

**Village of Wellington
Meter Installation Services**

Item/Service	Unit	Total Quantity	Unit Price	Extended Price	Notes/Comments
Professional Services					
Project Management	Lump	1	\$ 165,729.24	\$ 165,729.24	6 external licenses/user IDs included. Additional user IDs may be purchased for \$150 per user ID per month.
Mobilization	Lump	1	\$ 36,691.89	\$ 36,691.89	
Flat File Exchange Set-Up	Lump	1	\$ 60,301.79	\$ 60,301.79	
Travel and Expenses	Lump	1	\$ 57,719.03	\$ 57,719.03	
Bonding	Lump	1	\$ 31,222.48	\$ 31,222.48	
Subtotal				\$ 351,664.42	
Water Meter Replacement Installation					
3/4"	Each	18,687	\$ 53.03	\$ 990,929.15	
1"	Each	616	\$ 53.03	\$ 32,665.08	
1.5"	Each	236	\$ 307.56	\$ 72,584.59	
2"	Each	220	\$ 307.56	\$ 67,663.60	
Subtotal				\$ 1,163,842.41	
Other Fees					
GPS Coordinates (Sub-Meter Accuracy)	Each	19,759	\$ 11.32	\$ 223,592.40	
Battery Disposal	Each	19,759	\$ 2.28	\$ 45,042.27	
Subtotal				\$ 268,634.67	
Total Installation Cost				\$ 1,784,141.51	

Optional Work					
Lid Replacement	Each	100	\$ 3.39	\$ 339.48	<p>All hardscape box replacements will need to be handled on an individual basis via change order, or excluded from scope.</p> <p>Small Box (11" x 17", or similar) Only - Softscape. Includes Box Resetting.</p> <p>Intermediate Box (16" x 22", or similar) Only - Softscape. Includes Box Resetting.</p>
Lid Drilling (Polymer)	Each	1	\$ 3.39	\$ 3.39	
Lid Drilling (Steel)	Each	1	\$ 38.12	\$ 38.12	
Box Replacement (in Concrete, Asphalt, Pavers, or Similar)	Each	1	TBD	TBD	
Box Replacement (in Dirt, Gravel, Landscaping, Grass, Area with Tree Roots, or Similar)	Each	500	\$ 67.90	\$ 33,947.93	
Box Replacement (in Dirt, Gravel, Landscaping, Grass, Area with Tree Roots, or Similar)	Each	1	\$ 101.84	\$ 101.84	
1-1/2" Meter Coupler Conversion (Threaded to Flanged) ALL MATERIAL PROVIDED BY OTHERS	Each	1	\$ 135.79	\$ 135.79	
2" Meter Coupler Conversion (Threaded to Flanged) ALL MATERIAL PROVIDED BY OTHERS	Each	1	\$ 135.79	\$ 135.79	

ASSUMPTIONS:

Continous Work

- Pricing assumes a continuous workflow
- All products to be provided to Contractor shall be provided in sufficient quantities to allow for the uninterrupted installation of all meters targeted for upgrade. Typically a 2 month supply of materials is requested to be on hand at the onset of installation. If production stoppage occurs due to availability of material, an additional mobilization cost will be incurred.
- A minimum of 150 meter accounts must be available daily for installation crews to remain productive. Contractor will work closely with Owner to coordinate a sequence of installation that accomodates billing blackout periods.

Vaccum Extraction

- Disposal of spoils from meter pits shall be discharged at a spoils location provided by the Owner.
- An additional cost of \$1,690 per month shall apply for disposal at a 3rd party dumping location.

Data QA Procedure

- Review of the data entry process by technicians during meter exchanges are reviewed against photos taken.
- These photos contain vital datasets, such as old meter number, found read, new meter number, and new transmitter number, in accordance with agreed standards.
- Each photo corresponds to a specific data field, with data entry personnel inputting the visible alpha, numeric or alphanumeric data.
- New and old read, new and old meter serial number, and new transmitter number shall be 100% reviewed.
- The data provided by the utility or captured in photos during the installation process is cross-checked against field data entry inputs.
- In case of discrepancies, a data analyst for the contractor shall review, correct, and provide the Village within 3 working days of installation including on-site verification by Construction Manager if necessary.
- In all cases, meter data is transmitted as a to host file on a weekly basis for the duration of the project per Data Format Requirements detailed in Exhibit P.

ASSUMPTIONS (CONTINUED):

Installation QC Process

- Our work order management system will generate a randomized list of quality control inspections, representing up to 5% of daily installations including a cross-section of all installers.
- Construction managers shall conduct these onsite inspections and respond to a series of inspection criteria.
- Inspection criteria shall include verifying the correct installation and leak-checking of the meter, ensuring the meter's orientation matches the proper flow direction, confirming the transmitter is mounted and wired correctly.
- Installers with repeated quality control issues shall undergo retraining or be removed from the project.
- All installations by new installers are subject to 100% quality control inspection for their initial period in the field.

Infrastructure Scope Clarifications

Installation of ancillary infrastructure items that are included in base scope of work, or detailed as an additional optional item in this proposal as priced per unit in this Schedule of Values, are with the assumption that such installation occurs at the time of regular meter installation, pending approval given in a mutually agreed-upon process to be defined at kickoff. Should any of these installation efforts be requested at a time other than regular meter installation, additional fees may be assessed. Examples of these items include, but are not limited to:

- meter boxes and lids
- curb stops, isolation valves, and retrosetters
- backflow preventers and check valves
- meter coupling replacements
- meter coupling conversion to flange fittings

Should an Owner-side valve require replacement/installation the Owner must shut down the main line feeding that service to facilitate the valve work. Contractor will not attempt to replace/install valves on a "hot" line. Contractor will repair any service lines if damage was caused by Contractor's negligence within Contractor's work area. Any repair will not allow compression couplings on a pressurized line or faulty plumbing infrastructure.

RTU Conditions and Procedures

Over the duration of the project, some service locations may be returned back to Owner for repair (RTU) if the meter service is deemed "inaccessible." Additionally, an account may be marked as Cannot Complete - Utility Intervention Required (CC) wherever utility involvement is required to gain access to a meter, provide approval for Contractor to perform infrastructure repairs, or for Owner to provide necessary repairs.

"Inaccessible" is generally defined as a meter service location that is in a condition that prevents the removal of the existing meter and installation of a new meter using reasonable installation techniques. Conditions that may cause a meter to be classified as "inaccessible" include (but are not limited to):

- Locations where a faulty valve prevents Contractor from shutting off the water to the facility. A faulty shut off valve would be considered a pre-existing condition that would prevent Contractor from replacing the meter. It would either be returned to Village of Wellington for repair or repaired by Contractor at an additional cost.
- Meters where Owner's customer prevents Contractor from accessing the meter. If allowable, Contractor will attempt to contact the customer to schedule an appointment.
- If it is determined that attempting a meter install will result in failure of the service line.
- Locations where the meter flange or coupling is located outside of the meter pit.
- Locations that cannot be reached and require that the lid ring and/or meter pit to be removed.

Conditions that do not warrant "Inaccessible" status include:

- Dirt or water in the meter box.
- Animals that do not pose a safety risk.

Barring a safety condition or damaged infrastructure condition, Contractor will make 3 attempts total to install any given meter—an initial attempt and two follow-on attempts). If information is available, alternate means of contact can be attempted (with the Village's consent); otherwise 2 revisits to the location after the initial attempt will be made. After these attempts, the account will be designated RTU, or CC for the Village to assist with coordinating the installation.

Contractor will only return and install the new meter/endpoint using normal installation techniques for RTU'd or CC'd accounts if Owner completes required repairs within 10 business days.

Specific Installation Inclusions

The following items are specifically included with each meter installation location:

- Rubber meter gaskets and bolts shall be provided by Contractor.

Specific Installation Exclusions

The following items are specifically excluded with each meter installation location:

- Meter boxes are assumed to sit at a depth of no more than 14". Small meter boxes shall be defined as 12" round or 11" x 17" rectangular. Intermediate meter boxes shall be defined as 15" round, or 15" x 17" rectangular. Larger or deeper meter boxes shall require an excessive dig charge to be applied.
- Installation of pea gravel, or other backfill material is excluded from proposal pricing. Meter boxes shall be cleaned out but left in the same general condition as they were found.
- Meter box modifications including lid drills, box resets, box replacements are considered Optional Items as detailed above. Major regrading requiring additional fill for site restoration is specifically excluded from this proposal.
- Infrastructure modifications including coupling to flange conversion kits, curb stop valve replacements, etc shall be provided at T&M rates unless specifically noted in Exhibit G.
- Bee removal services are excluded from proposal pricing and shall be handled on a direct cost + 15% basis and must be approved by Owner; Owner reserves the right to address this situation should it occur.
- Arborist services or major vegetation removal are excluded from proposal pricing and shall be handled on a direct cost + 15% basis and must be approved by Owner; Owner reserves the right to address this situation should it occur.