# SOLICITATION AMENDMENT / MODIFICATION DE L'INVITATION

# RETURN BIDS TO / RETOURNER LES SOUMISSIONS À:

Director Services Contracting 4 (D Svcs C 4) Attention: Rogelio Orsetti, Senior 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 EST

On / le: 6 February 2023

Title / Titre	
Quantum RF Sensing Lab Consumables	i e
Solicitation No. / No de l'invitation	Amendment No. / N° de la
W6369-23-X033	modification
	01
Date of Amendment / Date de la modif	fication
26 January 2023	
•	
Address Enquiries to / Adresser toute	s questions à:
Rogelio Orsetti by email to:	·
Rogelio.Orsettipetrocelli@forces.gc.ca	
Telephone No. / N° de téléphone	FAX No. / N° de fax
613-715-0853	
Destination	
Defence Research and Development Ca	nada – 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 s	ociale 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	



## AMENDMENT 01 TO SOLICITATION NUMBER W6369-23-X033 IS RAISED TO:

- 1. Extend the solicitation closing date by one (1) week from 30 January 2023 to 06 February 2023;
- 2. Amend Annex "A" Statement of Requirement; and
- 3. Provide clarification and answers to questions from potential suppliers.

#### **QUESTIONS AND ANSWERS:**

Number	Questions/Answers/Amendments
Question 1:	Would DND accept, for the Broadband Dielectric Mirrors (Annex A, 4.7 and 4.8), a Wavelength Range of 750-1100nm (instead of 700-1000 nm in the solicitation) would satisfy your system? If not could you provide any flexibility for your waveband of interest?
Answer 1:	Please see Amendment 01.
Question 2:	For the 100 required Broadband Dielectric Mirrors and the 200 Broadband Dielectric Mirrors: Are these for 45° AOI?
Answer 2:	Please see Amendment 01.
Question 3:	For the 100 required Broadband Dielectric Mirrors and the 200 Broadband Dielectric Mirrors: Are these to be mounted in rings or unmounted? Do you have a preference between 25/25.4 and 12.5/12.7 mm?
Answer 3:	Please see Amendment 01.
	The slight difference in diameter is acceptable.
Question 4:	For the 100 required Broadband Dielectric Mirrors and the 200 Broadband Dielectric Mirrors: Do you have a thickness requirement?
Answer 4:	Please see Amendment 01.
Question 5:	For the 100 required Broadband Dielectric Mirrors and the 200 Broadband Dielectric Mirrors: Is Fused Silica an acceptable alternative to BK7?
Answer 5:	Please see Amendment 01.
Question 6:	For the 100 required Broadband Dielectric Mirrors and the 200 Broadband Dielectric Mirrors: Is the flatness in terms of PV or RMS?
Answer 6:	Please see Amendment 01.
Question 7:	For the 100 required Broadband Dielectric Mirrors and the 200 Broadband Dielectric Mirrors: Can you relax the scratch/dig requirement at all?
Answer 7:	No.

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Number	Questions/Answers/Amendments
Question 8:	We have some questions regarding the bid preparation. I see that we need to prepare the technical bid, financial bid, and certifications.
	Are there specific forms for these documents?
	2. There are three certifications - Integrity Provisions (Declaration of convicted offense), Integrity Provisions (ineligibility and suspension policy), and federal contractors' program for employment equity. Are these certifications provided by third-party arms-length institutions, or are they declared by ourselves?
Answer 8:	No specific forms for the Technical Bid.
	DND requests suppliers to complete Annex B for their Financial Bid.
	<b>If applicable</b> , all information regarding certifications can be found under Part 5 of the RFP.
Question 9:	Could DND please clarify if the requested parts are commercially available in the market or is looking for a manufacturer to customize the parts?
Answer 9:	DND is looking for a manufacturer to customize the specialized parts with specifications beyond what is currently available.

#### SOLICITATION NUMBER W6369-23-X033 IS HEREBY AMENDED AS FOLLOWS:

- DELETE from Page 1, "30 January 2023" and REPLACE with "06 February 2023". 1.
- 2. DELETE Annex "A" - Statement of Requirement, Subsection 4.7 Broadband Dielectric Mirrors in its entirety, and REPLACE with the following:

#### **4.7 Broadband Dielectric Mirrors**

## Required quantity: 100

The Contractor must provide the requirement with the following specifications:

Specifications	Value
Average Reflectivity	Greater than 99%
Wavelength Range	Within the 700-1100 nm range
Diameter	1 in
Substrate	BK7/HK7/Fused Silica
Coating	Magnetron sputtering
Surface Flatness	Less than Lambda/5 (PV)
Thickness Requirement	Wavefront flatness less than Lambda/10
Ring Mounted	No
Angle of Incidence (AOI)	45 degrees
S/D	10/5

3. DELETE Annex "A" - Statement of Requirement, Subsection 4.8 Broadband Dielectric Mirrors in its entirety, and REPLACE with the following:

## **4.8 Broadband Dielectric Mirrors**

Required quantity: 200

The Contractor must provide the requirement with the following specifications:

Specifications	Value
Average Reflectivity	Greater than 99%
Wavelength Range	Within the 700-1100 nm range
Diameter	0.5 in
Substrate	BK7/HK7/Fused Silica
Coating	Magnetron sputtering
Thickness Requirement	Wavefront flatness less than Lambda/10
Ring Mounted	No
Angle of Incidence (AOI)	45 degrees
Surface Flatness	Less than Lambda/5 (PV)
S/D	10/5

#### ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.