



DEPARTMENT OF FINANCE

PROCUREMENT SERVICES

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ADDENDUM # 2

For RFQ #4925

TO: All Bidders

FROM: Heather MacLeod, Manager Energy Assets, PEI Energy Corporation

DATE: 14 December 2017

SUBJECT: Questions and Answers

Q1: Please confirm whether a wind profile monitoring system with an operating range of -20°C to +40°C will be acceptable to the PEI Energy Corporation.

A1: We would ask that you submit your proposal for evaluation with the operating range of the equipment offered. As a broad range of site conditions is to be expected, then equipment that best meets that range will be scored appropriately in that category.

Q2: We kindly request an extension of at least two weeks to the proposal due date, so as to have enough time to put together an optimal configuration for the monitoring system and provide a proposal with the best possible value for the PEI Energy Corporation.

A2: Unfortunately, due to anticipated project timelines we cannot grant an extension to the due date.

Q3: Is telemetry for sending the data from the station to a central location required?

a. If so how often will the data be collected from the station?

b. Telemetry options – Can PEI please advise the preference for telemetry?

a) Cellular Modem

b) Direct retrieval by technician on site

c) Satellite

d) Other

A3: The expectation is that cellular upload of data will be suitable for most of the sites but, in some cases, satellite uploads may be necessary. The equipment should have the capability to upload data by various means.

Q4: Can PEI please advise the preferred height above ground at which the wind monitor is to be mounted?

A4: The unit will be ground mounted and will be able to monitor meteorological conditions at multiple heights, nominally from 10 meters to 150-200 meters above ground level, at a number of different elevations.

Q5: Can PEI please advise what is meant by “data recovery rates”?

- a. Does this mean the equipment's capacity to continue to measure during these events?
- b. Does this mean the equipment's capacity to recover and begin measuring again during/following the events?

- A5: Some remote sensing units, during certain inclement weather conditions or in the presence of extremely clean air, provide erroneous readings or completely fail to measure data. We are asking how the performance of the proposed equipment is affected under the different conditions described.
- Q6: Can PEI please advise if there is a preference for mechanical or ultrasonic wind monitors?
- A6: The expectation is that these remote sensors will rely on Sodar or Lidar principles, will have been commercially available in North America for some time and will have a demonstrated track record of performance and data recovery rates, with successful references, in an environment similar to Prince Edward Island.
- Q7: Concerning section C.3.1.1.: "Designation of equipment offered" can you please clarify what this means? Is this asking for compliance to some Canadian standards / official designation or is a general comment about the type of equipment the Lidar is sufficient? For example: would "The <xxx> is a Continuous Wave Doppler Lidar Wind Measurement Device" be a compliant response?
- A7: The description as provided is sufficient but there should also be a clear qualifier that the unit conforms to pertinent Canadian standards.
- Q8: I assume you will not accept a PDF file emailed as an official response? Do we absolutely need to send 3 hardcopies and an electronic copy (USB stick) via <xxx> or could we simply email our response to you next week ahead of the deadline?
- A8: Your assumption is correct. We do require both hardcopies and electronic copy by the RFQ deadline.

END OF ADDENDUM.

Please return this sheet with your formal bid proposal.