

## Amendment 002

**The purpose of this amendment is to respond to potential bidders' questions.**

*Question 11:*

May I request a Proposal Alignment Review meeting?

*Response 11:*

As part of the DRDC Innovation Call for Proposals 2017 engagement process, there was an opportunity during the Request for Information phase for Bidders to request a proposal alignment meeting; however, this period has now passed. For further information on the engagement process, including a Summary of Feedback document summarizing the results of the engagement process, please refer to:

<https://buyandsell.gc.ca/procurement-data/tender-notice/PW-17-00792986>

At this stage, it is at the Bidder's discretion to determine the Primary S&T Challenge applicable to their proposed project. Please refer to the following sections of the Call for Proposals document for further information:

Section 3.4 Technical Proposal, 3.4.1

Section 4.2 Evaluation Criteria

Annex B – S&T Challenges

Annex C – Evaluation Criteria, Mandatory Criteria MC-1

*Question 12:*

Are universities eligible applicants for this opportunity (as "public sector organizations")?

*Response 12:*

Universities are considered public sector organizations and eligible to submit a proposal in response to the DRDC Innovation Call for Proposals 2017; however, they are not eligible to be a lead government department. Please refer to Section 3.1, Who May Apply, 3.1.2 for more information.

*Question 13:*

If the answer to Question 12 is yes, then can universities submit multiple applications to is CFP?

*Response 13:*

Yes, Bidders may submit multiple applications to the DRDC Innovation Call for Proposals 2017. Refer to section 3.1 Who May Apply.

*Question 14:*

If the answer to Question 13 is yes, are there any restrictions on multiple applications (e.g., can we submit multiple applications for distinct projects to Stream A / B? Are faculty limited in their ability to participate in research teams on multiple application?)

*Response 14:*

There are no restrictions in submitting multiple applications for S&T Challenges in Stream A and/or B. It is at the discretion of the Bidder to manage their human resources.

*Question 15:*

Regarding submission of multiple applications for distinct projects, is it possible to submit the electronic copies through one single institutional registration account, or would the team leaders on each application have to submit using individual accounts?

*Response 15:*

One registration account can have multiple submissions. Each proposal submission requires a separate DRDC proposal number which is automatically assigned when creating a new submission.

*Question 16:*

[With regards to the online tool] in the previous years, I've been able to see the checklist, all the required ANNEXES, and each portion of the submission requiring content.

Will this "appear" as soon as I complete the bidder information and get assigned a proposal reference number?

*Response 16:*

The bidder must create an account in the online tool. Once the bidder information is completed, there is a button entitled "Create New submission". The next screen will show all Annexes that must be completed for the submission. There is also a section to submit supplementary information (optional) and a proposal checklist (optional) to assist the Bidder in reviewing the completion of their proposal.

*Question 17:*

Is a Quad Chart and Gantt Chart required this call? I do not see them referenced in the CFP.

*Response 17:*

A Quad Chart and/or Gantt Chart are not requirements of the DRDC Innovation Call for Proposals 2017.

*Question 18:*

Do you have a template version of the submission form that you can share?

*Response 18:*

A Word template of the submission form is only available for proposals identified as Classified (see section 3.3 of the CFP). On the Submissions Home Page, under the list of "Your Submissions", the Bidder can select "edit" and download a copy of the proposal in a PDF format.

*Question 19:*

S&T Challenge #11 states the following:

Data science solutions for the definition and development of on-site/en-route decision aides, leveraging real-time Internet of Things (IoT), artificial intelligence, and machine learning, to detect, characterize, interpret and fuse information from multiple sensors, sources and data sets, and provide appropriate decision support, to improve operator decision-making and effectiveness.

Could one slightly modify this to say:

Data science solutions for the definition and development of on-site/en-route decision aides, leveraging technologies **such as** real-time Internet of Things (IoT), artificial intelligence, and machine learning, to detect, characterize, interpret and fuse information from multiple sensors, sources and data sets, and provide appropriate decision support, to improve operator decision-making and effectiveness.

In the current form it is not clear whether solutions to this S&T challenge have to include and are specifically limited to these three technical components. One could also make a looser interpretation but a clarification to avoid possible disqualification is appreciated.

*Response 19:*

The essence of the challenge is to incorporate IoT, artificial intelligence, and machine learning into the provision of decision capabilities for first responders. Other technologies may certainly be incorporated; however, a proposal must show development or incorporation of the listed technological areas.

*Question 20:*

For S&T Challenge 21: Would sensor fusion of Autonomous Underwater Vehicles' navigation systems fit under this challenge's scope?"

*Response 20:*

Please refer to Challenge 21, which states:

"Note: the following are excluded from the scope of the S&T challenge above (#21):

- **Data fusion**, integration and higher level manipulation including displays and Command and Control..."

*Question 21:*

In reading the documentation it looks like "Lead Department - Director General" support is required. Is this DG signature something acquired through the bid approval process, or is this support something I should acquire before submission?

*Response 21:*

Please refer to Section 3.1 – Who May Apply, sub-section 3.1.2. Proposals must include submission of a complete Partnership Signature Form as set out in Annex G.

*Question 22:*

We want to partner with "City of Calgary" and our question is whether "City of Calgary" can be considered as "a Lead Canadian Government Department prepared to be the project champion".

*Response 22:*

The City of Calgary may be a lead government department, provided that it complies with Section 3.1 Who May Apply, sub-section 3.1.2.

*Question 23:*

I have a little question for you regarding the eligibility for a project that some colleagues and I have. We are working on developing organic contaminant biotreatment approaches (these could involve explosives, solvents, oil spills, etc.). This work includes the elimination of contaminants in water and soil, the identification of transformation products generated by these treatments, and the assessment of the toxicity of the products generated by these processes.

We would like to find out whether such projects could qualify under any of the components in this call for proposals.

*Response 23:*

Under Stream B, S&T challenge number 18 is aimed at new remote sensing solutions using Unmanned Aerial Vehicles. The biotreatment of organic contaminants is not included in this S&T challenge.

*Question 24:*

What Makes up Annex's A, B and C as it is not clear in the DRDC Call for Proposals.

*Response 24:*

There are no attachments associated with Annexes A, B and C. Annex A outlines the various Project Types and Parameters, Annex B details the S&T Challenges, and Annex C is the Evaluation Criteria (also available in the online tool).

*Question 25:*

I have registered on Fluid Review site, but I am not sure which forms we need to complete to submit a response for Stream "B" challenge 22. All of the following I suspect?

Annex E - Detailed Budget Table Excel 2017, Annex F - Project Manager and Key Project Team Members' Experience 2017, Annex G - Partnership Form 2017, Annex\_D\_Work Plan - Excel 2017

*Response 25:*

Annex G is not required for Stream B proposal submissions. All other Annexes must be completed for both streams.

*Question 26:*

The question is since we missed the window of opportunity for specific alignment. Thus, we chose problematic numbered 5 but, 6,7c,9 and 11-19 can apply in our works since Vimy Software is being design with multi-intelligence functionality on the top of having a clinical use for researchers and practitioners. We have also two technologies almost mature (respiratory assisting devices for the gas mask). Thus, while adapting ourselves a little with problematic numbered 5, how can we say that we can do more?

*Response 26:*

As stated in Annex C, MC-1, Bidders must identify one primary S&T Challenge and must demonstrate that the proposal meets the primary challenge. Bidders may identify a secondary S&T Challenge; however, if the proposal does not meet the primary S&T Challenge, the proposal will not be considered under the secondary S&T Challenge. If the proposal meets the primary S&T Challenge and is placed in the Pool of Pre-Qualified Proposals, the identification of the secondary S&T Challenge may be considered at the proposal selection stage.

*Question 27:*

While writing the proposal, I wonder if we can add documents. In my case I would like to put my research program plan and a summary as complementary information of the application form sections.

I notice also, especially in the debate section for scientific value, that quoting references is not possible other than spelling out totally which counter-act to the word counts at the end and limits us to present our work.

*Response 27:*

Documents can be uploaded as supplementary information (3 pages maximum) as indicated in the proposal submission task in the online tool. The Scientific and/or Technical Merit category has a 1000 word count limit, which will remain unchanged, for each of the following four questions: Feasibility and Approach, Scientific and/or Technical Merit, Novelty and Innovation, and Impact.

*Question 28:*

Some of the problematic stated first-responders like paramedics. However, as stated in our proposal and research program, we focused on nurses, physician and paramedics while considering fire-fighters, police and military for associated activities like the control of the contamination zone. The main gaps in the clinical practice in the CBRNE environment are gray literature and un-published papers in medical community which results in questioning scientific values of what has been written in gray literature (like the use oxygen in 100% with chemical exposed casualties which make no-sense). As the clinician like physician and nurses are very important, what about them? They do not operate only in clean-zone and the champion in saving life in CBRNE situation are not paramedics.

*Response 28:*

Please refer to Response 11.

*Question 29:*

Is it possible to either mention somewhere in the form that our proposal can cover more than one problem or do more than one selection from the 1-21 choices available?

*Response 29:*

Please refer to *Response 26*.

*Question 30:*

Our research project program involves two phases: studies and technologies development. May I go with the main selection (eg.: Studies vice R&D) and specifying somewhere that we have developing technologies?

*Response 30:*

It is at the Bidder's discretion to determine and identify which Project Type is applicable to their proposal. Please refer to Annex A for more information on the Project Types and Parameters, and specifically to the information on Staged Projects.

*Question 31:*

As an employee of the Government of Canada, how would we get a Supplier Registration Number? I don't think we have a business number. Is there another submission process if the bidder is the lead organisation?

*Response 31:*

A Supplier Registration Number is not required if the Bidder is a Government of Canada department. For other Bidders, please refer to: <https://buyandsell.gc.ca/for-businesses/selling-to-the-government-of-canada/register-as-a-supplier>

*Question 32:*

I am writing to seek clarification on Canadian Content requirements for the DRDC CFP. Para 1.5 states that procurement is "conditionally limited to Canadian goods and Canadian services."

I am putting together a proposal that will involve the use of American-made hardware to address Stream A Problems 11, 12, and 14. Would the use of American-made elements preclude our bid under Para 1.5?

*Response 32:*

Please refer to Part 5 – Certifications and Additional Information, section 5.1.2.1 Canadian Content Certification for the requirements for Canadian Content and additional information on how to determine the Canadian content.

*Question 33 :*

As an NPO, we would like to find out what basis for calculation we should use so that workforce costs are considered as eligible under the 2017 DRDC Innovation Call for Proposals program.

Here are the three proposed bases of calculation:

- 1) Salaries + 16% of benefits + 100% of overhead
- 2) Salaries + 16% of benefits
- 3) Salaries + 174% of overhead (based on the contract research rating grid approved by Public Services and Procurement Canada)

If none of these bases of calculation is applicable, please advise the rule with which we should comply.

*Response 33:*

Please refer to Section 3.5 Financial Proposal, sub-section 3.5.2 for further information.

*Question 34:*

I noted that we cannot provide the CV. In our case, it will be much easier as all the information demonstrating our experience and capabilities are there. Could we put the essential and something like if supplementary info requested, contact the applicants for getting the CV?

*Response 34:*

The Project Manager and Key Project Team Members must demonstrate their related project experience by completing Annex F. CV's are not permitted to be included as part of the proposal submission.

Examples of supplementary information (3 pages maximum) that may be uploaded include: schematics, operational support letters, list of board of directors.

*Question 35:*

In order to meet with the requirement for a minimum of 50% of the total bid price consisting of Canadian goods and Canadian services, we request an extension of the Proposal Submission date from 11 Dec to 22 Jan 18.

Solicitation No. - N° de l'invitation  
W7714-17DRDC/B  
Client Ref. No. - N° de réf. du client  
W7714-17DRDC

Amd. No. - N° de la modif.  
002  
File No. - N° du dossier  
062sv.W7714-17DRDC

Buyer ID - Id de l'acheteur  
062sv  
CCC No./N° CCC - FMS No./N° VME

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*Response 35:*

The DRDC Innovation Call for Proposals 2017 closing date remains unchanged.

*Question 36:*

Is the contract entered into between the bidder and DRDC directly or between the bidder and the department or agency who is their project partner?

*Response 36:*

PSPC enters into a contractual agreement with the lead Bidder, on behalf of DRDC or another federal government department.

**All other terms and conditions remain unchanged.**