



**Royal Canadian Mounted Police
Gendarmerie royale du Canada**

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS A:
Bid Receiving/Réception des
soumissions**

RCMP / GRC
NWR Procurement & Contracting Services
c/o Commissionaires, D Division
1091 Portage Avenue
Winnipeg, MB R3C 3K2

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

Proposal to: Royal Canadian Mounted Police

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: Gendarmerie royale du Canada

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).

Comments – Commentaries

**Vendor/Firm Name and Address
Raison sociale et adresse du fournisseur/de
l'entrepreneur**

Telephone No. - no de téléphone:

Title-Sujet: Radon Mitigation various locations in Manitoba	
Solicitation No. - No. de l'invitation M5000-6-0105/B	Date 25 September 2015
Amendement No. – No modif : 002	
Solicitation Closes -L'invitation prend fin at - à 2:00 PM Central Daylight Savings Time on - le 08 October 2015	
F.O.B. - F.A.B. Plant - Usine: Destination:√ Other-Autre:	
Address Enquiries to: - Adresser toutes questions à: Cathi Johannson, Senior Procurement Officer cathi.johannson@rcmp-grc.gc.ca	
Telephone No. - No de téléphone 204-984-1836	Fax No. - N° de FAX: 204-984-4253
Destination of Goods, Services, and Construction: Destinations des biens, services et construction: Various RCMP identified locations throughout Manitoba	
This document DOES contain a Personnel Security Requirement	
Delivery Required - Livraison exigée: 31 March 2016	Delivery Offered - Livraison proposée
Name and title of person authorized to sign on behalf of Vendor/Firm Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur	
_____ Name /Nom Title/Titre	
_____ Signature /Signature Date/Jour	
(Please sign and return cover page with bid proposal./ Signez s'il vous plaît et la page de couverture de retour avec la proposition d'offre.)	



Amendment 002 is raised to amend the Solicitation closing date and respond to the following questions as submitted to the Contracting Authority:

RE: Solicitation Closes:

Delete: 29 September 2015

Insert: 08 October 2015

Question 1:

RE: Amendment #001 - **Question 7:** The documents indicate that the RCMP will work with Health Canada for re-testing.....but under the crawspace scope it mentions a 7 day test, a 1 month electronic test, and a 3 month alpha track test?

Response: RCMP will be initiating a long-term testing program, including quality control, based on Health Canada guidelines. The successful Contractor will be required to substantiate the mitigation work with short term testing

The "scope" section in the tender documents only indicates post mitigation testing under "background" paragraph 12 (with the RCMP performing the work) and then again under "facilities with exposed soil crawlspaces" paragraphs 8-11 (but does not clarify what test is required and who is responsible to deploy and retrieve).

Response:

The Contractor must substantiate post-mitigation with an acceptable short-term measuring device. Acceptable methods include Continuous Radon Monitors (with before and after samples), post mitigation Charcoal Liquid Scintillation Devices, Charcoal Absorption Devices, or Electric Ion Chambers. Written instructions are to be left by the Contractor on where occupants are to forward testing if required, and should be validated by an independent lab. The Contractor is responsible for all follow-up relating to the labs receiving the samples in a timely manner. All buildings must have post-mitigation performed with a copy of results forwarded to RCMP Asset Management.

Question 2:

Also there is no mention of post mitigation testing mentioned under "facilities with foundations....."

Response:

All buildings must have post-mitigation performed.

Question 3:

The way the documents currently read, post mitigation would be required on the exposed crawl space areas only and is not clear on procedure. They also indicate that the 3 year guarantee only applies to the units with exposed crawl spaces?



Response:

The three year guarantee applies to all buildings included in this tender, with the exception of RCMP conducting any major structural, HVAC, or other renovation project(s) at that location during the three year period.

Question 4:

Post mitigation testing should be completed by the RCMP and Health Canada (as indicated). Complete third party post testing and lab results are the only way to ensure the elimination of any possible conflict of interest. A short term test may not be reliable and is not recommended by Health Canada. The three year guarantee and usage of certified installers should be adequate.

If a short term test is required, please indicate the type of acceptable post testing device(s) For example a CLS-100 liquid scintillation device is simple to use, but should only be deployed for a maximum of 4 days and must be shipped back to the lab right away with the postage paid pre-addressed envelopes . If short term post testing is required can the units be shipped back to the lab from RCMP personnel? Otherwise excessive additional costs would be involved to for travel back to all areas, and logistically may not be even possible.

Response:

Yes, RCMP can facilitate the return of testing devices via pre-paid envelopes. Acceptable devices are listed herein.

Question 5:

In regards to the Carbon monoxide detectors, it would be strongly advised to include the installation of a "plug-in" unit (with battery backup) in all buildings. Carbon monoxide detectors are mandatory in many municipalities and provinces and are inexpensive to purchase install. Although post mitigation back draft testing is performed, various climatic and mechanical conditions can still allow for the possibility of future back drafting.

Response:

The Contractor is to provide plug in CO detectors based on presence of natural gas fired appliances including, but not limited to, furnaces and hot water tanks where radon mitigation is taking place. RCMP will establish a cash allowance and will reimburse the Contractor at cost plus 10% markup.

Questions 6:

Insurance - is the vendor required to have Commercial General and Pollution Liability Insurance in place at the time of bidding or prior to work commencing?

Response:

Page 11 of 72, Clause SC03 – Insurance Terms, 2) Period of Insurance and 3) Proof of Insurance address this question.



Question 7:

\$5M liability insurance is noted; is \$2m sufficient?

Response:

The values specified in the Certificate of Insurance instructions (page 23 of 72) are required.

Question 8:

How long until the bid bond is returned, in the event that a vendor is not the successful bidder?

Response:

The bid bond return procedure begins within a couple of days of Contract award. They are returned via certified mail.

Question 9:

Can information be provided on the size and approx. height of crawl space? (i.e. stand, kneel, crawl)

Response:

Locations that are "kneel" are: Carberry, Crystal City, Lac du Bonnet, Morden and Steinbach. Minnedosa and Nelson House have "crawl" spaces.

Question 10:

Are there other sump pumps known to exist in crawl spaces? (i.e. Steinbach has one)

Response:

Sump pumps are known to be in Crystal City and Steinbach. There are none in: Lac du Bonnet, Carberry and Nelson House. Pukatawagan and Minnedosa are unknown.

Question 11:

Is there a preference for the location of fans and venting?

Response:

Fans should be co-located in/near mechanical spaces where possible. Vents should be directed to low/no foot traffic areas and away from gathering areas outside the building, where air flow will not be impeded by snow drifts or other debris, or create hazards such as ice build up on walk ways, etc. Additional roof penetrations should be avoided if possible. As a reminder, any service penetrations through fire separations must be sealed with appropriate fire stopping.



Question 12:

Can additional information be provided regarding the safety of Northern Communities or are there any northern communities where safety is of particular concern?

Response:

No. RCMP will work with the vendor to mitigate concerns where possible, but the RCMP can make no commitment, or take any responsibility for the care and control of materials, tools, or supplies required by the vendor, nor the safety and security of the Contractor's personnel.

Question 13:

If rigid insulation is present, does the vendor cut away the insulation to create a seal, and then does the client wish the cut away insulation to be replaced over top of the membrane? (approx. 8")

Response:

The mitigator shall take appropriate steps to create an adequate seal for the membrane, if that is part of the mitigation strategy. Client prefers insulation replaced over top of the membrane.

Question 14:

What options are available to the mitigator for mitigations? Is crawlspace pressure management an option?

Response:

For the sake of this tender, we will stick to sub slab, and sub membrane depressurization.

Question 15:

The 20% (rather than 10% as used in Sask) bid security requirement is too high I think for a small

Response:

Bid Security is 10% as referenced in Clause BA07 (page 19 of 72), Clause GI08 – Bid Security Requirements of R2710T – General Instructions to Bidders (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2710T/16#bid-security-requirements>). Contract Security is 20% as detailed in Contract Security (page 2 of 72),

Question 16:

Section 3.4 Facilities with exposed soil crawlspaces requires

8. Complete & provide final radon test (7 day test) to confirm levels are below 200 Bq/M3
9. Guarantee that long term radon concentration are below 200 Bq/M3 for 3 years after the date of completion.
10. One-month Electronic Data logger test
11. 3-month Alpha track detector to be completed and results confirmed by an independent lab



Are the above requirements only for the 9 locations with exposed soil crawlspaces? Do the basement-only locations require performance guarantees, long & short terms testing, and data loggers?

Response:

See previous reply. Short term testing is required in all locations to substantiate post mitigation. Acceptable devices and methods are also listed herein.

Question 17:

Health Canada recommends short-term testing (7 days) only in rare circumstances, as the results are not sufficient for decision-making. What is the preferred method of short-term testing (7 day) upon completion of these mitigation systems? How will the short term test kits be delivered to the lab? Will the RCMP provide test kit delivery, or should the radon professional plan to return to each site to retrieve the short-terms tests after 7 days?

Response:

Acceptable methods of short term testing have been previously listed. RCMP will make all reasonable efforts to forward short term testing kits (but at no additional cost to the RCMP) from their location for testing so that vendor does not have to return to a community.

Question 18:

The 2014-15 Saskatchewan RCMP mitigation project recognized that a guaranteed reduction target (<200 Bq/M3) is not feasible or enforceable due to the circumstances of each unique location, the prescribed scope of work, occupancy conditions, testing procedures, etc. The performance guarantee in Saskatchewan was limited to a guarantee of equipment and labour based on the guidelines established in "Reducing Radon Levels in Existing Homes: a Canadian Guide for Professional Contractors". How will the stated 3-year guarantee of radon levels below 300 Bq/M3 be evaluated and enforced? Can we suggest that this requirement be reviewed and possibly be removed by the RCMP selection group prior to awarding the contract?

Response:

RCMP - D Division aim to reduce all levels to below 200 Bq/m3 in all buildings. RCMP will evaluate the levels through periodic internal Radon testing. If conventional methods of abatement prove ineffective and all efforts by the Contractor (within reason) are exhausted, an exception may be granted in a particularly challenging building, provided work has been completed, and a report outlining efforts and methods of action is provided to the Client. Guarantee will be waived in the event RCMP does any renovations, HVAC upgrades, or other significant renovations that may impact existing radon mitigation systems.

Question 19:

What is the preferred type of Data Logger equipment to be used? Will the RCMP ensure safe return of this equipment, or should the radon professionals plan to return to each site to retrieve the equipment after 30 days?



Response:

If CRMs are used (Contractor's discretion), the onus is on the Contractor for the care and control of the device. RCMP cannot assume responsibility for the equipment.

Question 20:

Is the contractor responsible for the long-term testing (3-month Alpha track), or will the RCMP engage in this testing independently?

Response:

RCMP will conduct long term testing. Only short term testing is required to substantiate mitigation.

Question 21:

Will the entire project contract be issued to one contractor? Some of our costs are spread across several installations. As a result, we need to ensure that contractors will not be required to provide mitigation services to individual locations based on the Unit Price provided, if the contractor is not granted the full contract (Total Extended Amount)?

Response:

Award will be to the lowest Aggregate price. The pricing breakdown is required for internal funding tracking.