SOLICITATION AMENDMENT / MODIFICATION DE L'INVITATION

RETURN BIDS TO / RETOURNER LES SOUMISSIONS À:

Director Services Contracting 4 (D Svcs C 4)
Attention: Rogelio Orsetti, Procurement Officer
By e-mail to:
DSvcsC4Contracting-DCSvcs4Contrats@forces.gc.ca

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes

Comments – Commenataires

THIS DOCUMENT DOES NOT CONTAIN A SECURITY REQUIREMENT

CE DOCUMENT NE CONTIENT AUCUNE EXIGENCE EN MATIÈRE DE SÉCURITÉ

Solicitation Closes / L'invitation prend fin:
At / à : 02:00 PM EDT
On / le : 27-OCT-2022

Title / Titre
High Performance Software Defined Radio Equipment

Solicitation No. / N° de l'invitation W6369-22-X036	**Amendment No. / N° de la modification** 01

Date of Amendment / Date de la modification
26-OCT-2022

Address Enquiries to / Adresser toutes questions à:
Rogelio Orsetti by email to:
Rogelio.Orsettipetrocelli@forces.gc.ca

Telephone No. / N° de téléphone 613-715-0853	**FAX No. / N° de fax**

Destination

Defence Research and Development Canada – Ottawa Research Centre
Building 29
3701 Carling Avenue
Ottawa, ON

Instructions: Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions : Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery Required / Livraison exigée	**Delivery Offered / Livraison proposée**

Vendor Name and Address / Raison sociale et adresse du fournisseur

Name and title of person authorized to sign on behalf of vendor (type or print) /
Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)

Name – Nom _____ Title – Titre _____

Signature _____ Date _____

Canada

AMENDMENT 01 TO SOLICITATION NUMBER W6369-22-X036 IS RAISED TO:

1. Amend Annex "A" – Statement of Requirement; and

2. Provide clarification and answers to questions from potential suppliers.

QUESTIONS AND ANSWERS:

Number	Questions/Answers/Amendments
Question 1:	Could DND please clarify for Host Software, are the software (supports) below acceptable? UHD version 4.1 or later RFNoC GNU Radio C/C++ Python OpenEmbedded Linux on A53 NI-USRP 20.8 or later LabVIEW 2020 or later LabVIEW FPGA 2020 or later
Answer 1:	For the Host Software required specifications, please see Annex A, Subsection 4.1, under "Host Software" specifications.
Question 2:	Could DND please confirm the computer interface QSFP28 is the correct port? In tender we have QFSP28.
Answer 2:	Please see Solicitation Amendment 001.

SOLICITATION NUMBER W6369-22-X018 IS HEREBY AMENDED AS FOLLOWS:

1. DELETE Annex "A" - Statement of Requirement in its entirety, and REPLACE with the following:

<div align="center">

ANNEX "A" - STATEMENT OF REQUIREMENT

</div>

1. TITLE

High Performance Software Defined Radio Equipment

2. BACKGROUND

DRDC currently requires a high performance software defined radio for lab-based development and experimentation of RF waveforms.

3. ACRONYMS

DRDC   Defence Research and Development Canada
SDR   Software Defined Radio
PPS   Pulse Per Second
RF   Radio Frequency
SOR   Statement of Requirement
TA   Technical Authority

4. REQUIREMENTS

4.1 High Performance Software Defined Radio Peripheral

Required quantity: 2

The Contractor must provide the requirement with the following specifications:

Specifications	Value
Instantaneous Bandwidth	Must be greater than or equal to 400 MHz.
Frequency Range	Must cover a minimum range of 100MHz-7.2GHz.
Synchronisation	Must provide external PPS + 10Mhz Reference Inputs.
Computer Interface	Must have at least one QSFP28 Port supporting 10+100Gigabit Ethernet allowing full streaming of instantaneous bandwidth to a computer.
Host Software	Must have an open source host driver with current, active, out of the box support for srsRAN and GNURADIO - Host driver integration included with community support for at least the last two releases in the main branch for each application – srsRAN 21.04 and 21.10, GNURadio 3.9.2.0 and 3.8.3.1.

4.2 Accessories

The Contractor must provide the following accessories for requirement 4.1:

Description	Required quantity
Power supply cable (US Mains Power)	2

5. DELIVERABLES

5.1   High Performance Software Defined Radio Peripheral

Delivery of two (2) high performance software defined radio that meets the specifications listed in subsection 4.1 as well as two (2) power supply as listed in subsection 4.2.

6. DELIVERY LOCATION

Defence Research and Development Canada – Ottawa Research Centre
Building 29
3701 Carling Avenue
Ottawa, ON
K1A 0Z4
Canada

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.