



REQUEST FOR INFORMATION (RFI)

FOR

Supply and Installation of a Detonation Chamber

THIS IS NOT A BID SOLICITATION

Intent

In accordance with the rules, regulations, statutes and guidelines of the Provinces and Territories across Canada and their professional associations, Defence Construction Canada (DCC) is requesting firms that are capable of supplying and installing a Detonation Chamber to submit applicable responses to this Request for Information.

Services

The Department of National Defence (DND) intends to proceed with the repetitive detonation of Unexploded Explosive Ordnances (UXO) possibly using Detonation Chambers as the following:

- Those UXOs are conventional high explosive munitions up to a caliber of 155 mm.
- The detonation would be performed on a multi-year basis, for the detonation of an estimated number of more than 10,000 projectiles, approximately 40 % being 155 mm in caliber.

Purpose of Request for Information

Through this Request for Information DCC is looking to obtain industry feedback on Detonation Chambers that may provide DCC and DND with viable options to meet its requirements and assist in determining procurement approaches.

This is not a bid solicitation. This RFI will not result in the award of any contract or be considered as a pre-qualification of a company to bid on future procurements related to the service being investigated through this RFI. Therefore, potential suppliers of any goods or services described in this RFI should not reserve stock or facilities, nor allocate resources, as a result of any information contained in this RFI.

Whether or not any potential supplier responds to this RFI will not impact that supplier from participating in any future procurement(s).

Request for Information Submissions

In the attached forms firms are requested to provide their comments, concerns and where applicable, alternative recommendations regarding how the requirements or objectives described in this RFI could be satisfied.

Responses to this Request for Information may be submitted by the use of mail, e-mail or fax to following DCC representative:

Martine Côté
Contracting Officer
Defence Construction Canada
Quebec Regional Office
2030 boulevard Pie-IX, bureau 224
Montreal, (QC) H1V 2C8
Fax No.: (514) 283-8347

RESPONSES ARE REQUESTED BY JANUARY 18, 2016



RESPONSE FORM

QUESTIONS

1. Has your Detonation Chamber been approved by the US Department of Defense Explosives Safety Board (DDESB) or other international approval agency?

DDESB Other: _____

2. Please indicate details from the following technical aspects:

Proposed technology	Heat <input type="checkbox"/>	Countercharging explosive <input type="checkbox"/>	Other <input type="checkbox"/> : _____
Production Rate (Number of projectile that can be detonated per day)	Number per day : _____		
Facilities needed	Power <input type="checkbox"/> : _____	Water <input type="checkbox"/> : _____	Other : <input type="checkbox"/> : _____

3. What would be the dimensions of the Detonation Chamber and operation area? And what is the size range of available Detonation Chambers?

4. Is the chamber built on site, modular or a combination of modular and on site assembly?
 (Transportation, requirements to build on site...)



5. Describe maintenance and frequency required (liners, dust, frags, etc.).

6. What are the vibration and noise levels expected at various distances from the chamber?

7. What are the atmospheric emissions?

8. What is the personnel required for installation, operation and maintenance?

9. Provide any information regarding the experience in the design, construction, installation and operation of the proposed Detonation Chamber.

10. What is the typical delivery time? Is your Detonation Chamber readily available?
