City of Washington Est. 1825

Memo

TO:	Mayor Manier and City Council
FROM:	Ed Andrews, Public Works Director
SUBJECT:	WTP#1 Improvements for New Brine Tanks & Chlorine / Fluoride Separation Final Progress Pay #8 to River City Construction
DATE:	June 28, 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. Per change order considerations during the course of construction (presented and approved by Council), the upper end of this contract was adjusted to $455,830.

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.

The final progress invoice #8 is attached herewith and covers the period from 5-1-2018 through 5-31-2018. The overall invoicing to-date is $455,830, less retainage and previous payments of $429,529.20, make for an eligible payment consideration of $26,300.80. This reflects a final payment with punch list items complete making eligible the release of the outstanding 5% retainage.

As such it is my recommendation that the City Council approve making final payment in the amount of **$26,300.80** to River City Construction with release of their retention.

This matter has been placed on the City Council agenda of Monday, July 3rd, 2018 for review and approval.

Application and Certificate for Payment

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

ATTN:

FROM: River City Construction LLC
101 Hoffer Lane
East Peoria, IL 61611

CONTRACT: GENERAL CONTRACTOR

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

ARCHITECT/
ENGINEER:

APPLICATION NO.:	8
PERIOD TO:	5/31/2018
OWNER'S PROJECT NO.:	
CONTRACTOR'S PROJECT NO.:	174110
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		$1,807.00	$0.00
Change Orders approved this month:			
Change Order #3	5/11/2018	$329.00	$0.00
Change Order #4	5/11/2018	$3,694.00	$0.00
Total approved this month		$4,023.00	$0.00
NET CHANGES by Change Orders		$5,830.00	

1. ORIGINAL CONTRACT SUM		$450,000.00
2. Net change by Change Orders		$5,830.00
3. CONTRACT SUM TO DATE (lines 1+2)		$455,830.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)		$455,830.00
5. RETAINAGE		
a. 0.0% of Completed Work (Columns D+E on G703)	$0.00	
b. 0.0% of Stored Material (Column F on G703)	$0.00	
Total Retainage (lines 5a+5b or Total in Column J on G703)		$0.00
6. TOTAL EARNED LESS RETAINAGE (line 4 less line 5 Total)		$455,830.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (line 6, prior Certificate)		$429,529.20
8. CURRENT PAYMENT DUE		$26,300.80
9. BALANCE TO FINISH PLUS RETAINAGE (line 3 less line 6)		$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: Colleen A Miller Date: 5/31/2018

State of: IL County of: Peoria

Subscribed & sworn to before me this 31st day of May 2018.

Notary Public: Cynthia L. Stewart
Cynthia Stewart

"OFFICIAL SEAL"
CYNTHIA L. STEWART
Notary Public, State of Illinois
My Commission Expires 04-10-2021

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: $ 26,300.80

~~ARCHITECT~~: Crawford, Murphy & Tilly, Inc.

By: Scott L. DeSpain Date: 6/22/18

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

Project: Washington WTP #1 Improvements

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.: 8
Application Date: 5/31/2018
Period From: 5/1/2018
Period To: 5/31/2018
Architect's Project No.:

A	B	C	D	E	F	G	H	I	J
				Work Completed					
			Previous	This Application		Total Completed and Stored to		Balance to	
No.	Description of Work	Scheduled Value	Application	Work In Place	Stored Material	Date (D+E+F)	% (G/C)	Finish (C-G)	Retainage
Div 1	General Conditions								
	Bonds & Insurance	$4,367.00	$4,367.00			$4,367.00	100.00%	$0.00	
	General Conditions	$62,134.00	$62,134.00			$62,134.00	100.00%	$0.00	
	Mobilization	$2,850.00	$2,850.00			$2,850.00	100.00%	$0.00	
	De- Mobilization	$1,800.00	$1,800.00			$1,800.00	100.00%	$0.00	
	Layout	$2,500.00	$2,500.00			$2,500.00	100.00%	$0.00	
	Overhead & Profit	$25,302.00	$25,302.00			$25,302.00	100.00%	$0.00	
Div 2	Sitework								
02223	Mobilization	$1,500.00	$1,500.00			$1,500.00	100.00%	$0.00	
02223	Silt Fence	$500.00	$500.00			$500.00	100.00%	$0.00	
02223	Site Cut/ Strip	$4,000.00	$4,000.00			$4,000.00	100.00%	$0.00	
02060	Demo	$13,500.00	$13,500.00			$13,500.00	100.00%	$0.00	
02222	Brine Tank Excavation	$9,000.00	$9,000.00			$9,000.00	100.00%	$0.00	
02222	Fluoride Bldg Excavation	$2,000.00	$2,000.00			$2,000.00	100.00%	$0.00	
02222	Brine Tank Backfill	$9,800.00	$9,800.00			$9,800.00	100.00%	$0.00	
02223	Fluoride Bldg Backfill	$2,500.00	$2,500.00			$2,500.00	100.00%	$0.00	
02223	Fluoride Granular Base	$2,000.00	$2,000.00			$2,000.00	100.00%	$0.00	
02223	Site Granular	$8,100.00	$8,100.00			$8,100.00	100.00%	$0.00	
02223	Misc Sitework	$2,730.00	$2,730.00			$2,730.00	100.00%	$0.00	
02223	Pump Work	$1,757.00	$1,757.00			$1,757.00	100.00%	$0.00	
02515	Disinfection	$1,000.00	$1,000.00			$1,000.00	100.00%	$0.00	
02607	Stilling Wells	$9,589.00	$9,589.00			$9,589.00	100.00%	$0.00	
02920	Topsoil	$5,000.00	$5,000.00			$5,000.00	100.00%	$0.00	
02930	LANDSCAPE	$1,255.00	$1,255.00			$1,255.00	100.00%	$0.00	
Div 3	Concrete								
03200	Brine Tank SOG Rebar Supply	$4,035.00	$4,035.00			$4,035.00	100.00%	$0.00	
03200	Brine Tank Walls Rebar Supply	$6,509.00	$6,509.00			$6,509.00	100.00%	$0.00	
	Running Totals:	$183,728.00	$183,728.00	$0.00	$0.00	$183,728.00	100.00%	$0.00	$0.00

Project: Washington WTP #1 Improvements

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				Work Completed					
			Previous	This Application		Total Completed and Stored to		Balance to	
No.	Description of Work	Scheduled Value	Application	Work In Place	Stored Material	Date (D+E+F)	% (G/C)	Finish (C-G)	Retainage
03200	Brine Tank Deck Rebar Supply	$2,295.00	$2,295.00			$2,295.00	100.00%	$0.00	
03200	Flouride Bldg Rebar Supply	$726.00	$726.00			$726.00	100.00%	$0.00	
03200	Brine Tank SOG Rebar Install	$3,400.00	$3,400.00			$3,400.00	100.00%	$0.00	
03200	Brine Tank Walls Rebar Install	$5,150.00	$5,150.00			$5,150.00	100.00%	$0.00	
03200	Brine Tank Deck Rebar Install	$3,300.00	$3,300.00			$3,300.00	100.00%	$0.00	
03200	Flouride Bldg Rebar Install	$570.00	$570.00			$570.00	100.00%	$0.00	
03300	Brine Tank SOG Concrete	$4,580.00	$4,580.00			$4,580.00	100.00%	$0.00	
03300	Brine Tank Walls Concrete	$21,430.00	$21,430.00			$21,430.00	100.00%	$0.00	
03300	Brine Tank Deck Concrete	$13,871.00	$13,871.00			$13,871.00	100.00%	$0.00	
03300	Brine Tank Fillets	$3,562.00	$3,562.00			$3,562.00	100.00%	$0.00	
03300	Fluoride Bldg Footings	$4,321.00	$4,321.00			$4,321.00	100.00%	$0.00	
03300	Flouride Bldg SOG	$2,198.00	$2,198.00			$2,198.00	100.00%	$0.00	
Div 4	Masonry								
04810	Masonry	$13,650.00	$13,650.00			$13,650.00	100.00%	$0.00	
Div 5	Metals								
05500	Masonry Support Metal	$2,144.00	$2,144.00			$2,144.00	100.00%	$0.00	
05500	Brine Tank Hatches	$14,961.00	$14,961.00			$14,961.00	100.00%	$0.00	
05532	FRP Grating	$3,950.00	$3,950.00			$3,950.00	100.00%	$0.00	
Div 6	Wood and Plastics								
06105	Fluoride Bldg Ceiling	$3,946.00	$3,946.00			$3,946.00	100.00%	$0.00	
06175	Wood Trusses	$3,493.00	$3,493.00			$3,493.00	100.00%	$0.00	
Div 7	Thermal and Moisture Protection								
07210	Fluoride Bldg Insulation	$2,327.00	$2,327.00			$2,327.00	100.00%	$0.00	
07311	Roofing	$3,397.00	$3,397.00			$3,397.00	100.00%	$0.00	
07710	Gutters, Downspouts, & Siding	$4,247.00	$4,247.00			$4,247.00	100.00%	$0.00	
	Running Totals:	$301,246.00	$301,246.00	$0.00	$0.00	$301,246.00	100.00%	$0.00	$0.00

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				Work Completed					
			Previous	This Application		Total Completed and Stored to		Balance to	
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Div 8	Doors and Windows								
08340	FRP Doors and Frames	$3,479.00	$3,479.00			$3,479.00	100.00%	$0.00	
08710	Door Hardware	$850.00	$850.00			$850.00	100.00%	$0.00	
08710	Installation	$1,257.00	$1,257.00			$1,257.00	100.00%	$0.00	
Div 9	Finishes								
9910	Architectural Coatings	$3,800.00	$3,800.00			$3,800.00	100.00%	$0.00	
9960	High Performance Coatings	$44,200.00	$44,200.00			$44,200.00	100.00%	$0.00	
Div 11	Equipment								
11240	Chemical Metering Equipment	$17,292.00	$17,292.00			$17,292.00	100.00%	$0.00	
11240	Chemical Metering Install	$1,125.00	$1,125.00			$1,125.00	100.00%	$0.00	
Div 15	Mechanical								
15064	Sleeves & Supports	$4,084.00	$4,084.00			$4,084.00	100.00%	$0.00	
15100	Plumbing	$32,495.00	$32,495.00			$32,495.00	100.00%	$0.00	
15260	Process Piping	$23,832.00	$23,832.00			$23,832.00	100.00%	$0.00	
15850	HVAC	$5,995.00	$5,995.00			$5,995.00	100.00%	$0.00	
Div 16	Electrical								
16111	Rough In	$3,100.00	$3,100.00			$3,100.00	100.00%	$0.00	
61185	Equipment Wiring	$1,800.00	$1,800.00			$1,800.00	100.00%	$0.00	
16461	Transformers	$2,700.00	$2,700.00			$2,700.00	100.00%	$0.00	
16510	Lights	$2,745.00	$2,745.00			$2,745.00	100.00%	$0.00	
	Change Order #1	$1,807.00	$1,807.00			$1,807.00	100.00%	$0.00	
	Change Order #2								
	Running Totals:	$451,807.00	$451,807.00	$0.00	$0.00	$451,807.00	100.00%	$0.00	$0.00

Project: Washington WTP #1 Improvements

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Architect's Project No.:

A	B	C	D	E	F	G	H	I	J
			Work Completed			Total Completed and Stored to Date (D+E+F)			
			Previous Application	This Application					
No.	Description of Work	Scheduled Value		Work In Place	Stored Material		% (G/C)	Balance to Finish (C-G)	Retainage
	Change Order #3	$329.00	$329.00			$329.00	100.00%	$0.00	
	Change Order #4	$3,694.00		$3,694.00		$3,694.00	100.00%	$0.00	
	Totals:	$455,830.00	$452,136.00	$3,694.00	$0.00	$455,830.00	100.00%	$0.00	$0.00

FINAL 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, ILLINOIS** 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, THE UNDERSIGNED, FOR AND IN CONSIDERATION OF THE SUM OF **$26,300.80** AND OTHER GOOD AND VALUABLE CONSIDERATIONS, UPON RECEIPT WHEREOF WILL ACKNOWLEDGE BY THE UNDERSIGNED AS THE FINAL PAYMENT OF THE TOTAL CONTRACT VALUE OF **$454,272.00** WILL WAIVE AND RELEASE ANY AND ALL LIEN OR CLAIM OR RIGHT TO LIEN UNDER THE STATUTES OF THE STATE OF ILLINOIS RELATING TO MECHANICS' LIENS, WITH RESPECT TO AND ON THE ABOVE DESCRIBED PREMISES, AND THE IMPROVEMENTS THEREON, AND ON THE MATERIAL, FIXTURES, APPARATUS OR MACHINERY FURNISHED, AND ON THE MONEYS OR OTHER CONSIDERATIONS DUE OR TO BECOME DUE FROM THE OWNER ON ACCOUNT OF LABOR, SERVICES, MATERIAL, FIXTURES, APPARATUS OR MACHINERY HERETOFORE FURNISHED, OR WHICH MAY BE FURNISHED AT ANY TIME HEREAFTER, BY THE UNDERSIGNED, TO OR ON ACCOUNT OF THE SAID CONTRACTOR OR THE SAID OWNER FOR SAID CONTRACT AT THE ABOVE DESCRIBED PREMISES.

GIVEN UNDER OUR HAND AND SEAL THIS 30TH DAY OF MAY, 2018.

SUBSCRIBED AND SWORN BEFORE ME
THIS 30TH DAY OF MAY, 2018.

NOTARY PUBLIC: Cynthia L. Stewart
MY COMMISSION EXPIRES 04/10/2021

"OFFICIAL SEAL"
CYNTHIA L. STEWART
Notary Public, State of Illinois
My Commission Expires 04-10-2021

RIVER CITY CONSTRUCTION, LLC
COLLEEN A MILLER
OFFICE MANAGER

Colleen A Miller

Bond #30022811

CONSENT of SURETY
to FINAL PAYMENT

Project Name: Water Treatment Plant No. 1 - 2017 Improvements
CMT Project No.: 16007-01-00
OWNER: City of Washington
OWNER's Contract No.
CONTRACTOR: River City Construction, LLC
CONTRACTOR's Job No.

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the Continental Casualty Company
(Name of Surety)

333 S Wabash Ave, Chicago, IL 60604, Surety,
(Address of Surety)

on the Payment Bond and Performance Bond of

River City Construction, LLC
(Name of Contractor)

101 Hoffer Lane, East Peoria, IL 61611, Contractor,
(Address of Contractor)

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety of any of its obligations to

City of Washington
(Name of Owner)

301 Walnut Street, Washington, IL 61571, Owner,
(Address of Owner)

as set forth in said Surety's bonds.

IN WITNESS WHEREOF, this consent of the Surety is executed in three (3) counterparts, each one of which shall be deemed an original, this 21st day of May, 2018.

ATTEST:

(Principal Secretary)

(SEAL)

(Witness as to Principal)

101 HOFFER LANE
(Address)

EAST PEORIA, IL 61611

River City Construction, LLC
(Principal

By /s/

Continental Casualty Company
(Surety)

333 S Wabash Ave
(Address)

Chicago, IL 60604

ATTEST:

See attached Power of Attorney
(Surety) Secretary

By /s/

(SEAL)

By
(Witness as to Surety)

7131 N Knoxville Ave #1
(Address)

Peoria, IL 61614

By
(Attorney-In-Fact) Nicholas G. Yates

7131 N Knoxville Ave #1
Address)

Peoria, IL 61614

END OF DOCUMENT

STATE OF Illinois
COUNTY OF Peoria

I, Roberta J. Hall, Notary Public of Peoria County, in the State of Illinois, do hereby certify that Nicholas G. Yates, Attorney-in-Fact, of the Continental Casualty Company, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he signed, sealed and delivered said instrument, for and on behalf of the Continental Casualty Company, for the uses and purposes therein set forth.

Given under my hand and notarial seal in said County, this 21st day of May, 2018.

Roberta J Hall

Roberta J. Hall, Notary Public
My Commission Expires June 6, 2018

OFFICIAL SEAL
ROBERTA J. HALL
Notary Public, State of Illinois
My Commission Expires 06-06-2018

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Nicholas G Yates, Brad A Gregurich, Peter T Coyle, Paula G Chaney, Susan E Mansfield, Roberta J Hall, Steven J Lohmeier, Individually

of Peoria, IL, their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 3rd day of August, 2017.

CONTINENTAL CASUALTY COMPANY CORPORATE SEAL 1897
NATIONAL FIRE INSURANCE COMPANY OF HARTFORD
AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA INCORPORATED JULY 31, 1902

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflat

Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 3rd day of August, 2017, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.

J. MOHR
SEAL NOTARY PUBLIC SOUTH DAKOTA SEAL

My Commission Expires June 23, 2021

J. Mohr

J. Mohr Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 21st day of May, 2018.

CONTINENTAL CASUALTY COMPANY CORPORATE SEAL 1897
NATIONAL FIRE INSURANCE COMPANY OF HARTFORD
AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA INCORPORATED JULY 31, 1902

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

D. Johnson

D. Johnson Assistant Secretary

Form F6853-4/2012