



National Research Council Canada
Administrative Services and
Property Management Branch

Conseil national de recherches Canada
Direction des services administratifs et
gestion de l'immobilier

**REQUEST FOR STANDING OFFER
DEMANDE D'OFFRE PERMANENTE**

AMENDMENT 1

**RETURN BIDS TO:
RETOURNER LES
SOUMISSIONS A:**

National Research Council Canada (NRC)
Procurement Services
1200 Montreal Road, Building M-22
Ottawa, Ontario
K1A 0R6
Bid Fax: (613) 991-3297

Title/Sujet Sound Level Monitoring System and Web-based Data Management Service Contract for NRC Montreal Road Campus	
Solicitation No./N. de l'invitation 15-22182	Date March 22 nd 2016
Solicitation Closes/L'invitation prend fin at/à 14 :00 on/le April 11th 2016	Time Zone/Fuseau Horaire EST
Address Enquiries To/Adresser demandes de renseignements à : Contracting Authority - Johnathon Gillis Telephone : (613)993-5506 Email : Johnathon.Gillis@nrc-cnrc.gc.ca	

Instructions: See Herein

Instructions: Voir aux présentes

Proposal To:

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux:

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).



Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No./N. de telephone Facsimile No./N. de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisé à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Sound Level Monitoring System and Web-based Data Management Service Contract for NRC Montreal Road Campus

This Request for proposal is hereby amended as follows:

Under Article 3.0 **Period of Contract**, DELETE sub-article 3.1, 3.2, and 3.3 and REPLACE with the following:

3.0 PERIOD OF CONTRACT

3.1 NRC anticipates that the work will begin on May 30th 2016 to May 29th 2017.

3.3 Each contract year terminates on May 30th of each year.

3.5 NRC anticipates the first year of the contract terminates May 29th 2017.

Under Article 5.0 **Period of Contract**, DELETE sub-article 5.1 and REPLACE with the following:

5.0 PROPOSAL CLOSING DATE AND BID SUBMISSION INSTRUCTIONS

Proposals must be delivered not later than 2:00 PM EST, **April 11th 2016**, to the following **Contracting Authority**:

Johnathon Gillis
Contracting Authority, Procurement Services
National Research Council Canada
1200 Montreal Road, Bldg. M-22
Ottawa, Ontario K1A 0R6
Telephone: (613) 993-5506
Email: Johnathon.Gillis@nrc-cnrc.gc.ca

All other terms and conditions and requirements remain unchanged.

Questions and Answers from Bidders Conference March 10, 2016

1. What is the requirement with respect to the up-time and down-time of the system?

The system must be completely operational 97% of the time over the course of each year (including all sound level meters, weather station, website, and error and exceedance notification system). Downtime must not exceed seven (7) consecutive calendar days. Additional provisions are allotted for planned calibration and maintenance.

NRC recognizes that while operations are being refined during the first three months of operation, additional downtime may be required. The first three months of operation will be excluded from the calculation of the up-time for the first year of the service contract.

2. What are the insurance provisions for the company-owned equipment while it is being used in this contract? Who will pay for any damages?

Equipment design, installation, operation, care and maintenance are the sole responsibility of the contractor.

Please note that the NRC campus is an open campus and the grounds are readily accessible to the public. The following security measures will be implemented:

- 1) NRC security patrols the campus 24 hours a day, 7 days a week.
- 2) As per the RFP, each sound level meter will be protected by a storage box locked with a padlock.

However, NRC is not responsible for physical damage or loss of equipment resulting from vandalism or theft caused by the general public. Additional security measures or insurance provisions are at the discretion of the contractor.

NRC is, however, responsible for the actions of its own employees, contractors, and guest workers. NRC will compensate the contractor for physical damage or loss of equipment resulting from vandalism, theft, and/or negligence by NRC employees, NRC contractors, and/or NRC guest workers.

3. The RFP states that the mobile unit under Option 2 can be relocated. Who does this and how often will relocation be required? Will electricity always be available for the mobile unit?

The default location for the mobile unit will be SLM 5. At their discretion, the contractor can instruct a designated NRC employee on how to properly relocate the mobile unit. If they do not wish to do so, the contractor will be required to relocate the unit on request. The frequency of relocation is estimated to be quarterly, but will depend on operational requirements.

Electricity is available at SLM 5 and NRC will arrange for electricity for other potential locations. However, it is expected that all units will require battery back-up to prevent data loss and respect the 97% up-time requirement.

Questions and Answers from Bidders Conference March 10, 2016

4. Is there electricity available at each location?

NRC will provide electricity at each location. However, as discussed in #3 above, it is expected that all units will require battery back-up to prevent data loss and respect the 97% up-time requirement.

5. What is the required rate for sampling and data collection for the potential measurement of air quality parameters?

Contractors are asked to state the possibility of integrating sampling equipment for real-time air quality monitoring to the system. NRC will rely on the guidance and advice of the contractor as subject matter expert for technical details such as sampling and data rates. Proposed sampling and data rates should align with applicable guidelines and industry standards.

6. Why is a daily calibration check required as per under Task 4 in Appendix A?

The daily calibration is expected to be remote, automatic calibration. It is required for data quality assurance.

7. For SLM 3 and SLM 5, what is the distance from the indoor area available for equipment installation to the microphones on the roof?

SLM 3 is approximately 15m and SLM5 is approximately 110m.

8. For SLM 3 and SLM 5, what is the size of the access to the roof at its smallest point?

SLM 3 is 80 cm by 63 cm and SLM 5 is 60 cm by 48 cm.

9. For SLM 1 and SLM 2, is boom truck access possible?

Yes. NRC will provide snow clearing upon request.

10. Is the contractor required to provide the directional antennas referenced in the RFP in Table 1 of Appendix A?

Yes.

11. What material is acceptable for the posts?

Posts must be metal. Outdoor equipment should have a proven resilience and capability of continuous operation for temperature, wind and precipitation extremes typical of the Ottawa climate.

12. What is the height of the current weather station?

Approximately 9 m.

Questions and Answers from Bidders Conference March 10, 2016

13. What are the occupational safety and health requirements, especially for working at height?

The contractor shall take all necessary steps to protect personnel (workers, visitors, general public, etc.) and property from any harm during the course of the contract.

The contractor shall comply with all federal, provincial and municipal safety codes and regulations and the Occupational Health and Safety Act and the Workplace Safety and Insurance Board. In the event of any conflict between any provisions in legislation or codes, the most stringent provisions shall apply.

14. Can NRC elaborate on its expectations in relation to the training?

Most NRC users will have little, if any, knowledge on the topic environmental noise. Training should provide a basic introduction into the principles of sound and environmental noise, a demonstration of the website features, and an explanation of the data that is being monitored and recorded.

The contractor will provide training on two separate dates. This will offer NRC users choice and flexibility in attending the training. Dates will be scheduled a minimum of 2 weeks in advance, at mutually convenient times. The duration of the training should be at least a half day.

15. At the Bidders' Conference, the NRC had indicated that backup battery power was desirable. Does the NRC reasonably expect that the sound level monitoring system will be subjected to power interruptions greater than 4 to 5 hours per interruption?

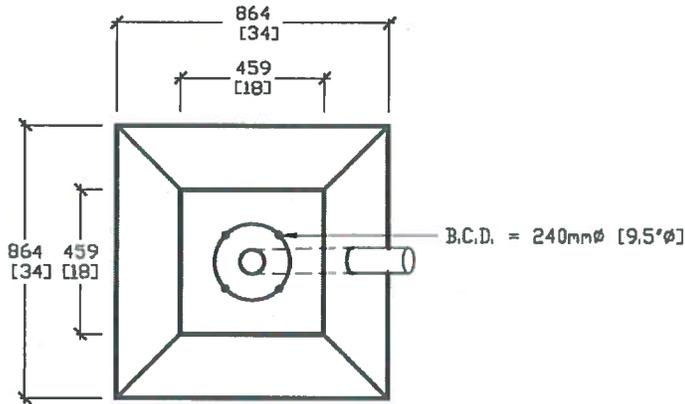
Possible, but abnormal conditions only such as campus wide electrical shutdown. If NRC power is interrupted for over 5 hours then downtime is acceptable.

16. Will the NRC provide a network connection in the form of a wire for the antenna to be installed on Building M19's rooftop?

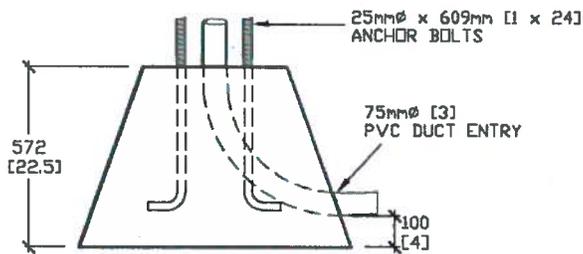
Yes

17. Can NRC provide the specifications for the concrete bases "USI Drawing for 'E-50 Temporary Pole Base'"?

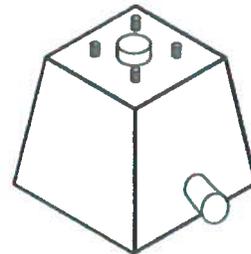
See below. Note that concrete bases have already been installed at SLM 1 and SLM 2.



PLAN VIEW



SIDE ELEVATION



ISOMETRIC VIEW

ALL DIMENSIONS DEFAULT TO MILLIMETERS

mm
[in.]



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www.utilitystructures.com

NOTES:

AS PER CITY OF OTTAWA T-33
SUITABLE FOR TEMP. TRAFFIC LIGHTS

*CSA 23.4-05
35MPa (5000psi) AT 28 DAYS
6-8% AIR ENTRAINED

REV.#	MM/DD/YYYY	PREP.
1	JULY/28/2008	LRW
2	FEB/27/2009	LRW

E-50

TEMPORARY POLE BASE

WEIGHT = 580kg/1275lbs

864mm x 864mm [O.D.]

18. Can NRC provide photos of each location?

See below.



Questions and Answers from Bidders Conference March 10, 2016

SLM 1:

West facing east



South facing north



North facing south



East facing west

Questions and Answers from Bidders Conference March 10, 2016

SLM 2:

West facing east



North facing south



East facing west

South facing north

Questions and Answers from Bidders Conference March 10, 2016

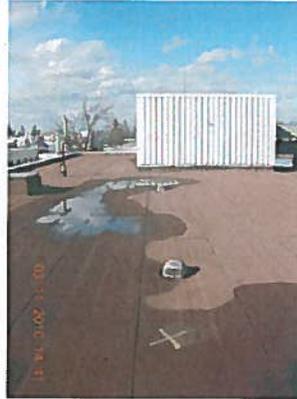
SLM 3:



East facing west



North facing south



South facing north



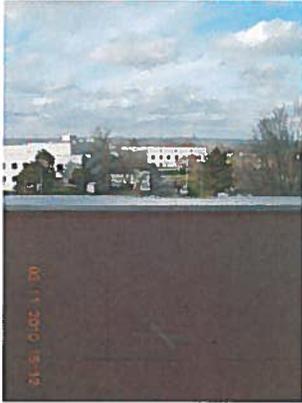
West facing east



Interior south wall of penthouse
(proposed placement of SLM)

Questions and Answers from Bidders Conference March 10, 2016

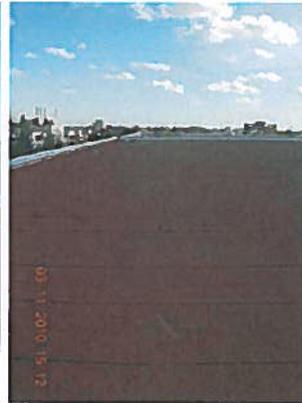
SLM 5:



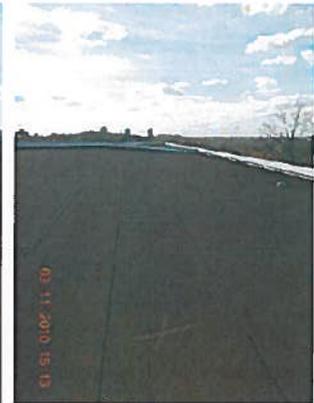
South facing north



West facing east



North facing south



East facing west



Column in interior of M32
(proposed placement for SLM)