



**BOLTON  
& MENK**

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1960 Premier Drive  
Mankato, MN 56001-5900

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

## MEMORANDUM

**Date:** August 3, 2020  
**To:** Bob Van Moer, Wastewater Treatment Superintendent  
**From:** Jon D. Peterson, P.E., Project Engineer *JDP*  
**Subject:** Wastewater Treatment Facility Improvements – Magney Construction Inc.  
Pay Request No. 13  
City of Marshall, Minnesota  
Project No.: T22.115360

### INTRODUCTION

Pay Request No. 13 for the above-referenced project in the amount of \$1,063,948.04 is being submitted for approval.

### DISCUSSION

This pay application covers work completed on the project through July 31, 2020. The Contractor has completed installation of membrane roofing on the sludge storage building, placed concrete for final clarifier No. 3 walls, begun preparation work for painting of the trickling filter, and taken delivery of the motor control panels on site for the project. We recommend approval of the attached Request for Payment No. 13.

### 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 \$1,063,948.04.

**Application for Payment No. 13**

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: 7/31/2020

Invoice Work Period: July 1-31, 2020


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>\$9,197,401.46</u>
5) Materials stored on site	<u>\$452,110.00</u>
6) Total Earned to date	<u>\$9,649,511.46</u>
7) Amount retained	<u>\$482,475.57</u>
8) Amount previously paid	<u>\$8,103,087.85</u> ✓
<b>Amount due this Payment</b>	<b><u>\$1,063,948.04</u></b>

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)**

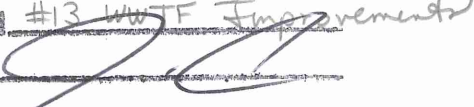
By:   
Project Manager

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Owner: City of Marshall Engineer: Bolton & Menk

By:  By: 

Date: 8-4-2020 Date: 8-3-20

VENDOR # 5459  
 INVOICE # #13 - T22.115360  
 \$ AMOUNT 1,063,948.04  
 DATE 7-31-2020  
 ACCT & PROJ # 602-49500-55120/W13  
 DESCRIPTION #13 WWTFF Improvements  
 SIGNATURE 

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 #13	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
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	136,000.00	13,000.00	0.00	149,000.00	54%	127,000.00
1020	<b>General Construction Allowance</b>	<b>\$ 250,000</b>	-42,357.91	6,432.30	0.00	-35,925.61	-14%	285,925.61
1021	<b>Building Permit Allowance</b>	<b>\$ 10,000</b>	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	0.00	0.00	0.00	0.00	0%	6,420.00
	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	0.00	0.00	0.00	0%	26,417.00
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	50,000.00	21,200.00	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	0.00	60,000.00	0.00	60,000.00	66%	31,500.00
2221A	Backfill of Structures - Sludge Storage Structure	\$ 172,620	152,620.00	16,000.00	0.00	168,620.00	98%	4,000.00
2370	Erosion and Sediment Control	\$ 12,400	9,000.00	0.00	0.00	9,000.00	73%	3,400.00
2550	Site Utilities	\$ 565,333	163,206.62	190,000.00	0.00	353,206.62	62%	212,126.38
2551	Bypass Piping	\$ 49,504	0.00	0.00	0.00	0.00	0%	49,504.00
2600	Roads, Walks and Curbs	\$ 22,540	0.00	0.00	0.00	0.00	0%	22,540.00
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	451,330.00	0.00	0.00	451,330.00	99%	6,270.00
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	185,000.00	25,650.00	0.00	210,650.00	98%	4,000.00
	Control Structure	\$ 29,075	0.00	14,075.00	0.00	14,075.00	48%	15,000.00
	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						

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 Project: Wastewater Treatment Facility Improvements  
 BMI Project No. T22.115360

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APPLICATION FOR PAYMENT SCHEDULE

Pay Application #13		Scheduled	Work	Completed	Materials	Total	%	Balance
Spec.		Value	Previous	This	Presently	Completed &	Complete	To
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3460	Precast Non-Architectural Wall Panels	W/Double Tees						
5100	Structural Metals, Misc Metals and Handrail	\$ 456,850	170,774.00	110,000.00	47,950.00	328,724.00	72%	128,126.00
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	87,875.00	95,000.00	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	0.00	0.00	18,977.00	18,977.00	84%	3,563.00
9960	Painting	\$ 299,000	85,000.00	55,000.00	0.00	140,000.00	47%	159,000.00
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	0.00	0.00	0%	143,100.00
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	0.00	0.00	387,864.00	91%	40,636.00
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	0.00	0.00	0.00	0%	345,600.00
<b>11372</b>	<b>Blower Allowance</b>	<b>\$ 650,000</b>	<b>483,118.19</b>	<b>0.00</b>	<b>0.00</b>	<b>483,118.19</b>	<b>74%</b>	<b>166,881.81</b>
11372	Blower System (Positive Displacement w/ Enclosure)	\$ 4,630	1,650.00	1,650.00	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	0.00	0.00	0.00	0.00	0%	6,800.00
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	140,040.00	25,000.00	86,200.00	251,240.00	94%	15,260.00
<b>13263</b>	<b>ATAD Equipment Replacement</b>	<b>\$ 140,000</b>	<b>117,800.00</b>	<b>0.00</b>	<b>0.00</b>	<b>117,800.00</b>	<b>84%</b>	<b>22,200.00</b>
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	0.00	0.00	8,943.00	8,943.00	85%	1,557.00
13900	Fiberglass Baffles and Weir Plates	\$ 31,200	14,310.00	0.00	0.00	14,310.00	46%	16,890.00
14620	Portable Hoist	\$ 9,200	7,982.75	0.00	0.00	7,982.75	87%	1,217.25
15060	Process Piping - Materials	\$ 307,200	263,626.51	0.00	17,442.00	281,068.51	91%	26,131.49
15060	Process Piping - Labor	\$ 172,800	27,500.00	25,000.00	0.00	52,500.00	30%	120,300.00
15100	Valves - Materials	\$ 744,040	494,665.45	0.00	0.00	494,665.45	66%	249,374.55
15130	Gauges	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
15140	Pipe Supports and Anchors	\$ 11,600	0.00	0.00	0.00	0.00	0%	11,600.00
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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16010	Electrical - Mobilization, Permits and Job Overhead	\$ 100,000	50,000.00	3,000.00	0.00	53,000.00	53%	47,000.00
16100	Basic Materials and Methods	\$ 260,575	25,030.00	6,828.00	0.00	31,858.00	12%	228,717.00
16150	Motors	\$ 20,000	0.00	0.00	0.00	0.00	0%	20,000.00
16400	Electrical Distribution	\$ 83,000	0.00	0.00	13,855.00	13,855.00	17%	69,145.00
16900	Starters and Motor Control Centers	\$ 463,000	180,000.00	0.00	258,743.00	438,743.00	95%	24,257.00
16950	Instrumentation and Controls	\$ 958,165	0.00	0.00	0.00	0.00	0%	958,165.00
16990	<b>Computer Allowance</b>	<b>\$ 50,000</b>	0.00	0.00	0.00	0.00	0%	50,000.00
	<b>Totals</b>	<b>14,074,300.00</b>	<b>8,529,566.16</b>	<b>667,835.30</b>	<b>452,110.00</b>	<b>9,649,511.46</b>	<b>69%</b>	<b>4,424,788.54</b>
		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		9,197,401.46					
	Materials stored on site		452,110.00					
	Total Earned to date		9,649,511.46					
	Amount retained		482,475.57					
	Amount previously paid		8,103,087.85					
	<b>Amount due this Payment</b>		<b>1,063,948.04</b>					