

CITY AND BOROUGH OF WRANGELL, ALASKA

INVITATION TO BID

**AUTOMATED METERING INFRASTRUCTURE
(AMI) SYSTEM**

ADDENDUM TO THE PROJECT DOCUMENTS

Addendum No: 2

Current Bid Date:

March 16, 2023 at 2:00 pm
AK Standard Time

Addendum Date: February 28, 2023

Pages This Addendum: Five (5), including two-page attachment

Previous Addenda: One

To: All Proposers.

The following corrections, changes, additions, deletions, revisions and/or clarifications are hereby made a part of the Documents for the Invitation to Bid for the Automated Metering Infrastructure (AMI) System project. In case of conflicts between this Addendum and previously issued documents, this Addendum shall take precedence. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This addendum _____ does, X does not change the bid opening date.

Item No. 1 Section 00310 – Bid Schedule

Remove and replace the two-page Bid Schedule, Section 00310, in its entirety with the attached Bid Schedule, Addendum No. 2.

Item No. 2 Section 01010 – Summary of Work, 1.2 OVERVIEW, B.

Remove and replace this subsection in its entirety with the following:

1.2 OVERVIEW

B. The site of the work is the community of Wrangell, Alaska. Due to the geographical terrain, there are many dead spots for cellular service between endpoints. The fiber optic network in Wrangell is non-existent from approximately 6-mile Zimovia Highway to 13-mile Zimovia Highway (the terminus of the electrical distribution line on the south end).

Item No. 3 Section 01010 – Summary of Work, 1.5 PROJECT IMPLEMENTATION, A.

Remove and replace this subsection in its entirety with the following:

1.5 PROJECT IMPLEMENTATION

- A. A complete AMI System is to be installed and commissioned, including coverage for the entire Wrangell service area, identified as listed below and subject to change. All meters shall be integrated RF AMI modules with remote disconnect switches:
1. One hundred (100) Form 1S
 2. One thousand eight hundred (1,800) Form 2S
 3. One (1) Form 3S
 4. One (1) Form 4S
 5. One (1) Form 5S
 6. Six (6) Form 6S
 7. Forty (40) Form 9S
 8. Four hundred (400) Form 12S
 9. One hundred eighty (180) Form 16S
 10. One (1) Form 36S
 11. One (1) Form 45S
 12. Twelve (12) Form 2S, Class 320
 13. Twelve (12) Form 12S, Class 320
 14. Twelve (12) Form 16S, Class 320
 15. All required software and integration with Owner's existing Windows-based server hardware, as required to support the AMI software. An optional scope of work will include utilizing a cloud base platform for data hosting.
 16. All required AMI Network Infrastructure, including but not limited to AMI collectors and repeater devices, to support the full system deployment.
 17. All professional services for the commissioning phase, including: project management, system training, start-up and system commissioning, development and implementation of the billing interface with the Owner's CIS, periodic site visits following installation through the Final Acceptance Testing and Approval.

Item No. 4 Section 01010 – Summary of Work, 1.12 PRICING, D.

Remove and replace this subsection in its entirety with the following:

- D. The pricing should include labor, materials, and equipment costs associated with the implementation/construction of the network equipment, Owner hardware integration, software, initial site visits, interfaces, project management, travel, lodging, per diem, training, and commissioning. All services and/or software provided by a third-party must be separately identified in the proposal narrative.

Item No. 5 Section 01010 – Summary of Work, 2.1 VENDOR GENERAL REQUIREMENTS, B. Project Delivery and Installation, Item 4.

Remove and replace this subsection in its entirety with the following:

B. Project Delivery and Installation

- 4. Bidders can rely on the Wrangell Municipal Light & Power Department to make available their linemen employees, their bucket trucks, and their general tools to aid in accessing poles for the installation of devices associated with the collection and propagation of data which is generated by the AMI meters. Bidders shall provide device installation training to the Utility linemen crew when planned use of their services.

This assistance is made available at no cost to Bidders; however, it is the expectation of the Borough that each Bidder's need for this assistance be discussed with the Borough in advance of submitting the proposal, which in turn should identify the need and use of the Utility's services.

If a Bidder plans to make use of the Utility's services, the successful Bidder will be obligated to provide a fourteen calendar day advance schedule that reflects the need from the Utility. The successful Bidder must again reconfirm the schedule within forty-eight hours of each scheduled need.

Bidders are expected to provide network equipment installers or engage a contractor capable of installing data collectors, repeaters, and other network devices for work identified by the Utility as not included in their offered services.

Bidder will be responsible for conducting all required site propagation studies and determining the general locations of network equipment in a manner necessary to meet Owner's specified performance levels.

END OF ADDENDUM NO. 2

**SECTION 00310 - BID SCHEDULE
ADDENDUM NO 2**

Bidders Please Note: Before preparing this Bid Schedule, carefully read the Invitation for Bids, Instructions to Bidders, Summary of Work, and any Technical Specifications available.

The Bidder shall insert a unit price opposite each pay item in the Bid Schedule and multiply the unit price by the estimated quantities for this contract. No price is to be tendered for any item not appearing in the Bid Schedule.

In the event there is more than one pay item in the Bid Schedule and the total indicated for the schedule does not agree with the sum of the prices bid on the individual items, the prices bid on the individual items shall govern and the total for the schedule will be corrected accordingly, and the Bidder shall be bound by the correction.

A Local Bidder Preference of five percent (5%) X will, _____ will not be utilized on this project.

AUTOMATED METERING INFRASTRUCTURE (AMI) SYSTEM – BASE BID

Pay Item	Pay Item Description	Pay Unit	Approximate Quantity	Amount	
				Dollars	Cents
1	Mobilization	Lump Sum	All Req'd		
2	Network Infrastructure	Lump Sum	All Req'd		
3	Electrical Meters, 1S, Class 200	Each	100		
4	Electrical Meters, 2S, Class 200	Each	1,800		
5	Electrical Meters, 3S, Class 200	Each	1		
6	Electrical Meters, 4S, Class 200	Each	1		
7	Electrical Meters, 5S, Class 200	Each	1		
8	Electrical Meters, 6S, Class 200	Each	6		
9	Electrical Meters, 9S, Class 200	Each	40		
10	Electrical Meters, 12S, Class 200	Each	400		
12	Electrical Meters, 16S, Class 200	Each	180		
15	Electrical Meters, 36S, Class 200	Each	1		
16	Electrical Meters, 45S, Class 200	Each	1		
17	Electrical Meters, 2S, Class 320	Each	12		
18	Electrical Meters, 12S, Class 320	Each	12		
19	Electrical Meters, 16S, Class 320	Each	12		
20	Software on Owner Server Hardware	Lump Sum	All Req'd		
21	On-Premise Software - Annual Licenses	Lump Sum	All Req'd		
22	On-Premise Software - System Support and Maintenance	Lump Sum	All Req'd		

**SECTION 00310 - BID SCHEDULE
ADDENDUM NO 2**

TOTAL BASE BID PRICE FOR AUTOMATED METERING INFRASTRUCTURE (AMI) SYSTEM IN FIGURES:

\$ _____

TOTAL BASE BID PRICE FOR AUTOMATED METERING INFRASTRUCTURE (AMI) SYSTEM IN WORDS:

AUTOMATED METERING INFRASTRUCTURE (AMI) SYSTEM – ALTERNATE A

Pay Item No.	Pay Item Description	Pay Unit	Approximate Quantity	Unit Price		Amount	
				Dollars	Cents	Dollars	Cents
16-A	Cloud Based Hosted Data Server	Lump Sum	All Req'd				
17-A	Cloud Based Software – Annual License	Lump Sum	All Req'd				
18-A	Cloud Based Software - System Support and Maintenance	Lump Sum	All Req'd				

TOTAL AUTOMATED METERING INFRASTRUCTURE (AMI) SYSTEM ALTERNATE A AMOUNT IN FIGURES:

\$ _____

TOTAL AUTOMATED METERING INFRASTRUCTURE (AMI) SYSTEM ALTERNATE A AMOUNT IN WORDS:

BIDDER NAME: _____

BIDDER'S TELEPHONE: _____

END OF SECTION