

City of LaBelle, Florida Request for Proposals for Water Meters

The City of LaBelle is a municipality of approximately 5,000 and the county seat of Hendry County, Florida. LaBelle has an existing water meter and automated reader service which has reached end of life, the City is seeking proposals for replacement water meters with automated reader capabilities (hereinafter automated meter reader or AMR). The City is seeking a turnkey solution incorporating the latest technology to replace the existing and outdated meter reading technology with a system which integrates with the City's current and planned facilities, allows for future expansion, and limited maintenance.

Each proposer must be prepared to supply and install meters and any associated reader infrastructure within the existing system in a short time frame and provide continuing support services including maintenance, software support, and data transfer to the existing customer service software. Due to the imminent termination of the existing service and supply shortage the City is requesting that only suppliers with sufficient existing supplies respond to this request for proposals (RFP).

LaBelle will evaluate and rank submittals and select the highest ranked company from firms submitting a Statement of Interest from which to begin negotiating an Agreement.

In order to be considered, sealed proposals (one original and three copies) labeled "Water Meter Proposal" must be received by the City at City Hall (Clerk's Office), 481 West Hickpochee Avenue, LaBelle, Florida 33935 by January 24, 2022 at 2:00 p.m., at which time all responses to this request will be recorded in the presence of one or more witnesses. Responses received after that date and time will not be considered.

All proposals shall remain in effect for a period of ninety (90) days after the solicitation deadline.

Questions: Questions should be directed to the Deputy City Clerk, located at 481 West Hickpochee Avenue, LaBelle, Florida 33935 or e-mailing Jessi Zubaty at jessizubaty@citylabelle.com. Technical questions can be made to Glenn Burden gburden@woodardcurran.com but must copy the Deputy City Clerk. Any changes by the City to specifications will be in writing in the form of an addendum and furnished to all RFP document holders of which the City is aware. Verbal information obtained otherwise will NOT be considered in awarding the RFP.

RESPONSE SCHEDULE

Activity	Date
1 Issue "Request for Qualifications"	January 3, 2022
2 Submittal – "Request for Qualifications"	January 24, 2022
3 Post ranking of firms	January 28, 2022
4 Begin Negotiations with Top Ranked Firm	January 28, 2022
5 Finalize Pricing and Agreement (City Commission)	February 10, 2022

SELECTION CRITERIA

	Points
1 Firm's Qualifications (AWWA participation, years in industry, expertise, similar experience, etc.)	0-10 Points
2 Feedback from Firm's References	0-10 Points

3	AMR Technology (reliability, automation, leak detection, data delivery, etc.)	0-20 Points
4	Implementation Schedule (availability and installation)	0-20 Points
5	Cost (per unit and continuing support)	0-40 Points

FIRM AND TECHNICAL REQUIREMENTS

In general, the scope of services to be provided consists of the following:

1. Letter of Interest – A letter stating your interest in providing these services, signed by the person who will have contract authority over the services and stating the contents of the response are true and accurate. Summarize the proposer’s position as to why the company should be selected.
2. Overall Firms Experience and Expertise – Description of Firm, including the location from which the project will be administered, and the location of individuals anticipated to be assigned to this project. Describe experience completing services of similar scope for other governmental entities (preferably Florida-based) and provide multiple references with contacts, title, phone number, and email addresses.
3. Corporate Disclosures – Please identify any past, current, or pending litigation relating to any ARM products of Firm, as well as any previous or anticipated sales or mergers.
4. Training – Firm must provide training for all City personnel.
5. General Meter Requirements:
 - i. AMR solutions only, advanced metering infrastructure or AMI systems will not be considered due to mesh battery life concerns, STAR infrastructure restrictions, and long-term cellular compatibility concerns.
 - ii. Meters shall be cold-water solid state or mechanical water meters in sizes from 5/8” to 10” produced in a manufacturing facility in the Continental United States and whose QMS is ISO 9001 certified.
 - iii. All cold water meters (displacement type - magnetic drive 5/8” - 2”) furnished shall be produced from a manufacturing facility whose QMS is ISO 9001 certified, conform to the “Standard Specifications for Cold Water Meters” C700 latest revision issued by American Water Works Association.
 - iv. Meters shall be made of “lead free” alloy as defined by NSF/ANSI 61 and NSF/ANSI 372. Firm shall provide a copy of a letter from NSF International on NSF letterhead documenting compliance with NSF/ANSI 61 and NSF/ANSI 372.
 - v. 5/8”x3/4” meters must be magnetic-driven, positive displacement meters of the flat nutating disc type. The size, capacity, and meter lengths must be as specified in AWWA Standard C700 (latest revision). The maximum number of disc nutations is not to exceed those specified in AWWA C700 latest revision. In addition, meter maincases and covers shall be certified lead free and contain a minimum of 85% copper (no plastic maincases). Maincases shall be of the removable bottom cap type with the bottom cap secured by four (4) bolts with a frost plug screw-on design. Furthermore, maincases markings shall be cast raised and shall indicate size, model, direction of flow, NSF/ANSI 61 certification, and serial numbers.

- vi. **1” and larger** meters must utilize solid state ultrasonic (no magnetic) sensing features with no moving parts. The size, capacity, and length shall be as specified in AWWA Standard C715 (latest revision). In addition, meter maincases and covers shall be certified lead free and contain a minimum of 85% copper (no plastic maincases or flowtubes). Maincases shall be similarly lead free certified with 300 series non-magnetic corrosive resistant screws and bolts. Furthermore, maincases markings shall be cast raised and shall indicate size, model, direction of flow, NSF/ANSI 61 certification, and serial numbers.
 - vii. Solid state meters shall exceed AWWA C715 accuracy standards. Factory test data shall accompany each meter.
 - viii. Solid state meter electronic enclosures shall be constructed of a durable engineered composite designed to last the life of the meter.
 - ix. Solid state meters must feature fully potted electronics and battery for submersion in flooded meter pits.
 - x. Meter registration must provide at least a 9-digit visual registration at the meter and provide an 8-digit meter reading for remote transmission. Register should also display flow rate interleaved with current meter reading and provide for net reverse flow subtraction.
 - xi. Leak detection must be available both remotely and through a visual detector on the register. Remote detection of reverse flow and zero consumption must also be available.
 - xii. Meters should be maintenance free and any batteries should be field replaceable with a minimum 20 year expected life cycle.
6. Technology Preference – The City’s preference is for solid state meter technology utilizing be ultrasonic-based technology featuring continuous measurements (> 4x per second) to ensure desired accuracy at low-end flows and during typical start/stop conditions. Meters should not require any special modes for testing as meters should be able to pass an accuracy test similar to a mechanical meter.
 7. Software – Software shall be cloud based and allow the City to utilize an iOS or Android device in conjunction with a 50-channel receiver to read meters. The transceiver will connect to the City’s devices via Bluetooth. The City will provide its own devices, phones and tablets. All proposer supplied software must be supplied with a license indicating the software’s designer, owner and licensor, and detailing the terms and conditions, including annual cost of maintenance. Software license and warranty shall cover all patches and upgrades, including new versions, for the life of the system at no additional cost. Indicate how many workstations the software license will cover and the cost, if any, of additional workstation licenses below).
 8. Integrated RF Transmitters – Each unit must be fully integrated. The City will not consider any systems that connect a transmitter via a wire to the meter.
 9. Subcontractors – All subcontractors must be identified, appropriate licensed and in good standing with City of LaBelle.
 10. Warranties – Warranties must cover the entire meter as a unit and be minimum warranted for 10 years from receipt and warrant to published accuracy levels for life each meter.

11. Initial Meter Replacement Population / Pricing:

<u>Pricing</u>			
<u>Quant.</u>	<u>Description</u>	<u>Unit</u>	<u>Total</u>
2600	5/8"X3/4" Mechanical Meter w Transmitter	\$	\$
49	1" Ultrasonic Meter with Transmitter	\$	\$
16	1 1/2" Ultrasonic Meter with integrated Transmitter	\$	\$
	Female Iron Pipe		
33	2" Ultrasonic Meter with Integrated Transmitter	\$	\$
2	3" Ultrasonic Meter with Integrated Transmitter	\$	\$
1	4" Ultrasonic Meter with Integrated Transmitter	\$	\$
1	Mobile Collector	\$	\$
1	Blue tooth Transceiver	\$	\$
1	Set Up Fee (One Time)	\$	\$
1	On Site Training	\$	\$
Annual	Software Subscription	\$	\$

12. Insurance Requirements – Respondents awarded a contract shall be required to provide the following insurance for at least the limits specified:

- i. **Commercial General Liability:** Firms or their contractors shall have and maintain throughout the duration of the Contract Commercial general Liability (CGL) Insurance with limits of at least \$500,000 each occurrence. If such CGL insurance contains a general aggregate limit, it shall apply separately to this project in the amount of \$1,000,000. Products and completed operations aggregate shall be no less than \$1,000,000. CGL insurance shall be written on an occurrence form and shall include bodily injury and property damage liability for premises, operations, independent contractors, products and completed operations, contractual liability, broad form property damage and property damage resulting from explosion, collapse or underground (x, c, u) exposures, personal injury and advertising injury. Fire damage liability shall be included at \$100,000.
- ii. **Business Automobile Liability:** Firms or their contractors shall have and maintain throughout the duration of the Contract Business Automobile Liability Insurance with limits of at least \$1,000,000 each accident for bodily injury and property damage liability arising out of any auto (including owned, hired and non-owned autos).
- iii. **Workers Compensation:** Firms or their contractors shall have and maintain throughout the duration of the Contract Worker's Compensation Insurance in accordance with State law and Employer's Liability coverage with a limit of at least \$500,000 each accident, \$500,000 each employee, \$500,000 policy limit for disease, unless exempt by law.
- iv. **Certificates of Insurance:** The City of LaBelle must be named as an additional insured

on the CGL and Business Automobile Liability insurance policies. Firms and their contractors must provide valid certificates of insurance to the City for all policies. Firms and their contractors will be required to provide the City, as an additional insured, with thirty (30) days' written notice prior to the cancellation, modification or non-renewal of the policies.

13. Term – Meter supply and services including software, hosting, maintenance, repair, and replacement must be available for a minimum of 15 years.
14. Award – Each Firm will be reviewed by the City's selection committee consisting of one team member of the City's operations and maintenance provider Woodard & Curran, the Superintendent of Public Works, and either a representative of the City's engineering consultant Four Waters Engineering or another committee member selected by the Mayor. Interviews.
15. Selection – Selection will be made with one Firm deemed to be fully qualified and best suited among those submitting proposals. Price shall be considered but need not be the sole determining factor. City shall select the Firm, which, in its opinion, has made the best proposal, and shall award the contract to that Firm.