

**June 17, 2014**

**To: Mayor Bemrich and City Council**  
**From: David Fierke, City Manager**  
**Subject: Waste Water System Improvements**  
**North Central Ag Park Expansion – Phase D Section 1**  
**Pay Estimate #19 Sub-Final – Gridor Construction**

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**ACTION: For vote Monday, June 23, 2014**

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**Brief History**

Since March, 2011 City Staff has been working with Cargill representatives regarding water and wastewater infrastructure needs for the North Central Ag Park. City Staff has also been working with CJ American since April, 2011 regarding their water and wastewater infrastructure needs. On April 25, 2011, the Council approved contracts with McClure Engineering and US Water Utility Group to complete a Water and Wastewater System Evaluation Study and Conceptual Master Plan. The draft System Evaluation Study information was presented to Council on October 24, 2011 and the draft Conceptual Master Plan was presented to Council on November 7, 2011.

In order to accommodate the water needs and wastewater loadings from Cargill and CJ America, the City's water and wastewater infrastructure needs to be expanded. The proposed projects will require extensive design work, construction administration, and financial administration.

Council approved a contract with McClure Engineering on November 14, 2011. The contract included services for 4 Phases:

- Phase A - Raw Water Source
- Phase B - Water Treatment Plant
- Phase C – Ag Park Ground Storage and High Service Pumping
- Phase D – Waste Water Treatment Plant

Under this agreement McClure Engineering proposes to provide services for preliminary design, final design, advertising, bidding, contract award, construction administration, staking, project representation, soil boring coordination, erosion control monitoring, record drawings, SRF loan application and administrative services, and meetings.

On October 8, 2012 a public hearing was held to approve plans, specifications, form of contract, and estimate of costs for the project. A bid letting was held on October 16, 2012. On November 5, 2012, Gridor Construction was awarded the contract by the Council in the amount of \$16,776,900.

Amendment#5 to the Agreement for Engineering Services with McClure Engineering was necessary for the following items:

Construction Administration	\$519,961.00
Construction Staking	\$ 12,300.00
Resident Project Representative	\$391,700.00
Record Drawings	\$ 5,270.00
SRF Loan Application	\$ 6,710.00

The total fee for Amendment #5 is \$932,941.00. This amendment also includes the services of Multivista as a sub-contractor to McClure Engineering. Multivista provides construction documentation services in the form of construction photos, (interior, exterior, and construction progression) with high resolution, and geo-referenced to the location on the site that the photo was taken. The photos and supporting documentation is then hosted on-line for the contractor, engineer, and owner to utilize to discuss construction progress or lack thereof, change orders, requests for information, and monthly progress meetings. The City can also use the documentation as maintenance, rehabilitation, and expansion may occur at those facilities. The scope of services Multivista will provide is included as an exhibit to the McClure Engineering contract amendment. Amendment #5 with McClure was approved on November 19, 2012.

Change Order #1 was approved on January 27, 2014 and it included adjustments to as built quantities in the amount of \$52,248.00. Change Order #1 did not affect the contract amount and was deducted from the contingency.

The Contractor, Gridor Construction, has completed the work specified in the contract documents. McClure Engineering submitted the Statement of Substantial Completion and Pay Estimate #18 Sub-final for Gridor Construction in the amount of \$621,418.55. Council approved the Statement of Substantial Completion and Pay Estimate #18 Sub-Final on May 12, 2014.

### **Analysis of Issue**

Pay Estimate #19 Sub-final is now due to Gridor Construction in the amount of \$158,274.75. There will be a number of sub-final payments for this project. Each pay estimate where retainage is to be released will be considered a sub-final payment.

### **Budget Impact**

These services will be paid by Sewer SRF Loans and will be repaid for by Sewer Utility funds. This project will be included into the large Ag Park expansion SRF loan to be closed in November.

### **Strategic Plan Impact**

Policy D.4.2: Advanced planning for all infrastructure facilities shall be supported and routinely updated. Facilities benefited by advanced planning shall include, at minimum, schools, health care, residential areas, roads, water, sewer, storm water management, parks, recreation, and greenways.

Policy D.4.1: Recognizing that infrastructure has a powerful influence on growth and development, the availability of infrastructure (along with other factors) should determine where development will occur in the city, rather than the other way around.

**Impact on Existing Plans**

None

**Committee Review / Recommendation**

This project has been discussed at several council meetings and workshops.

**Staff Conclusions / Recommendations**

It is our recommendation to approve Pay Estimate #19 Sub-final and the payment to Gridor Construction in the amount of \$158,274.75.

**Alternatives**

No practical alternatives are suggested.

**Implementation and Accountability**

The Engineering Department will be responsible for overseeing this project.

Signed



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Chad W. Schaeffer, P.E.  
City Engineer

Approved



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David R. Fierke  
City Manager

# Lump Sum Contract

**Project:** Wastewater Treatment Facility Improvements From (Contractor): Gridor Construction, Inc. Application Date: 5/31/2014  
**To (Owner):** City of Fort Dodge, Iowa  
**Via (Engineer):** McClure Engineering Co. Owner's Project No.: 1311016-04 Engineer's Proj. No.: 1311016-04 Period From: 5/1/2014 Period To: 5/31/2014

Approved Change Order Summary:		Additions	Deductions
No.	Date Approved		
1	1/27/2014	\$0.00	\$0.00
TOTALS		\$0.00	\$0.00

  

1. ORIGINAL CONTRACT PRICE.....	\$	16,776,900.00
2. Net change by Change Orders.....	\$	0.00
3. Current Contract Price (Line 1 + 2).....	\$	16,776,900.00
4. TOTAL COMPLETED AND STORED TO DATE		
(Column F on Progress Estimate).....	\$	15,894,075.00
5. RETAINAGE:		
a. 5% X \$15,893,669.00 Work Completed.....	\$	794,683.45
b. 5% X \$406.00 Stored Material.....	\$	20.30
c. Less Total Retainage Released Early.....	\$	500,000.00
d. Total Retainage (Line 5a + Line 5b - Line 5c).....	\$	294,703.75
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$	15,599,371.25
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$	15,441,096.50
8. AMOUNT DUE THIS APPLICATION.....	\$	158,274.75
9. BALANCE TO FINISH, PLUS RETAINAGE		
(Column G on Progress Estimate + Line 5 above).....	\$	1,177,528.75

Payment o \$ 158,274.75  
 (Line 8 or other - attach explanation of the other amount)

is recommended by: [Signature] (Engineer) 6/3/14 (Date)

Payment o \$ \_\_\_\_\_  
 (Line 8 or other - attach explanation of the other amount)

is approved by: \_\_\_\_\_ (Owner) \_\_\_\_\_ (Date)

Endorsed by the Construction Specifications Institute.

**Contractor's Certification**

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or 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 interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: [Signature] Date: 5/29/14

Item No.	Description of Work	C Scheduled Value	D Work Completed		F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)
			From Previous Application	This Period				
			Percent	Amount				
<b>Division 1</b>								
1.001	Mobilization, Insurance and Bonds	\$450,000				\$450,000	100.0%	\$0
1.002	Contingency Allowance	\$400,000	\$72,407			\$72,407	18.1%	\$327,593
1.003	HMA Paving Allowance	\$170,000				\$0	0.0%	\$170,000
1.004	Administration Building Backflow Prevention Allowance	\$25,000				\$0	0.0%	\$25,000
1.005	Stormwater Return Flow Meter Allowance	\$50,000				\$0	0.0%	\$50,000
1.006	SE Gate Access System and Septic Hauler Dump Sta.	\$65,000				\$0	0.0%	\$65,000
<b>Subtotal for</b>	<b>Division 1</b>	<b>\$1,180,000</b>	<b>\$522,407</b>			<b>\$522,407</b>	<b>44.3%</b>	<b>\$657,593</b>
			check \$522,407					

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			From Previous Application	This Period				
			Percent	Amount				
<b>Division 2</b>								
2.001	Erosion Control / Silt Fence	\$15,000	\$12,750			\$12,750	85.0%	\$2,250
2.002	Clear and Grub Site	\$25,000	\$25,000			\$25,000	100.0%	\$0
2.003	Fine Grade and Restore Site	\$20,000	\$5,000	\$2,000		\$7,000	35.0%	\$13,000
2.004	Excavation and Backfill - VLR Structure	\$400,000	\$400,000			\$400,000	100.0%	\$0
2.005	Excavation and Backfill - RAS PS / Clarifier	\$250,000	\$250,000			\$250,000	100.0%	\$0
2.006	Excavation and Backfill - Aerobic Digester	\$175,000	\$175,000			\$175,000	100.0%	\$0
2.007	Excavation and Backfill - Misc Structures	\$30,000	\$30,000			\$30,000	100.0%	\$0
2.008	Landscaping and Seedings	\$15,000				\$0	0.0%	\$15,000
2.009	Chain Link Fences	\$40,000				\$0	0.0%	\$40,000
2.010	Road Improvements - Unit Bid Item	\$50,000	\$50,000			\$50,000	100.0%	\$0
2.011	Paving and Base Course	\$140,000				\$0	0.0%	\$140,000
2.012	Site Utilities - Labor & Equipment	\$250,000		\$70,000		\$70,000	50.0%	\$70,000
2.013	Site Utilities - Material	\$425,000	\$245,000			\$245,000	98.0%	\$5,000
2.014	Lagoon Excavation Labor and Material	\$75,000	\$424,150			\$424,150	99.8%	\$850
2.015	Lagoon Cleaning - Unit Bid Item	\$110,000	\$75,000			\$75,000	100.0%	\$0
2.016	Digester Cleaning - Unit Bid Item	\$30,100	\$110,000			\$110,000	100.0%	\$0
2.017	Below Grade Demo - Unit Bid Item	\$69,000	\$37,053			\$37,053	53.7%	\$31,947
2.018	Demo Labor and Material	\$50,000	\$50,000			\$50,000	100.0%	\$0
2.019	Manholes and RCP - Labor and Equipment	\$5,000	\$5,000			\$5,000	100.0%	\$0
2.020	Manholes and RCP - Materials	\$35,000	\$35,000			\$35,000	100.0%	\$0
2.021	Retaining Walls	\$8,000		\$8,000		\$8,000	100.0%	\$0
<b>Subtotal for</b>	<b>Division 2</b>	<b>\$2,217,100</b>	<b>\$1,928,953</b>	<b>\$110,100</b>		<b>\$2,039,053</b>	<b>91.97%</b>	<b>\$178,047</b>
			check \$1,928,953					

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			From Previous Application	Percent	This Period	Amount				
<b>Division 3</b>										
3.001	F/P/I Concrete 6800 cy @ 360 cy	\$2,448,000	\$2,444,616	0.08%	\$1,958			\$2,446,574	99.9%	\$1,426
3.002	Rebar Material	\$750,000	\$750,000					\$750,000	100.0%	\$0
3.003	Rebar Labor	\$400,000	\$400,000					\$400,000	100.0%	\$0
3.004	Precast Concrete	\$105,000	\$105,000					\$105,000	100.0%	\$0
	<b>Subtotal for Division 3</b>	<b>\$3,703,000</b>	<b>\$3,699,616.00</b>		<b>\$1,958</b>		<b>\$0</b>	<b>\$3,701,574</b>	<b>99.96%</b>	<b>\$1,426</b>
		check	\$3,699,616					Check		\$3,701,574
<b>Division 4</b>										
4.001	Masonry - RAS Building	\$30,000	\$30,000					\$30,000	100.0%	\$0
4.002	Masonry - Blower Buildings	\$105,000	\$105,000					\$105,000	100.0%	\$0
4.003	Masonry - Mixing Building	\$40,000	\$40,000					\$40,000	100.0%	\$0
	<b>Subtotal for Division 4</b>	<b>\$175,000</b>	<b>\$175,000.00</b>		<b>\$0</b>		<b>\$0</b>	<b>\$175,000</b>	<b>100.00%</b>	<b>\$0</b>
		check	\$175,000					Check		\$175,000
<b>Division 5</b>										
5.001	Misc Metals - Materials	\$335,000	\$328,635	1.50%	\$5,025			\$333,660	99.6%	\$1,340
5.002	Misc Metals - Labor	\$50,000	\$48,500	1.00%	\$500			\$49,000	98.0%	\$1,000
5.003	FRP Items - Not Weirs and Baffles	\$3,000	\$3,000					\$3,000	100.0%	\$0
	<b>Subtotal for Division 5</b>	<b>\$388,000</b>	<b>\$380,135.00</b>		<b>\$5,525</b>		<b>\$0</b>	<b>\$385,660</b>	<b>99.40%</b>	<b>\$2,340</b>
		check	\$380,135					Check		\$385,660
<b>Division 6</b>										
6.001	Carpentry	\$6,000	\$6,000					\$6,000	100.0%	\$0
	<b>Subtotal for Division 6</b>	<b>\$6,000</b>	<b>\$6,000.00</b>		<b>\$0</b>		<b>\$0</b>	<b>\$6,000</b>	<b>100.00%</b>	<b>\$0</b>
		check	\$6,000					Check		\$6,000
<b>Division 7</b>										
7.001	Masonry Water Repellent	\$4,500	\$4,500					\$4,500	100.0%	\$0
7.002	Dampproofing	\$5,000	\$5,000					\$5,000	100.0%	\$0
7.003	Insulation	\$5,000	\$5,000					\$5,000	100.0%	\$0
7.004	Roofing and Sheetmetal	\$65,000	\$65,000					\$65,000	100.0%	\$0
7.005	Access Hatches	\$7,000	\$7,000					\$7,000	100.0%	\$0
7.006	Caulking	\$6,500	\$4,875	20.00%	\$1,300			\$6,175	95.0%	\$325
	<b>Subtotal for Division 7</b>	<b>\$93,000</b>	<b>\$91,375.00</b>		<b>\$1,300</b>		<b>\$0</b>	<b>\$92,675</b>	<b>99.65%</b>	<b>\$325</b>
		check	\$91,375					Check		\$92,675

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			From Previous Application	Work Completed This Period	Percent	Amount				
<b>Division 8</b>										
8.001	Aluminum Doors / Frames / Hardware / Glass	\$95,000	\$94,050	1.00%		\$950		\$95,000	100.0%	\$0
8.002	Overhead Doors	\$8,000	\$8,000					\$8,000	100.0%	\$0
<b>Subtotal for</b>	<b>Division 8</b>	<b>\$103,000</b>	<b>\$102,050.00</b>			<b>\$950</b>		<b>\$103,000</b>	<b>100.00%</b>	<b>\$0</b>
		check	\$102,050					Check		\$103,000
<b>Division 9</b>										
9.001	Painting - VLR Structure	\$15,000	\$15,000					\$15,000	100.0%	\$0
9.002	Painting - Clarifier	\$30,000	\$30,000					\$30,000	100.0%	\$0
9.003	Painting - South RAS Building	\$18,000	\$18,000					\$18,000	100.0%	\$0
9.004	Painting - South Blower BLDG	\$15,000	\$15,000					\$15,000	100.0%	\$0
9.005	Painting - East Blower Building	\$10,000	\$10,000					\$10,000	100.0%	\$0
9.006	Painting - West Blower BLDG	\$10,000	\$10,000					\$10,000	100.0%	\$0
9.007	Painting - Aerobic Digester	\$4,000		100.00%		\$4,000		\$4,000	100.0%	\$0
9.008	Painting - Sludge Pump Mixing Building	\$23,000		90.00%		\$20,700		\$20,700	90.0%	\$2,300
9.009	Painting - Decant Structures	\$5,000	\$5,000					\$5,000	100.0%	\$0
<b>Subtotal for</b>	<b>Division 9</b>	<b>\$130,000</b>	<b>\$103,000.00</b>			<b>\$24,700</b>		<b>\$127,700</b>	<b>98.23%</b>	<b>\$2,300</b>
		check	\$103,000					Check		\$127,700
<b>Division 10</b>										
10.001	Fire Extinguishers	\$1,000	\$1,000					\$1,000	100.0%	\$0
<b>Subtotal for</b>	<b>Division 10</b>	<b>\$1,000</b>	<b>\$1,000.00</b>			<b>\$0</b>		<b>\$1,000</b>	<b>100.00%</b>	<b>\$0</b>
		check	\$1,000					Check		\$1,000

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			From Previous Application	Percent	Percent	Amount				
<b>Division 11</b>										
11.001	Sluice Gates and Slide Gates - 11210 & 11220	\$170,000	\$170,000					\$170,000	100.0%	\$0
11.002	Clarification Equipment- 11223 - Material only	\$2,325,000	\$2,325,000					\$2,325,000	100.0%	\$0
11.003	Clarification Equipment- 11223 - Labor & Equip	\$30,000	\$30,000					\$30,000	100.0%	\$0
11.004	Weir Brushes for Clarifiers 11224	\$57,000	\$39,640	30.46%	\$17,360			\$57,000	100.0%	\$0
11.005	Vertical Loop Reactor - Mat. w/11.002 - Lab only	\$80,000	\$80,000					\$80,000	100.0%	\$0
11.006	Jet Aeration System - 11318 - Material	\$575,000	\$483,000	15.00%	\$86,250			\$569,250	99.0%	\$5,750
11.007	Jet Aeration System - 11318 - Labor	\$30,000	\$24,000	10.00%	\$3,000			\$27,000	90.0%	\$3,000
11.008	PD Blower Equipment - 11321 - L & M	\$425,000	\$425,000					\$425,000	100.0%	\$0
11.009	Sub Non Clog Pumps - 11324 - L&M	\$150,000	\$150,000					\$150,000	100.0%	\$0
11.010	Horizontal Propeller Pumps - 11326 - L&M	\$170,000	\$170,000					\$170,000	100.0%	\$0
11.011	Sub Pump w/Axial Propeller - 11340 - L&M	\$50,000	\$49,500					\$49,500	99.0%	\$500
11.012	Hypochlorite Feed Equipment - 11571 L&M	\$65,000	\$64,350					\$64,350	99.0%	\$650
11.013	UV Equipment - 11572 - L&M	\$200,000	\$200,000					\$200,000	100.0%	\$0
11.014	Dig. Mixing Sys. - 11660 - M w/11.006 - L w/11.007	\$0	\$0					\$0	0.0%	\$0
11.015	Sludge Heater - 11669 - M/w/11.006 - Lab only	\$3,500	\$3,500					\$3,500	100.0%	\$0
11.016	Weirs and Baffles - Labor only - Mat w/11.002	\$10,000	\$10,000					\$10,000	100.0%	\$0
<b>Subtotal for</b>	<b>Division 11</b>	<b>\$4,340,500</b>	<b>\$4,223,990.00</b>		<b>\$106,610</b>		<b>\$0</b>	<b>\$4,330,600</b>	<b>99.77%</b>	<b>\$9,900</b>
		check	\$4,223,990							
<b>Division 12</b>										
	NONE									
<b>Subtotal for</b>	<b>Division 12</b>	<b>\$0</b>	<b>\$0.00</b>		<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>0.0%</b>	<b>\$0</b>
		check					Check	\$0	<b>0.00%</b>	<b>\$0</b>
<b>Division 13</b>										
13.001	Aluminum Domes	\$150,000	\$148,500	1.00%	\$1,500			\$150,000	100.0%	\$0
<b>Subtotal for</b>	<b>Division 13</b>	<b>\$150,000</b>	<b>\$148,500.00</b>		<b>\$1,500</b>		<b>\$0</b>	<b>\$150,000</b>	<b>100.00%</b>	<b>\$0</b>
		check	\$148,500				Check	\$150,000		



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			From Previous Application	Percent					
<b>Division 14</b>									
14.001	Hoists	\$2,000				\$406	\$406	20.3%	\$1,594
<b>Subtotal for Division 14</b>		<b>\$2,000</b>	<b>\$0.00</b>		<b>\$0</b>	<b>\$406</b>	<b>\$406</b>	<b>20.30%</b>	<b>\$1,594</b>
check \$406									
<b>Division 15</b>									
15.001	Int. DIP & FTGS - Material	\$495,300	\$495,300				\$495,300	100.0%	\$0
15.002	Int. DIP & FTGS - Labor	\$125,000	\$125,000				\$125,000	100.0%	\$0
15.003	Int. Plug/Check/BF/Knife Gate	\$65,000	\$65,000				\$65,000	100.0%	\$0
15.004	Interior Gate Valves	\$155,000	\$155,000				\$155,000	100.0%	\$0
15.005	Tide Flex Check	\$5,000	\$5,000				\$5,000	100.0%	\$0
15.006	PRV's	\$25,000	\$25,000				\$25,000	100.0%	\$0
15.007	Telescoping Valves	\$20,000	\$20,000				\$20,000	100.0%	\$0
15.008	Misc Process Pipe - Material	\$25,000	\$24,000				\$24,000	96.0%	\$1,000
15.009	Misc Process Pipe - Labor	\$20,000	\$19,200				\$19,200	96.0%	\$800
15.010	Blower Pipe Insulation	\$33,000	\$25,600				\$25,600	77.6%	\$7,400
15.011	Plumbing Mobilization	\$14,000	\$14,000				\$14,000	100.0%	\$0
15.012	Plumbing Demo	\$7,000	\$7,000				\$7,000	100.0%	\$0
15.013	Plumbing Underground DWV	\$30,000	\$30,000				\$30,000	100.0%	\$0
15.014	Plumbing Above Ground DWV	\$7,000	\$7,000				\$7,000	100.0%	\$0
15.015	Plumbing Domestic Cold Water	\$25,000	\$25,000				\$25,000	100.0%	\$0
15.016	Plumbing Boiler Room Heat Piping	\$45,000	\$45,000				\$45,000	100.0%	\$0
15.017	Plumbing Mini Split Piping	\$8,000	\$8,000				\$8,000	100.0%	\$0
15.018	Plumbing Chemical Feed Piping	\$15,000	\$15,000				\$15,000	100.0%	\$0
15.019	Plumbing Fixtures	\$32,000	\$32,000				\$32,000	100.0%	\$0
15.020	Plumbing Boilers	\$85,000	\$85,000				\$85,000	100.0%	\$0
15.021	Plumbing Boiler Demo	\$12,000	\$12,000				\$12,000	100.0%	\$0
15.022	Plumbing Insulation	\$12,000	\$9,600	20.00%	\$2,400		\$12,000	100.0%	\$0
15.023	HVAC Ductwork Fabrication	\$10,000	\$10,000				\$10,000	100.0%	\$0
15.024	HVAC Ductwork Installation	\$38,000	\$38,000				\$38,000	100.0%	\$0
15.025	HVAC Mobilization	\$6,000	\$6,000				\$6,000	100.0%	\$0
15.026	HVAC Test and Balance	\$5,000	\$5,000				\$5,000	100.0%	\$0
15.027	HVAC Sheetmetal and Accessories	\$26,000	\$26,000				\$26,000	100.0%	\$5,000
15.028	HVAC Equipment	\$93,000	\$93,000				\$93,000	100.0%	\$0
<b>Subtotal for Division 15</b>		<b>\$1,438,300</b>	<b>\$1,421,700.00</b>		<b>\$2,400</b>	<b>\$0</b>	<b>\$1,424,100</b>	<b>99.01%</b>	<b>\$14,200</b>
check \$1,421,700									

Item No.	B Description of Work	C Scheduled Value	D Work Completed		E		F Material Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Percent Completed (G/C)	I Balance To Finish (C-G)
			From Previous Application	This Period	Percent	Amount				
<b>Division 16</b>										
16.001	Electrical Mobilization	\$70,000	\$70,000					\$70,000	100.0%	\$0
16.002	Electrical GC's	\$40,000	\$40,000					\$40,000	100.0%	\$0
16.003	Electrical Requirements - 16000D1	\$15,000	\$15,000					\$15,000	100.0%	\$0
16.004	Wiring Materials - Material	\$560,000	\$554,400		0.50%		\$2,800	\$557,200	99.5%	\$2,800
16.005	Wiring Materials - Installation	\$440,000	\$429,000		2.00%		\$8,800	\$437,800	99.5%	\$2,200
16.006	Transformer - Materials	\$70,000	\$70,000					\$70,000	100.0%	\$0
16.007	Transformer - Installation	\$10,000	\$10,000					\$10,000	100.0%	\$0
16.008	MCC - Materials	\$200,000	\$200,000					\$200,000	100.0%	\$0
16.009	MCC - Installation	\$30,000	\$30,000					\$30,000	100.0%	\$0
16.010	Lighting - Materials	\$40,000	\$40,000					\$40,000	100.0%	\$0
16.011	Lighting - Installation	\$15,000	\$15,000					\$15,000	100.0%	\$0
16.012	Engineering - ASC	\$175,000	\$173,250		0.50%		\$875	\$174,125	99.5%	\$875
16.012	SCADA Equipment - Materials	\$1,150,000	\$1,139,650		0.25%		\$2,875	\$1,142,525	99.4%	\$7,475
16.013	SCADA Equipment - Installation	\$35,000	\$31,850		4.00%		\$1,400	\$33,250	95.0%	\$1,750
<b>Subtotal for</b>	<b>Division 16</b>	<b>\$2,850,000</b>	<b>\$2,818,150.00</b>				<b>\$16,750</b>	<b>\$2,834,900</b>	<b>99.47%</b>	<b>\$15,100</b>
		check	\$2,818,150					Check		
	<b>Grand Total</b>	<b>\$16,776,900</b>	<b>\$15,621,876</b>				<b>\$271,793</b>	<b>15,894,075</b>	<b>94.74%</b>	<b>\$882,825</b>

# Fort Dodge, IA WWTF

## Stored Materials & Equipment Summary

Gridor Constr., Inc.  
3090 27th Street SE  
Buffalo, MN 55313



Pay Req. No. 19  
Period Ending: 5/31/2014

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total installed to date	Amount Remaining in Storage
<b>Grand Totals</b>		<b>\$16,776,900</b>								
1.001	Mobilization, Insurance and Bonds	\$460,000								
1.002	Contingency Allowance	\$400,000								
1.003	HMA Paving Allowance	\$170,000								
1.004	Administration Building Backflow Prevention Allowance	\$25,000								
1.005	Stormwater Return Flow Meter Allowance	\$50,000								
1.006	SE Gate Access System and Septic Hauler Dump Sta.	\$85,000								
<b>Subtotal for</b>	<b>Division 1</b>	<b>\$1,180,000</b>								

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total installed to date	Amount Remaining in Storage
<b>Division 2</b>										
2.001	Erosion Control / Silt Fence	\$15,000								
2.002	Clear and Grub Site	\$25,000								
2.003	Fine Grade and Restore Site	\$20,000								
2.004	Excavation and Backfill - VLR Structure	\$400,000								
2.005	Excavation and Backfill - RAS PS / Clarifier	\$250,000								
2.006	Excavation and Backfill - Aerobic Digester	\$175,000								
2.007	Excavation and Backfill - Misc Structures	\$30,000								
2.008	Landscaping and Seelings	\$15,000								
2.009	Chain Link Fences	\$40,000								
2.010	Road Improvements - Unit Bid Item	\$50,000								
2.011	Paving and Base Course	\$140,000								
2.012	Site Utilities - Labor & Equipment	\$250,000								
2.013	Site Utilities - Material	\$425,000	\$283,197			\$283,197			\$283,197	
2.014	Lagoon Excavation Labor and Material	\$75,000								
2.015	Lagoon Cleaning - Unit Bid Item	\$110,000								
2.016	Digester Cleaning - Unit Bid Item	\$30,100								
2.017	Below Grade Demo - Unit Bid Item	\$69,000								
2.018	Demo Labor and Material	\$50,000								
2.019	Manholes and RCP - Labor and Equipment	\$5,000								
2.020	Manholes and RCP - Materials	\$35,000								
2.021	Retaining Walls	\$8,000								
<b>Subtotal for</b>	<b>Division 2</b>	<b>\$2,217,100</b>	<b>\$283,197</b>	<b>\$0</b>		<b>\$283,197</b>	<b>\$0</b>	<b>\$0</b>	<b>\$283,197</b>	<b>\$0</b>

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total installed to date	Amount Remaining in Storage
<b>Division 3</b>										
3.001	F/P/I Concrete 6800 cy @ 360 cy	\$2,448,000	\$23,857			\$23,857			\$23,857	
3.002	Rebar Material	\$750,000	\$493,907			\$493,907			\$493,907	
3.003	Rebar Labor	\$400,000								
3.004	Precast Concrete	\$105,000								
<b>Subtotal for</b>	<b>Division 3</b>	<b>\$3,703,000</b>	<b>\$517,764</b>	<b>\$0</b>		<b>\$517,764</b>	<b>\$0</b>	<b>\$0</b>	<b>\$517,764</b>	<b>\$0</b>

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total installed to date	Amount Remaining in Storage
<b>Division 4</b>										
4.001	Masonry - RAS Building	\$30,000								
4.002	Masonry - Blower Buildings	\$105,000								
4.003	Masonry - Mixing Building	\$40,000								
<b>Subtotal for</b>	<b>Division 4</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# Fort Dodge, IA WWTF

## Stored Materials & Equipment Summary

Grider Constr., Inc.  
3990 27th Street SE  
Buffalo, MN 55313



Pay Req. No. 19  
Period Ending: 5/31/2014

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total installed to date	Amount Remaining in Storage
<b>Division 5</b>										
5.001	Misc Metals - Materials	\$335,000	\$254,388			\$254,388	\$250,000	\$4,388	\$254,388	
5.002	Misc Metals - Labor	\$50,000								
5.003	FRP Items - Not Weirs and Baffles	\$3,000	\$1,959			\$1,959	\$1,959		\$1,959	
	<b>Division 5</b>	<b>\$388,000</b>	<b>\$256,347</b>	<b>\$0</b>		<b>\$256,347</b>	<b>\$251,959</b>	<b>\$4,388</b>	<b>\$256,347</b>	<b>\$0</b>
<b>Division 6</b>										
6.001	Carpentry	\$6,000								
	<b>Division 6</b>	<b>\$6,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Division 7</b>										
7.001	Masonry Water Repellant	\$4,500								
7.002	Dampproofing	\$5,000								
7.003	Insulation	\$5,000								
7.004	Roofing and Sheetmetal	\$65,000								
7.005	Access Hatches	\$7,000	\$4,170			\$4,170	\$4,170		\$4,170	
7.006	Caulking	\$6,500								
	<b>Division 7</b>	<b>\$93,000</b>	<b>\$4,170</b>	<b>\$0</b>		<b>\$4,170</b>	<b>\$4,170</b>	<b>\$0</b>	<b>\$4,170</b>	<b>\$0</b>
<b>Division 8</b>										
8.001	Aluminum Doors / Frames / Hardware / Glass	\$95,000	\$57,148			\$57,148	\$57,148		\$57,148	
8.002	Overhead Doors	\$8,000								
	<b>Division 8</b>	<b>\$103,000</b>	<b>\$57,148</b>	<b>\$0</b>		<b>\$57,148</b>	<b>\$57,148</b>	<b>\$0</b>	<b>\$57,148</b>	<b>\$0</b>
<b>Division 9</b>										
9.001	Painting - VLR Structure	\$15,000								
9.002	Painting - Clarifier	\$30,000								
9.003	Painting - South RAS Building	\$18,000								
9.004	Painting - South Blower BLDG	\$15,000								
9.005	Painting - East Blower Building	\$10,000								
9.006	Painting - West Blower BLDG	\$10,000								
9.007	Painting - Aerobic Digester	\$4,000								
9.008	Painting - Sludge Pump Mixing Building	\$23,000								
9.009	Painting - Decant Structures	\$5,000								
	<b>Division 9</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Division 10</b>										
10.001	Fire Extinguishers	\$1,000								
	<b>Division 10</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

# Fort Dodge, IA WWTF

## Stored Materials & Equipment Summary

Gridor Constr., Inc.  
3900 27th Street SE  
Buffalo, MN 55313



Pay Req. No. 19  
Period Ending: 5/31/2014

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total installed to date	Amount Remaining in Storage
<b>Division 11</b>										
11.001	Sluice Gates and Slide Gates - 11210 & 11220	\$170,000	\$129,160			\$129,160	\$129,160		\$129,160	
11.002	Clarification Equipment- 11223 - Material only	\$2,325,000	\$1,866,800			\$1,866,800	\$1,866,800		\$1,866,800	
11.003	Clarification Equipment- 11223 - Labor & Equip	\$30,000								
11.004	Weir Brushes for Clarifiers 11224	\$57,000	\$39,800			\$39,800	\$27,800	\$12,000	\$39,800	
11.005	Vertical Loop Reactor - Mat. w/11.002 - Lab only	\$80,000								
11.006	Jet Aeration System - 11318 - Material	\$575,000	\$488,800			\$488,800	\$400,000	\$88,800	\$488,800	
11.007	Jet Aeration System - 11318 - Labor	\$30,000								
11.008	PD Blower Equipment - 11321 - L & M	\$425,000	\$422,420			\$422,420	\$422,420		\$422,420	
11.009	Sub Non Clog Pumps - 11324 - L&M	\$150,000	\$141,500			\$141,500	\$141,500		\$141,500	
11.010	Horizontal Propeller Pumps - 11326 - L&M	\$170,000	\$151,799			\$151,799	\$151,799		\$151,799	
11.011	Sub Pump w/Axial Propeller - 11340 - L&M	\$50,000	\$19,000			\$19,000	\$19,000		\$19,000	
11.012	Hypochlorite Feed Equipment - 11571 L&M	\$65,000	\$55,096			\$55,096	\$55,096		\$55,096	
11.013	UV Equipment - 11572 - L&M	\$200,000	\$157,784			\$157,784	\$157,784		\$157,784	
11.014	Dig. Mixing Sys. - 11660 - M w/11.006 - L w/11.007	\$0								
11.015	Sludge Heater - 11669 - M/w/11.006 - Lab only	\$3,500								
11.016	Weirs and Baffles - Labor only - Mat w/11.002	\$10,000								
<b>Subtotal for Division 11</b>		<b>\$4,340,500</b>	<b>\$3,472,159</b>	<b>\$0</b>		<b>\$3,472,159</b>	<b>\$3,371,359</b>	<b>\$100,800</b>	<b>\$3,472,159</b>	<b>\$0</b>

<b>Division 12</b>										
Subtotal for	NONE	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0

<b>Division 13</b>										
13.001	Aluminum Domes	\$150,000								
<b>Subtotal for Division 13</b>		<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>Division 14</b>										
14.001	Hoists	\$2,000	\$406			\$406				
<b>Subtotal for Division 14</b>		<b>\$2,000</b>	<b>\$406</b>	<b>\$0</b>		<b>\$406</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$406</b>

<b>Division 15</b>										
15.001	Int. DIP & FTGS - Material	\$495,300	\$292,035			\$292,035	\$292,035		\$292,035	
15.002	Int. DIP & FTGS - Labor	\$125,000								
15.003	Int. Plug/Check/BF/Knife Gate	\$65,000	\$63,522			\$63,522	\$63,522		\$63,522	
15.004	Interior Gate Valves	\$155,000	\$76,903			\$76,903	\$76,903		\$76,903	
15.005	Tide Flex Check	\$5,000	\$4,327			\$4,327	\$4,327		\$4,327	
15.006	PRVs	\$25,000	\$12,763			\$12,763	\$12,763		\$12,763	
15.007	Telescoping Valves	\$20,000	\$14,753			\$14,753	\$14,753		\$14,753	
15.008	Misc Process Pipe - Material	\$25,000								
15.009	Misc Process Pipe - Labor	\$20,000								
15.010	Blower Pipe Insulation	\$33,000								
15.011	Plumbing Mobilization	\$14,000								
15.012	Plumbing Demo	\$7,000								
15.013	Plumbing Underground DWV	\$30,000								

# Fort Dodge, IA WWTF

## Stored Materials & Equipment Summary

Gridor Constr., Inc.  
3890 27th Street SE  
Buffalo, MN 55313



Pay Req. No. 19  
Period Ending: 5/31/2014

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total Installed to date	Amount Remaining in Storage
15.014	Plumbing Above Ground DWV	\$7,000								
15.015	Plumbing Domestic Cold Water	\$25,000								
15.016	Plumbing Boiler Room Heat Piping	\$45,000								
15.017	Plumbing Mini Split Piping	\$8,000								
15.018	Plumbing Chemical Feed Piping	\$15,000								
15.019	Plumbing Fixtures	\$32,000	\$11,767			\$11,767	\$11,767		\$11,767	
15.020	Plumbing Boilers	\$85,000	\$69,660			\$69,660	\$69,660		\$69,660	
15.021	Plumbing Boiler Demo	\$12,000								
15.022	Plumbing Insulation	\$12,000								
15.023	HVAC Ductwork Fabrication	\$10,000								
15.024	HVAC Ductwork Installation	\$38,000								
15.025	HVAC Mobilization	\$6,000								
15.026	HVAC Test and Balance	\$5,000								
15.027	HVAC Sheetmetal and Accessories	\$26,000								
15.028	HVAC Equipment	\$93,000	\$61,190			\$61,190	\$61,190		\$61,190	
<b>Subtotal for Division 15</b>		<b>\$1,438,300</b>	<b>\$606,920</b>	<b>\$0</b>		<b>\$606,920</b>	<b>\$606,920</b>	<b>\$0</b>	<b>\$606,920</b>	<b>\$0</b>

Pay Item No.	Pay Application Work Item	Scheduled Value	Previous Stored To Date	New Storage This Month	Vendor/Description for New Storage	Total Stored to Date	Previous Installed to date	Installed this month	Total Installed to date	Amount Remaining in Storage
<b>Division 16</b>										
16.001	Electrical Mobilization	\$70,000								
16.002	Electrical GC's	\$40,000								
16.003	Electrical Requirements - 16000D1	\$15,000								
16.004	Wiring Materials - Material	\$560,000								
16.005	Wiring Materials - Installation	\$440,000								
16.006	Transformer - Materials	\$70,000								
16.007	Transformer - Installation	\$10,000								
16.008	MCC - Materials	\$200,000								
16.009	MCC - Installation	\$30,000								
16.010	Lighting - Materials	\$40,000								
16.011	Lighting - Installation	\$15,000								
16.012	Engineering - ASC	\$175,000								
16.012	SCADA Equipment - Materials	\$1,150,000								
16.013	SCADA Equipment - Installation	\$35,000								
<b>Subtotal for Division 16</b>		<b>\$2,850,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Grand Totals**      \$16,776,900      \$5,198,111      \$0      \$5,198,111      \$5,092,517      \$105,188      \$5,197,705      \$406

SECTION 00 62 76

PARTIAL PAYMENT ESTIMATE NO. 19

PARTIAL PAY ESTIMATES PAID-TO-DATE

WASTE WATER SYSTEM IMPROVEMENTS 2011

FORT DODGE, IA

PHASE D - WASTWATER TREATMENT

SECTION 1: WATER POLLUTION CONTROL FACILITY EXPANSION

CWSRF PROJECT NO. I920645 01

DATE: FROM: 05/01/14 TO: 05/30/14

CONTRACTOR:

GRIDOR CONSTR, INC.

ORIGINAL CONTRACT AMOUNT:

\$16,776,900.00

CHANGE ORDERS:

\$0.00

NO.

DATE  
1/24/2014

AMOUNT  
\$0.00

REVISED CONTRACT AMOUNT:

\$ 16,776,900.00

PAY ESTIMATES:

<u>DATE</u>	<u>PAY ESTIMATE NO.</u>	<u>AMOUNT</u>
11/30/2012	1	\$ 213,750.00
12/31/2012	2	\$ 490,136.35
1/31/2013	3	\$ 674,521.85
2/28/2013	4	\$ 795,926.15
3/31/2013	5	\$ 887,738.90
4/30/2013	6	\$ 1,252,834.35
5/31/2013	7	\$ 1,140,778.05
6/30/2013	8	\$ 1,344,457.10
7/31/2013	9	\$ 1,153,911.80
8/31/2013	10	\$ 787,127.25
9/30/2013	11	\$ 1,706,811.80
10/31/2013	12	\$ 1,238,476.05
11/30/2013	13	\$ 921,003.15
12/31/2013	14	\$ 894,628.30
1/31/2014	15	\$ 578,455.00
2/28/2014	16	\$ 374,463.40
3/31/2014	17	\$ 364,658.45
4/30/2014	18	\$ 621,418.55
		<u>\$ 15,441,096.50</u>

Estimate No.	CO #	Approved Amount	Billed this Period	Completed to Date	Remaining to Bill
9	1.1	-\$8,500.00		-\$8,500.00	\$0.00
9	1.2	-\$59,543.00		-\$59,543.00	\$0.00
9	1.3	\$5,996.00		\$5,996.00	\$0.00
9	1.4	\$21,527.00		\$21,527.00	\$0.00
9	1.5	\$19,727.00		\$19,727.00	\$0.00
9	1.6	-\$644.00		-\$644.00	\$0.00
9	1.7	\$3,206.00		\$3,206.00	\$0.00
9	1.8	-\$8,000.00		-\$8,000.00	\$0.00
9	1.9	\$1,300.00		\$1,300.00	\$0.00
9	1.10	\$1,564.00		\$1,564.00	\$0.00
9 & 15	1.11	\$891.00		\$891.00	\$0.00
9	1.12	\$29,740.00		\$29,740.00	\$0.00
11	1.13	\$5,551.00		\$5,551.00	\$0.00
11 & 15	1.14	\$10,451.00		\$10,451.00	\$0.00
11	1.15	\$3,250.00		\$3,250.00	\$0.00
11	1.16	\$2,290.00		\$2,290.00	\$0.00
15	1.17	\$3,035.00		\$3,035.00	\$0.00
15	1.18	\$3,543.00		\$3,543.00	\$0.00
15	1.19	\$1,577.00		\$1,577.00	\$0.00
15	1.20	\$1,867.00		\$1,867.00	\$0.00
15	1.21	\$13,420.00		\$13,420.00	\$0.00
17	2.4	\$9,582.00		\$9,582.00	\$0.00
17	2.5	\$10,577.00		\$10,577.00	\$0.00
19	2.7	\$235,472.00		\$235,472.00	\$0.00
19	2.8	\$1,009.00		\$1,009.00	\$0.00
19	2.9	\$849.00		\$849.00	\$0.00
19	3.0	-\$25,694.00		-\$25,694.00	\$0.00
19	3.1	\$505.00		\$505.00	\$0.00
19	3.2	\$60,793.00		\$60,793.00	\$0.00
19	3.3	\$85,931.00		\$85,931.00	\$0.00
19	3.4	\$15,261.00		\$15,261.00	\$0.00
19	3.5	-\$13,283.00		-\$13,283.00	\$0.00
19	3.6	\$0.00		\$0.00	\$0.00

Approved Contingency Allocation: \$433,250.00  
 Contingency Allowance: \$730,000.00  
 Contingency Remaining: \$296,750.00  
 Contingency Amount Billed This Period: \$0.00