

**Table 1
City of Ann Arbor
AMI Large Meter Installation Project
Estimated Large Meter Cost Summary**

Description	Sub-Description	Unit of Measure	Quantity	Contract Installation Price	Contract Survey Price	Contract End-to-End Project Management Services	Like for Like Installation Costs	Estimated Additional Materials	Estimated Additional Labor	Estimated Additional Material & Labor Costs	
Meter Change Out Installation: Installation scope of work will include removal of existing water meter, installation of a City-provided water meter of the specified size, installation of a radio transmitter. Cost for bolting, washers, gaskets, and consumable items are included. Replacement will be like for like in lay length, bolted connections, component weight. Work area will be free of obstructions to facilitate access for UMS to complete the scope of work. In addition this fee is based on all system isolation valves being functional and capable of ensuring pressure is reduced to the level required to install the meter.	3/4" & 1"	Each	27	\$ 87.50	\$ 4.00	\$ 8.30	\$2,694.60	\$ 200.00	\$384.00	\$15,768.00	
	1 1/2" & 2"	Each	83	\$ 262.00	\$ 4.00	\$ 8.30	\$22,766.90	\$ 400.00	\$576.00	\$81,008.00	
	3"	Each	164	\$ 582.00	\$ 4.00	\$ 8.30	\$97,465.20	\$ 517.26	\$576.00	\$179,294.39	
	4"	Each	85	\$ 582.00	\$ 4.00	\$ 8.30	\$50,515.50	\$ 479.07	\$576.00	\$89,680.70	
	6"	Each	30	\$ 982.00	\$ 4.00	\$ 8.30	\$29,829.00	\$ 550.52	\$576.00	\$33,795.50	
	8"	Each	3	\$ 1,282.00	\$ 4.00	\$ 8.30	\$3,882.90	\$ 1,046.82	\$576.00	\$4,868.47	
	10"	Each	3	\$ 1,582.00	\$ 4.00	\$ 8.30	\$4,782.90	\$ 1,269.51	\$576.00	\$5,536.52	
	12"	Each	1	\$ 1,582.00	\$ 4.00	\$ 8.30	\$1,594.30	\$ 1,545.38	\$576.00	\$2,121.38	
<i>Subtotal For Like for Like Installation Cost</i>							<i>\$213,531.30</i>				
Time & Material Contingency Allowance (UMS Hrly Rate \$96/hr) Allowance for as-needed plumbing modifications, additional equipment required due to confined space, restricted access, component weight or other non typical items will be resolved in accordance with contractual language related to T&M application. Material and licensed plumber cost will be invoice cost plus 15% per contract. Subject to review and approval by City after pre-installation survey.										\$412,072.96	
										\$127,927.04	
<i>Subtotal For Time & Material Allowance</i>											\$540,000.00
TOTAL LARGE METER INSTALLATION BUDGET											\$753,531.30