



Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
SUBJECT: WTP#1 Improvements for New Brine Tanks & Chlorine / Fluoride Separation
Progress Pay #4 to River City Construction
DATE: February 16, 2018

EXECUTIVE SUMMARY:

On August 21st, 2017 the City Council awarded the contract for WTP#1 Improvements for New Brine Tanks & Chlorine / Fluoride Separation to River City Construction in a not to exceed amount of \$450,000.

BACKGROUND NARRATIVE:

Replacement of the existing brine tank (vintage 1959) and the addition of a second brine tank is needed to support the softening of the drinking water at WTP#1. These are cast-in-place concrete tanks of an approximate size of 10'x20'x10'. The need for two tanks is required under the Ten State Standards and IEPA. Additionally, WTP#1 has a combined chemical room, while previously permitted by the IEPA in the early 1980's current regulations are such that chlorine and fluorosilicic acid (fluoride) must be separated for worker safety. The City is under a directive by the IEPA to make these upgrades.

Progress invoicing attached herewith is from 1-1-2018 through 1-31-2018. The overall invoicing to-date is \$423,618.95, less retainage and previous payments of \$338,190.52, make an eligible payment consideration of \$43,066.53. This represents an approximate completion of 94% of the overall project.

As such it is my recommendation that the City Council approve making a progress payment in the amount of **\$43,066.53** to River City Construction.

This matter has been placed on the City Council agenda of Monday, February 19th, 2018 for review and approval.

Application and Certificate for Payment

Page 1 of 5

TO (OWNER): CITY OF WASHINGTON
115 W JEFFERSON ST
WASHINGTON IL 61571

PROJECT: Washington WTP #1 Improvements
210 North Main St
Washington, IL 61571

ATTN: River City Construction LLC
101 Hoffar Lane
East Peoria, IL 61611

FROM: ARCHITECT/
ENGINEER:

CONTRACT: GENERAL CONTRACTOR

APPLICATION NO.: 4

PERIOD TO: 1/31/2018

OWNER'S PROJECT NO.: 174110

CONTRACTOR'S PROJECT NO.: ARCHITECT'S PROJECT NO.:

CONTRACT DATE: 9/6/2017

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY

DESCRIPTION	DATE	ADDITIONS	DELETIONS
Change Orders previously approved		\$0.00	\$0.00

Change Orders approved this month:

1. ORIGINAL CONTRACT SUM \$450,000.00

2. Net change by Change Orders \$0.00

3. CONTRACT SUM TO DATE (lines 1+2) \$450,000.00

4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$423,618.95

5. RETAINAGE

- a. 10.0% of Completed Work (Columns D+E on G703) \$42,361.90
- b. 0.0% of Stored Material (Column F on G703) \$0.00

Total Retainage (lines 5a+5b or Total in Column J on G703) \$42,361.90

6. TOTAL EARNED LESS RETAINAGE (line 4 less line 5 Total) \$381,257.05

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (line 6, prior Certificate) \$338,190.52

8. CURRENT PAYMENT DUE \$43,066.53

9. BALANCE TO FINISH PLUS RETAINAGE (line 3 less line 6) \$68,742.95

Total approved this month	\$0.00	\$0.00
NET CHANGES by Change Orders	\$0.00	\$0.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor: River City Construction LLC
By: *Cellen A. Miller*

Date: 2/7/2018

State of: IL County of: Peoria
Subscribed & sworn to before me this 7th day of February 2018.

Notary Public: *Cynthia L. Stewart*

Cynthia Stewart

My commission expires: 4/10/2021



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observation and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the work has progressed as indicated, the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: \$ 43,066.53

ARCHITECT: CMT

By: *Robert J. Halpern* Date: 2-13-18

This certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein.

CONTINUATION SHEET

AIA document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing contractor's signed certificate is attached.
Use column I on contracts where variable retainage for line items apply.

Application No.: 4

Application Date: 2/7/2018

Period From: 1/1/2018

Period To: 1/31/2018

Architect's Project No.:

A	B	C	D	E		F	G	H	I	J
No.	Description of Work	Scheduled Value	Previous Application	Work Completed This Application		Total Completed and Stored to Date (D+E+F)	% (G/C)	Balance to Finish (C-G)	Retainage	
				Work In Place	Stored Material					
Div 1	General Conditions									
	Bonds & Insurance	\$4,367.00	\$4,367.00				\$4,367.00	100.00%	\$0.00	\$436.70
	General Conditions	\$62,134.00	\$51,880.00	\$6,610.00			\$58,490.00	94.14%	\$3,644.00	\$5,849.00
	Mobilization	\$2,850.00	\$2,850.00				\$2,850.00	100.00%	\$0.00	\$285.00
	De- Mobilization	\$1,800.00		\$900.00			\$900.00	50.00%	\$900.00	\$90.00
	Layout	\$2,500.00	\$2,500.00				\$2,500.00	100.00%	\$0.00	\$250.00
	Overhead & Profit	\$25,302.00	\$21,127.00	\$2,692.00			\$23,819.00	94.14%	\$1,483.00	\$2,381.90
Div 2	Sitework									
02223	Mobilization	\$1,500.00	\$1,500.00				\$1,500.00	100.00%	\$0.00	\$150.00
02223	Silt Fence	\$500.00	\$500.00				\$500.00	100.00%	\$0.00	\$50.00
02223	Site Cut/ Strip	\$4,000.00	\$4,000.00				\$4,000.00	100.00%	\$0.00	\$400.00
02060	Demo	\$13,500.00	\$11,500.00				\$11,500.00	85.19%	\$2,000.00	\$1,150.00
02222	Brine Tank Excavation	\$9,000.00	\$9,000.00				\$9,000.00	100.00%	\$0.00	\$900.00
02222	Fluoride Bldg Excavation	\$2,000.00	\$2,000.00				\$2,000.00	100.00%	\$0.00	\$200.00
02222	Brine Tank Backfill	\$9,800.00	\$9,800.00				\$9,800.00	100.00%	\$0.00	\$980.00
02223	Fluoride Bldg Backfill	\$2,500.00	\$2,500.00				\$2,500.00	100.00%	\$0.00	\$250.00
02223	Fluoride Granular Base	\$2,000.00	\$2,000.00				\$2,000.00	100.00%	\$0.00	\$200.00
02223	Site Granular	\$8,100.00	\$6,100.00				\$6,100.00	75.31%	\$2,000.00	\$610.00
02223	Misc Sitework	\$2,730.00	\$2,730.00				\$2,730.00	100.00%	\$0.00	\$273.00
02223	Pump Work	\$1,757.00	\$1,757.00				\$1,757.00	100.00%	\$0.00	\$175.70
02515	Disinfection	\$1,000.00						0.00%	\$1,000.00	
02607	Stilling Wells	\$9,589.00	\$9,589.00				\$9,589.00	100.00%	\$0.00	\$958.90
02920	Topsoil	\$5,000.00						0.00%	\$5,000.00	
02930	LANDSCAPE	\$1,255.00						0.00%	\$1,255.00	
Div 3	Concrete									
03200	Brine Tank SOG Rebar Supply	\$4,035.00	\$4,035.00				\$4,035.00	100.00%	\$0.00	\$403.50
03200	Brine Tank Walls Rebar Supply	\$6,509.00	\$6,509.00				\$6,509.00	100.00%	\$0.00	\$650.90
	Running Totals:	\$183,728.00	\$156,244.00	\$10,202.00	\$0.00	\$166,446.00	90.59%	\$17,282.00	\$16,644.60	

Application No.: 4
Application Date: 2/7/2018
Period From: 1/1/2018
Period To: 1/31/2018

Architect's Project No.:

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Use column I on contracts where variable retainage for line items apply.

A	B	C	D	E		F	G	H	I	J
No.	Description of Work	Scheduled Value	Previous Application	Work Completed This Application		Stored Material	Total Completed and Stored to Date (D+E+F)	% (G/C)	Balance to Finish (C-G)	Retainage
03200	Brine Tank Deck Rebar Supply	\$2,295.00	\$2,295.00				\$2,295.00	100.00%	\$0.00	\$229.50
03200	Flouride Bldg Rebar Supply	\$726.00	\$726.00				\$726.00	100.00%	\$0.00	\$72.60
03200	Brine Tank SOG Rebar Install	\$3,400.00	\$3,400.00				\$3,400.00	100.00%	\$0.00	\$340.00
03200	Brine Tank Walls Rebar Install	\$5,150.00	\$5,150.00				\$5,150.00	100.00%	\$0.00	\$515.00
03200	Brine Tank Deck Rebar Install	\$3,300.00	\$3,300.00				\$3,300.00	100.00%	\$0.00	\$330.00
03200	Flouride Bldg Rebar Install	\$570.00	\$570.00				\$570.00	100.00%	\$0.00	\$57.00
03300	Brine Tank SOG Concrete	\$4,580.00	\$4,580.00				\$4,580.00	100.00%	\$0.00	\$458.00
03300	Brine Tank Walls Concrete	\$21,430.00	\$21,430.00				\$21,430.00	100.00%	\$0.00	\$2,143.00
03300	Brine Tank Deck Concrete	\$13,871.00	\$13,871.00				\$13,871.00	100.00%	\$0.00	\$1,387.10
03300	Brine Tank Fillets	\$3,562.00	\$3,562.00				\$3,562.00	100.00%	\$0.00	\$356.20
03300	Flouride Bldg Footings	\$4,321.00	\$4,321.00				\$4,321.00	100.00%	\$0.00	\$432.10
03300	Flouride Bldg SOG	\$2,198.00	\$2,198.00				\$2,198.00	100.00%	\$0.00	\$219.80
Div 4	Masonry									
04810	Masonry	\$13,650.00	\$13,650.00				\$13,650.00	100.00%	\$0.00	\$1,365.00
Div 5	Metals									
05500	Masonry Support Metal	\$2,144.00	\$2,144.00				\$2,144.00	100.00%	\$0.00	\$214.40
05500	Brine Tank Hatches	\$14,961.00	\$14,961.00				\$14,961.00	100.00%	\$0.00	\$1,496.10
05532	FRP Grating	\$3,950.00	\$3,950.00				\$3,950.00	100.00%	\$0.00	\$395.00
Div 6	Wood and Plastics									
06105	Flouride Bldg Ceiling	\$3,946.00	\$3,946.00				\$3,946.00	83.53%	\$650.00	\$329.60
06175	Wood Trusses	\$3,493.00	\$3,493.00				\$3,493.00	100.00%	\$0.00	\$349.30
Div 7	Thermal and Moisture Protection									
07210	Flouride Bldg Insulation	\$2,327.00	\$2,327.00				\$2,327.00	100.00%	\$0.00	\$232.70
07311	Roofing	\$3,397.00	\$3,397.00				\$3,397.00	100.00%	\$0.00	\$339.70
07710	Gutters, Downspouts, & Siding	\$4,247.00	\$4,247.00				\$4,247.00	100.00%	\$0.00	\$424.70
	Running Totals:	\$301,246.00	\$258,151.00	\$25,163.00		\$0.00	\$283,314.00	94.05%	\$17,932.00	\$28,331.40

CONTINUATION SHEET
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Use column 1 on contracts where variable retainage for line items apply.

4

2/7/2018

1/1/2018

1/31/2018

Architect's Project No.:

A	B	C	D	E	F	G	H	I	J	
No.	Description of Work	Scheduled Value	Previous Application	Work Completed		Total Completed and Stored to Date (D+E+F)	% (G/C)	Balance to Finish (C-G)	Retainage	
				This Application	Stored Material					
Div 8	Doors and Windows									
08340	FRP Doors and Frames	\$3,479.00		\$3,479.00		\$3,479.00	100.00%	\$0.00	\$347.90	
08710	Door Hardware	\$850.00		\$850.00		\$850.00	100.00%	\$0.00	\$85.00	
08710	Installation	\$1,257.00		\$1,257.00		\$1,257.00	100.00%	\$0.00	\$125.70	
Div 9	Finishes									
9910	Architectural Coatings	\$3,800.00	\$3,800.00			\$3,800.00	100.00%	\$0.00	\$380.00	
9960	High Performance Coatings	\$44,200.00	\$44,200.00			\$44,200.00	100.00%	\$0.00	\$4,420.00	
Div 11	Equipment									
11240	Chemical Metering Equipment	\$17,292.00	\$17,292.00			\$17,292.00	100.00%	\$0.00	\$1,729.20	
11240	Chemical Metering Install	\$1,125.00		\$1,125.00		\$1,125.00	100.00%	\$0.00	\$112.50	
Div 15	Mechanical									
15064	Sleeves & Supports	\$4,084.00	\$4,084.00			\$4,084.00	100.00%	\$0.00	\$408.40	
15100	Plumbing	\$32,495.00	\$24,371.25	\$3,249.50		\$27,620.75	85.00%	\$4,874.25	\$2,762.08	
15260	Process Piping	\$23,832.00	\$17,874.00	\$2,383.20		\$20,257.20	85.00%	\$3,574.80	\$2,025.72	
15950	HVAC	\$5,995.00	\$5,995.00			\$5,995.00	100.00%	\$0.00	\$599.50	
Div 16	Electrical									
16111	Rough In	\$3,100.00		\$3,100.00		\$3,100.00	100.00%	\$0.00	\$310.00	
61185	Equipment Wiring	\$1,800.00		\$1,800.00		\$1,800.00	100.00%	\$0.00	\$180.00	
16461	Transformers	\$2,700.00		\$2,700.00		\$2,700.00	100.00%	\$0.00	\$270.00	
16510	Lights	\$2,745.00		\$2,745.00		\$2,745.00	100.00%	\$0.00	\$274.50	
Running Totals:			\$450,000.00	\$375,767.25	\$47,851.70	\$0.00	\$423,618.95	94.14%	\$26,381.05	\$42,361.90

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Use column I on contracts where variable retainage for line items apply.

Architect's Project No.:

[illegible]

PARTIAL WAIVER OF LIEN

STATE OF ILLINOIS
COUNTY OF TAZEWELL

WHEREAS, THE UNDERSIGNED **RIVER CITY CONSTRUCTION, L.L.C.** HAS BEEN EMPLOYED BY **THE CITY OF WASHINGTON** TO FURNISH LABOR AND MATERIALS FOR THE PREMISES OWNED BY **THE CITY OF WASHINGTON** AND KNOWN AS **WASHINGTON WTP #1 IMPROVEMENTS**, IN THE CITY OF WASHINGTON, COUNTY OF TAZEWELL, STATE OF ILLINOIS.

NOW, THEREFORE, KNOW YE, THAT WE THE UNDERSIGNED, HAVE BEEN REQUESTED TO GIVE A PARTIAL WAIVER OF LIEN FOR AND IN CONSIDERATION OF THE SUM OF **\$43,066.53** DOLLARS, FOR PAYMENT OF THE FOLLOWING INVOICE NUMBERS:

#4

UPON RECEIPT WILL ACKNOWLEDGE AND WILL HEREBY WAIVE AND RELEASE TO THE EXTENT OF THE SAID AMOUNT ONLY AND ALL LIEN, OR CLAIM, OR RIGHT TO LIEN ON SAID ABOVE DESCRIBED BUILDING AND PREMISES UNDER THE STATUTES OF THE STATE OF ILLINOIS RELATING TO MECHANICS LIENS, ON ACCOUNT OF LABOR OR MATERIALS, OR BOTH, FURNISHED TO THE EXTENT OF THIS PAYMENT ONLY, FOR SAID BUILDING OR PREMISES.

GIVEN UNDER OUR HAND AND SEAL THIS 8th DAY OF JANUARY, 2018.

SUBSCRIBED AND SWORN BEFORE ME
THIS 8TH DAY OF JANUARY, 2018.

RIVER CITY CONSTRUCTION, LLC
COLLEEN MILLER,
OFFICE MANAGER

NOTARY PUBLIC: Cynthia L. Stewart
MY COMMISSION EXPIRES 4/10/2021

Colleen A. Miller

