
CONTRACT DOCUMENTS FOR**Water Meter Replacement Services****Contract no. CAP-2021-1625-01**

This Addendum shall form part of the Contract Document and is to be read, interpreted and coordinated with all other parts. The following revisions, clarifications and instructions supercede the information contained in the original Request for Proposal (RFP) documents including specifications issued for the above- named project. **Respondents are to acknowledge this Addendum in their submission, as well as below.**

Proponent Questions and Clarifications:

1. Can the city confirm if they want the successful vendor to replace the plumbing fittings at all 5/8" meter changeouts to upsize the meter to a 3/4" meter?
2. If so does the city have expected quantities of threaded vs soldered meter connection fittings?
3. Will the city accept 3/4" short meters when upgrading a 5/8" meter to 3/4"? (Same length of meter 7.5" vs 3/4 Long 9")
4. Can the City provide a list of addresses or GPS coordinates in excel format for all of the metered accounts? This information is required for an accurate propagation study.
5. Does the City have a list of assets where network equipment can be installed? Please provide addresses and anticipated heights of the structures if possible.
6. Does the city have a list of quantities of meters that will be replaced versus meters that need to be retrofitted/upgraded? Or should the vendor assume that all the meters will need to be replaced?
7. Does the vendor need to provide annual fees Network Maintenance and Software as a Services for the 20 year life span of the system? Or does the vendor just need to provide these fees for year 1 of the project?
8. In order to ensure that there is an even playing field for all vendors, and to ensure all aspects of the work required is included in each submission, will the City be providing a complete financial bid sheet for each vendor to complete?
9. Can the City clarify that all meters require a full replacement, even those that are newer in age?
10. Can the City provide their reasoning for requiring all 5/8" meters to be upgraded to 3/4" as there is an extra cost both in the meter and the plumbing modifications? Traditionally this has been a common practice at some municipalities that use mechanical meters where there is a higher head loss (water pressure concerns) or the meter technology used is noisier at higher flow rates. Moving to non-mechanical meters addresses these problems without needing the additional costs associated with the larger meter installation.
11. There are 9032 meters listed as 5/8" in size. Can the City confirm how many of these existing meters have straight 5/8" connections versus those with 5/8"x3/4"

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- connections? In order to upgrade these existing meters to ¾", extra plumbing will be required on site to install new fittings (if it is straight 5/8") and make space for the meter.
12. For the 15% of locations requiring a meter with a remote shut-off valve (RSV) to be installed, is it expected for the vendor to include the additional costs required to make the plumbing modifications for that installation? There are no ¾" meters on the market with RSV that would fit in the same lay length as a straight 5/8" mechanical meter.
 13. For the AMI network design, can the City provide a list of addresses or meter locations and a list of city assets that could be used for gateway/data collector/repeater installations? This is required to complete a propagation study based on the reading requirements outlined in the RFP.
 14. The City has asked for two pricing scenarios, a 4-year plan and a 2-year plan. Would the City be open to a project plan that is even further accelerated? If a vendor is capable of finishing the project in under 2 years or within 12 months, would this be acceptable to propose?
 15. Page 13 states: "Preference will be given to the Proponent that is able to provide complete City coverage with a minimum number of data collection points. Strategic deployment of repeaters may be implemented to minimize tower needs." If the vendors proposed system does not require "towers" for their data collection points, rather locations similar to what other systems would require for their repeater locations, would the City evaluate and compare based on the total number of locations required?
 16. Please list the locations and size of all meters above 2 inches.
 17. Are the remote shut offs all residential?
 18. How do we deal with confined spaces?
 19. How do we deal with unsafe installation conditions?
 20. Is there a pricing document or table to complete?
 21. How is this RFP being scored, is there a scoring matrix that can be shared?
 22. How many existing water meters can be retrofit with RF units?
 23. What is the quantity of pit meter environments?
 24. Can the City provide a list of buildings, towers, or other municipal infrastructure that would be available for proponents to mount AMI collection equipment?
 25. Is there existing touchpad wiring to the exterior of properties that could be used for connecting RF transmitters? If there is wiring, please confirm if it is 3-wire.
 26. Does Moose Jaw have access to an existing SaskPower AMI Network?
 27. The purpose of the Surety Bond is to protect the City of Moose Jaw in the event of default by Proponents. Would the City accept a Letter of Credit or alternate holdback methodology that will provide the same protection to the City but at a significantly reduced cost?
 28. How are proponents to send/include the electronically sealed consent of surety (email?)
 29. Will the City require the proponents to follow any COVID-19 protocols for the installations during the deployment? If so, please provide details on what the proponents are required to provide with their submission.
 30. Will the City provide the successful vendor with storage and office space at the City's facility for the duration of the project, or should the vendor need to find local storage and office space in Moose Jaw?
 31. Will the City consider a one-week extension to the RFP closing date?

Responses to Proponent Questions and Clarifications

1. Confirmed, all 5/8” meters and fittings need to be converted to 3/4”
2. No, the city can not confirm that quantity.
3. The proponent should submit pricing based on all replacements being of standard size, if there are locations that can not accommodate the standard size, the city will work with the contractor on replacement options.
4. Proponents will upon request be emailed a spreadsheet which lists all meter locations. Please send requests to bcraig@moosejaw.ca
5. List of assets:
 - Kinsmen Sportsplex – 855 MacDonald Street
 - PlaMor – 855 Lillooet Street W
 - City Hall – 228 Main Street N
 - Cultural Centre – 217 Main St N
 - Library and Art Museum – 461 Langdon Cres
 - Service Centre – 1010 High Street W
 - Natatorium – 220 Fairford Street E
 - Mosaic Place – 110 1st Ave NW
 - Yara – 1220 High Street W
 - Hillcrest Sports Centre – 1599-Main Street N
 - High Service Reservoir – 1400 Grafton Avenue
 - South Hill Reservoir - 1217 Iroquois St. W.
 - Northeast Reservoir - 70 Diefenbaker Dr
 - North Hill Fire Hall – 1205 Main Street N
 - South Hill Fire Hall – 750 Lillooet Street W
6. It is estimated that approximately 975 meters have been replaced in the last 4 years and will only need to be retrofitted. These range in size from 5/8” to 1 ½”.
7. The vendor should supply options for both in their proposal.
8. No, the vendor will be required to provide all pricing information as part of there proposal package
9. AS per #6
10. The city would like to have a consistent meter size.
11. No we don't have an exact number this will be dealt with as a provisional item and proposals should indicate pricing as such.
12. As per #1
13. AS per #4
14. The city will review all proposed options and determine the best value to city.
15. The city would like to see all options from proponents and will evaluate based on best value to the city.
16. As per #4
17. Yes, all remote shut offs will be on residential meters.
18. You will be required to have confined space entry training for any staff which may need to

ADDENDUM #002

Water Meter Replacement

City of Moose Jaw

CAP-2021-1625-01

Date: November 15th, 2021

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- enter a confined space, copies of these certifications should be included in your proposal package.
 - 19. Contractors are expected to have a safety program in place for dealing with unsafe situations, this safety plan should be included in your proposal package.
 - 20. As per #8
 - 21. The city will choose a successful proponent based on best value for the city and proponents will be evaluated based on there submission.
 - 22. As per #6
 - 23. There are approximately 40 meters located in pits or meter chambers.
 - 24. As per #5,
 - 25. The wiring for the transmitters is 4 wire.
 - 26. Not at this time but proponents should include options to connect to an existing network,
 - 27. They city would consider alternatives but these need to be explained in the submission, and preference would be given to bonding requirements as set out in the RFP.
 - 28. Surety consents should be included in the proposal submission.
 - 29. Yes, please see the attached city of moose jaw contractor covid policy.
 - 30. The vendor will be responsible for storage and office space for the duration of the project, the expectation is that the vendors project team is based in Moose Jaw.
 - 31. The closing date will be extended 1 week

NEW CLOSING DATE:
December 16th, 2021, at 2:00p.m. (Saskatchewan/Local Time)

The Respondent has received Addendum No.# 002 (dated November 15th, 2021)

Acknowledged and Accepted By:

Signature of Respondent

Date

Name of Respondent

Name of Company