# WATER BOARD OF TRUSTEES

# Regular Meeting December 10, 2018 4:00 PM

Location: 1208 South 7th St.

## Agenda

- 1. Approve Agenda.
- 2. Approve minutes of the November 13, 2018 regular meeting.
- 3. Approve invoices and Financial Statements.
- 4. Customer Forum.
- 5. Consideration and discussion of sewer backup complaint for 1506 A Avenue East.
- 6. Consideration and discussion of billing issue for 513 E Avenue East Apartment 4.
- 7. Consideration and discussion of high water bill for 1606 South 5<sup>th</sup> Street.
- 8. Consideration and discussion of pay application #6 from Dave Schmitt Construction Company, Inc. for South D water main replacement.
- 9. Consideration and discussion of Change Order #2 from Maguire Iron for the Elevated Storage Tanks Preparation & Painting Project.
- 10. Consideration and discussion of Final pay application from Maguire Iron for the Elevated Storage Tanks Preparation & Painting Project.
- 11. Consideration and discussion of updating Employee Manual Section 5, Insurance Benefits, A. Health Insurance.
- 12. Discussion of waste water operations.
- 13. General Manager's update.
- 14. Updates from members of the Board of Trustees.
- 15. Adjourn.

#### **INFORMATION CONCERNING AGENDA ITEMS:**

#### Agenda Item #4

Chair – Please read this statement to the audience.

"This is the item reserved to receive comments from the community, our customers, for concerns whether or not they are included in the current agenda. The community is encouraged to come and speak before the Water Board of Trustees and asked to keep statements brief. Any questions are to be asked of the Water Department staff and Board of Trustee members prior to speaking to the full Board of Trustees so concerns may be properly researched and answered away from the meeting. Comments are to be directed to the Board of Trustees only."

There are other agenda items this month that have been requested by customers and/or City staff for discussion.

#### Agenda Item #5

The City is looking for a recommendation from the Board of Trustees for future action on this issue. The property owners at 1506 A Avenue East suffered a sewer backup in the basement on or around October  $8^{th}$ . This was during a period of heavy rain when Oskaloosa received about 22 inches of rain in a 7-10 day stretch. Staff investigated and were unable to find a blockage causing the issue, but rather the collection system was overwhelmed by the volume of flow due to the rains. The property owners have insurance coverage, but it only covered a portion of the loss suffered. They have approached the City about the issue and the difference between what their insurance is willing to cover and the total of the damages suffered. I have reached out to the owner about attending the meeting to discuss the issue with the Board. She has indicated that she is working her schedule to be able to attend the meeting and would like to discuss the initial handling of the problem with the Board of Trustees.

#### Agenda Item #6

There was a billing issue between the accounts for 513 E Avenue East, Apartments 2 and 4, that existed from the time the meters were changed in December of 2016 and October of 2018. This issue resulted in bills being switched for the two accounts and an overcharge to one tenant and undercharge for the other tenant. When OMWD was notified about the problem staff worked to determine the amount of over- and under-billing for each account. A refund was issued to the account holder who had been over-billed. Staff contacted the account holder who was under-billed to discuss the issue and set up payment arrangements. That account holder has asked to address the Board about the matter and seek remediation through the Board. OMWD policy 2.49 address this issue; "In the event of errors in the amount billed for water service the amounts due to or from customers shall be subject to retroactive adjustment for a period not more than five (5) years prior to the date of discovery of the error." Hard copies of consumption for each account will be available at the meeting. It is staff recommendation to enforce the retroactive adjustment and set up payment arrangements with the account holder.

# Agenda Item #7

The account holder for 1606 South 5<sup>th</sup> Street was notified by staff of high water usage and found a toilet in the basement that had been leaking causing consumption to spike from a normal of 1 unit per

month to 169 units. A sanitary sewer reduction request form has been received and will be processed, but the account holder would like to discuss a reduction of the water portion of the bill as well. The water portion for this billing is \$1,194.83. Hard copies of consumption will be available at the meeting. It is staff recommendation to allow no reduction in billing, but to allow for a payment plan.

# Agenda Item #8

In your packets you will find information that has been provided through Garden & Associates for Pay Application #6 from Dave Schmitt Construction for the South D Street project. The City Council considered this application at their meeting held December 3<sup>rd</sup>. The water main work is Division 2 for this project when you are looking at the information. As this is an Iowa DOT bid project, there is only a 3% retainage allowed. On this application there is a cumulative total of \$355,013.45 worth of work that has been completed and verified by Garden & Associates. The retainage holds back \$4,058.53, leaving \$350,954.92. Previous pay applications paid down \$350,432.82, which leaves \$522.11 due and owing on this application. There is an issue in the math with the pay application that has been discussed with Garden & Associates. Due to the rounding for the 3% retainage, there is always \$0.01 in one division or another that is miscalculated. It happens that Division 2 is affected this month. Garden will go through each individual pay application and determine how much has been paid for each division and adjust the final pay application accordingly. Staff recommendation is to approve pay application #6 from Dave Schmitt Construction as presented.

Г	Div. 1	Div. 1	Div. 2	Div. 3	
	Part.	Non-Part.	Non-Part.	Non-Part.	Total
Total Completed to Date =	\$2,214,637.01	\$7,606.75	\$355,013.45	\$46,947.50	\$2,624,204.71
Amount Retained (@3%, \$30,000 Max.) =	\$25,317.81	\$86.96	\$4,058.53	\$536.71	\$30,000.00
Total Completed Less Retainage =	\$2,189,319.20	\$7,519.79	\$350,954.92	\$46,410.79	\$2,594,204.71
Less Previous Payments to Contractor =	\$1,916,914.92	\$7,508.60	\$350,432.82	\$20,239.05	\$2,295,095.39
Amount Due Contractor this Application =	\$272,404.28	\$11.19	\$522.11	\$26,171.74	\$299,109.32

From the City Council agenda packets:

Troni the City Council agen	da packets.			
Summary of Pay Requests	<u>s*:</u>			
	Public Works	Water Dept.	Total Payment	Approval
	(A)	(B)	(A+B)	Date
Application #1	\$159,743.30	\$144,596.50	\$304,339.80	07/02/18
Application #2	\$382,703.53	\$29,369.08	\$412,072.61	08/06/18
Application #3	\$500,693.13	\$144,452.87	\$645,146.00	09/04/18
Application #4	\$325,408.96	\$16,208.13	\$341,617.09	10/01/18
Application #5	\$576,113.65	\$15,806.24	\$591,919.89	11/5/18
Application #6*	\$298,587.21	\$522.11	\$299,109.32	12/3/18*
Retainage	\$25,941.47	\$4,058.53	\$30,000.00	
Remaining	\$210,708.64	\$11,636.54	\$222,345.18	

#### Agenda Item #9

In your agenda packets you will find information from Garden & Associates about Change Order #2 from Maguire Iron for the water tower painting project. This change order reduces the overall

contract by \$6,600.00. This is to reflect the extra money that was spent on inspection services due to the length of time that it took to complete this project. For OMWD it means a net zero in cost. It is staff recommendation to approve Change Order #2 as presented.

# Agenda Item #10

This is the final pay application from Maguire Iron for the Elevated Storage Tanks Preparation & Painting Project. As noted in Agenda Item #9, the total amount of the contract has been reduced by \$6,600.00 by Change Order #2. This brings the final cost for the north tank to \$231,100.00. OMWD has paid \$222,395.00 to date, leaving a balance due of \$8,705.00. The final cost for the south tank is now \$223, 900.00. OMWD has paid \$216,125.00 to date, leaving a balance due of \$7,775.00. The total due for both towers on this final pay application is \$16,480.00. Also in the agenda packets you will find a letter from Garden & Associates signifying a completed contract. There is a small leak around a riveted seam on the south tower that will be inspected in the spring of 2019 and either repaired at that time or re-evaluated and repaired as part of the first anniversary inspection. As the issue of extra inspection costs have been handled through the change order, it is staff recommendation to approve final payment to Maguire Iron for the Elevated Storage Tanks Preparation & Painting Project as presented.

# Agenda Item #11

This is the agenda item to discuss any changes that may need to be made to the employee manual language for health insurance. In 2017 the OMWD Board of Trustees voted to have employees start sharing the cost of health insurance premiums at a rate of 2.5% of the premiums on a monthly basis. There was discussion about increasing that rate to 5% of the premium cost on a monthly basis. In order to maintain a grandfathered health insurance policy, this is the maximum amount that can be cost shared with the employees. If the Board were to continue with the current rate of 2.5% cost share, employees would contribute approximately \$7,400.00 in 2019. Should the Board choose to increase that amount to 5%, employees will contribute approximately \$14,800.00 in 2019, an increase of approximately \$7,400.00. The current policy manual language states: "Effective January 1, 2018, all employees will contribute 2.5% towards their elected health insurance coverage per month. This amount will be deducted from the first paycheck of each month. (Updated December 11, 2017)." Should the Board choose to make changes, language in this section of the employee manual will need to be updated accordingly. If no changes are made to the cost share for employees, there is no action needed on the employee manual.

#### Agenda Item #12

Collection System Operations:

This last month staff worked on gathering total jetting and televising numbers for the annual report to the City Council, responded to a power loss at the University Park lift station that resulted in a small bypass. There was a squirrel that shorted out a transformer. The DNR was notified of the bypass. Staff also spent time televising different areas of town for either Phase 3 work, or to locate taps for Phase 2 work assisting the contractors, or looking at other potential problems in the collection system. They responded to complaints of sewer back-ups to determine whether it was a collection system issue or rather a private lateral issue. They performed 30, 60, 90 day jetting work, tried to locate manholes that were buried below grade, reviewed plans for upcoming work that would affect

City owned storm and sanitary sewers, televised and GPS'd manholes in section of town, went after manhole sections from the manufacturer and then worked with a local contractor to repair and replace a manhole that had suffered concrete failure, worked with a local plumber to determine that there had been a connection that was missed during the 2017 Sanitary Sewer project. The general contractor has been contacted to come back and complete the connection. Staff also assisted with a manhole replacement out by Interpower. There is a line from the Armory that dumps into this manhole and a special concrete mix was used to help eliminate corrosion from Hydrogen Sulfide gas formation. Staff televised a sewer line on A Avenue West that had a manhole renovation that seems to be out of alignment. Staff are working with Garden & Associates to determine how to proceed with any repairs that may be needed. They also removed rag baskets from different lift stations as part of their monthly work. There is a major purchase scheduled for next fiscal year in the replacement of the combination jetter/vacuum truck. Staff have met different vendors and determined which unit best fits their needs and we will be putting an item before the City Council for affirmation of purchase. We are hoping to take delivery after the start of the next fiscal year, but due to lead times, the order will need to be placed and confirmed in the very near future. There were 6000 gallons of water used for jetting purposes.

# Plant Operations:

We had a plant bypass this last week due to the snow melt and rainfall received over the weekend of December 1st and 2nd. The DNR was notified of this issue as well. Staff worked on the mixers at the digester, cleaned up the Ag Gator because we thought we were done hauling due to the weather only to be able to go back out this last week and start hauling bio-solids out of the EQ basin again. Fuel for the generators was treated for winter weather, hoses and pumps were cleaned up at the south plant from the in-plant sewer pump that was recently replaced. The lagoon pump suffered a major breakdown that staff were able to get repair parts for quickly and get it back up and running. Staff worked on maintenance issues at both the north and south plants, checked fire extinguishers, and looked for a leak at the south plant after learning of excessive water consumption from office staff. They worked on a diverter in a manhole at the south plant to direct decant water from the digester back to the headworks instead of letting it go back to the EQ basin. There was a bearing that was replaced on Blower #7 at the south plant, a damper that was replaced for the digester boiler and rag baskets were emptied for each plant. As winter nears and staff have less opportunity to complete work in the collection system one of the staff members has been directed to spend time learning lab techniques for collecting and sampling so that next summer when the lab recertification is happening we can show that there is a trained back-up.

#### Storm Sewer Operations:

Staff replaced storm lids in different locations around Oskaloosa, looked into complaints on South 9<sup>th</sup> as well as near Kentucky Fried Chicken, met with staff from Garden & Associates in reference to possible storm infrastructure near a future water main project, investigated storm sewer for upcoming construction work for a private industry and fixed a sinkhole near B Avenue West and North C Street.

The annual report that will be shared with the City Council is also attached to this agenda packet.

# Agenda Item #13

#### Distribution System Operations:

There is a leak north of the intersection of North 11<sup>th</sup> and A Avenue East. Staff are planning to close down that intersection on Monday to complete the repairs. There are 2 water mains in that location,

a 6" and a 12". We last had problems in that area in 2009 during the water plant renovation. That is the only water main leak for the last month. Garden & Associates have provided easement documents so that we can work on getting those agreed to for the water main project that will go to bid this winter. Rocky Stevens has notified us that he intends to be done working on December 21st. We have placed announcements on several websites and have started accepting applications. The plan is to start scheduling interviews the week of December 10th. I expect that we will have someone in place the first of second week of January.

#### Plant Operations:

Staff have spent time down in the well field to ensure all of the wells were ready for winter weather. There is a control valve off of high service pump #5 that needs repaired. Staff have been working with engineering staff from Clow to ensure that we get the right parts and can make the repairs with assistance from Clow staff. There is a pipe from the filter effluent that is in disrepair that staff are working to replace. This particular pipe has straightening vanes in it to assist with measurement of flow as well as the addition of fluoride. The recarbonation basin had its annual cleaning this last month and all of the settling basins and the flocculation basin also were emptied and cleaned out. We have ordered two replacement mixer drive units for the flocculation basins. There are five units total.

# Office Operations:

We had 59 shut-offs this last week. Budget information has been shared with PFM staff and they are reviewing it and going to provide guidance to staff in a couple of weeks so that we can fine tune it before meeting with the Board at the beginning of January.

#### Agenda Item #14

This is an item for members of the Board to provide updates or request future agenda items.

# **APPLICATION FOR PARTIAL PAYMENT NO. 6**

IDOT Project No: STP-U-5780(615)--70-62

**Project:** D Street Reconstruction: PCC Pavement - Grade & Replace

Owner:	City Of Oskaloosa			
Contractor:	Dave Schmitt Construction Co., Inc.		Payment Period: October 19, 2018 to	November 15, 2018
Address:	250 50th Avenue S.W.			
-	Cedar Rapids, Iowa 52404		<u> </u>	
Date:	November 16, 2018			
1. Contra	ct Summary			
			Contract Working Day Report	
	Original Contract Price:	\$2,920,902.14		
		474.050.05	Notice to Proceed: May 7, 2018	
	Net Change by Change Order:	-\$74,352.25		
		4	Original Contract Time:	135
	Contract Amount to Date:	\$2,846,549.89		
			Added by Change Order:	1.5
2. Work S	ummary			
	from the appropriate provide state and control of	Section and representative and compared to the	Contract time to Date:	136.5
	Total Work Performed to Date:	\$2,624,204.71	Working Days to Date:	98
	Retainage: 3% (maximum \$30,000)	\$30,000.00	Working Days to Date:	<b>3</b> 0
	Retainage. 376 (maximum \$30,000)	\$30,000.00	Working Days Remaining:	38.5
	Total Less Retainage:	\$2,594,204.71		
	Total Previous Payments:	\$2,295,095.39		
	TOTAL AMOUNT DUE THIS APPLICATION:	\$299,109.32		
3. Contra	ctor's Certification			
	The undersigned CONTRACTOR certifies that:			
	All previous progress payments received from Ov	vner on account of Work (	under the Contract referred to above have	9
	been applied to discharge in full all obligations of			
	Applications for title to all material and equipme			
	this application for Payment are free and clear of	all liens, claims, security i	interests and encumbrances.	
	Dave Schmitt Construction	Co., Inc.		
	CONTRACTOR			
			Date: 11.19.18	
	By:		Date: 11.19.10	
	,			
4. Engine	ers Approval			
	Payment of the above AMOUNT DUE THIS A		ended:	
	Garden & Associates, I	_td.		
	ENGINEER			
	$(\ \ )$			
	By: Jack Saper		Date: 11-19-2018	
5. Owner	's Approval			
	City of Oskaloosa, lov	va		
	Owner			
			392 18	
	By:		Date:	

Application No.: 6

Contractor: Dave Schmitt Construction Co., Inc. Cedar Rapids, Iowa

Date of Application: November 16, 2018

0840 2599-9999005 LOWER/RELOCATE EXISTING WATER SERVICE

Project

County

D Street Reconstruction: PCC Pavement - Grade & Replace

Project No. STP-U-5780(615)--70-62 Contract ID

62-5780-615 Mahaska

\$955.0

\$0.00

\$0.00

\$955.00

20.00%

Oskaloosa

Project Amounts Project Quantities Contract Amounts Plan Quantity Div. 1 Div. 2 Div. 3 Div. 3 Div. 1 Div. 1 Div. 2 Div. 3 Percent Div. 2 Div. 1 Div. 1 Non-Non-Non-Total Part Non-Part Non-Part. Non-Part. Complete Non-Part Non-Part Non-Part No. Part. Part Part. Part Total Unit Price Bid Amount Part. Item Code Item Description \$35,793.20 \$0.00 \$0.00 \$35,793.2 100.00% \$35,793,26 0010 2102-2713070 EXCAVATION, CLASS 13, ROADWAY AND BORROW CY 2,081 2,08 \$17.20 2,081.0 103.00% \$11,391.80 \$0.00 \$0.00 \$11,391.8 0020 2105-8425005 TOPSOIL, FURNISH AND SPREAD CY 200 20 \$55.30 \$11,060.00 200 \$18,402.50 \$0.00 \$0.00 \$18,402.50 100.00% 425 CY 425 42 \$43.30 \$18,402.56 0030 2105-8425015 TOPSOIL, STRIP, SALVAGE AND SPREAD 23.51 \$13,224.38 \$0.00 \$0.00 \$13,224.38 100.00% \$13,224.38 23.5 \$562.50 0040 2109-8225100 SPECIAL COMPACTION OF SUBGRADE STA 23.51 \$72,828.00 \$0.00 \$0.00 \$72,828.00 100.00% \$40.80 \$72,828.0 1,785 0050 2115-0100000 MODIFIED SUBBASE CY 1,785 1,78 \$14,175.75 \$0.00 \$0.00 \$14,175.75 100.00% 46.1 STA 46.10 \$307.5 \$14,175.7 0060 2123-7450020 SHOULDER FINISHING, EARTH 46.1 \$21,555.60 \$0.00 \$0.00 \$21,555.60 107.72% \$69.0 \$20,010.00 312.40 0070 2301-1033070 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN. 290 29 9,745.0 \$574,955.00 \$0.00 \$0.00 \$574,955.00 100.00% SY 9,74 \$59.00 \$574,955.00 9,745 0080 2301-1033080 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C. CLASS 3 DURABILITY, 8 IN. 100.00% \$6,250.00 \$0.00 \$0.00 \$6,250.00 \$125.0 \$6,250.0 50 0090 2301-1033120 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 12 IN. \$0.00 100.00% \$0.00 LS \$5,000.0 \$5,000.0 \$5,000.00 \$5,000.00 0100 2301-6911722 PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES 83.71% \$62.0 \$4,650.00 62.78 \$3,892.36 \$0.00 \$0.00 \$3,892.36 0110 2312-8260051 GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE \$0.00 100.00% \$504.00 \$0.00 0120 2315-8275025 SURFACING, DRIVEWAY, CLASS A CRUSHED STONE TON \$60.4 \$604.00 10 \$604.00 \$2,792.00 \$11,168.00 \$8,376.00 0130 2401-6750001 REMOVALS, AS PER PLAN 75% 25% \$11,168.0 \$11,168.00 75.0% 25.0% \$0.00 \$0.00 \$0.00 0.00% SF \$50.0 \$6,500.00 \$0.00 0140 2430-0000100 MODULAR BLOCK RETAINING WALL 130 \$0.00 \$32,067.00 100.00% EACH \$3,563.0 \$32,067.00 \$32,067.00 0150 2435-0130148 MANHOLE, SANITARY SEWER, SW-301, 48 IN \$0.00 \$0.00 \$6,858.00 100.00% \$6,858.00 EACH \$3,429.0 \$6,858.00 0160 2435-0140148 MANHOLE, STORM SEWER, SW-401, 48 IN. \$15,856.00 \$15,856.00 \$0.00 100.00% \$0.00 0170 2435-0140172 MANHOLE, STORM SEWER, SW-401, 72 IN \$7,928.00 \$15,856.00 \$19,684.00 \$19,684.00 \$0.00 \$0.00 \$19,684.00 100.00% 0180 2435-0140184 MANHOLE, STORM SEWER, SW-401, 84 IN. EACH \$9,842.00 \$13,050.00 \$0.00 \$0.00 \$13,050.0 100.00% 0190 2435-0140196 MANHOLE, STORM SEWER, SW-401, 96 IN \$13,050.0 \$13,050.00 \$28,896.00 \$0.00 \$0.00 \$28,896.00 100.00% EACH \$28,896.00 0200 2435-0250100 INTAKE, SW-501 16 \$1,806.00 \$14,760.00 \$0.00 \$0.00 \$14.760.00 100.00% \$14,760.0 \$2,952.0 **EACH** 0210 2435-0250248 INTAKE, SW-502, 48 IN \$28,440.00 \$0.00 \$0.00 \$28,440.00 100.00% \$7,110.00 \$28,440.00 0220 2435-0250272 INTAKE, SW-502, 72 IN. 100.00% \$5,084.00 \$0.00 \$0.00 \$5,084,00 \$5,084.00 \$1,271.0 0230 2435-0251224 INTAKE, SW-512, 24 IN. \$0.00 100.00% \$0.00 \$578.50 EACH \$578.50 \$578.50 \$578.56 0240 2435-0400000 DROP CONNECTION, SW-307 \$0.00 100.00% \$1,082.00 \$1,082.00 \$0.00 \$1,082.00 \$1,082.00 0250 2435-0700010 | CONNECTION TO EXISTING MANHOLE \$0.00 \$0.00 100.00% \$57,122.00 LF \$13.00 \$57,122.00 4,394 \$57,122.00 0260 2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA. 4,394 \$0.00 \$10,416.00 100.00% 0270 2502-8221303 SUBDRAIN OUTLET, DR-303 EACH \$248.00 \$10,416.00 42 \$10,416.00 \$0.00 \$0.00 \$0.00 0.00% \$0.00 0280 2503-0112008 STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN. 1 F \$37.10 \$927.50 \$0.00 \$2,542.50 52.94% \$2,542.50 \$0.00 290 2503-0112012 STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN. \$56.50 \$4,802.50 \$0.00 \$3,381.95 93.08% 60.5 \$3,381.95 \$0.00 0300 2503-0114212 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN. \$55.90 \$3,633.50 65 \$0.00 \$0.00 \$99,317.40 98.12% \$99,317.40 1,123.5 0310 2503-0114215 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN. LF 1145 1,145 \$88.40 \$101,218.00 \$0.00 \$0.00 \$1,107.20 100.00% \$69.20 \$1,107.20 \$1,107.2 0320 2503-0114218 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN. 16 16 \$62,963.2 \$0.00 \$0.00 \$62,963.25 107.40% 655 \$89.56 \$58,622.5 703.5 0330 2503-0114224 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN. 655 \$4,837.30 \$4,837.30 \$0.00 \$0.00 \$4,837.30 100.00% \$79.30 0340 2503-0114227 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN. 61 61 320 \$180.50 \$57,760.00 319 \$57,579.5 \$0.00 \$0.00 \$57,579.50 99.69% 320 0350 2503-0114236 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN. 315 \$72,922.50 \$0.00 \$0.00 \$72,922.50 100.00% 315 31 \$231.50 \$72,922.50 0360 2503-0114242 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN. \$0.00 \$0.00 \$90,024.00 96.80% 363 \$90,024.00 0370 2503-0114248 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN. 375 375 \$248.00 \$93,000.00 \$64,138.44 \$0.00 \$0.00 \$66,227.64 103.26% LF 1,842 1,902 \$66.227.6 0380 2503-0200036 REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN. 1,842 \$34.82 \$37,158.0 100.00% \$0.00 660 \$56.30 \$37,158.00 660 \$37,158.0 660 0390 2503-0200136 REMOVE STORM SEWER PIPE GREATER THAN 36 IN. \$0.00 \$0.00 \$95,884.8 99.42% 1,362 \$95,884.8 LF 1,370 \$70.40 \$96,448.00 0400 2504-0114008 SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN. 1,370 \$8,959.8 99.09% \$8,959.8 0410 2504-0114012 SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN. LF \$82.20 \$9,042.00 109 110 110 \$0.00 \$6,637.50 98.33% \$6,637.56 \$0.00 LF \$112.50 \$6,750.00 59 0420 2504-0114018 SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 18 IN. \$0.00 \$17,085.60 105.94% \$17,085.6 \$0.00 339 0430 2504-0200404 SANITARY SEWER SERVICE STUB, POLYVINYL CHLORIDE PIPE (PVC), 4 IN LF 320 320 \$50.40 \$16,128.00 \$0.00 \$0.00 \$17,131.20 80.63% 258 \$17,131.20 0440 2504-0200406 SANITARY SEWER SERVICE STUB, POLYVINYL CHLORIDE PIPE (PVC), 6 IN. LF 320 320 \$66.40 \$21,248.00 \$6,375.30 \$0.00 \$0.00 \$6,375.3 68.30% \$9,334.30 237 0450 2504-0240036 REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN. LF 347 347 \$26.98 \$73,307.50 \$0.00 \$0.00 \$73,307.5 100.00% SY 12,425 \$73,307.50 12,425.0 12,425 \$5.90 0460 2510-6745850 REMOVAL OF PAVEMENT \$14,721.00 \$15,422.00 \$0.00 \$0.00 \$15,422.0 104.76% EACH \$701.00 0470 2510-6750600 REMOVAL OF INTAKES AND UTILITY ACCESSES 21 \$0.00 \$9,582.30 \$0.00 \$9.582.3 100.00% SY 1,638 \$5.85 \$9,582.30 1,638.0 1,638 0480 2511-6745900 REMOVAL OF SIDEWALK \$0.00 100.00% \$22,589.00 461.6 \$22.589.00 \$0.00 \$22,589.0 461 0490 2511-7526004 SIDEWALK, P.C. CONCRETE, 4 IN. \$0.00 100.00% SY 1,894 1,89 \$36.00 \$68,184.00 1,894 \$68,184.00 \$0.00 \$68,184.00 0500 2511-7526005 SIDEWALK, P.C. CONCRETE, 5 IN. \$0.00 \$38,502.00 100.00% \$0.00 \$54.00 \$38,502.00 713.0 \$38,502.00 713 0510 2511-7526006 SIDEWALK, P.C. CONCRETE, 6 IN. \$0.00 100.00% \$0.00 \$605.0 SY \$55.00 \$605.00 \$605.00 0520 2511-7526007 SIDEWALK, P.C. CONCRETE, 7 IN. \$29,855.00 \$0.00 \$0.00 \$29,855.0 98.05% SY 870 87 \$35.00 \$30,450.00 853 0530 2511-7528101 DETECTABLE WARNINGS \$28,756.00 \$0.00 \$28,756.0 104.73% 553.0 SY 528 52 \$52.00 \$27,456.00 0540 2515-2475006 DRIVEWAY, P.C. CONCRETE, 6 IN. \$990.0 \$0.00 \$0.00 \$990.00 100.00% SY \$55.00 \$990.00 18 0550 2515-2475007 DRIVEWAY, P.C. CONCRETE, 7 IN. 18 \$1,815.00 \$0.00 \$0.00 \$1,815.00 100.00% 550.0 \$1,815.00 0560 2515-6745600 REMOVAL OF PAVED DRIVEWAY SY 550 55 \$3.30 \$0.00 \$0.00 \$1,800.00 69.23% \$1,800.00 \$2,600.00 0570 2518-6910000 SAFETY CLOSURE EACH \$100.00 26 \$1,960.00 46.67% \$1,960.00 \$0.00 \$0.00 \$140.00 EACH \$4,200.00 0580 2524-6765010 REMOVE AND REINSTALL SIGN AS PER PLAN 30 \$0.00 \$0.00 \$0.00 \$0.00 0.00% \$15.00 \$105.00 0590 2524-9276010 PERFORATED SQUARE STEEL TUBE POSTS LF \$0.00 \$0.00 \$0.00 \$0.0 0.00% \$28.00 \$84.00 0600 2524-9325001 TYPE A SIGNS, SHEET ALUMINUM 25.00% 25.00% \$0.00 \$0.00 \$38,687.50 \$38,687.50 LS \$154,750.00 \$154,750.00 0610 2525-0000100 TRAFFIC SIGNALIZATION 0.00% \$0.00 \$3,600.00 \$3,600.00 \$0.00 \$0.00 \$0.0 0620 2525-0000120 REMOVAL OF TRAFFIC SIGNALIZATION 0.00% \$0.0 STA \$5,122.70 \$0.00 \$0.00 0630 2527-9263109 PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED 46.57 \$110.00 \$0.00 0.00% \$0.00 \$0.0 9649 2527-9263137 PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED \$90.00 \$360.00 \$0.00 \$945.00 \$8,505.00 90.00% \$7,560.00 0650 2528-8445110 TRAFFIC CONTROL 85% 10% 5% 100% \$9,450.00 \$9,450.00 80% 10% 3,260.00 \$16,520.00 165,200.00 100.00% XXXX \$140,420.00 LS 85% 10% 5% 100% \$165,200.00 \$165,200.00 XXXX XXXX 0660 2533-4980005 MOBILIZATION \$0.0 \$0.00 \$400.6 50.00% EACH \$100.00 \$800.00 0670 2549-0006311 INFILTRATION BARRIER \$0.00 \$0.00 9.00% \$0.00 \$0.00 TON 100 \$33.40 \$3,340.00 0680 2552-0000210 TRENCH FOUNDATION \$6,920.00 \$0.00 \$34,600.00 100.00% 80% 20% \$27,680.0 0690 2552-0000300 TRENCH COMPACTION TESTING 80% 20% 100% \$34,600.00 \$34,600.00 \$0.00 \$0.00 \$0.00 \$0.00 0.00% 0700 2554-0114004 WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 4 IN. LF 20 \$72.35 \$1,447.00 \$0.00 \$0.00 \$0.00 \$0.00 0.00% \$2,100.00 0710 2554-0114006 WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 6 IN. \$210.00 597.0 \$0.00 \$59,700.00 \$0.00 \$59,700.00 97.87% 610 LF 610 \$100.00 \$61,000.00 0720 2554-0114008 WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN. \$0.00 \$0.00 \$0.00 \$0.00 0.00% \$676.00 \$3,380.00 0730 2554-0114010 WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN 2,421. \$0.00 \$180.848.70 \$0.00 \$180,848.70 98.22% 2465 2,465 \$74.70 \$184,135.50 0740 2554-0114012 WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN. \$0.00 122.12% 1,007.5 \$0.00 \$25,489.75 \$25,489.7 \$25.30 \$20,872.50 825 0750 2554-0205110 WATER SERVICE STUB, COPPER, 1 IN. \$0.00 \$4,880.0 103.23% \$4,880.00 \$0.00 31 \$152.50 \$4,727.50 0760 2554-0205410 WATER SERVICE CORPORATION, COPPER, 1 IN. \$4,425.0 103.45% \$4,277.50 \$4,425.0 \$147,50 \$0.00 0770 2554-0205710 WATER SERVICE CURB STOP AND BOX, COPPER, 1 IN. \$0.00 100.00% \$10,710.0 \$10,710.0 \$0.00 EACH 17 \$630.00 \$10,710.00 0780 2554-0207008 VALVE, GATE, DIP, 8 IN. (INSTALL ONLY) \$12,648.0 \$12,648.6 100.00% \$0.00 17 \$744.00 \$12,648.00 0790 2554-0207012 VALVE, GATE, DIP, 12 IN. (INSTALL ONLY) \$0.00 \$13,356.00 \$13,356.0 100.00% EACH \$1,908.00 \$13,356.00 0800 2554-0210201 FIRE HYDRANT ASSEMBLY, WM-201 (INSTALL ONLY) 10.33% \$1,142.04 \$0.0 \$0.00 \$1,142.04 7.44 0810 2599-9999003 COMPOST CY 72 \$153.50 \$11,052.00 100.00% \$8,652.00 \$0.0 \$0.00 \$8,652.0 0820 2599-9999003 GRANULAR SUBBASE, CLASS A CRUSHED STONE 140 140 \$61.80 \$8,652.00 140 \$0.0 \$18,750.00 100 00% \$18,750.00 \$9.99 0830 2599-9999003 MEDIAN LANDSCAPE CONCRETE 12.5 \$1,500.00 \$18,750.00

\$955.00

\$4,775.00

Application No.: 6

\*Contractor: Dave Schmitt Construction Co., Inc.
Cedar Rapids, Iowa
Cedar Rapids, Iowa Date of Application: November 16, 2018

Project

County

D Street Reconstruction: PCC Pavement - Grade & Replace

Project No. STP-U-5780(615)--70-62 Contract ID 62-5780-615 City Mahaska

Oskaloosa

				Plar	n Quantity	у		Contrac	Amounts		Projec	t Quantities				Project Amounts			
Line No. Item Code	le Item Description			Div. 1 Non- Part.	Div. 2 Non- Part.	Div. 3 Non- Part.	Total	Unit Price	Bid Amount	Div. 1 Part.	Div. 1 Non-Part.	Div. 2 Non-Part.	Div. 3 Non-Part.	Div. 1 Part.	Div. 1 Non-Part.	Div. 2 Non-Part.	Div. 3 Non-Part.	Total	Percen Complet
850 2599-9999005	REMOVAL OF EXISTING FIRE HYDRANT ASSEMBLY	EACH				6	6	\$234.00	\$1,404.00				5	\$0.00		\$1,404.00	\$0.00	\$1,404.00	100.00
860 2599-9999005	WATER MAIN CONNECTIONS	EACH EACH		1120.00	1	2	12	\$1,220.00	\$14,640.00		7.50	1:	10000000000000000000000000000000000000	\$0.00		\$13,420.00	\$0.00	\$13,420.00	91.67%
0870 2599-9999009	ROOF DRAIN OUTLET PIPE, 4" PVC	LF	50				50	\$22.90	\$1,145.00		66			\$1,511.40		\$0.00	\$0.00	\$1,511.40	132.00
0880 2599-9999010	VIBRATION MONITORING	LS	1	THE WALL			200.41	\$17,999.57	\$17,999.57	\$15.00 m	90%	量原用规则		\$17,999.57		\$0.00	\$0.00	\$17,999.57	100.00
0890 2599-9999020	TEMPORARY GRANULAR SURFACING	TON	300				300	\$29.91	\$8,973.00	165	. 87			\$4,961.17		\$0.00	\$0.00	\$4,961.17	
0900 2601-2634100	MULCHING - HYDRAULIC	ACRE ACRE	1				1	\$2,000.00	\$2,000.00		45	2 张州的"沙龙	W. Cathalian	\$900.00	AND THE PROPERTY	\$0.00	\$0.00	\$900.00	45.00%
0910 2601-2636044	SEEDING AND FERTILIZING - HYDRAULIC (URBAN)	ACRE	1				1	\$5,000.00	\$5,000.00					\$0.00		\$0.00	\$0.00	\$0.00	0.00%
0920 2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	CLF	200	)			200	\$2.00	\$400.00		222			\$444.00		\$0.00	\$0.00	\$444.00	111.00
0930 2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	200	)			200	\$2.00	\$400.00					\$0.00		\$0.00	\$0.00	\$0.00	0.00%
0940 2610-0000212	MULCH, SHREDDED BARK	CY	46	10 True		Casar Hays	46	\$60.00	\$2,760.00	ON PRINCIPAL AND ADDRESS OF THE PARTY OF THE	3	是 27 多 3 元 3 元		\$180.00		\$0.00	\$0.00	\$180.00	6.52%
0950 2610-0000400	WATERING FOR PLANTS	MGAL	3,725	5			3,725	\$25.00	\$93,125.00					\$0.00		\$0.00	\$0.00	\$0.00	0.00%
0960 2611-0000100	SHRUBS, FURNISHED AND INSTALLED - PERENNIALS/ORNAMENTAL GRASSES (WITH WARRANTY)	EACH	1,261	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		g minute.	1,261	\$12.00	\$15,132.00	3192				\$0.00		\$0.00	\$0.00	\$0.00	0.00%
0970 2611-0000200	TREES, FURNISHED AND INSTALLED - ORNAMENTAL (WITH WARRANTY)	EACH EACH EACH	57	7			57	\$335.00	\$19,095.00	12 @	55%			\$2,613.00		\$0.00	\$0.00	\$2,613.00	13.68%
0970 2611-0000200	TREES, FURNISHED AND INSTALLED - ORNAMENTAL (WITH WARRANTY) MATERIAL ONLY	EACH	b at all				975					A THURST A		\$2,565.00		\$0.00	\$0.00	\$2,565.00	
0980 2611-0000200	TREES, FURNISHED AND INSTALLED - OVERSTORY (WITH WARRANTY)	EACH	44	1			44	\$385.00	\$16,940.00	24 @	55%			\$6,006.00		\$0.00	\$0.00	\$6,006.00	35.45%
0980 2611-0000200	TREES, FURNISHED AND INSTALLED - OVERSTORY (WITH WARRANTY) MATERIAL ONLY	EACH							立 不可可能指数性					\$4,689.00		\$0.00	\$0.00	\$4,689.00	

3,725	1	-3,725	\$25.00	-\$93,125.00		15.155.00		1972年出	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
	1	1	dc coc 35											
			\$6,686.75	\$6,686.75	L	1			\$0.00	\$6,686.75	\$0.00	\$0.00	\$6,686.75	100.00
9 5 5 K 5 5 5	<b>年度1 泰</b> 健	CH PROPERTY PROPERTY	\$920.00	\$920.00		1			\$0.00	\$920.00	\$0.00	\$0.00	\$920.00	100.00
1	-2000 - 4003	1							\$2,068.50	\$0.00	\$0.00	\$0.00	\$2,068.50	100.00
190	REFEE ALE	190	\$2.75		5751722	The State And		<b>点和选择等</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
2.500		32,500	\$110.00						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
CONTRACTOR OF THE		<b>建设建设建设 美国安徽</b>	THE RESIDENCE		Black Stote and	and the standard		43.0 E AS AS AS	\$2,068.50	\$7,606.75	\$0.00	\$0.00	\$9,675.25	
-	-	The second section is a second section of the second section is		1 1 \$2,068.50 190 190 \$2.75	1 1 \$2,068.50 \$2,068.50 190 190 \$2.75 \$522.50	1 1 \$2,068.50 \$2,068.50 1 190 190 \$2.75 \$522.50 2.500 32.500 \$110.00 \$3,575.00	1 1 \$2,068.50 \$2,068.50 1 190 \$190 \$2.75 \$522.50 2.500 32.500 \$110.00 \$3,575.00	1 1 \$2,068.50 \$2,068.50 1 190 \$190 \$2.75 \$522.50 2.500 \$32.500 \$110.00 \$3,575.00	1 1 \$2,068.50 \$2,068.50 1 1 190 \$2.75 \$522.50 2 5.500 32.500 \$110.00 \$3,575.00	1 \$2,068.50 \$2,068.50 1 \$2,068.50 190 \$190 \$2.75 \$522.50 2.500 \$32.500 \$110.00 \$3,575.00 \$0.00	1     1     \$2,068.50     \$2,068.50     \$1     \$2,068.50     \$0.00       190     190     \$2.75     \$522.50     \$0.00     \$0.00     \$0.00       1.500     32.500     \$110.00     \$3,575.00     \$0.00     \$0.00     \$0.00	1 1 \$2,068.50 \$2,068.50 1 \$2,068.50 \$0.00 \$0.00 190 190 \$2.75 \$522.50 \$0.00	1         1         \$2,068.50         \$2,068.50         \$2,068.50         \$0.00         \$0.00           190         190         \$2.75         \$522.50         \$0.00         \$	1         1         \$2,968.50         \$2,068.50         \$2,068.50         \$2,068.50         \$0.00         \$0.00         \$0.00         \$2,068.50         \$2,068.50         \$0.00<

TOTAL REVISED CONTRACT \$2,846,549.89

\$7,606.75 \$355,013.45 \$46,947.50 \$2,624,204.71 TOTAL \$2,214,637.01

	Div. 1 Part.	Div. 1 Non-Part.	Div. 2 Non-Part.	Div. 3 Non-Part.	Total	
Total Completed to Date =	\$2,214,637.01	\$7,606.75	\$355,013.45	\$46,947.50	\$2,624,204.71	92.19%
Amount Retained (@3%, \$30,000 Max.) =	\$25,317.81	\$86.96	\$4,058.53	\$536.71	\$30,000.00	
Total Completed Less Retainage =	\$2,189,319.20	\$7,519.79	\$350,954.92	\$46,410.79	\$2,594,204.71	
Less Previous Payments to Contractor =	\$1,916,914.92	\$7,508.60	\$350,432.82	\$20,239.05	\$2,295,095.39	
Amount Due Contractor this Application =	\$272,404.28	\$11.19	\$522.11	\$26,171.74	\$299,109.32	

Amount Due from Public Works = \$298,587.21 (Division 1 and Division 3)

Amount Due from Water Department = \$522.11 (Division 2)

Total = \$299,109.32

Eligible Amount = \$2,189,319.20 (Division 1 Participating Items Only)

Participation @ 80% = \$1,751,455.36

IDOT Withholding @ 5% = \$87,572.77

Subtotal This Request = \$1,663,882.59

Less Previously Reimbursed = \$1,456,855.34

Amount To Be Reimbursed This Application = \$20,7027.25



# GARDEN & ASSOCIATES, LTD.

1701 3<sup>rd</sup> Avenue East, Suite 1 • P.O. Box 451 • Oskaloosa, IA 52577 Phone: 641.672.2526 • Fax: 641.672.2091

December 6, 2018

Chad Coon, General Manager Oskaloosa Municipal Water Department 1208 S. 7<sup>th</sup> Street Oskaloosa, IA 52577

Re: Elevated Storage Tanks Preparation & Painting Project

Oskaloosa Municipal Water Department

Oskaloosa, Iowa G&A 4017117

Dear Chad:

Enclosed herewith are three copies each of Pay Application - Final for both the North tower and the South tower painting project submitted by Maguire Iron, Inc. The applications are for the retainage in the amounts of \$8,705.00 and \$7,775.00 respectively.

Further enclosed is Change Order No. 2 for the North tower with charges for 5 days of liquidated damages and Change Order No. 2 for the South tower with charges for 6 days of liquidated damages.

The applications and change orders appear to be in order. Should the board approve payment, send one copy of each document to Maguire Iron with payment, return one copy to Garden & Associates, and retain one copy for your files.

We have also enclosed the Engineer's Completion Statement for the project.

If you have any questions, please contact me.

Sincerely,

GARDEN & ASSOCIATES, LTD.

Jack Pope, P.E.

Enclosures: Pay App – Final (North & South)

Change Order No. 2 (North & South) Engineer's Completion Statement

JP/lm



# GARDEN & ASSOCIATES, LTD.

1701 3<sup>rd</sup> Avenue East, Suite 1 • P.O. Box 451 • Oskaloosa, IA 52577 Phone: 641.672.2526 • Fax: 641.672.2091

December 6, 2018

Chad Coon, General Manager Oskaloosa Municipal Water Department 1208 S. 7<sup>th</sup> Street Oskaloosa, IA 52577

Re: Elevated Storage Tanks Preparation & Painting Project

Oskaloosa Municipal Water Department

Oskaloosa, Iowa G&A 4017117

Oskaloosa Municipal Water Department Board of Trustees:

I hereby state that the work of the Elevated Storage Tanks Preparation and Painting Project — Oskaloosa Municipal Water Department in Oskaloosa, Iowa under contract bearing the date of September 12, 2017 by and between the Oskaloosa Municipal Water Department (Owner) and Maguire Iron, Inc. (Contractor) has been completed and substantially complies with the terms, conditions and stipulations of the plans and specifications for said improvements, except as noted below.

A small leak in a riveted seam on the South Tank has developed since the Contractor has substantially completed the work. The leak will be re-evaluated by the Contractor in the spring of 2019 and either repaired at that time, or re-evaluated and repaired as part the First Anniversary Inspection of the coating systems.

Respectfully submitted this  $6^{th}$  day of December, 2018.

Sincerely,

GARDEN & ASSOCIATES, LTD.

Jack Pope, P.E.

Cc: Maguire Iron, Inc.

JP/lm



D 国		Contractor's Application for Payment No.	Payment No.	
ENGINEER:	ENGINEERS JOINT CONTRACT COCUMENTS COMMITTEE	Application December 3, 2018 Period:	Application Date:	December 3, 2018
To Oxmer"	ipul Water Department	From (Contractor): Maguire Iron, Inc.	Via (Enginecr):	Garden & Associates, LTD.
Project	Division 2 - Sooth Tank - Prep & Paint	Contract: Elevated Storage Tanks Preparation & Painting Project - OMWD - Ostesloosa, Iowa - 2017		
Owner's Contract No.		Contractor's Project No.:	Engineer's Project No.	4017117

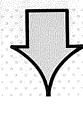
Application For Payment Change Order Summary

Among a process of the contract of the contrac	1. ORIGINAL CONTRACT PRICE	Deductions 2. Net change by Change Orders	3. Current Coutenct Price (Line 1 # 2) \$ \$223,999.08	S3,609,00	(Cohum F total oa Progress Estimates) \$ 5223,900.00	S. RETAINAGE.	8. X Wark Completed \$ 0.00	5 Stared Material Languages 5 400	c. Total Retainage (Line S.a + Line S.b) \$ 0.00	6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	\$3,4004.60	8, AMOUNT DUE THIS APPLICATION \$ \$7,775.00	2. BALANCE TO FINISH PLUS RETAINAGE
Change Order Sammary	6. 1				COOPERONMANIAMENTAL AND	See Section 1977 1977 1977 1977 1977 1977 1977 197	The state of the s	Temperature (C. C. C	ранизания (нализания самания по серезания п	A CONTRACTOR CONTRACTO		\$400.00	
, the annual contract of the state of the st	Althroved Chan e Orders	Number	ę in the second	Control of the contro	Application and the state of th	community or and all and defend the community of the factor of the second secon		and opposite the state of the s	To the whole the second control of the secon	Company (Control Control Con	TOTALS	NET CHANGE BY	CHANGE ORDERS

(Column G total on Progress Estimates + Line 5.c above)...

Contractor's Certification The undersigned Contractor occifics, to the best of its knowledge, the following: (1) All previous progress payments received from Owner on account of Work done under the Contract	Payment of:	\$ 7.775.40 C. inc. 8 or other - attack explanation of the other amount)	ibas amount)
Any over applies on account to discharge Confinedors regurnate congations incurred in connection with the Work covered by prior Applications for Payment, the Work covered by prior Applications for Payment 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 listens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner.	is recommended by:	Grigineer	(a)
intermitying Owner against any such Leres, security interest, of excurrorances), and intermitying Owner against any such Leres, security interests of the Contract Documents and its not defective.	Payment of:	\$ (Line 8 or other - attach explanation of the other amount)	ther amount)
Contractor Steamure	's approved by.	(Owner)	(Date)
Date 12-5-18	Approved hy:	Funding or Financing Earlity (if applicable)	(Date)

EJCDC® C-620 Contractor's Application for Payment © 2013 National Society of Professional Engineers for EJCDC. All rights reserved Page 1 of 1



Garden & Associates, LTD. 4017117 Final December 3, 2018 Contractor's Application for Payment No. Engineer's Project No.. Application Date: Via (Engineer): Elevated Stornge Tanks Preparation & Painting Project - OMWD - Ostaloosa, Iowa -2017 Magnire Iron, Inc. Application December 3, 2018 Contractor's Project No.: From (Contractor): Contract Period: Oskaloosa Municipal Water Department Division I - North Tank - Prep & Paint ENGINEERS JOHN CONTRACT Owner's Contract No.: Owner!

Application For Payment

|--|

Contractor's Certification			
The undersigned Contractor certifies, to the heat of its knowledge, the following	Payment of	8,705.00	1
have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment		(Line 8 or other - attach explanation of the other amount)	
(2) Title to 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	is recommended by:	(2.5.20/8)	
Lions, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liers, security interest, or encumbrances); and		(Engineer) (Date)	
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.	Payment of	\$ 8,705.00	1
		(Line 8 or other - attach explanation of the other amount)	
The state of the s	is approved by:		
		(Owner) (Date)	
Contractor Simanlice  By:	Approved by:		
8-5-18		Funding or Financing Entity (if applicable) (Date)	

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Date of Issuance: 12-3-18	Effective Date: 12-3-18
Owner: Oskaloosa Municipal Water Depar	rtment Owner's Contract No.:
Contractor: Maguire Iron, Inc.	Contractor's Project No.:
Engineer: Garden & Associates, Ltd.	Engineer's Project No.: 4017117
Project: Division 1 - North Tank - Prep &	Paint Contract Name: Elevated Storage Tanks Preparation & Painting Project — Oskaloosa Municipal Water Department — Oskaloosa, Iowa - 2017
The Contract is modified as follows upon execution	ion of this Change Order:
Description: Charging for liquidated damages a	as per contract at \$600/day for 5 days = \$3,000.00.
Attachments: [List documents supporting change	
CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price:	[note changes in Milestones if applicable] Original Contract Times: Substantial Completion:
\$ 182,300.00	Ready for Final Payment:
To an annual state of the state	days or dates
[Increase] [Decrease] from previously approved (	
Orders No. 1 to No. 1:	Orders No to No:
\$ 51,800.00	Substantial Completion:
\$ 51.800.00	Ready for Final Payment: days
Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
contract trice prior to this change order.	Substantial Completion:
\$ 234.100.00	Ready for Final Payment:
7	days or dates
[Increase] [Decrease] of this Change Order:	[Increase] [Decrease] of this Change Order:
\$ 3,000.00	Substantial Completion: Ready for Final Payment:
A 2/000/100	days or dates
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
, , ,	Substantial Completion:
\$ 231.100.00	Ready for Final Payment:
	days or dates
RECOMMENDED:	ACCEPTED: ACCEPTED!
By: By:	By:
	Owner (Authorized Signature) Contractor (Authorized Signature)
Title: PROJECT CHAINEER Title	Title You Hasixon
Date: /2-5 2018 Date	Date 12-5-18
Approved by Funding Agency (if applicable)	
By:	Date:
Title:	No Section 1997
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	* C-941, Change Order.  se Engineers Joint Contract Documents Committee.
	were the control of t

Page 1 of 1



Date of Issuance: 12-3-18	Effective Date: 12-3-18
Owner: Oskaloosa Municipal Water Departme	out Owner's Contract No.:
Contractor: Maguire Iron, Inc.	Contractor's Project No.:
Engineer: Garden & Associates, Ltd.	Engineer's Project No.: 4017117
Project: Division 2 - South Tank - Prep & Pain	t Contract Name: Elevated Storage Tanks
	Preparation & Painting Project –
	Oskaloosa Municipal Water Department –
•	Oskaloosa, Iowa - 2017
The Contract is modified as follows upon execution of	this Change Order
·	*
Description: Charging for liquidated damages as per	r contract at 5600/day for 5 days = 55,600.00.
Attachments: [List documents supporting change]	
CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
eming in this intermet	[note changes in Milestones if applicable]
Original Contract Price:	Original Contract Times:
Ongmar constact i nee.	Substantial Completion:
\$ 223,500.00	Ready for Final Payment:
\$ 443,300.00	days or dates
[Increase] [Decrease] from previously approved Chan	
Orders No. 1 to No. 1:	Orders No to No:
Orders 140. 1 to 140. 1.	Substantial Completion:
\$ 4.000.00	Ready for Final Payment:
Ş <u>4,000.00</u>	days
Contract Price prior to this Change Order	Contract Times prior to this Change Order:
contract rince prior to this change order.	Substantial Completion:
\$ 227.500.00	Ready for Final Payment:
\$ 227.500.00	days or dates
[Increase] [Decrease] of this Change Order:	[Increase] [Decrease] of this Change Order:
[morease] [wasicase] or this change order.	Substantial Completion:
\$3,600.00	Ready for Final Payment:
	days or dates
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
constant rice incorporating and change order	Substantial Completion:
\$ 223,900.00	Ready for Final Payment:
	days or dates
RECOMMENDED: A	ACCEPTED: ACCEPTED:
By: By:	By:
	r (Authorized Signature) Contractor (Authorized Signature)
Title: PROJECT EMGINEER Title	Title New President
quantitativi con control del del del del del del del del del de	Date 12-5-18
Date: 12-5-2015, Date	Date 12-7 12 3 3 3 3 3
Approved by Funding Agency (if	
applicable)	
D	Date:
Title:	
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#### FY 16-17 SANITARY SEWER COUNCIL REPORT

# **Operations at the plants:**

#### **Southwest Plant**:

Total Annual Flow: 260,000,000 gallons

Average Daily Flow: 712,000 Gallons per day (Drop of 21% from FY17, 2<sup>nd</sup> year of 20+% drop)

Treatment efficiency of 93%. Biochemical Oxygen Demand (BOD) removal throughout treatment

process. (BOD Influent - BOD Effluent)/BOD Influent

Effluent sent to Edmundson Golf Course: 12,872,000 gallons (an increase of 255% from FY17)

Received 52,160 gallons of septic waste from haulers

Leachate received from landfill: 285,600 gallons (a significant drop from FY17)

Solids handling: land applied in excess of 2.5M gallons of bio-solids from digester and EQ basin.

Equivalent of 537 dry metric tons.

#### Northeast Plant:

Total Annual Flow: 319,500,000 gallons

Average Daily Flow: 875,342 gallons per day (Increase of 7% over the previous year)

Treatment efficiency of 95% (also increased from last year)

### Oskaloosa Food Products Corporation:

Total Flow received: 13,547,000 (decrease of 21% from FY17)

Average Flow: 37,115 gallons per day

Bio-solids received: 288,000 gallons (increase of 26% from FY17)

# **Operations in the collection system:**

Root foamed – 849' in-house 2400' performed by contractor

Root cut - 3155'

Jetted – 6300' in-house 3262' performed by contractor

30, 60, 90 day jetting of problem areas – 11,000'

Televised – 15,476.4'

Rebuilt 4 sanitary manholes as identified through the I & I report.

Replaced storm manhole lids with sanitary lids where identified through the I & I report.

Started repairing uncapped sanitary cleanout lids as identified in the I & I report.

Various point repairs completed throughout the system.

#### FY 16-17 SANITARY SEWER COUNCIL REPORT

Replaced a failed manhole cone section in-house.

Investigated numerous complaints and potential issues which allowed staff to continue to develop plans for future needs and CIP work

Completed sewer main repairs at various locations throughout town.

# **Capital Projects:**

Replaced pickup (which was cost shared with the Water Department).

Replaced sludge tanker.

Replaced sewer push camera for small lines.

Purchased sewer inspection headsets that allow for better communication and hearing protection while staff are in the field performing jetting services.

Purchased a pole camera to integrate with the current EnviroSight mainline camera system.

Purchased a PTO-driven lagoon pump to assist with sludge removal from the EQ basins.

Replaced the process air compressors at the south plant.

Installed security lighting at both plants and interior lights in the cold storage building at the south plant.

Replaced a section of the primary line from the sludge building to the digester at the south plant.

Replaced a variety of pumps and motors at both plants.

Replaced various roofs at both plants.

Installed automated chlorine feed for the Edmundson irrigation line.

Installed standby generation at the Armory and West End lift stations.

Installed automated emergency dialers for the lift stations that didn't have communications.

Started design for a University Park lift station upgrade.

EQ basin sludge removal at the southwest plant.

Developed short term improvement plans for both treatment plants with Fox Engineering.

Worked to complete the 2017 Sanitary Sewer Improvements

Started Phase 1 of the I &I work on the collection system.

Started Phase 2 of the I &I work on the collection system.

Working on design of Phase 3 with work to begin in 2019.

# FY 16-17 SANITARY SEWER COUNCIL REPORT

# **Fiscal Activity:**

Plant Operation and Capital budget: \$1,104,916.00

Fiscal Activity: \$ 797,194.61 72.15%

Budget Remaining: \$ 307,721.39 (\$270,244.75 delayed capital)

Collections Operation and Capital Budget: \$2,047,655.00

Fiscal Activity: \$1,599,371.88 78.11%

Budget Remaining: \$ 448,283.12 (\$342,508.33 delayed capital)