

<b>City of San Buenaventura</b> <b>ADVANCED METERING INFRASTRUCTURE PROJECT -</b> <b>WATER METER AND ANTENNA INSTALLATIONS</b> <b>SPECIFICATION No. 2017-004</b> <b>RFP No. P130000400</b> <b>3/29/2018</b>						1		2	
				Engineering Estimate		Professional Meters, Inc.		Keystone Metering Systems	
				City of Ventura Ventura Water Department		3605 N State Route 47, Ste. E Morris, IL 60450		99 Perry St, Luzerne, PA 18709	
Item No.	Description	Qty.	Unit			Lic# 1019233		Lic# 1027850	
				Unit Cost (\$)	Total (\$)	Unit Cost (\$)	Total (\$)	Unit Cost (\$)	Total (\$)
1	Mobilization (Not to Exceed 5% of Estimated Total Bid)	LS	Ea	203,838.00	203,838.00	100,000.00	100,000.00	112,000.00	112,000.00
2.1	Meter - 3/4 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	21064	Ea	75.00	1,579,800.00	47.35	997,380.40	61.42	1,293,750.88
2.2	Meter - 1 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	1549	Ea	75.00	116,175.00	50.99	78,983.51	61.42	95,139.58
2.3	Meter - 1.5 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	249	Ea	75.00	18,675.00	200.46	49,914.54	161.05	40,101.45
2.4	Meter - 2 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	162	Ea	75.00	12,150.00	204.36	33,106.32	161.05	26,090.10
2.5	Dual (U-Line) Meters – 3/4 inch & 1 inch with 1ea Meter Box Lid & 2ea Antenna Install, 1ea GPS Coordinates, and 2ea Meter Exchange Electronic Data.	4774	Ea	125.00	596,750.00	65.85	314,367.90	94.63	451,763.62
3.1	Meter - 3/4 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	1,031	Ea	75.00	77,325.00	45.95	47,374.45	89.63	92,408.53
3.2	Meter - 1 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	587	Ea	75.00	44,025.00	50.99	29,931.13	89.63	52,612.81
3.3	Meter - 1.5 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	517	Ea	75.00	38,775.00	200.46	103,637.82	231.58	119,726.86
3.4	Meter - 2 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	455	Ea	75.00	34,125.00	204.36	92,983.80	231.58	105,368.90
4	Install E-Coder MIU, Antenna, GPS Coordinates, and Meter Exchange Electronic Data.	100	Ea	75.00	7,500.00	44.60	4,460.00	75.53	7,553.00
5	Parallel Meter – 3/4 inch with Gardeners box, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	690	Ea	75.00	51,750.00	91.17	62,907.30	75.53	52,115.70
6	Meter Box Lid Size 10x15 inches	11,434	Ea	30.00	343,020.00	22.38	255,892.92	25.00	285,850.00
7	Meter Box Lid Size 11x18 inches	11,594	Ea	40.00	463,760.00	24.86	288,226.84	30.00	347,820.00
8	Meter Box Lid Size 14x23 inches	1,088	Ea	55.00	59,840.00	48.03	52,256.64	50.00	54,400.00
9	Meter Box Lid Size 17x22 inches (dual antenna)	2,387	Ea	70.00	167,090.00	43.39	103,571.93	55.00	131,285.00
10	Meter Box Lid Size 17x30 inches	704	Ea	100.00	70,400.00	55.91	39,360.64	80.00	56,320.00
14	MAN HOUR WAGE RATE FOR NON-STANDARD WORK	5,000	Ea	75.00	375,000.00	75.00	375,000.00	150.00	-
15	Release of Contract	LS	Ea	1.00	1.00	1.00	1.00	50,000.00	50,000.00
<b>SUB-TOTAL FOR ITEMS 1-10,14,15 FOR COMPARISON</b>				<b>4,259,999.00</b>		<b>3,029,357.14</b>		<b>3,374,306.43</b>	
<b>SUB-TOTAL PERCENT OF BID FOR COMPARISON</b>				<b>99.5188%</b>		<b>99.7038%</b>		<b>97.6841%</b>	
<b>Price for Item 11, 12 and 13 One Time Costs</b>									
11	Data Management Application and Bi-Directional Interface with the City's Data Management Tools	LS	Ea	11000.00	\$11,000.00	5,500.00	\$5,500.00	60,000.00	\$60,000.00
12	GPS Antenna and Coordinate Data System	LS	Ea	9000.00	\$9,000.00	2,500.00	\$2,500.00	15,000.00	\$15,000.00
13	GPS Coordinate Sample Data Collection & Verification	LS	Ea	600.00	\$600.00	1,000.00	\$1,000.00	5,000.00	\$5,000.00
<b>SUB-TOTAL FOR ITEMS 11-13 FOR COMPARISON</b>				<b>20,600.00</b>		<b>9,000.00</b>		<b>\$80,000.00</b>	
<b>SUB-TOTAL PERCENT OF BID FOR COMPARISON</b>				<b>0.4812%</b>		<b>0.2962%</b>		<b>2.3159%</b>	
<b>GRAND TOTAL OF BID (\$)</b>				<b>4,280,599.00</b>		<b>3,038,357.14</b>		<b>\$3,454,306.43</b>	

City of San Buenaventura				2		4	
ADVANCED METERING INFRASTRUCTURE PROJECT - WATER METER AND ANTENNA INSTALLATIONS				RTS Water Solutions 9240 NW 63rd Street,#6 Parkville, MO 64152		Vanguard Utility Service, Inc. 1421 W. 9th Street Owensboro, KY 42301	
SPECIFICATION No. 2017-004 RFP No. P130000400 3/29/2018				Lic# 812256		Lic# 949607	
Item No.	Description	Qty.	Unit	Unit Cost (\$)	Total (\$)	Unit Cost (\$)	Total (\$)
1	Mobilization (Not to Exceed 5% of Estimated Total Bid)	LS	Ea	10,757.20	10,757.20	207,500.00	207,500.00
2.1	Meter - 3/4 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	21064	Ea	43.38	913,858.29	64.89	1,366,842.96
2.2	Meter - 1 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	1549	Ea	43.60	67,539.07	64.89	100,514.61
2.3	Meter - 1.5 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	249	Ea	323.47	80,543.08	292.79	72,904.71
2.4	Meter - 2 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	162	Ea	416.05	67,399.55	365.89	59,274.18
2.5	Dual (U-Line) Meters – 3/4 inch & 1 inch with 1ea Meter Box Lid & 2ea Antenna Install, 1ea GPS Coordinates, and 2ea Meter Exchange Electronic Data.	4774	Ea	116.67	556,991.52	85.69	409,084.06
3.1	Meter - 3/4 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	1,031	Ea	43.38	44,729.77	65.06	67,076.86
3.2	Meter - 1 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	587	Ea	43.60	25,594.21	65.06	38,190.22
3.3	Meter - 1.5 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	517	Ea	323.47	167,232.01	292.79	151,372.43
3.4	Meter - 2 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	455	Ea	416.05	189,301.21	365.89	166,479.95
4	Install E-Coder MIU, Antenna, GPS Coordinates, and Meter Exchange Electronic Data.	100	Ea	49.48	4,947.55	48.57	4,857.00
5	Parallel Meter – 3/4 inch with Gardeners box, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	690	Ea	76.37	52,694.28	165.00	113,850.00
6	Meter Box Lid Size 10x15 inches	11,434	Ea	37.17	425,046.45	29.57	338,103.38
7	Meter Box Lid Size 11x18 inches	11,594	Ea	40.09	464,856.92	31.89	369,732.66
8	Meter Box Lid Size 14x23 inches	1,088	Ea	68.09	74,078.76	54.15	58,915.20
9	Meter Box Lid Size 17x22 inches (dual antenna)	2,387	Ea	136.75	326,428.34	108.77	259,633.99
10	Meter Box Lid Size 17x30 inches	704	Ea	115.43	81,259.64	91.80	64,627.20
14	MAN HOUR WAGE RATE FOR NON-STANDARD WORK	5,000	Ea	78.70	393,512.27	58.69	293,450.00
15	Release of Contract	LS	Ea	1.00	1.00	1.00	1.00
<b>SUB-TOTAL FOR ITEMS 1-10,14,15 FOR COMPARISON</b>				<b>3,946,771.12</b>		<b>4,142,410.41</b>	
<b>SUB-TOTAL PERCENT OF BID FOR COMPARISON</b>				<b>97.7844%</b>		<b>97.8046%</b>	
<b>Price for Item 11, 12 and 13 One Time Costs</b>							
11	Data Management Application and Bi-Directional Interface with the City's Data Management Tools	LS	Ea	56,767.00	\$56,767.00	60,986.00	\$60,986.00
12	GPS Antenna and Coordinate Data System	LS	Ea	32,000.00	\$32,000.00	27,000.00	\$27,000.00
13	GPS Coordinate Sample Data Collection & Verification	LS	Ea	659.67	\$659.67	5,000.00	\$5,000.00
<b>SUB-TOTAL FOR ITEMS 11-13 FOR COMPARISON</b>				<b>89,426.67</b>		<b>92,986.00</b>	
<b>SUB-TOTAL PERCENT OF BID FOR COMPARISON</b>				<b>2.2156%</b>		<b>2.1954%</b>	
<b>GRAND TOTAL OF BID (\$)</b>				<b>4,036,197.79</b>		<b>4,235,396.41</b>	

City of San Buenaventura				5		6	
ADVANCED METERING INFRASTRUCTURE PROJECT - WATER METER AND ANTENNA INSTALLATIONS				Central Coast Engineering 320 Lambert Street, #F Oxnard, CA 93036		Toro Enterprises, Inc. 2101 E. Ventura Blvd. Oxnard, CA 93036	
SPECIFICATION No. 2017-004 RFP No. P130000400 3/29/2018				Lic# 1005461		Lic# 710580	
Item No.	Description	Qty.	Unit	5		6	
				Unit Cost (\$)	Total (\$)	Unit Cost (\$)	Total (\$)
1	Mobilization (Not to Exceed 5% of Estimated Total Bid)	LS	Ea	258,239.86	258,239.86	285,000.00	285,000.00
2.1	Meter - 3/4 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	21064	Ea	93.12	1,961,479.68	102.00	2,148,528.00
2.2	Meter - 1 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	1549	Ea	93.12	144,242.88	102.00	157,998.00
2.3	Meter - 1.5 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	249	Ea	93.12	23,186.88	136.00	33,864.00
2.4	Meter - 2 inch with Meter Box Lid & Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	162	Ea	93.12	15,085.44	136.00	22,032.00
2.5	Dual (U-Line) Meters – 3/4 inch & 1 inch with 1ea Meter Box Lid & 2ea Antenna Install, 1ea GPS Coordinates, and 2ea Meter Exchange Electronic Data.	4774	Ea	186.24	889,109.76	102.00	486,948.00
3.1	Meter - 3/4 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	1,031	Ea	153.12	157,866.72	102.00	105,162.00
3.2	Meter - 1 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	587	Ea	153.12	89,881.44	102.00	59,874.00
3.3	Meter - 1.5 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	517	Ea	153.12	79,163.04	136.00	70,312.00
3.4	Meter - 2 inch with Meter Box Lid, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	455	Ea	153.12	69,669.60	136.00	61,880.00
4	Install E-Coder MIU, Antenna, GPS Coordinates, and Meter Exchange Electronic Data.	100	Ea	153.12	15,312.00	92.00	9,200.00
5	Parallel Meter – 3/4 inch with Gardeners box, Antenna Install, GPS Coordinates, and Meter Exchange Electronic Data.	690	Ea	153.12	105,652.80	102.00	70,380.00
6	Meter Box Lid Size 10x15 inches	11,434	Ea	31.56	360,857.04	35.00	400,190.00
7	Meter Box Lid Size 11x18 inches	11,594	Ea	34.04	394,659.76	37.00	428,978.00
8	Meter Box Lid Size 14x23 inches	1,088	Ea	57.80	62,886.40	52.00	56,576.00
9	Meter Box Lid Size 17x22 inches (dual antenna)	2,387	Ea	116.10	277,130.70	123.00	293,601.00
10	Meter Box Lid Size 17x30 inches	704	Ea	97.99	68,984.96	104.00	73,216.00
14	MAN HOUR WAGE RATE FOR NON-STANDARD WORK	5,000	Ea	75.00	375,000.00	93.50	467,500.00
15	Release of Contract	LS	Ea	1.00	1.00	1.00	1.00
<b>SUB-TOTAL FOR ITEMS 1-10,14,15 FOR COMPARISON</b>				<b>5,348,409.96</b>		<b>5,231,240.00</b>	
<b>SUB-TOTAL PERCENT OF BID FOR COMPARISON</b>				<b>98.0813%</b>		<b>91.6080%</b>	
<b>Price for Item 11, 12 and 13 One Time Costs</b>							
11	Data Management Application and Bi-Directional Interface with the City's Data Management Tools	LS	Ea	28,388.50	\$28,388.50	363,820.00	\$363,820.00
12	GPS Antenna and Coordinate Data System	LS	Ea	41,362.90	\$41,362.90	100,300.00	\$100,300.00
13	GPS Coordinate Sample Data Collection & Verification	LS	Ea	34,875.70	\$34,875.70	15,100.00	\$15,100.00
<b>SUB-TOTAL FOR ITEMS 11-13 FOR COMPARISON</b>				<b>104,627.10</b>		<b>479,220.00</b>	
<b>SUB-TOTAL PERCENT OF BID FOR COMPARISON</b>				<b>1.9187%</b>		<b>8.3920%</b>	
<b>GRAND TOTAL OF BID (\$)</b>				<b>5,453,037.06</b>		<b>5,710,460.00</b>	