jurupa
COMMUNITY SERVICES DISTRICT
Proudly serving Jurupa Valley and Eastvale

JURUPA COMMUNITY SERVICES DISTRICT

NOTICE INVITING PROPOSALS FOR AUTOMATED METERING INFRASTRUCTURE (AMI) SYSTEM

Addendum No. 4: March 22, 2024

This Addendum No. 4 to subject Notice Inviting Proposals (NIP) provides an answer to a question asked.

All provisions of the attachments to this Addendum No. 4 are hereby incorporated by reference into the subject NIP. Consultants shall account for all provisions pursuant to this Addendum No. 4 in submitting their proposals. Each consultant shall acknowledge receipt of this Addendum in the spaces provided herein.

Questions and Answers

Question 1.1: Current CIS provider and solution?

Answer 1.1: Tyler Technologies - New World Systems

Question 1.2: Current payments provider? Are you happy with them or looking to make a change?

Answer 1.2: InfoSend; we don't currently have a plan to make a change.

Question 2.1: Is the payment of CA Prevailing Wages a requirement of the project?
a. If so, did JCSD secure a Special Prevailing Wage Determination before the RFP was published associated with a Meter Technician?
b. If not, what General Prevailing Wage Determination does JCSD suggest that the Contractors use for Water Meter Exchanges, Retrofits and material handling in the warehouse environment?

Answer 2.1: Yes.
a. No.
b. Refer to the DIR website www.DIR.CA.gov

Question 2.2: Is the district planning to provide space to operate out of or do respondents need to source and include as a part of the bid package?

Answer 2.2: Material storage will be provided.

Question 2.3: Is a California Class A license the only professional registration needed?

Answer 2.3: Yes.

Question 2.4: Bonds are mentioned to be included in the Cost Proposal but there is no mention of bonding throughout the remainder of the RFP. Is bonding required? If so, please provide requirement details.

Answer 2.4: Performance and Payment Bond during contract execution.

Question 2.5: For a project like this, pricing is typically presented in units and schedules are provided in days/weeks while hourly rates may be provided for out of scope work. Would JCSD be open to this instead of hourly project rates for the entire project?

Answer 2.5: We would accept pricing in that format.

Question 2.6: Is the intention of JCSD for the contractor to procure lids and boxes for this project or will the district do this themselves?

Answer 2.6: Contractor will procure lids and boxes.

Question 2.7: JCSD listed 53 'compound' meters in its meter size chart provided. Can more details (size, lay length, manufacturer, connectivity/encoder) be provided for these meters?

a. Can JCSD please provide the make and model of lids throughout the system?

Answer 2.7: Badger would be the manufacturer of these meters. They come in sizes anywhere from 2” to 8”.

a. Concrete. J&R Solid Lids. Green Plastic Lids. Composite. J&R Lid with insert. Quantity 68. Insert only. Metal.

Question 2.8: Can JCSD please share the CIS provider and providers for any other software systems JCSD is seeking integration with?

Answer 2.8: New World Systems and possibly InfoSend.

Question 2.9: Can JCSD please confirm if the page count restriction applies to answers provided for the questionnaire included in the RFP?

Answer 2.9: No.

Question 2.10: Would JCSD please consider an extension to the deadline of two weeks?

Answer 2.10: See addendum.

Question 3.1: Is checking the Jcsd.us website the best way to check for addendums and responses to questions or will there be a bidders list that will receive these notifications?

Answer 3.1: Please check the website.

Question 3.2: Can you give us a breakdown of how many fire hydrant meters are needed in the 2” section?

Answer 3.2: See below.

Question 3.3: Can you give us a breakdown of sizes for the 53ea compound meters? Is the total 53ea part of the quantities above for meter 3” and above?

Answer 3.3: See below.

Question 3.4: Can Jurupa CSD provide what material the meter box lids are currently used?

Answer 3.4: Concrete. J&R Solid Lids. Green Plastic Lids. Composite. J&R Lid with insert. Quantity 68. Insert only. Metal.

Question 3.5: Need clarification. Does that mean that the remaining 25% of the network collector/repeaters are required for redundancy only?

Answer 3.5: Yes.

Question 4.1: In the RFP document, it indicates, “The proposal shall be submitted with a maximum of 20 typewritten pages.” Is this count to include the entire Consultant proposal along with the responses to those questions presented in the Scope of Work?

Answer 4.1: No.

Question 4.2: Considering the limitation of submitted pages, can the Consultant answer questions presented in the Scope of Work in the order as listed, but not repeat that actual question?

Answer 4.2: Yes.

Question 4.3: The RFP indicates the Consultant compensation is based on a "not-to-exceed amount". Can you tell us what is the current funding limit for the project or is there and Engineers Estimate?

Answer 4.3: For both phases, the budget is approximately 19.5 million.

Question 4.4: Does the District expect various components of the Work to be performed at a Per Unit price, or is all payment expected to be made on a "time and expense" basis for each task?

Answer 4.4: Time and expense.

Question 4.5: In the Scope of Work, it indicates the Project will be completed in phases, "with the initial deployment of 18,375 meter ranging from 0.75" to 10". Can you tell us:

a. What is the expected duration to complete this first phase of work, or is that up to the Consultant to determine?

b. What is the expected duration of time from when the first phase is completed until funding has been approved for the second phase or balance of work?

c.Will there be more than two phases of work activity?

d. Is there a specific breakdown of quantities by size for this first phase of work?

e. Is the Vendor to propose pricing for the entire 33,447-meter population, or just the 18,375 meters in the first phase of work?

f. If there is a duration of time between the completion of the first phase of work and subsequent phases of work, will the Consultant be permitted to make price adjustments or propose some form of Remobilization fee?

Answer 4.5: a. Estimated 18 months.
b. No delay expected.
c. No.
d**.**

5/8	3612
3/4	11816
1	2360
1.5	247
2	412
3	70
4	17
6	7
8	11
10	4

e. Phase one.
f. Yes.

Question 4.6: In the Scope of Work, under the Article I., Installation / Project Management Overview, and under item 5., it states, “All Licensed Plumbers shall be bonded.” Typically, there is no State requirement to use licensed plumbers for this work but this is subject to local jurisdiction. Is there an anticipation or requirement for licensed plumbers to be performing this work?

Answer 4.6: No.

Question 5.1: Can the JCSD confirm it will provide adequate warehouse space to store new and old meters, as well as office space for the installation vendor?

Answer 5.1: Warehouse space will be provided; office space will not be available.

Question 5.2: Can the JCSD verify the prevailing wage classification used to perform water meter installations under the project scope of work?

Answer 5.2: Classification will be determined by contractor per DIR.

Question 5.3: Are there desired/ required completion dates for either phase 1, phase 2 or entire project?

Answer 5.3: End of 2027 for the entire project.

Question 5.4: Can JCSD provide quantity, sizes & locations of replacement meters slated for phase 1?

Answer 5.4: Please see files previously posted.

Question 5.5: Can details of compound meters currently in place be provided including sizes, make/model #’s?

Answer 5.5: See below; make & models will be provided post award.

Question 5.6: Can “Hydrant” meter sizes be confirmed at 2” or are there possibly 2.5” meters included?

Answer 5.6: Only 2” hydrant meters.

Question 5.7: Are lids/enclosures a part of the project? If so, what are the different meter box sizes are and quantities?

Answer 5.7: Concrete. J&R Solid Lids. Lids are to be provided by contractor and boxes will be replaced as needed.

#3 - Quantity 14

#3 ½ - Quantity 4

Green Plastic Lids

#3 ½ - Quantity 25

#4 ½ - Quantity 6

Composite. J&R Lid with insert

#5 ½ - Quantity 16

#5 ¼ - Quantity 1

#4 ½ - Quantity 20

Quantity 68 - Insert only

Metal

#4 ½ - Quantity 10

#3 - Quantity 1

Question 5.8: The RFP references “Consultants” throughout the document. Is JCSD accepting proposal responses direct from AMI system providers or are responses limited to utility consultants?

Answer 5.8: Both.

Question 5.9: To ensure a thoughtful and thorough response, we respectfully request a deadline extension of at least two to three weeks.

Answer 5.9: See previous addendums.

Question 6.1: What Billing software company will the exchange file be exported to?

Answer 6.1: New World

Question 6.2: What meter or endpoint is being removed?
a. Is legacy meter material brass of plastic?

Answer 6.2: Badger.
a. Brass

Question 6.3: Will the Utility provide a data file for mapping the proposed services to be performed, prior to bidding?

Answer 6.3: No.

Question 6.4: What are the customer outreach/notification requirements?

a. Pre-install notification postcards?

b. Post-install notification door hangers?

c. Will contractor be required to provide outreach material?

i. Is the outreach material in color?

ii. Is the outreach material two sided?

iii. What language(s) are required for outreach material?

Answer 6.4: a. By JCSD

b. Provided by JCSD for delivery by contractor

c. No. i-iii do not apply.

Question 6.5: Will contractor be required to provide a call center?

a. What are the hours of coverage?

b. What languages are required?

Answer 6.5: No.

Question 6.6: Will the Utility take responsibility for storage of all new materials?

Answer 6.6: Yes.

Question 6.7: Will the Utility provide a project staging area?

Please answer yes or no to the following questions:

a. Is the staging area centrally located to all work order locations? Please provide the address of the proposed location.

b. Will there be power, office space and restrooms accessible?

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

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

e. Will there be room for:

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

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

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

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

Answer 6.7: No. A-E do not apply.

Question 6.8: Will the Utility take responsibility for all disposal of all project waste? Please answer yes or no to the following questions:

a. Salvageable material (meters, metal lids, etc.)?
b. Recyclable material (packaging, cardboard, plastic, etc.)?
c. Spoils (dirt, trash, debris, etc.)?
d. Hazardous waste (legacy endpoints/batteries)?

Answer 6.8: No. a-d do not apply.

Question 6.9: Are the services in contiguous complete routes?

Answer 6.9: Yes.

Question 6.10: Will the Utility assist in locating difficult to locate meters?

Answer 6.10: Yes.

Question 6.11: Will services requiring retrofit only predetermined?

Answer 6.11: Question unclear.

Question 6.12: Number or percentage of meters in the following locations?

a. Indoors
b. Curb and gutter
c. Front yards
d. Backyards
e. Behind locked gates
f. Alleyways
g. Driveways
h. Roadways
i. Rural Areas
j. Confined spaces: Please provide the location and quantities of the confined spaces
k. Hazardous areas, please describe the potentially hazardous conditions, quantities, and locations

Answer 6.12: Unable to provide a response at this time.

Question 6.13: Will any portion of the project require traffic control? Please describe potential traffic control conditions and permit requirements.

Answer 6.13: No.

Question 6.14: How many services are in hardscapes (concrete, asphalt, etc.)?

Answer 6.14: Unable to provide a response.

Question 6.15: What are the soil characteristics (clay, rocky, hard, sandy etc.)?

Answer 6.15: Varies throughout project area.

Question 6.16: It is expected that a small amount of dirt/debris will be removed with typical meter replacement. Is it anticipated that meter boxes will require substantial cleaning (dirt higher than the bottom of the register)? What percentage?

Answer 6.16: Some meter boxes may require more cleaning but we cannot provide an accurate percentage at this time.

Question 6.17: What is the typical depth (in inches) to the top of the meter register?

Answer 6.17: Average 4.5”

Question 6.18: What type of shut off valve is used, angle-stops or curb-stops?

Answer 6.18: Primarily angle stops with a few curb stops.

Question 6.19: Are existing meters on setter, risers, or straight pipe?

Answer 6.19: Straight pipe.

Question 6.20: Are there adapters, if so, do they need to be changed?

Answer 6.20: N/A

Question 6.21: If lids are being replaced, list all sizes of lids that are currently in the system.

a. Are specific lid sizes known for each service location?
b. What is the material of the existing lids?
c. What is the material for the replacement lids?
d. Do lids have pre-drilled holes?
    i. What is the size of the pre-drilled hole?

Answer 6.21: Size #3, #3 ½, #4 ½, and #5 ½. In Jurupa Valley, Eastvale, and Industrial areas.

- 20% are Green Plastic Lids. Size #3, #3 1/2, and #4 1/2. Primarily in Eastvale.
- 15% are Composite Lids. Size #3 1/2, #4 1/2, and #5 1/2. In Jurupa Valley, Eastvale, and Industrial areas.
- 5% are Metal Lids. Size #3, #3 1/2, #4 1/2, and #5 1/2. In Jurupa Valley, Eastvale, and Industrial areas.

a. No.
b. Concrete, Green Plastic Lids, Composite. Metal.
c. Open.
d. Mixed.
    i. 1-7/8”

Question 6.22: If holes will be drilled in existing lids:
a. Amount of seed-stock provided Utility or Vendor?
b. What is the lid material for lids that will be drilled?
c. What size of hole is to be drilled in lid?

Answer 6.22: Most existing are concrete.

Question 6.23: Is it anticipated that meter boxes will have to be removed and reset to access the meter connections?

Answer 6.23: No.

Question 6.24: Is it anticipated that meter boxes will have to be replaced? If so:
a. What is the percentage? unsure
b. What is the determining factor for a replacement? functionality
c. Is the decision for replacement based on a pre-installation audit? no
d. Will the replacement boxes be the same size as the old boxes? yes
e. What sizes of meter boxes are in the system?
    i. Small meters (5/8”-1”)? 3 – 5 ½
    ii. Intermediate meters (1.5” – 2”)? 5 ½
    iii. Large meters (3” and greater)? Vaults
f. What is the quantity of each size? see prior answer above

Answer 6.24: Overall replacement is not anticipated.
a. Unsure.
b. Functionality.
c. No.
d. Yes.
e. Sizes:
    iv. Small meters - 3 – 5 ½
    v. Intermediate meters - 5 ½
    vi. Large meters - Vaults
f. See prior answer above.

Question 6.25: What is the material of the existing meter boxes?

Answer 6.25: Concrete & Plastic.

Question 6.26: Are the existing meter boxes straight-sided or tapered?

Answer 6.26: Mixed but new/replacements have been tapered.

Question 6.27: If a customer side water line breaks during installation due to deteriorating line or infrastructure (old, galvanized pipe), who is responsible for repairs?

Answer 6.27: JCSD

Question 6.28: If a service side water line breaks during installation due to a deteriorating line or infrastructure, who is responsible for service line repairs?

Answer 6.28: JCSD

Question 6.29: What will the process be if a service is too high and the new endpoint radio will not fit under the lid?

Answer 6.29: JCSD

Question 6.30: Provide percentages of piping materials are found on the service side, within the service system.

Answer 6.30:

	Pipeline Material	% of distribution pipe system composed of the materials selected	Average Age (in years)
Plastic (Including Poly Vinyl Chloride and HDPE)	☑	34.0734	15.91
Steel	☑	0.9529	27.50
Cast Iron	☑	0.0028	43.09
Galvanized Iron	☐	0	0.00
Ductile Iron	☑	0.2578	9.73
Cement Concrete	☑	47.8415	27.91
Asbestos Cement	☑	13.9033	44.86
Other (Unknown Material and Age)	☑	2.9684	Unknown
		100.0001	

Question 6.31: Provide percentages of piping materials are found on the customer side, within the service system:

a. Copper: %
b. Galvanized: %
c. Poly: %
d. CTS: %
e. PVC: %

Answer 6.31: Unknown

Question 6.32: Who will be providing ancillary materials such as washers, bolt kits, gaskets, connectors, gel caps etc.?

Answer 6.32: Contractor.

Question 6.33: 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.)?
a. What was the audit outline, and will the results be shared?
b. What entity performed the system audit?

Answer 6.33: No.

Question 6.34: 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 6.34: No.

Question 6.35: Describe the current compound meter being utilized, including manufacturer, model, and size.

Answer 6.35: Current compound meters are anywhere between 2-8". Badger and Sensus Omni C2 Water Meter.

Question 6.36: Will there be a delay between the initial phase and the second phase? If so, what is the anticipated downtime?

Answer 6.36: No anticipated downtime.

Question 7.1: Our GIS team was able to pull the meter locations off your website, attached is an image of what that meter population looks like when our team runs the study. They did say that they were only able to ingest the 18,375 (phase 1) of the project. I also included is an attachment from your previous email that looks like you are hoping to get all of your meter population in the full propagation study. Is that correct? Or is JCSD only wanting to have a propagation study ran for the first phase of the AMI project of the 18,375 meters that were on the website?

Answer 7.1: Phase 1

Question 8.1: The meter counts by size between the scope of work and the map legend (Attachment B and Attachment 2) differ, is there one count that we should use when developing our pricing table?

Answer 8.1: Please use count from scope of work.

Question 9.1: Is the email recipient's email address for the response submission asturge@jcsd.com or asturge@jcsd.us ?

Answer 9.1: asturge@jcsd.us

Question 9.2: Who is the Utility's CIS software company?

Answer 9.2: New World

Question 9.3: Section B. Fee Proposal Requirements states that pricing shall include bonds. What bonds are required by the Utility (ex. Performance Bond, Payment Bond, Bid Bond, etc.)?

Answer 9.3: Performance and payment bond.

Question 9.4: Section B Fee Proposal Requirements states that the proposal's itemized pricing need to account for "API Integrations". Can the Utility provide additional details regarding their expectations for this integration and what software should be integrated with?

Answer 9.4: New World Systems and possibly InfoSend.

Question 9.5: The Utility's Scope of Work document references hydrant meters within their Current Meter Inventory Table. How many fire hydrant meters does the Utility currently have? Also, we wanted to confirm that these are accounted for within the 2" meter quantities and not the 3" meter quantities.

Answer 9.5: 55 2" hydrant meters; no 3"

Question 9.6: The Utility's Scope of Work document references compound meters within their Current Meter Inventory Table. Can the Utility provide a breakdown of meter size for these compound meters. Also, please clarify if any of these are fire service meters.

Answer 9.6: See Attachment 4

Question 9.7: The Utility's Scope of Work document discusses an Initial Deployment Phase which includes deploying 18,375 meters ranging from 0.75" to 10". Can the Utility provide a breakdown of each meter size for this deployment phase?

Answer 9.7: See addendums.

Question 9.8: What is the Utility's expected timeline for the Initial Deployment Phase and Final Phase?

Answer 9.8: Initial deployment will be dependent on grant funding requirements. Exact timeline for final phase TBD.