

Colorado Water Conservation Board

Water Efficiency Grant Fund 50% Project Completion Report

	Water Efficien	cy Grant Project Summary					
Name of Applicant	City of Westminster						
Name of Grant Project	Residential Wate	er Meter Replacement – Installation Phase					
WEGF Grant reimbursem	nent to date	\$44,550					
Grant funds remaining (1	0%)	\$4,950					
Cash Match for meter ins	tallation phase to	Pay App 9 (March 2020) - \$151,410 Pay App 10 (April 2020) - \$203,742 Pay App 11 (May 2020) - \$740,421.50 Pay App 12 (June 2020) - \$924,766.50					
date	taliation phase to	\$2,020,340 WEGF -\$44,500 \$1,975,790					

	1. Applicant Information								
Name of Grantee	City of Westminster								
Mailing Address	4800 West 92nd Avenue Westminster CO 80031								
Grantee Contact	Brad Bettale								
Position/Title	Meter Department Foreman / Project Manager								
Email	bbettale@cityofwestminster.us								
Phone	303-658-2594								

Project Overview

The City's objectives for this project are to increase the accuracy of low-flow water meters to better capture water use and improve data collection and analysis. The AMI system will collect data more frequently and efficiently than the current system, putting more emphasis on data analysis. This captured data will be used to determine actual water demand, help with projected supply planning, and water resource management, and improve budgeting which can lead to water savings.

The grant funded portion of this Westminster project was for the full meter installation phase of the project. The following report provides a status report regarding the installation of the Westminster water meters.



Project Status Report - 50%

The City of Westminster and the meter contractor UMS have been moving along swiftly with the water meter installation phase of the Westminster Meter upgrade project. An initial meter installation test phase began on 2/5/2020 to ensure meter change out had minimal impacts on the Westminster water measurement systems and that there would be no catastrophic communication errors or failures before the full installation phase. After demonstrating installation would be successful, the full meter installation phase began March 2020.

The past five months have provided many challenges for each of us as we all faced a global pandemic, but the meter project team worked diligently to ensure the safety of the City employees, installation crews and Westminster residents and customers was the top priority. Frequent safety meetings and weekly check ins were held with the entire project management team to ensure any safety issues or concerns could be mitigated. Additional communication with customers also took place to ensure customers understood precautions being taken to prioritize their safety and wellbeing. Even with the challenges of COVID-19 the installation crews have been able to install the following meters for the City of Westminster.

Other aspects of this Westminster project have been progressing on schedule, including installation of additional radio antennas and required towers, AMI transmitters, replacement of yokes, network set up, vehicle mounted collection system installation and network development, installation and employee training. These project elements were not included in the installation phase for grant funding but are critical components of the overall project and are therefore mentioned here.

Meter Types Installed	Contracted	Installed
Remove and replace 3/4" meter	500	0
Remove and replace 5/8" x 3/4" meter with 9" lay length	28,500	18,629
Remove and replace 5/8" x 3/4" meter with 7" lay length	2,000	1,590
Remove and replace 1" meter	2,200	1,951
Meters with pressure sensor	100	0
TOTAL	33,300	22,170

All pay applications for the full meter installation phase (March 2020 – June 2020) have been included as documentation for installation expenditures as part of this 50% status report.

Prior to the initiation of this meter replacement project, the City of Westminster worked diligently to develop an easily accessible webpage for customers to find all the pertinent information about the meter replacement project. A designated email and phone line were put in place to ensure any issues or customer concerns could be addressed immediately. The website and a marketing video about the meter installation project can be found here: https://www.cityofwestminster.us/meterreplacement.

Brad Bettale

Name/Title Date

APPLICATION AND CERTIFICATE FOR PAYMENT

OWNER:	4800 West	stminster, CO 92nd Avenue ter, CO 80031			APPLICATION PERIO		9 March 1-31, 2020
CONTRACTO	- time, time,	ering Solutions nomas Street , LA 70401			CONTRACT NUMB		PWU 11-15-0-2018
CONTRACT	FOR:	Wesminist	er, CO		CONTRACT DA	TE:	6/24/2019
		APPLICATION FOR PAY	MENT		nade for Payment, as shown below, in connect heet, Substitution for AIA Document G703, is a		
	CHANG	E ORDER SUMMARY					
	ge Orders To Date roved By Owner	Additions	Deductions	 Net char CONTRA 	AL CONTRACT SUM nge by Change Orders CT SUM TO DATE (Line 1+2)	\$ \$ \$	13,550,689.45 133,200.00 13,683,889.45
				4. TOTAL C	OMPLETED & STORED TO DATE	\$	4,787,134.98
Number 1 2 3	Date Approved			5. RETAINA a.	The same of the sa	\$.	239,356.75
				b	0% of Stored Materials	\$.	
				Total Ret	tainage (Line 5a + 5b or	٠.	239,356.75
Net Chan	ige by Change Orders		-	6. TOTALE	ARNED LESS RETAINAGE	\$ -	4,547,778.23
information completed i paid by the	igned Contractor certifies and belief the work cove in accordance with the Co Contractor for Work for v payments received from t w due.	red by this Application fo intract Documents, that a which previous Certificate	r Payment has been Il amounts have been s for Payment were	PAYN 8. CURREN	EVIOUS CERTIFICATES FOR MENT (Une 6 from prior Certificate) T PAYMENT DUE E TO FINISH INCLUDING RETAINAGE	\$ -	4,297,063.64 250,714.59 8,896,754.47
	- # - !!						
_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	D BY (ONTRACTOR:/	Mu	Date: 4/3/2020	ENGINEER'S	RTIFIED: lanation of amount certified differs from to CERTIFICATE FOR PAYMENT: with Contract Documents, based on on-sing the above information, the Engineer ce	ite obse	ervations and the
APPROVED By:	BY OWNER:		Date: 4/16/26	best of the Engindicated, the the Contractor RECOMMENI By: This Certificate Contractor name	gineer's knowledge, Information and belie quality of the Work is in accordance with is entitled to payment of the AMOUNT CORD BY ENGINEER: It is not negotiable. The AMOUNT CERTIFIE and herem, issuance, payment and accept the prights of the Owner or Contractor under the contractor of the Owner or Contractor of the Owner of the Owner or Contractor of the Owner of the Owner or Contractor of the Owner or Contractor of the Owner of	ef the W the Cor ERTIFIE 20 ED is par tance o	fork has progressed as intract Documents, and D. yable only to the fayment are without
				hielanice to all	it rights of the Owner of Contractor flude	i this U	OntidCt.

CONTINUATION SHEET

Ala DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO:

APPLICATION DATE:

PERIOD TO:

March 1-31, 2020

9

OWNER'S PROJECT NO: PWU 11-15-0-2018

	WORK ITEMS		CONTRACT			QUANTITY			TOTALS :	TO DATE	
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
1	Mobilization, Bonds & Insuarance	\$293,000.00	1	\$293,000.00	1			1	\$293,000.00	100.00%	\$0.00
2	Traffic and pedestrian control, including project signs	\$0.00	0	\$0.00	0			0	\$0.00	0.00%	\$0.00
3	Lid drilling	\$10.00	500	\$5,000.00	0			0	\$0.00	0.00%	\$5,000.00
4a	Install New Meter Lid	\$1.25	500	\$625.00	0			0	\$0.00	0.00%	\$625.00
4b	Install New Meter Lid	\$16.59	500	\$8,295.00	200			200	\$3,318.00	40.00%	\$4,977.00
5a	Install new dual check valve	\$55.00	100	\$5,500.00	0			0	\$0.00	0.00%	\$5,500.00
5b	Install new dual check valve	\$92.26	100	\$9,226.00	0			0	\$0.00	0.00%	\$9,226.00
6a	Remove and replace existing curb stop	\$55.00	100	\$5,500.00	0		0.00	0	\$0.00	0.00%	\$5,500.00
6b	Remove and replace existing curb stop	\$123.64	100	\$12,364.00	0		0.00	0	\$0.00	0.00%	\$12,364.00
7a	Remove and replace existing meter pit	\$25.00	1,000	\$25,000.00	0			0	\$0.00	0.00%	\$25,000.00
7b	Remove and replace existing meter pit	\$306.21	1,000	\$306,210.00	0			0	\$0.00	0.00%	\$306,210.00
8a	Remove and replace 3/4" meter	\$49.00	500	\$24,500.00	0			0	\$0.00	0.00%	\$24,500.00
8b	Remove and replace 3/4" meter	\$137.89	500	\$68,945.00	0			0	\$0.00	0.00%	\$68,945.00
9a	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$49.00	2,000	\$98,000.00	282	532	2 <mark>6,068.00</mark>	814	\$39,886.00	40.70%	\$58,114.00
9b	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$117.29	2,000	\$234,580.00	1,000			1,000	\$117,290.00	50.00%	\$117,290.00
10a	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$49.00	28,500	\$1,396,500.00	1,276	2,449	120,001.00	3,725	\$182,525.00	13.07%	\$1,213,975.00
10b	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$137.89	28,500	\$3,929,865.00	10,479		0.00	10,479	\$1,444,949.31	36.77%	\$2,484,915.69
11a	Remove and replace 1" meter	\$49.00	2,200	\$107,800.00	19	109	5,341.00	128	\$6,272.00	5.82%	\$101,528.00
11b	Remove and replace 1" meter	\$177.55	2,200	\$390,610.00	1,098			1,098	\$194,949.90	49.91%	\$195,660.10
12a	Meters with pressure sensor	\$49.00	100	\$4,900.00	0			0	\$0.00	0.00%	\$4,900.00
12b	Meters with pressure sensor	\$363.12	100	\$36,312.00	100			100	\$36,312.00	100.00%	\$0.00
13	Inside Set Appointment Scheduling	\$42.00	0	\$42.00	0			0	\$0.00	0.00%	\$42.00
14a	AMI transmitter	\$13.00	33,150	\$430,950.00	1,577	3,090	40,170.00	4,667	\$60,671.00	14.08%	\$370,279.00
14b	AMI transmitter	\$127.82	33,150	\$4,237,233.00	12,677			12,677	\$1,620,374.14	38.24%	\$2,616,858.86
15	GIS Coordinates	\$0.00	33,150	\$0.00	0			0	\$0.00	0.00%	\$0.00
16a	Yoke Replacement	\$105.00	400	\$42,000.00	0			0	\$0.00	0.00%	\$42,000.00
16b	Yoke Replacement	\$127.44	400	\$50,976.00	250			250	\$31,860.00	62.50%	\$19,116.00

	WORK ITEMS		CONTRACT			QUANTITY			TOTALS	TO DATE	
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
17a	Ford Yoke Replacement	\$105.00	250	\$26,250.00	0			0	\$0.00	0.00%	\$26,250.00
17b	Ford Yoke Replacement	\$98.09	250	\$24,522.50	125			125	\$12,261.25	50.00%	\$12,261.25
18a	Network setup, complete in place	\$30,000.00	1	\$30,000.00	0.2600			0.26	\$7,800.000	26.00%	\$22,200.00
18b	Network setup, complete in place	\$38,107.37	1	\$38,107.37	1.000			1.00000	\$38,107.37	100.00%	\$0.00
19a	Installation of radio transmitter towers, complete in place	\$88,000.00	1	\$88,000.00	0.46932		0.00	0.4693200	\$41,300.16	46.93%	\$46,699.84
19b	Installation of radio transmitter towers, complete in place	\$67,789.47	1	\$67,789.47	0.29606		0.00	0.29606	\$20,069.75	29.61%	\$47,719.72
20	Software integration, including testing and training, complete in place	\$122,000.00	1	\$122,000.00	1.0			1.0	\$122,000.00	100.00%	\$0.00
21	Mobile (vehicle-mounted) collection system	\$16,842.11	1	\$16,842.11	0			0	\$0.00	0.00%	\$16,842.11
22	Portable interrogation, field programming, and testing devices	\$113,245.00	1	\$113,245.00	0.10			0.10	\$11,324.50	10.00%	\$101,920.50
23	Owner controlled allowance for miscellaneous IT and integration services	\$300,000.00	1	\$300,000.00	0.125171640		0.00	0.125172	\$37,551.60	12.52%	\$262,448.40
2/	Owner controlled allowance for miscellaneous field work (i.e. excavation, waterline repair, new tap, etc.)	\$500,000.00	1	\$500,000.00	0.01672	0.024720	12,360.00	0.041440	\$20,720.00	4.14%	\$479,280.00
25	Owner controlled allowance for unforeseen conditions	\$500,000.00	1	\$500,000.00	0.76925	0.11993623	59,968.12	0.889186	\$444,593.00	88.92%	\$55,407.00
	GRAND TOTALS	4,118,812	\$9,431,877.45	\$13,550,689.45			\$263,908.12	\$4,787,134.98 35.33% \$8,763,554.4			

OWNER:	4800	of Westminster, CO West 92nd Avenue		APPLICATION	J: 10
	West	minster, CO 80031		PERIO	D: April 1-30,2020
CONTRACT		Metering Solutions ast Thomas Street		CONTRACT NUMBE	R: PWU 11-15-0-2018
		nond, LA 70401		SUBCONTRACT NUMBE	R:
CONTRACT	FOR:	Wesminist	ter, CO	CONTRACT DAT	E: 6/24/2019
V-20	CONTRACT	OR'S APPLICATION FOR PAY	MENT	Application is made for Payment, as shown below, in connectic Continuation Sheet, Substitution for AIA Document G703, is at	
	CI	ANGE ORDER SUMMARY			
И	ge Orders To Date proved By Owner	Additions	Deductions	1. ORIGINAL CONTRACT SUM 2. Net change by Change Orders 3. CONTRACT SUM TO DATE (Line 1+2)	\$ 13,550,689.45 \$ 13,550,689.45
Number	Data Approved			4. TOTAL COMPLETED & STORED TO DATE	\$ 5,275,478.94
1 2 3	Date Approved			5. RETAINAGE a. 5% of Completed Work	\$\$263,773.95
				b0% of Stored Materials	\$
				Total Retainage (Line 5a + 5b or	263,773.95
Net Char	nge by Change Ord	lers	<u> </u>	6. TOTAL EARNED LESS RETAINAGE	\$ 5,011,704.99
information completed in paid by the	and belief the wor in accordance with Contractor for Wor payments received	rtifies that to the best of the Co k covered by this Application for the Contract Documents, that a k for which previous Certificate from the Owner, and that payn	or Payment has been all amounts have been es for Payment were	 LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) CURRENT PAYMENT DUE BALANCE TO FINISH INCLUDING RETAINAGE 	\$ 4,547,778.23 \$ 463,926.76 \$ 8,275,210.51
SUBWILL E	D BY CONTRACTO	R: ///		AMOUNT CERTIFIED:	\$ 463,926.76
By:		YVin	Date: 5/13/2020	(Attached explanation of amount certified differs from t	
APPROVED	BY OWNER:		Date: 5/29/20	ENGINEER'S CERTIFICATE FOR PAYMENT: In accordance with Contract Documents, based on on-sit data comprising the above information, the Engineer cerbest of the Engineer's knowledge, Information and belief indicated, the quality of the Work is in accordance with the Contractor is entitled to payment of the AMOUNT CRECOMMENDED BY ENGINEER: By: This Certificate is not negotiable. The AMOUNT CERTIFIE Contractor named herein. Issuance, payment and accept prejudice to any rights of the Owner or Contractor under	tifies to the Owner that to the f the Work has progressed as the Contract Documents, and ERTIFIED. 27/2020 Dis payable only to the cance of payment are without

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO:

APPLICATION DATE: PERIOD TO: April 1-30,2020

10

OWNER'S PROJECT NO:

PWU 11-15-0-2018

	WORK ITEMS		CONTRACT		, i	QUANTITY			TOTALS	O DATE	
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
1	Mobilization, Bonds & Insuarance	\$293,000.00	1	\$293,000.00	1			1	\$293,000.00	100.00%	\$0.00
2	Traffic and pedestrian control, including project signs	\$0.00	0	\$0.00	0			0	\$0.00	0.00%	\$0.00
3	Lid drilling	\$10.00	500	\$5,000.00	0			0	\$0.00	0.00%	\$5,000.00
4a	Install New Meter Lid	\$1.25	500	\$625.00	0			0	\$0.00	0.00%	\$625.00
4b	Install New Meter Lid	\$16.59	500	\$8,295.00	200			200	\$3,318.00	40.00%	\$4,977.00
5a	instali new dual check valve	\$55.00	100	\$5,500.00	0			0	\$0.00	0.00%	\$5,500.00
5b	install new dual check valve	\$92.26	100	\$9,226.00	0			0	\$0.00	0.00%	\$9,226.00
6a	Remove and replace existing curb stop	\$55.00	100	\$5,500.00	0		0.00	0	\$0.00	0.00%	\$5,500.00
6b	Remove and replace existing curb stop	\$123.64	100	\$12,364.00	0		0.00	0	\$0.00	0.00%	\$12,364.00
7a	Remove and replace existing meter pit	\$25.00	1,000	\$25,000.00	0			0	\$0.00	0.00%	\$25,000.00
7b	Remove and replace existing meter pit	\$306.21	1,000	\$306,210.00	0			0	\$0.00	0.00%	\$306,210.00
8a	Remove and replace 3/4" meter	\$49.00	500	\$24,500.00	0			0	\$0.00	0.00%	\$24,500.00
8b	Remove and replace 3/4" meter	\$137.89	500	\$68,945.00	0			0	\$0.00	0.00%	\$68,945.00
9a	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$49.00	2,000	\$98,000.00	814	96	4,704.00	910	\$44,590.00	45.50%	\$53,410.00
9b	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$117.29	2,000	\$234,580.00	1,000			1,000	\$117,290.00	50.00%	\$117,290.00
10a I	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$49.00	28,500	\$1,396,500.00	3,725	3,901	191,149.00	7,626	\$373,674.00	26.76%	\$1,022,826.00
100	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$137.89	28,500	\$3,929,865.00	10,479		0.00	10,479	\$1,444,949.31	36.77%	\$2,484,915.69
11a	Remove and replace 1" meter	\$49.00	2,200	\$107,800.00	128	161	7,889.00	289	\$14,161.00	13.14%	\$93,639.00
11b	Remove and replace 1" meter	\$177.55	2,200	\$390,610.00	1,098			1,098	\$194,949.90	49.91%	\$195,660.10
12a	Meters with pressure sensor	\$49.00	100	\$4,900.00	0			0	\$0.00	0.00%	\$4,900.00
12b	Meters with pressure sensor	\$363.12	100	\$36,312.00	100			100	\$36,312.00	100,00%	\$0.00
13	Inside Set Appointment Scheduling	\$42.00	0	\$42.00	0			0	\$0.00	0.00%	\$42.00
14a	AMI transmitter	\$13.00	33,150	\$430,950.00	4,667	4,158	54,054.00	8,825	\$114,725.00	26.62%	\$316,225.00
14b	AMI transmitter	\$127.82	33,150	\$4,237,233.00	12,677			12,677	\$1,620,374.14	38.24%	\$2,616,858.86
15	GIS Coordinates	\$0.00	33,150	\$0.00	0			0	\$0.00	0.00%	\$0.00
16a \	roke Replacement	\$105.00	400	\$42,000.00	0			0	\$0.00	0.00%	\$42,000.00
16b \	oke Replacement	\$127.44	400	\$50,976.00	250			250	\$31,860.00	62.50%	\$19,116.00
17a F	ord Yoke Replacement	\$105.00	250	\$26,250.00	0			0	\$0.00	0.00%	\$26,250.00
17b F	ord Yoke Replacement	\$98.09	250	\$24,522.50	125			125	\$12,261.25	50.00%	\$12,261.25

	WORK ITEMS		CONTRACT			QUANTITY			TOTALST	O DATE	
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
18a	Network setup, complete in place	\$30,000.00	1	\$30,000.00	0.2600	0.7400	22,200.00	1.00	\$30,000.000	100.00%	\$0.00
18b	Network setup, complete in place	\$38,107.37	1	\$38,107.37	1.000			1.00000	\$38,107.37	100.00%	\$0.00
19a	Installation of radio transmitter towers, complete in place	\$88,000.00	1	\$88,000.00	0.46932	0.53068	46,699.84	1.0000000	\$88,000.00	100.00%	\$0.00
19b	Installation of radio transmitter towers, complete in place	\$67,789.47	1	\$67,789.47	0.29606	0.7039400	47,719.72	1.00000	\$67,789.47	100.00%	\$0.00
1 20	Software integration, including testing and training, complete in place	\$122,000.00	1	\$122,000.00	1.0			1.0	\$122,000.00	100.00%	\$0.00
21	Mobile (vehicle-mounted) collection system	\$16,842.11	1	\$16,842.11	0			0	\$0.00	0.00%	\$16,842.11
22	Portable interrogation, field programming, and testing devices	\$113,245.00	1	\$113,245.00	0.10			0.10	\$11,324.50	10.00%	\$101,920.50
2.5	Owner controlled allowance for miscellaneous IT and integration services	\$300,000.00	1	\$300,000.00	0.125172000	0.00072832	218.50	0.125900	\$37,770.00	12.59%	\$262,230.00
24	Owner controlled allowance for miscellaneous field work (i.e. excavation, waterline repair, new tap, etc.)	\$368,000.00	1	\$368,000.00	0.00557630	0.22844543	84,067.92	0.23402173	\$86,120.00	23.40%	\$281,880.00
24a	CO2 - Surveys	\$4.00	33,000	\$132,000.00	4,667	4,158	16,632.00	8,825	\$35,300.00	26.74%	\$96,700.00
25	Owner controlled allowance for unforeseen conditions	\$500,000.00	1	\$500,000.00	0.88919	0.02601635	13,008.18	0.915206	\$457,603.00	91.52%	\$42,397.00
	GRAND TOTALS	3,986,812	\$9,431,877.45	\$13,550,689.45			\$488,342.16		\$5,275,478.94	38.93%	\$8,275,210.51

OWNER:		tminster, CO 92nd Avenue			APPLICATIO	N:	11		
	Westminst	er, CO 80031			PERIC	D:	May 1-31, 2020		
CONTRACTOR:		ering Solutions nomas Street			CONTRACT NUMBE	ER:	PWU 11-15-0-2018		
	Hammond,	, LA 70401			SUBCONTRACT NUMBI	ER:			
CONTRACT FOR	R:	Wesminist	er, CO		CONTRACT DAT	ΓE:	6/24/2019		
	CONTRACTOR'S	APPLICATION FOR PAY	MENT		on is made for Payment, as shown below, in connect tion Sheet, Substitution for AIA Document G703, is a				
	CHANG	E ORDER SUMMARY					•		
	Orders To Date red By Owner	Additions	Deductions	2. Net	GINAL CONTRACT SUM change by Change Orders NTRACT SUM TO DATE (Une 1+2)	\$.	13,550,689.45		
				4. TOT	AL COMPLETED & STORED TO DATE	\$	6,586,562.89		
Number 0	Date Approved			c 057	AINAGE				
2				3. KEI	5% of Completed Work	S	329,328.14		
3					•		323,320.24		
				b	0% of Stored Materials	\$_			
-			ļ	Tot	al Retainage (Line Sa + 5b or		220 220 44		
Not Change	hu Chango Ordore			100	er rectaniage (Dite 25 + 20 Of	s ·	329,328.14		
iver change	by Change Orders		•)	6. TOT	AL EARNED LESS RETAINAGE	\$	6,257,234.75		
information and completed in a paid by the Cor	d belief the work cove ccordance with the Co ntractor for Work for v ments received from t	that to the best of the Co red by this Application fo intract Documents, that a which previous Certificate the Owner, and that paym	or Payment has been all amounts have been as for Payment were	8. CUF	S PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) RENT PAYMENT DUE ANCE TO FINISH INCLUDING RETAINAGE	\$ - \$ - \$ -	5,011,704.99 1,245,529.76 6,964,126.56	w	TFM
nerem B now b	Λ 4	٨							
SUMU FEDE	EY CONTRACTOR!	m	Date: 6/10/2020-		IT CERTIFIED: d explanation of amount certified differs from t	\$ he amo	1,245,529.76 ount applied for.)		
00	- Part			ENGINE	ER'S CERTIFICATE FOR PAYMENT:				
	U				ance with Contract Documents, based on on-si				
					prising the above information, the Engineer ce				
					te Engineer's knowledge, Information and belie , the quality of the Work is in accordance with				
APPROVED BY	Y OWNER:	9			actor is entitled to payment of the AMOUNT C				
Ву	DUK		Date: 6/29/20	RECOM!	MENDED BY ENGINEER:	1/2	9/20		
					ficate is not negotiable. The AMOUNT CERTIFIE				
				prejudice	of named herein. Issuance, payment and accept to any rights of the Owner or Contractor unde	rthk C	r payment are without ontract.		
				5					

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO:

11

APPLICATION DATE:

PERIOD TO:

May 1-31, 2020

OWNER'S PROJECT NO: PWU 11-15-0-2018

	WORK ITEMS		CONTRACT			QUANTITY			TOTALS	TO DATE	
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
1	Mobilization, Bonds & Insuarance	\$293,000.00	1	\$293,000.00	1			1	\$293,000.00	100.00%	\$0.00
2	Traffic and pedestrian control, including project signs	\$0.00	0	\$0.00	0			0	\$0.00		
3	Lid drilling	\$10.00	500	\$5,000.00	0		1	0		0.00%	\$0.00
4a	Install New Meter Lid	\$1.25	500	\$625.00	0			0	\$0.00	0.00%	\$5,000.00
4b	Install New Meter Lid	\$16.59	500	\$8,295.00	200				\$0.00	0.00%	\$625.00
5a	Install new dual check valve	\$55.00	100	\$5,500.00	0			200	\$3,318.00	40.00%	\$4,977.00
5b	Install new dual check valve	\$92.26	100	\$9,226.00	0		<u> </u>	0	\$0.00	0.00%	\$5,500.00
6a	Remove and replace existing curb stop	\$55.00	100	\$5,500.00	0		0.00	0	\$0.00	0.00%	\$9,226.00
6b	Remove and replace existing curb stop	\$123.64	100	\$12,364.00	0	F-1002-5-10	0.00	0	\$0.00	0.00%	\$5,500.00
7a	Remove and replace existing meter pit	\$25.00	1,000	\$25,000.00	0		0.00	0	\$0.00	0.00%	\$12,364.00
7b	Remove and replace existing meter pit	\$306.21	1,000	\$306,210.00	0			0	\$0.00	0.00%	\$25,000.00
8a	Remove and replace 3/4" meter	\$49.00	500	\$24,500.00				0	\$0.00	0.00%	\$306,210.00
8b	Remove and replace 3/4" meter	\$137.89	500	\$68,945.00	0			0	\$0.00	0.00%	\$24,500.00
9a	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$49.00	2,000	\$98,000.00	910	396	19,404.00	1,306	\$0.00	0.00%	\$68,945.00
	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$117.29	2,000	\$234,580.00	1,000	250	29,322.50	1,250	\$63,994.00 \$146,612.50	65.30%	\$34,006.00
10a	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$49.00	28,500	\$1,396,500.00	7,626	2,596	127,204.00	10,222	\$500,878.00	62.50% 35.87%	\$87,967.50
	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$137.89	28,500	\$3,929,865.00	10,479	3,250	448,142.50	13,729	\$1,893,091.81	48.17%	\$895,622.00
11a F	Remove and replace 1" meter	\$49.00	2,200	\$107,800.00	289	204	9,996.00	493	\$24,157.00		
11b F	Remove and replace 1" meter	\$177.55	2,200	\$390,610.00	1,098	599	106,352.45	1,697		22.41%	\$83,643.00
12a N	Meters with pressure sensor	\$49.00	100	\$4,900.00	0		100,032.43	0	\$301,302.35	77.14%	\$89,307.65
12b N	Meters with pressure sensor	\$363.12	100	\$36,312.00	100			100	\$0.00	0.00%	\$4,900.00
13 li	nside Set Appointment Scheduling	\$42.00	0	\$42.00	0				\$36,312.00	100.00%	\$0.00
14a A	MI transmitter	\$13.00	33,150	\$430,950.00	8,825	3,196	41 549 00	0	\$0.00	0.00%	\$42.00
14b A	MI transmitter	\$127.82	33,150	\$4,237,233.00	12,677	3,800	41,548.00	12,021	\$156,273.00	36.26%	\$274,677.00
15 G	ilS Coordinates	\$0.00	33,150	\$0.00	0	3,000	485,716.00	16,477	\$2,106,090.14	49.70%	\$2,131,142,86
16a Y	oke Replacement	\$105.00	400	\$42,000.00	0			0	\$0.00	0.00%	\$0.00
16b Y	oke Replacement	\$127.44	400	\$50,976.00	250			0	\$0.00	0.00%	\$42,000.00
17a Fo	ord Yoke Replacement	\$105.00	250	\$26,250.00	0			250	\$31,860.00	62.50%	\$19,116.00
17b Fc	ord Yoke Replacement	\$98.09	250					0	\$0.00	0.00%	\$26,250.00
		Ç50.05	4.00	\$24,522.50	125			125	\$12,261.25	50.00%	\$12,261.25

	WORK ITEMS		CONTRACT			QUANTITY			TOTALS	O DATE	
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
18a	Network setup, complete in place	\$30,000.00	1	\$30,000.00	1.0000		0.00	1.0	\$30,000.000	100.00%	\$0.00
18b	Network setup, complete in place	\$38,107.37	1	\$38,107.37	1.000			1.0	Ć20 107 27	400 0004	
19a	Installation of radio transmitter towers, complete in place	\$88,000.00	1	\$88,000.00			0.00	1.0	\$38,107.37	100.00%	\$0.00
19b	Installation of radio transmitter towers, complete in place	\$67,789.47	1	\$67,789.47	1.00000		0.00	1.0	\$67,789.47	100.00%	\$0.00
20	Software integration, including testing and training, complete in place	\$122,000.00	1	\$122,000.00	1.0			1.0	\$122,000.00	100.00%	\$0.00
21	Mobile (vehicle-mounted) collection system	\$16,842.11	1	\$16,842.11	0		-	0	\$0.00	0.000	********
22	Portable interrogation, field programming, and testing devices	\$113,245.00	1	\$113,245.00	0.10			0.10	\$11,324.50	0.00%	\$16,842.11 \$101,920.50
23	Owner controlled allowance for miscellaneous IT and integration services	\$300,000.00	1	\$300,000.00	0.125900000		0.00	0.125900	\$37,770.00	12.59%	\$262,230.00
24	Owner controlled allowance for miscellaneous field work (i.e. excavation, waterline repair, new tap, etc.)	\$368,000.00	1	\$368,000.00	0.23402173	0.06887500	25,346.00	0.30289673	\$111,466.00	30.29%	\$256,534.00
24a	CO2 - Surveys	\$4.00	33,000	\$132,000.00	8,825	3,196	12,784.00	12,021	\$48,084.00	36.43%	\$83,916.00
25	Owner controlled allowance for unforeseen conditions	\$500,000.00	1	\$500,000.00	0.91521	0.01053313	5,266.57	0.925743	\$462,871.50	92.57%	\$37,128.50
	GRAND TOTALS	3,986,812	\$9,431,877.45	\$13,550,689.45			\$1,311,082.02		\$6,586,562.89	48.61%	\$6,964,126.56

PPLICATION AND	CENTIFICATE FOR	PATMENT							
WNER:		minster, CO 22nd Avenue		-	APPLICATIO	N:	12		
	Westminste	r, CO 80031			PERIO	OD:	June 1-30, 2020		
ONTRACTOR:	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				CONTRACT NUMB	ER:	PWU 11-15-0-2018		
	117 East The Hammond, I				CLID COLUMN ST AUGUS				
	riailiniona, i	54 70401			SUBCONTRACT NUMB	ER:			
NTRACT FOR:		Wesminist	er, CO		CONTRACT DA	TE:	6/24/2019		
	CONTRACTOR'S A	PPLICATION FOR PAYE	MENT		plication is made for Payment, as shown below, in connect ntinuation Sheet, Substitution for AIA Document G703, is a				
	CHANGE	ORDER SUMMARY					Įβ		
Change Orders To By Ov		Additions	Deductions	2.	ORIGINAL CONTRACT SUM Net change by Change Orders CONTRACT SUM TO DATE (Line 1+2)	\$ \$ \$	13,550,689.45		
Number Date				4.	TOTAL COMPLETED & STORED TO DATE	\$	8,323,321.09		
1	Approved			5.	RETAINAGE				
2				-	a5% of Completed Work	\$	416,166.05		
3					b OV of Second Manager				
					b 0% of Stored Materials	\$			
					Total Retainage (Line 5a + 5b or		416,166.05		
Net Change by 0	Change Orders			6	TOTAL EARNED LESS RETAINAGE	\$	7,907,155,04		
- min				J 0.	TO THE ENTITED LESS HE PAINAGE	3	7,507,133.04		
		nat to the best of the Cor		7.	LESS PREVIOUS CERTIFICATES FOR	200			
		ed by this Application for tract Documents, that all			PAYMENT (Line 6 from prior Certificate)	\$	6,257,234.75		
		ich previous Certificates		9	CURRENT PAYMENT DUE BALANCE TO FINISH INCLUDING RETAINAGE	\$	1,649,920.29 5,227,368,36		
		Owner, and that payme		,	BADANCE TO FINISH INCLUDING RETAINAGE	Ş	5,227,368.36		
				_					
UBMITTED BY C					MOUNT CERTIFIED: ttached explanation of amount certified differs from t	\$	1,649,920.29		
v: Www	of of Ore		Date: 7/15/2020	(11)	mached explanation of amount certified unless from	ine am	ount applied for.)		
4.8				EN	IGINEER'S CERTIFICATE FOR PAYMENT:				
				In.	accordance with Contract Documents, based on on-s	ite obs	ervations and the		
					ta comprising the above information, the Engineer co				
					st of the Engineer's knowledge, information and beli				
PPROVED BY OV	WNER:				ficated, the quality of the Work is in accordance with				
				tne	e Contractor is entitled to payment of the AMOUNT C	.erfifi	EU.		
зу:	546		Date: 7/10/20		COMMENDED BY ENGINEER:	0/15	7020		
				Th	is Certificate is not negotiable. The AMOUNT CERTIFI	ED:	aushlo och to the		
				10	is configure is not negotiable. The AMCIUNT CERTIF	EIJ IS D	avanie only to the		

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO:

APPLICATION DATE: PERIOD TO:

June 1-30, 2020

12

OWNER'S PROJECT NO: PWU 11-15-0-2018

	WORK ITEMS	CONTRACT			QUANTITY			TOTALS TO DATE			
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
1	Mobilization, Bonds & Insuarance	\$293,000.00	1	\$293,000.00	1			1	\$293,000.00	100.00%	\$0.00
2	Traffic and pedestrian control, including project signs	\$0.00	0	\$0.00	0			0	\$0.00	0.00%	\$0.00
3	Lid drilling	\$10.00	500	\$5,000.00	0			0	\$0.00	0.00%	\$5,000.00
4a	Install New Meter Lid	\$1.25	500	\$625.00	0			0	\$0.00	0.00%	\$625.00
4b	Install New Meter Lid	\$16.59	500	\$8,295.00	200			200	\$3,318.00	40.00%	\$4,977.00
5a	Install new dual check valve	\$55.00	100	\$5,500.00	0			0	\$0.00	0.00%	\$5,500.00
5b	Install new dual check valve	\$92.26	100	\$9,226.00	0			0	\$0.00	0.00%	\$9,226.00
6a	Remove and replace existing curb stop	\$55.00	100	\$5,500.00	0		0.00	0	\$0.00	0.00%	\$5,500.00
6b	Remove and replace existing curb stop	\$123.64	100	\$12,364.00	0		0.00	0	\$0.00	0.00%	\$12,364.00
7a	Remove and replace existing meter pit	\$25.00	1,000	\$25,000.00	0			0	\$0.00	0.00%	\$25,000.00
7b	Remove and replace existing meter pit	\$306.21	1,000	\$306,210.00	0			0	\$0.00	0.00%	\$306,210.00
8a	Remove and replace 3/4" meter	\$49.00	500	\$24,500.00	0			0	\$0.00	0.00%	\$24,500.00
8b	Remove and replace 3/4" meter	\$137.89	500	\$68,945.00	0			0	\$0.00	0.00%	\$68,945.00
9a	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$49.00	2,000	\$98,000.00	1,306	284	13,916.00	1,590	\$77,910.00	79.50%	\$20,090.00
9b	Remove and replace 5/8" x 3/4" meter with 7" lay length	\$117.29	2,000	\$234,580.00	1,250	250	29,322.50	1,500	\$175,935.00	75.00%	\$58,645.00
10a	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$49.00	28,500	\$1,396,500.00	10,222	3,019	147,931.00	13,241	\$648,809.00	46.46%	\$747,691.00
10b	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$137.89	28,500	\$3,929,865.00	13,729	4,900	675,661.00	18,629	\$2,568,752.81	65.36%	\$1,361,112.19
11a	Remove and replace 1" meter	\$49.00	2,200	\$107,800.00	493	262	12,838.00	755	\$36,995.00	34.32%	\$70,805.00
11b	Remove and replace 1" meter	\$177.55	2,200	\$390,610.00	1,697	254	45,098	1,951	\$346,400.05	88.68%	\$44,209.95
12a	Meters with pressure sensor	\$49.00	100	\$4,900.00	0			0	\$0.00	0.00%	\$4,900.00
12b	Meters with pressure sensor	\$363.12	100	\$36,312.00	100			100	\$36,312.00	100.00%	\$0.00
13	Inside Set Appointment Scheduling	\$42.00	0	\$42.00	0			0	\$0.00	0.00%	\$42.00
14a	AMI transmitter	\$13.00	33,150	\$430,950.00	12,021	3,565	46,345.00	15,586	\$202,618.00	47.02%	\$228,332.00
14b	AMI transmitter	\$127.82	33,150	\$4,237,233.00	16,477	5,400	690,228.00	21,877	\$2,796,318.14	65.99%	\$1,440,914.86
15	GIS Coordinates	\$0.00	33,150	\$0.00	0			0	\$0.00	0.00%	\$0.00
16a	Yoke Replacement	\$105.00	400	\$42,000.00	0			0	\$0.00	0.00%	\$42,000.00
16b	Yoke Replacement	\$127.44	400	\$50,976.00	250			250	\$31,860.00	62.50%	\$19,116.00
17a	Ford Yoke Replacement	\$105.00	250	\$26,250.00	0			0	\$0.00	0.00%	\$26,250.00
17b	Ford Yoke Replacement	\$98.09	250	\$24,522.50	125			125	\$12,261.25	50.00%	\$12,261.25

	WORK ITEMS	CONTRACT			QUANTITY			TOTALS TO DATE			
WORK ITEMS	DESCRIPTION OF WORK	UNIT VALUE	QUANTITY	COST	PREVIOUS PERIOD	THIS PERIOD	THIS PERIOD COST	QUANTITY	COST	% COMPLETE	BALANCE TO FINISH
18a	Network setup, complete in place	\$30,000.00	1	\$30,000.00	1.0000		0.00	1.00	\$30,000.000	100.00%	\$0.00
18b	Network setup, complete in place	\$38,107.37	1	\$38,107.37	1.000			1.00000	\$38,107.37	100.00%	\$0.00
II 19a	Installation of radio transmitter towers, complete in place	\$88,000.00	1	\$88,000.00	1.00000		0.00	1.0000000	\$88,000.00	100.00%	\$0.00
19b	Installation of radio transmitter towers, complete in place	\$67,789.47	1	\$67,789.47	1.00000		0.00	1.00000	\$67,789.47	100.00%	\$0.00
20	Software integration, including testing and training, complete in place	\$122,000.00	1	\$122,000.00	1.0			1.0	\$122,000.00	100.00%	\$0.00
21	Mobile (vehicle-mounted) collection system	\$16,842.11	1	\$16,842.11	0			0	\$0.00	0.00%	\$16,842.11
11 22	Portable interrogation, field programming, and testing devices	\$113,245.00	1	\$113,245.00	0.10			0.10	\$11,324.50	10.00%	\$101,920.50
23	Owner controlled allowance for miscellaneous IT and integration services	\$300,000.00	1	\$300,000.00	0.125900000	0.19016784	57,050.35	0.316068	\$94,820.40	31.61%	\$205,179.60
24	Owner controlled allowance for miscellaneous field work (i.e. excavation, waterline repair, new tap, etc.)	\$368,000.00	1	\$368,000.00	0.30289673	0.01116875000	4,110.10	0.31406548	\$115,576.10	31.41%	\$252,423.90
24a	CO2 - Surveys	\$4.00	33,000	\$132,000.00	12,021	3,565	14,260.00	15,586	\$62,344.00	47.23%	\$69,656.00
25	Owner controlled allowance for unforeseen conditions	\$500,000.00	1	\$500,000.00	0.92574			0.925740	\$462,870.00	92.57%	\$37,130.00
	GRAND TOTALS		\$9,431,877.45	\$13,550,689.45			\$1,736,759.95		\$8,323,321.09	61.42%	\$5,227,368.36