



**BOLTON  
& MENK**

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## MEMORANDUM

**Date:** January 4, 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. 18  
City of Marshall, Minnesota  
Project No.: T22.115360

### INTRODUCTION

Pay Request No. 18 for the above-referenced project in the amount of \$240,883.18 is being submitted for approval.

### DISCUSSION

This pay application covers work completed on the project through December 31, 2020. The Contractor has completed construction of the cover for the Final Clarifier on site. Site piping on the project has been completed, and the new RAS/WAS control structure with pumps is operational. We recommend approval of the attached Request for Payment No. 18.

### 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 \$240,883.18.

Application for Payment No. 18

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: 1/4/2021

Invoice Work Period: December 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>\$11,851,655.91</u>     |
| 5) Materials stored on site    | <u>\$0.00</u>              |
| 6) Total Earned to date        | <u>\$11,851,655.91</u>     |
| 7) Amount retained             | <u>\$592,582.80</u>        |
| 8) Amount previously paid      | <u>\$11,018,189.93</u>     |
| <b>Amount due this Payment</b> | <b><u>\$240,883.18</u></b> |

Accompanying Documentation:

CONTRACTOR'S Certification:

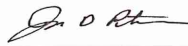
The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of work done under the Contract referred to above have been applied on account to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for 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: \_\_\_\_\_ Date: 1-4-21

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.<br>Section | Pay Application #18<br>Description of Work                | Scheduled<br>Value | Work<br>Previous<br>Application | Completed<br>This<br>Application | Materials<br>Presently<br>Stored | Total<br>Completed &<br>Stored to Date | %<br>Complete | Balance<br>To<br>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         | 201,000.00                      | 13,000.00                        | 0.00                             | 214,000.00                             | 78%           | 62,000.00               |
| 1020             | <b>General Construction Allowance</b>                     | <b>\$ 250,000</b>  | -21,398.70                      | 0.00                             | 0.00                             | -21,398.70                             | -9%           | 271,398.70              |
| 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                            | 13,540.00                        | 0.00                             | 13,540.00                              | 100%          | 0.00                    |
|                  | 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           | 5,500.00                        | 920.00                           | 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          | 0.00                            | 0.00                             | 0.00                             | 0.00                                   | 0%            | 17,500.00               |
|                  | Intermediate Clarifier Equipment                          | \$ 26,417          | 26,417.00                       | 0.00                             | 0.00                             | 26,417.00                              | 100%          | 0.00                    |
| 2140             | Dewatering  | \$ 19,555          | 18,555.00                       | 1,000.00                         | 0.00                             | 19,555.00                              | 100%          | 0.00                    |
| 2210             | Finish Grading  | \$ 14,320          | 0.00                            | 3,500.00                         | 0.00                             | 3,500.00                               | 24%           | 10,820.00               |
| 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                       | 0.00                             | 0.00                             | 10,000.00                              | 81%           | 2,400.00                |
| 2550             | Site Utilities  | \$ 565,333         | 538,206.62                      | 27,126.38                        | 0.00                             | 565,333.00                             | 100%          | 0.00                    |
| 2551             | Bypass Piping   | \$ 49,504          | 0.00                            | 0.00                             | 0.00                             | 0.00                                   | 0%            | 49,504.00               |
| 2600             | Roads, Walks and Curbs                                    | \$ 22,540          | 19,000.00                       | 0.00                             | 0.00                             | 19,000.00                              | 84%           | 3,540.00                |
| 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         | 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 #18                                | 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        | 446,724.00        | 5,500.00    | 0.00        | 452,224.00        | 99%        | 4,626.00          |
| 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        | 202,875.00        | 0.00        | 0.00        | 202,875.00        | 73%        | 76,525.00         |
| 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         | 21,477.00         | 0.00        | 0.00        | 21,477.00         | 95%        | 1,063.00          |
| 9960         | Painting   | \$ 299,000        | 250,000.00        | 8,500.00    | 0.00        | 258,500.00        | 86%        | 40,500.00         |
| 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        | 128,990.45        | 0.00        | 0.00        | 128,990.45        | 90%        | 14,109.55         |
| 11311        | Submersible Centrifugal Pumps                      | \$ 17,400         | 13,500.00         | 3,900.00    | 0.00        | 17,400.00         | 100%       | 0.00              |
| 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        | 426,500.00        | 0.00        | 0.00        | 426,500.00        | 100%       | 2,000.00          |
| 11365        | Gravity Actuated Rotary Distributor                | \$ 135,840        | 135,840.00        | 0.00        | 0.00        | 135,840.00        | 100%       | 0.00              |
| 11366        | Trickling Filter Media                             | \$ 345,600        | 345,600.00        | 0.00        | 0.00        | 345,600.00        | 100%       | 0.00              |
| <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          | 3,300.00          | 1,100.00    | 0.00        | 4,400.00          | 95%        | 230.00            |
| 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          | 5,000.00          | 1,300.00    | 0.00        | 6,300.00          | 93%        | 500.00            |
| 13126        | Circular Tank Covers                               | \$ 185,300        | 170,000.00        | 15,300.00   | 0.00        | 185,300.00        | 100%       | 0.00              |
| 13262        | Long Term Storage Mixing System                    | \$ 266,500        | 256,740.00        | 0.00        | 0.00        | 256,740.00        | 96%        | 9,760.00          |
| <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         | 10,500.00         | 0.00        | 0.00        | 10,500.00         | 100%       | 0.00              |
| 13900        | Fiberglass Baffles and Weir Plates                 | \$ 31,200         | 31,200.00         | 0.00        | 0.00        | 31,200.00         | 100%       | 0.00              |
| 14620        | Portable Hoist                                     | \$ 9,200          | 8,982.75          | 0.00        | 0.00        | 8,982.75          | 98%        | 217.25            |
| 15060        | Process Piping - Materials                         | \$ 307,200        | 299,199.51        | 0.00        | 0.00        | 299,199.51        | 97%        | 8,000.49          |
| 15060        | Process Piping - Labor                             | \$ 172,800        | 147,500.00        | 12,500.00   | 0.00        | 160,000.00        | 93%        | 12,800.00         |
| 15100        | Valves - Materials                                 | \$ 744,040        | 741,164.29        | 1,000.00    | 0.00        | 742,164.29        | 100%       | 1,875.71          |
| 15130        | Gauges   | \$ 1,600          | 0.00              | 800.00      | 0.00        | 800.00            | 50%        | 800.00            |
| 15140        | Pipe Supports and Anchors                          | \$ 11,600         | 2,500.00          | 3,500.00    | 0.00        | 6,000.00          | 52%        | 5,600.00          |
| 15150        | Stainless Steel Manways w/ Blind Flanges           | \$ 34,500         | 34,500.00         | 0.00        | 0.00        | 34,500.00         | 100%       | 0.00              |
| 15250        | Plumbing   | \$ 14,800         | 0.00              | 7,500.00    | 0.00        | 7,500.00          | 51%        | 7,300.00          |
| 15500        | HVAC   | \$ 97,800         | 48,025.13         | 20,774.87   | 0.00        | 68,800.00         | 70%        | 29,000.00         |

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 #18                                 | 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              |
| 16010        | Electrical - Mobilization, Permits and Job Overhead | \$ 100,000           | 67,500.00            | 0.00              | 0.00        | 67,500.00            | 68%        | 32,500.00           |
| 16100        | Basic Materials and Methods                         | \$ 260,575           | 73,358.00            | 60,000.00         | 0.00        | 133,358.00           | 51%        | 127,217.00          |
| 16150        | Motors  | \$ 20,000            | 3,000.00             | 7,800.00          | 0.00        | 10,800.00            | 54%        | 9,200.00            |
| 16400        | Electrical Distribution                             | \$ 83,000            | 19,855.00            | 30,000.00         | 0.00        | 49,855.00            | 60%        | 33,145.00           |
| 16900        | Starters and Motor Control Centers                  | \$ 463,000           | 459,743.00           | 0.00              | 0.00        | 459,743.00           | 99%        | 3,257.00            |
| 16950        | Instrumentation and Controls                        | \$ 958,165           | 118,000.00           | 15,000.00         | 0.00        | 133,000.00           | 14%        | 825,165.00          |
| <b>16990</b> | <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>11,598,094.66</b> | <b>253,561.25</b> | <b>0.00</b> | <b>11,851,655.91</b> | <b>84%</b> | <b>2,222,644.09</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                             |                      | 11,851,655.91        |                   |             |                      |            |                     |
|              | Materials stored on site                            |                      | 0.00                 |                   |             |                      |            |                     |
|              | Total Earned to date                                |                      | 11,851,655.91        |                   |             |                      |            |                     |
|              | Amount retained                                     |                      | 592,582.80           |                   |             |                      |            |                     |
|              | Amount previously paid                              |                      | 11,018,189.93        |                   |             |                      |            |                     |
|              | <b>Amount due this Payment</b>                      |                      | <b>240,883.18</b>    |                   |             |                      |            |                     |