



**BOLTON
& MENK**

Real People. Real Solutions.

1960 Premier Drive
Mankato, MN 56001-5900

Ph: (507) 625-4171
Fax: (507) 625-4177
Bolton-Menk.com

MEMORANDUM

Date: July 6, 2021
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. 24
City of Marshall, Minnesota
Project No.: T22.115360

INTRODUCTION

Pay Request No. 24 for the above-referenced project in the amount of \$291,217.71 is being submitted for approval.

DISCUSSION

This pay application covers work completed on the project through June 30, 2021. The Contractor continues to work on replacement of aeration basin equipment, with work completed in the first two basins. Work on trickling filter pump station renovation continues, with the concrete top slab placed. In addition, contractor has been working on project completion list items throughout the facility. We recommend approval of the attached Application for Payment No. 24.

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 \$291,217.71.

Application for Payment No. 24

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: 7/1/2021
Invoice Work Period: June 1-30, 2021

1) Original Contract amount	<u>\$14,074,300.00</u>
2) Change Orders to date	<u>\$0.00</u>
3) Revised Contract amount	<u>\$14,074,300.00</u>
4) Value completed to date	<u>\$13,570,597.68</u>
5) Materials stored on site	<u>\$0.00</u>
6) Total Earned to date	<u>\$13,570,597.68</u>
7) Amount retained	<u>\$678,529.88</u>
8) Amount previously paid	<u>\$12,600,850.09</u>
Amount due this Payment	<u>\$291,217.71</u>

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: 7-6-21

APPLICATION FOR PAYMENT SCHEDULE

Spec. Section	Pay Application #24 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	259,167.00	8,500.00	0.00	267,667.00	97%	8,333.00
1020	General Construction Allowance	\$ 250,000	254,966.20	-19,242.57	0.00	235,723.63	94%	14,276.37
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	4,650.00	0.00	0.00	4,650.00	100%	0.00
	Trickling Filter Pump Station Pumps/Piping	\$ 3,480	1,500.00	1,980.00	0.00	3,480.00	100%	0.00
	Sludge Control Structure	\$ 13,540	13,540.00	0.00	0.00	13,540.00	100%	0.00
	Control Building Pumps and Piping	\$ 5,850	5,850.00	0.00	0.00	5,850.00	100%	0.00
	Blower Building Blowers and Piping	\$ 6,420	6,420.00	0.00	0.00	6,420.00	100%	0.00
	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	8,750.00	4,450.00	0.00	13,200.00	75%	4,300.00
	Intermediate Clarifier Equipment	\$ 26,417	26,417.00	0.00	0.00	26,417.00	100%	0.00
2140	Dewatering	\$ 19,555	19,555.00	0.00	0.00	19,555.00	100%	0.00
2210	Finish Grading	\$ 14,320	9,500.00	2,400.00	0.00	11,900.00	83%	2,420.00
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	91,500.00	0.00	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	2,000.00	0.00	12,000.00	97%	400.00
2550	Site Utilities	\$ 565,333	565,333.00	0.00	0.00	565,333.00	100%	0.00
2551	Bypass Piping	\$ 49,504	43,000.00	3,500.00	0.00	46,500.00	94%	3,004.00
2600	Roads, Walks and Curbs	\$ 22,540	21,000.00	1,540.00	0.00	22,540.00	100%	0.00
2800	Fencing	\$ 12,200	12,200.00	0.00	0.00	12,200.00	100%	0.00
2920	Seeding	\$ 6,100	4,000.00	0.00	0.00	4,000.00	66%	2,100.00
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	2,770.00	0.00	457,600.00	100%	0.00
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	1,860.00	0.00	1,860.00	100%	0.00
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

Spec. Section	Pay Application #24 Description of Work	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
3460	Precast Non-Architectural Wall Panels	\$ 456,850	453,724.00	3,126.00	0.00	456,850.00	100%	0.00
5100	Structural Metals, Misc Metals and Handrail	\$ 7,820	7,296.00	524.00	0.00	7,820.00	100%	0.00
5500	Access Hatches	\$ 279,400	274,856.00	4,544.00	0.00	279,400.00	100%	0.00
7535	Fully Adhered Membrane Roofing & Sheet Metal	\$ 1,600	1,600.00	0.00	0.00	1,600.00	100%	0.00
7900	Joint Sealant	\$ 22,540	22,540.00	0.00	0.00	22,540.00	100%	0.00
8110	Hollow Metal Doors, Frames and Hardware	\$ 299,000	284,000.00	0.00	0.00	284,000.00	95%	15,000.00
9960	Painting	\$ 3,690	1,500.00	0.00	0.00	1,500.00	41%	2,190.00
10400	Identifying Devices	\$ 212,600	212,600.00	0.00	0.00	212,600.00	100%	0.00
11213	Vertical Non-Clog Solids Handling Pumps	\$ 143,100	128,990.45	0.00	0.00	128,990.45	90%	14,109.55
11214	Vertical Turbine Pumps	\$ 17,400	17,400.00	0.00	0.00	17,400.00	100%	0.00
11311	Submersible Centrifugal Pumps	\$ 36,400	36,400.00	0.00	0.00	36,400.00	100%	0.00
11312	Replace Vaughan Chopper Pump	\$ 54,750	54,750.00	0.00	0.00	54,750.00	100%	0.00
11316	Progressive Cavity Pumps	\$ 96,560	96,560.00	0.00	0.00	96,560.00	100%	0.00
11321	Grit Separation Equipment	\$ 428,500	428,500.00	0.00	0.00	428,500.00	100%	0.00
11351	Clarifier Equipment - Suction Type Clarifier	\$ 135,840	135,840.00	0.00	0.00	135,840.00	100%	0.00
11365	Gravity Actuated Rotary Distributor	\$ 345,600	345,600.00	0.00	0.00	345,600.00	100%	0.00
11366	Trickling Filter Media	\$ 650,000	483,118.19	0.00	0.00	483,118.19	74%	166,881.81
11372	Blower Allowance	\$ 4,630	4,630.00	0.00	0.00	4,630.00	100%	0.00
11374	Blower System (Positive Displacement w/ Enclosure)	\$ 82,900	54,475.00	14,213.00	0.00	68,688.00	83%	14,212.00
11376	Fine Pore Membrane Aeration Equipment	\$ 6,800	6,800.00	0.00	0.00	6,800.00	100%	0.00
11376	Hybrid Blower System	\$ 185,300	185,300.00	0.00	0.00	185,300.00	100%	0.00
13126	Circular Tank Covers	\$ 266,500	266,500.00	0.00	0.00	266,500.00	100%	0.00
13262	Long Term Storage Mixing System	\$ 140,000	140,000.00	0.00	0.00	140,000.00	100%	0.00
13263	ATAD Equipment Replacement	\$ 29,850	29,850.00	0.00	0.00	29,850.00	100%	0.00
13320	ATAD Equipment Installation	\$ 900	900.00	0.00	0.00	900.00	100%	0.00
13320	Blower Master Control Panel	\$ 10,500	10,500.00	0.00	0.00	10,500.00	100%	0.00
13890	Slide Gates	\$ 31,200	31,200.00	0.00	0.00	31,200.00	100%	0.00
13900	Fiberglass Baffles and Weir Plates	\$ 9,200	9,200.00	0.00	0.00	9,200.00	100%	0.00
14620	Portable Hoist	\$ 307,200	302,699.51	2,200.00	0.00	304,899.51	99%	2,300.49
15060	Process Piping - Materials	\$ 172,800	168,500.00	2,150.00	0.00	170,650.00	99%	2,150.00
15060	Process Piping - Labor	\$ 744,040	744,040.00	0.00	0.00	744,040.00	100%	0.00
15100	Valves - Materials	\$ 1,600	1,600.00	0.00	0.00	1,600.00	100%	0.00
15130	Gauges	\$ 11,600	10,000.00	800.00	0.00	10,800.00	93%	800.00
15140	Pipe Supports and Anchors	\$ 34,500	34,500.00	0.00	0.00	34,500.00	100%	0.00
15150	Stainless Steel Manways w/ Blind Flanges	\$ 14,800	14,100.00	700.00	0.00	14,800.00	100%	0.00
15250	Plumbing	\$ 97,800	96,300.00	0.00	0.00	96,300.00	98%	1,500.00
15500	HVAC							

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.	Pay Application #24	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
Section	Description of Work							
16010	Electrical - Mobilization, Permits and Job Overhead	\$ 100,000	97,000.00	0.00	0.00	97,000.00	97%	3,000.00
16100	Basic Materials and Methods	\$ 260,575	260,575.00	0.00	0.00	260,575.00	100%	0.00
16150	Motors	\$ 20,000	19,300.00	0.00	0.00	19,300.00	97%	700.00
16400	Electrical Distribution	\$ 83,000	79,505.00	1,495.00	0.00	81,000.00	98%	2,000.00
16900	Starters and Motor Control Centers	\$ 463,000	463,000.00	0.00	0.00	463,000.00	100%	0.00
16950	Instrumentation and Controls	\$ 958,165	650,728.00	234,162.00	0.00	884,890.00	92%	73,275.00
16990	Computer Allowance	\$ 50,000	0.00	\$32,873.52	0.00	32,873.52	66%	17,126.48
	Totals	14,074,300.00	13,264,052.73	306,544.95	0.00	13,570,597.68	96%	503,702.32
		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		13,570,597.68					
	Materials stored on site		0.00					
	Total Earned to date		13,570,597.68					
	Amount retained		678,529.88					
	Amount previously paid		12,600,850.09					
	Amount due this Payment		291,217.71					