 <p><b>Macon Water Authority</b></p> <p>790 2nd Street, Macon, GA 31201</p>	<b>Large Meter and Advanced Metering Infrastructure (AMI) Device Installation</b>	
	<b>ADDENDUM # 2</b>	
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1. **Licensing information that REPLACES replace previous information provided in Addendum No. 1.**

MWA recognizes that more than 51% of this work could be performed by any person who holds a valid master plumbing license or a valid utility contractor license particularly in the area extending from the property line (or road right of way) up to but not within 5 feet of any building, structure, or conveyance, regardless of the cost or depth of any such plumbing system. Therefore, MWA is removing the requirement that 51% of the work must be self-performed by the General Contractor. For the purposes of this contract only, the bidder may utilize a sub-contractor who has a master plumber class II (non-restricted) license to perform work which is within the area described above.

2. **Has an overall project timeline been established for this project?**

**Answer:**


Exhibit A, below, shows the sample project schedule. Section 2.6(a) of the RFP states that: *"The Authority and the Proposer shall establish an overall schedule for installation of the entire project."*

3. **Will MWA assist with customer notification and scheduling (email, contact numbers).**

**Answer:**

MWA will develop and approve the content for external communication materials and provide digital copies to Proposer. MWA will also provide contact information for their commercial and industrial customers. Proposer will be required to print and deliver/mail all customer notifications as specified in the RFP. Section 2.5(a) of the RFP states that: *"Between 4 and 5 weeks prior to the commencement of installations for a particular group of customers, Proposer shall provide an Authority-approved scheduling & leave behind card to those customers informing them of the project and prompting customers to schedule their meter replacement appointment. The Proposer shall provide the scheduling & leave behind cards in person, within the required time frame of notification, to the applicable service address on each work order. Proposer should attempt to coordinate the meter replacement appointment with the customer point of contact during this interaction."*

4. **On the optional bid #1 tab, is the number of units listed estimated or has someone looked at the locations to confirm?**

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**Answer:**

MWA conducted a field inspection and surveyed their large meter population to gather as much information as possible. The quantities stated in the Optional Bid #1 table were estimated based on the field observations and notes.

5. **Bid documents state if there is not enough room in box/vault for bypass it will need to be placed outside. Is there an estimated quantity and locations of where this will need to be done?**

**Answer:**

The quantities stated in the Optional Bid #1 table reflect the number of bypasses that may need to be installed.

6. **Will the bypasses installed be the same size as the supply line?**

**Answer:** Please refer to Appendix E: Meter By-Pass

7. **Will service line repair by foot and shut off valves be included in Installation of permanent bypass or separately.**

**Answer:** MWA will supply the materials. The installation of a permanent bypass line items should include all labor to completely install a bypass per MWA specifications, as described in Appendix E: Meter By-Pass.

"Service Line Repair by Foot" is intended to be a line item to repair damaged service lines. Shutoff valves may need to be replaced in the same instance as a service line repair. Shutoff valve replacement shall be included in the line item for "Service Line Repair by Foot."

8. **What is the proposed project start date?**

**Answer:** The anticipated Notice to Proceed (NTP) is November 2025.


9. **Will there be multiple phases to this project? What will they entail?**

**Answer:** No

10. **Will Davis-Bacon wage rates be expected?**

**Answer:** No

11. **Is legacy meter material brass or plastic?**

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**Answer:** Legacy meter material is predominantly brass.

**12. What languages are required for outreach material?**

**Answer:** Languages on printed content will be in English. MWA may provide online translations for other languages.

**13. What languages are required in the call center?**

**Answer:** English only.

**14. Will there be power, office space and restrooms accessible at the staging area?**

**Answer:** MWA will not provide a staging area, power, office space, or accessible restrooms. The Contractor is responsible for supplying these accommodations for their staff and equipment.

**15. Will there be room for a fleet of ½-ton trucks at the provided staging area?**

**Answer:** Refer to answer in question #14.

**16. Will there be access to a forklift and/or pallet jack to move material?**

**Answer:** Refer to answer in question #14. MWA will assist with the loading of material obtained from the warehouse.

**17. Will there be room for:**

**a. Bins for salvageable material (meters, metal lids, etc.)?**

**Answer:** MWA will provide a bin for salvage materials (meters and metal lids, etc).

**b. Bins for recyclable material (packaging, cardboard, plastic, etc.)?**


**c. Bins for spoils (dirt, trash, debris, etc.)?**

**d. Bins for hazardous waste (legacy endpoints/batteries)?**

**Answer:** The Contractor is responsible for supplying bins and/or accommodation for the materials described in questions #17b, 17c and 17d.

**18. What percentage of services are Residential, Irrigation, Commercial, and Industrial?**

**Answer:** The approximate breakdown per customer class for the Required Bid Tab replacement scenario is shown below. Optional Bid #2 quantities can be assumed to all be residential. Customer class for exact locations will be provided to the selected Proposer.

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Customer Class	Approximate %
Commercial	71%
Industrial	2%
Public	5%
Residential	7%
Multi-Family Residential	15%

- 19. Number or percentage of meters in the following locations: Indoors, curb and gutter, front yards, backyards, behind locked gates, alleyways, driveways, roadways, rural Areas.**

**Answer:** The majority of meters are located outside buildings and structures and accessible from the public right-of-way. The remaining meters will need to be assessed on a case-by-case basis by the Contractor. The Contractor will be required to coordinate time to access and replace the meter with the meter customer.

- 20. Confined spaces: Please provide the location and quantities of the confined spaces**

**Answer:** Meters 6" and larger are assumed to be in confined spaces. MWA estimates some 1.5" through 4" meters to be in confined space (as notes in Optional Bid #1); however, these quantities are estimates based on the MWA's field survey.

- 21. Hazardous areas, please describe the potentially hazardous conditions, quantities, and locations.**

**Answer:** MWA does not have exact quantities and locations of potentially hazardous conditions. MWA estimates this to be less than 1% of the total meter installations. Proposer should provide in their response a plan to safely handle common hazardous conditions that could be encountered during this type of work.


- 22. How many services are in hardscapes (concrete, asphalt, etc.)?**

**Answer:** Existing boxes are brick, concrete, or quacite (fiberglass). MWA's data showed two (2) meters that have may have a concrete lid or encased in concrete.

- 23. Is it anticipated that meter boxes will require substantial cleaning (dirt higher than bottom of register)? What percentage?**

**Answer:** MWA's field survey showed eight (8) boxes with excess dirt and will need cleaning before the meter is changed.

- 24. What is the typical depth (in inches) to the top of the meter register?**

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**Answer:** Depth varies by meter size and setting. However, typical depth from bottom of lid to top of the meter register ranges from 12 to 72 inches.

**25. Are existing meters on setter, risers, or straight pipe?**

**Answer:** Meters are typically on straight pipe with flanged fittings for all 1.5" and larger meters.

**26. Are specific lid sizes known for each service location?**

**Answer:** MWA will provide any/all required lid hardware for Proposer to complete installations.

**27. Do lids have pre-drilled holes?**

**Answer:** MWA will provide any/all required lid hardware for Proposer to complete installations.

**28. What is the size of the pre-drilled hole?**

**Answer:** MWA will provide any/all required lid hardware for Proposer to complete installations.

**29. If holes will be drilled in existing lids: Amount of seed-stock provided Utility or Vendor?**

**Answer:** MWA will provide any/all required lid hardware for Proposer to complete installations.

**30. If holes will be drilled in existing lids: Amount of seed-stock provided Utility or Vendor?**

**Answer:** MWA will provide any/all required lid hardware for Proposer to complete installations. The Pricing Tables Instructions state the following under the Replacement Lids section: "Proposer shall provide pricing to replace non-composite lids with composite lids conforming to the Technical Specifications and to modify non-composite lids by drilling them (provided they are not located in areas where vehicles could travel over or park on top of them). Proposer shall indicate whether it intends to modify or replace meter box or vault lids. The cost of the labor to replace or drill lids shall be included in the unit installation prices."

**31. What size of hole is to be drilled in lid?**

**Answer:** MWA will provide any/all required lid hardware for Proposer to complete installations.

**32. Is the decision for replacement based on a pre-installation audit?**

**Answer:** Yes

**33. Will the replacement boxes be the same size as the old boxes?**

**Answer:** Replacement boxes may be the same size or larger than the old boxes. MWA intends to install boxes using standard sizes for uniformity across the system.


**34. What is the material of the existing meter boxes?**

**Answer:** Existing boxes are brick, concrete, or quacite (fiberglass).

**35. Are the existing meter boxes straight sided or tapered?**

**Answer:** Existing meter boxes are typically straight sided.

**36. What will the process be if a service is too high and the new endpoint radio will not fit under the lid?**

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**Answer:** MWA does not expect this to be a problem. However, if there are locations where the new MIU does not fit under the lid, MWA and selected Proposer will review on a case by case basis.

- 37. Provide percentages of piping materials found on the service side, within the service system: Copper, Galvanized, Poly, and CTS.**

**Answer:** Typical service line materials may be copper, ductile iron and cast iron. Percentages are not available.

- 38. Was there a system audit performed during the development of the RFP (meter type, meter size, meter manufacturer, quantity, box condition, lid condition, dirt/debris condition, etc.)?**

**Answer:** Yes

- 39. What was the audit outline, and will the results be shared?**

**Answer:** Results of the survey can be shared with the selected Proposer.

- 40. What entity performed the system audit?**


**Answer:** MWA

- 41. During installation services, will there be a third-party auditor performing QA/QC for the project owner? If yes, what entity will be performing the QA/QC services**

**Answer:** MWA intends to perform post-installation QA/QC audits.

- 42. All spool pieces have a 2" tap hole in them for future testing of the meter. Do we need to add a brass plug to the spool piece; and should it be installed facing up or on the side.**

**Answer:** A brass plug needs to be installed facing up.

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### EXHIBIT A. Sample Project Schedule

	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27
	M1	M2	M3	M4	M5	M6	M7	M8								
Pre-Deployment Planning & Setup	Implementation Kick-off															
	Staging by Installer															
	Project SOPs			SOPs Approved												
IT Delivery	WOMS Interfaces Overview	Build & Test Interfaces	E2E/UAT Testing Completed													
Installations					Deployment Begins	Deployment (~12 months total)										Project Closeout
Communications	External Communication - Materials		Materials Approval	Customer Notification Begins												