

Colorado Water Conservation Board
Water Efficiency Grant Fund
50% Project Completion Report

Water Efficiency Grant Project Summary	
Name of Applicant	City of Westminster
Name of Grant Project	Residential Water Meter Replacement – Installation Phase
WEGF Grant reimbursement to date	\$44,550
Grant funds remaining (10%)	\$4,950
Cash Match for meter installation phase to date	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 <hr/> <div style="text-align: right;">\$2,020,340</div> <div style="text-align: right;">WEGF -\$44,500</div> <hr/> <div style="text-align: right;">\$1,975,790</div>

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
<p>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.</p> <p>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.</p>

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>.

08/12/2020

Brad Bettale

Name/Title

Date

APPLICATION AND CERTIFICATE FOR PAYMENT

OWNER: City of Westminster, CO
4800 West 92nd Avenue
Westminster, CO 80031

APPLICATION : 9

PERIOD: March 1-31, 2020

CONTRACTOR: Utility Metering Solutions
117 East Thomas Street
Hammond, LA 70401

CONTRACT NUMBER: PWU 11-15-0-2018

SUBCONTRACT NUMBER:

CONTRACT FOR: Westminster, CO

CONTRACT DATE: 6/24/2019

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, Substitution for AIA Document G703, is attached.

CHANGE ORDER SUMMARY			
Change Orders To Date Approved By Owner		Additions	Deductions
Number	Date Approved		
1			
2			
3			
Net Change by Change Orders			-

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 payment shown herein is now due.

SUBMITTED BY CONTRACTOR:

By: 

Date: 4/3/2020

APPROVED BY OWNER:

By: 

Date: 4/16/20

1. ORIGINAL CONTRACT SUM	\$	13,550,689.45
2. Net change by Change Orders	\$	133,200.00
3. CONTRACT SUM TO DATE (Line 1+2)	\$	13,683,889.45
4. TOTAL COMPLETED & STORED TO DATE	\$	4,787,134.98
5. RETAINAGE		
a. 5% of Completed Work	\$	239,356.75
b. 0% of Stored Materials	\$	
Total Retainage (Line 5a + 5b or		239,356.75
6. TOTAL EARNED LESS RETAINAGE	\$	4,547,778.23
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	4,297,063.64
8. CURRENT PAYMENT DUE	\$	250,714.59
9. BALANCE TO FINISH INCLUDING RETAINAGE	\$	8,896,754.47

AMOUNT CERTIFIED: \$ 250,714.59

(Attached explanation of amount certified differs from the amount applied for.)

ENGINEER'S CERTIFICATE FOR PAYMENT:

In accordance with Contract Documents, based on on-site observations and the data comprising the above information, the Engineer certifies to the Owner that to the best of the Engineer'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.

RECOMMENDED BY ENGINEER:

By: 

4/13/20

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: 9

APPLICATION DATE:

PERIOD TO: March 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 & Insurance	\$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	26,068.00	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
24	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%	\$8,763,554.47

APPLICATION AND CERTIFICATE FOR PAYMENT

OWNER: City of Westminster, CO
4800 West 92nd Avenue
Westminster, CO 80031

APPLICATION: 10

PERIOD: April 1-30, 2020

CONTRACTOR: Utility Metering Solutions
117 East Thomas Street
Hammond, LA 70401

CONTRACT NUMBER: PWU 11-15-0-2018

SUBCONTRACT NUMBER:

CONTRACT FOR: Westminster, CO

CONTRACT DATE: 6/24/2019

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, Substitution for AIA Document G703, is attached.

CHANGE ORDER SUMMARY		
Change Orders To Date Approved By Owner		
Number	Date Approved	
1		
2		
3		
Net Change by Change Orders		-

The undersigned Contractor certifies that to the best of the Contractor's knowledge 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 payment shown herein is now due.

SUBMITTED BY CONTRACTOR:

By:  Date: 5/13/2020

APPROVED BY OWNER:

By:  Date: 5/29/20

1. ORIGINAL CONTRACT SUM \$ 13,550,689.45
2. Net change by Change Orders \$
3. CONTRACT SUM TO DATE (Line 1+2) \$ 13,550,689.45
4. TOTAL COMPLETED & STORED TO DATE \$ 5,275,478.94

5. RETAINAGE
a. 5% of Completed Work \$ 263,773.95
b. 0% of Stored Materials \$

Total Retainage (Line 5a + 5b or 263,773.95

6. TOTAL EARNED LESS RETAINAGE \$ 5,011,704.99

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$ 4,547,778.23

8. CURRENT PAYMENT DUE \$ 463,926.76

9. BALANCE TO FINISH INCLUDING RETAINAGE \$ 8,275,210.51

AMOUNT CERTIFIED: \$ 463,926.76

(Attached explanation of amount certified differs from the amount applied for.)

ENGINEER'S CERTIFICATE FOR PAYMENT:

In accordance with Contract Documents, based on on-site observations and the data comprising the above information, the Engineer certifies to the Owner that to the best of the Engineer'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.

RECOMMENDED BY ENGINEER:

By:  5/27/2020

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: 10

APPLICATION DATE:

PERIOD TO: April 1-30,2020

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 & Insurance	\$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	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	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
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	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	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	0.2600	0.7400	22,200.00	1.00	\$30,000.00	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
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	0.125172000	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

APPLICATION AND CERTIFICATE FOR PAYMENT

OWNER: City of Westminster, CO
4800 West 92nd Avenue
Westminster, CO 80031

APPLICATION : 11

PERIOD: May 1-31, 2020

CONTRACTOR: Utility Metering Solutions
117 East Thomas Street
Hammond, LA 70401

CONTRACT NUMBER: PWU 11-15-0-2018

SUBCONTRACT NUMBER:

CONTRACT FOR: Westminster, CO

CONTRACT DATE: 6/24/2019

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, Substitution for AIA Document G703, is attached.

CHANGE ORDER SUMMARY		
Change Orders To Date Approved By Owner		
Number	Date Approved	
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Net Change by Change Orders		-

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 payment shown herein is now due.

SUBMITTED BY CONTRACTOR:

By: 

Date: 6/20/2020

APPROVED BY OWNER:

By: 

Date: 6/29/20

1. ORIGINAL CONTRACT SUM	\$	13,550,689.45
2. Net change by Change Orders	\$	
3. CONTRACT SUM TO DATE (Line 1+2)	\$	13,550,689.45
4. TOTAL COMPLETED & STORED TO DATE	\$	6,586,562.89
5. RETAINAGE		
a. 5% of Completed Work	\$	329,328.14
b. 0% of Stored Materials	\$	
Total Retainage (Line 5a + 5b or		329,328.14
6. TOTAL EARNED LESS RETAINAGE	\$	6,257,234.75
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	5,011,704.99
8. CURRENT PAYMENT DUE	\$	1,245,529.76
9. BALANCE TO FINISH INCLUDING RETAINAGE	\$	6,964,126.56

AMOUNT CERTIFIED:

\$ 1,245,529.76

(Attached explanation of amount certified differs from the amount applied for.)

ENGINEER'S CERTIFICATE FOR PAYMENT:

In accordance with Contract Documents, based on on-site observations and the data comprising the above information, the Engineer certifies to the Owner that to the best of the Engineer'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.

RECOMMENDED BY ENGINEER:

By: 

6/29/20

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: 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 & Insurance	\$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	910	396	19,404.00	1,306	\$63,994.00	65.30%	\$34,006.00
9b	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	\$146,612.50	62.50%	\$87,967.50
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	35.87%	\$895,622.00
10b	Remove and replace 5/8" x 3/4" meter with 9" lay length	\$137.89	28,500	\$3,929,865.00	10,479	3,250	448,142.50	13,729	\$1,893,091.81	48.17%	\$2,036,773.19
11a	Remove and replace 1" meter	\$49.00	2,200	\$107,800.00	289	204	9,996.00	493	\$24,157.00	22.41%	\$83,643.00
11b	Remove and replace 1" meter	\$177.55	2,200	\$390,610.00	1,098	599	106,352.45	1,697	\$301,302.35	77.14%	\$89,307.65
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	8,825	3,196	41,548.00	12,021	\$156,273.00	36.26%	\$274,677.00
14b	AMI transmitter	\$127.82	33,150	\$4,237,233.00	12,677	3,800	485,716.00	16,477	\$2,106,090.14	49.70%	\$2,131,142.86
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	1.0	\$30,000.00	100.00%	\$0.00
18b	Network setup, complete in place	\$38,107.37	1	\$38,107.37	1.000			1.0	\$38,107.37	100.00%	\$0.00
19a	Installation of radio transmitter towers, complete in place	\$88,000.00	1	\$88,000.00	1.00000		0.00	1.0	\$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	1.0	\$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	0.00%	\$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	0.125900000		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

APPLICATION AND CERTIFICATE FOR PAYMENT

OWNER: City of Westminster, CO
4800 West 92nd Avenue
Westminster, CO 80031

APPLICATION: 12

PERIOD: June 1-30, 2020

CONTRACTOR: Utility Metering Solutions
117 East Thomas Street
Hammond, LA 70401

CONTRACT NUMBER: PWU 11-15-0-2018

SUBCONTRACT NUMBER:

CONTRACT FOR: Westminster, CO

CONTRACT DATE: 6/24/2019

CONTRACTOR'S APPLICATION FOR PAYMENT

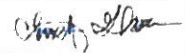
Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, Substitution for AIA Document G703, is attached.

CHANGE ORDER SUMMARY			
Change Orders To Date Approved By Owner		Additions	Deductions
Number	Date Approved		
1			
2			
3			
Net Change by Change Orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge 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 payment shown herein is now due.

1. ORIGINAL CONTRACT SUM	\$	13,550,689.45
2. Net change by Change Orders	\$	
3. CONTRACT SUM TO DATE (Line 1+2)	\$	13,550,689.45
4. TOTAL COMPLETED & STORED TO DATE	\$	8,323,321.09
5. RETAINAGE		
a. 5% of Completed Work	\$	416,166.05
b. 0% of Stored Materials	\$	
Total Retainage (Line 5a + 5b or		416,166.05
6. TOTAL EARNED LESS RETAINAGE	\$	7,907,155.04
7. LESS PREVIOUS CERTIFICATES FOR		
PAYMENT (Line 6 from prior Certificate)	\$	6,257,234.75
8. CURRENT PAYMENT DUE	\$	1,649,920.29
9. BALANCE TO FINISH INCLUDING RETAINAGE	\$	5,227,368.36

SUBMITTED BY CONTRACTOR:

By: 

Date: 7/15/2020

AMOUNT CERTIFIED: \$ 1,649,920.29

(Attached explanation of amount certified differs from the amount applied for.)

ENGINEER'S CERTIFICATE FOR PAYMENT:

In accordance with Contract Documents, based on on-site observations and the data comprising the above information, the Engineer certifies to the Owner that to the best of the Engineer'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.

RECOMMENDED BY ENGINEER:

By:  7/15/2020

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.

APPROVED BY OWNER:

By: 

Date: 7/16/2020

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: 12

APPLICATION DATE:

PERIOD TO: June 1-30, 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 & Insurance	\$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
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
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		3,986,812	\$9,431,877.45	\$13,550,689.45			\$1,736,759.95		\$8,323,321.09	61.42%	\$5,227,368.36