



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Réception des soumissions - TPSGC / Bid Receiving
- PWGSC

Voir dans le document/
See herein

NA

Québec

NA

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

Proposal To: Public Works and Government Services Canada

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: Travaux Publics et Services Gouvernementaux 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 - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

TPSGC/PWGSC

601-1550, Avenue d'Estimauville

Québec

Québec

G1J 0C7

Title - Sujet TUNABLE PULSED QCL LASER SOURCE	
Solicitation No. - N° de l'invitation W7701-227465/A	Date 2021-12-20
Client Reference No. - N° de référence du client W7701-22-7465	
GETS Reference No. - N° de référence de SEAG PW-\$QCL-042-18259	
File No. - N° de dossier QCL-1-44111 (042)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2022-01-18 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input checked="" type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Hamel, Jonathan	Buyer Id - Id de l'acheteur qc1042
Telephone No. - N° de téléphone (438) 401-1381 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DE LA DEFENSE NATIONALE RDDC CENTRE DE RECHERCHES DE VALCARTIER 2459 ROUTE DE LA BRAVOURE QUEBEC Québec G3J1X5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée .	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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ANNEX B 24

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable to this document.

1.2 Requirement

The requirement is detailed under Annex "**A**".

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority ***within 15 working days*** from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Canadian Content

The requirement is subject to a preference for Canadian good.

1.5 Epost Connect service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.1.1 SACC Manual Clauses

[B1000T](#) (2014-06-26), Condition of Material – Bid

2.1.2 Best Delivery Date – Bid *(to be filled by the bidder)*

While delivery is requested no later than March 31st 2022, the best delivery that could be offered is _____.

2.2 Submission of Bids

Bids must be submitted only to the Quebec Region Bid Receiving Unit of Public Works and Government Services Canada (PWGSC) no later than the date and time indicated on page 1 of the bid solicitation.

2.2.1 ePost connect

Bidders choosing to submit using epost Connect must send an email requesting to open an epost Connect conversation to the following address:

TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca

Note: **Bids will not be accepted if emailed directly to this email address.** This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/1/2003/active>), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six days before the solicitation closing date.

[Steps to follow for the Bid Submission to Bid Receiving Unit \(BRU\) using epost Connect](https://buyandsell.gc.ca/steps-to-follow-for-the-bid-submission-to-bid-receiving-unit-bru-using-epost-connect)
(<https://buyandsell.gc.ca/steps-to-follow-for-the-bid-submission-to-bid-receiving-unit-bru-using-epost-connect>)

2.2.2 Facsimile

Facsimile number: 418-566-6168.

2.2.3 Paper submissions to PWGSC will not be accepted.

2.3 **Former Public Servant**

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "*former public servant*" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- (a) an individual;
- (b) an individual who has incorporated;
- (c) a partnership made of former public servants; or
- (d) a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"*lump sum payment period*" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"*pension*" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defense Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes** () **No** ()

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- (a) name of former public servant;

(b) date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2019-01](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes** () **No** ()

If so, the Bidder must provide the following information:

- (a) name of former public servant;
- (b) conditions of the lump sum payment incentive;
- (c) date of termination of employment;
- (d) amount of lump sum payment;
- (e) rate of pay on which lump sum payment is based;
- (f) period of lump sum payment including start date, end date and number of weeks;
- (g) number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that can be paid to a former public servant who has received a lump sum payment is limited to \$5,000, including applicable taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority at jonathan.hamel@tpsgc-pwgsc.gc.ca no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.5 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Québec.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.6 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
- Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 – INSTRUCTIONS FOR THE PREPARATION OF TENDERS

3.1 *Bid Preparation Instructions*

If the bidder chooses to submit its bid electronically, Canada requires the bidder to comply with section 08 of the [2003 Standard Instructions](#). The epost Connect system has a limit of 1 GB per individual message displayed and a limit of 20 GB per conversation.

The submission should be presented in separate sections as follows:

Section I: Technical bid
Section II: Financial bid
Section III: Certifications and additional information

Due to the nature of the bid solicitation, paper submissions will not be accepted.

Prices must be included in the financial submission only. No price must be indicated in any other section of the submission.

3.1.1 Section I: Technical bid

In their technical bid, bidders should explain and demonstrate how they intend to meet the requirements and how they will carry out the work.

3.1.2 Section II: Financial bid

Bidders must submit their financial bid in accordance with the basis of payment.

3.1.3 Section III: Certifications and additional information

Bidders must submit the attestations and additional information required in Part 5.

Canada is also requesting that suppliers provide the following information:

(a) **Contract manager:** [\(to be completed by the contractor\)](#)

name:
phone :
facsimile :
email:

(b) **Service support:** [\(to be completed by the contractor\)](#)

name:
phone :
facsimile :
email:

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3.2 Electronic payment of invoices – bid

If you are willing to accept the payment of invoices using electronic payment instruments, complete Attachment 1 to part 3 to the bid solicitation - Electronic Payment Instruments to identify which ones are accepted.

If Attachment 1 to part 3 to the bid solicitation - Electronic Payment Instruments has not been completed, then it will be agreed that payment of invoices using electronic payment instruments will not be accepted.

The acceptance of electronic payment instruments will not be considered as an evaluation criterion.

3.3 Exchange rate fluctuation

The requirements does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

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ATTACHMENT 1 TO PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENT

The Bidder accepts any of the following Electronic Payment Instrument(s):

- () Direct Deposit (Domestic and International);
- () Electronic Data Interchange (EDI).

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.
- (c) The evaluation team will determine if there are two (2) or more bids with a valid Canadian content certification with the bids coming from two or more Bidders that are not affiliated within the meaning used in the Competition Act, R.S.C., 1985, c. C-34. In that event, only those bids with a valid certification will be eligible to be awarded a contract; otherwise, all bids will be eligible. If at any point in the evaluation process it is found, whether by determination of invalidity of certifications, determination that bids are non-responsive or withdrawal of bids by Bidders, that there are no longer two (2) or more responsive bids with a valid certification, then all responsive bids will be eligible to be awarded a contract. Canada may conduct the validation of Canadian content certifications at any time in the evaluation process including doing so concurrently with other steps.

4.1.1 Technical Evaluation

The technical evaluation will be based on the mandatory technical evaluation criteria detailed in Attachment 1 to Part 4 of the bid solicitation

Bidders must demonstrate each of these mandatory technical evaluation criteria with documents and/or brochures and/or technical drawings, which must be submitted with their proposal.

Bidders should complete the grid in Attachment 1 to Part 4 and include it with their proposal.

4.1.2 Financial Evaluation

The Financial Evaluation Total = Sum of the price of **items 1 to 2** indicated in Annex "B".

4.1.2.1 Evaluation of Price - Canadian/Foreign Bidder

1. Bidders must submit firm fixed prices, Customs duties included, Excise taxes and Applicable Taxes excluded.
2. Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.
3. Bidders must provide prices Delivered at Place (DAP) **Valcartier, Québec**, Canada Incoterms 2010 for shipments from a commercial contractor. Bids will be assessed on a DAP basis.

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4.2 Basis of Selection

4.2.1 SACC Manual Clause

A bid must meet the requirements of the bid solicitation and meet all the mandatory technical evaluation criteria described in Attachment 1 to Part 4 to be declared eligible. The responsive bid with the lowest evaluated price will be recommended for contract award. Only one contract will be awarded.

ATTACHMENT 1 TO PART 4 OF THE BID SOLICITATION

MANDATORY TECHNICAL CRITERIA TO BE DEMONSTRATED

No.	MANDATORY TECHNICAL CRITERIA (reference to Annex A)	Specify where these technical criteria are demonstrated within your technical bid (pages #, sections # or title-s and/or document's title-s).
M1	The QCL laser source must be continuously tunable from 9.7 microns to 10.6 microns with a spectral accuracy better than 0.05 micron.	
M2	The QCL laser must be able to produce equally spaced light pulses at a frequency of at least 100 kHz.	
M3	The minimum pulse width, measured as the temporal Full Width at Half Maximum, must be shorter or equal to 50 ns from 9.7 microns to 10.6 microns.	
M4	The Peak Power of a single light pulse must be larger or equal to 20 mW at 5% duty cycle from 9.7 microns to 10.6 microns.	
M5	The line-width of the selected wavelength, measured as the Full Width at Half Maximum, must be lower or equal to 50 nm from 9.7 microns to 10.6 microns.	
M6	The source wavelength selection must be controlled using software or a Graphic User Interface.	

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.1.2 Additional Certifications Required with the Bid

5.1.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause [A3050T](#), may be considered.

Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that:

() the good(s) offered are Canadian goods as defined in paragraph 1 of clause [A3050T](#)

5.1.2.1.1 SACC Manual clause [A3050T](#) (2020-07-01) Canadian Content Definition

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation (*Refer to Attachment 1 to Part 5 of the bid solicitation*)

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

5.2.3 OEM Certification

(a) Any Bidder that is not the Original Equipment Manufacturer (OEM) for every item of hardware proposed as part of its bid is required to submit the OEM's certification (Annex E) regarding the Bidder's authority to provide and maintain the OEM's hardware, which must be signed by the OEM (not the Bidder). No Contract will be awarded to a Bidder who is not the OEM of the hardware it proposes to supply to Canada, unless the OEM certification has been provided to Canada. Bidders are requested to use the OEM Certification Form (Attachment 2 to Part 5 of the bid solicitation) included with the bid solicitation. Although all the contents of the OEM Certification Form are required, using the form itself to provide this information is not mandatory. For Bidders/OEMs who use an alternate form, it is in Canada's sole discretion to determine whether all the required information has been provided.

(b) If the hardware proposed by the Bidder originates with multiple OEMs, a separate OEM certification is required from each OEM.

(c) For the purposes of this bid solicitation, OEM means the manufacturer of the hardware, as evidenced by the name appearing on the hardware and on all accompanying documentation.

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ATTACHMENT 1 TO PART 5 OF THE BID SOLICITATION

COMPLETE LIST OF COMPANY BOARD OF DIRECTORS

NOTE TO BIDDERS

WRITE ALL DIRECTOR'S FULL NAMES IN BLOCK LETTERS

PROCUREMENT – BUSINESS NUMBER (PBN) : _____

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ATTACHMENT 2 TO PART 5 OF THE BID SOLICITATION
ORIGINAL EQUIPMENT MANUFACTURER ATTESTATION FORM

Original Equipment Manufacturer (OEM) Attestation Form	
The purpose of this form is to confirm that the original equipment manufacturer (OEM) named below has authorized the bidder named below to supply and maintain its products under the contract awarded following the bid solicitation listed below.	
EOM manufacturer name:	
Signature of the signing authority:	
Name in block letters of the signing authority of the OEM :	
Title of the signing authority of the OEM:	
Address of the signing authority of the OEM:	
Signing authority telephone number :	
Fax number of the OEM signing authority:	
Date of signature:	
Bid solicitation number:	
Name of bidder:	

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

[2010A](#) (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract *(to be filled at contract award)*

The period of the Contract is from date of Contract to _____ inclusive.

6.4.2 Delivery Date *(to be filled at contract award)*

All deliverable goods must be received on or before _____.

6.4.3 Delivery Points

Delivery of the requirement will be made to delivery point specified at Annex "A" of the Contract.

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6.5 Authorities

6.5.1 Contracting Authority

The contracting authority for the contract is:

Name : Jonathan Hamel
Title : Supply Specialist
Public Services and Procurement Canada
Procurement Directorate

Address : 800 de la Gauchetière O., Montréal, QC, H5A 1L6
Telephone : 438-401-1381
Email : jonathan.hamel@tpsgc-pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority *(to be filled at contract award)*

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: _____
Facsimile: _____
E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative *(to be filled by the bidder)*

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: _____
Facsimile: _____
E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B for a cost of \$ _____ (*amount will be inserted at contract award*). Customs duties are excluded and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Single Payment

SACC Manual clause H1000C (2008-05-12) Single Payment

6.6.3 SACC Manual Clauses

SACC Manual clause C2000C (2007-11-30), Taxes - Foreign-based Contractor

6.6.4 Electronic Payment of Invoices – Contract (*As per bidder's choice-s in Attachment 1 to Part 3 of the bid solicitation*)

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Direct Deposit (Domestic and International);
- b. Electronic Data Interchange (EDI).

6.6.5 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice has been completed.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
 - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.7 Certifications and Additional Information

6.7.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.7.2 SACC Manual Clauses

SACC Manual clause [A3060C](#) (2008-05-12), Canadian Content Certification

6.8 Applicable Laws *(to be filled by the bidder)*

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____ *(insert the name of a province or territory of CANADA)*.

6.9 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the general conditions [2010A](#) (2020-05-28), General conditions: Goods (medium complexity)
- (c) Annex A, Requirement;
- (d) Annex B, Basis of payment;
- (e) the Contractor's bid dated _____ *(insert date of bid) (If the bid was clarified or amended, insert at the time of contract award: “, as clarified on _____” or “, as amended on _____” and insert date(s) of clarification(s) or amendment(s)).*

6.10 SACC Manual Clauses

[B1501C](#) (2018-06-21), Electrical equipment
[G1005C](#) (2016-01-28), Insurance - No Specific Requirement
[A9006C](#) (2012-07-16), Defence Contract

6.11 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading [“Dispute Resolution”](#).

ANNEX A

REQUIREMENT

1. TITLE

TUNABLE PULSED QCL LASER SOURCE AT 10 MICRONS

2. BACKGROUND

Defence Research and Development Canada (DRDC) requires a tunable pulsed QCL laser source in the 9.7 microns to 10.6 microns range to integrate in a new LiDAR system. The source needs to be tunable with peak power allowing elastic backscattering detection.

3. ACRONYMS

DRDC	Defence Research and Development Canada
SOR	Statement of Requirement
TA	Technical Authority
QCL	Quantum Cascade Laser
FWHM	Full Width Half Maximum
GUI	Graphic User Interface

4. REQUIREMENTS

4.1 Tunable pulsed QCL Laser

Required quantity: 1

The Contractor must provide the requirement with the following specifications:

Specifications	Value
Spectral Range	From 9.7 microns to 10.6 microns
Laser Type	QCL
Emission Type	Pulsed laser
Temporal pulse length	≤ 50 ns FWHM within spectral range
Peak Power	≥ 20 mW within the spectral range at 5% duty cycle
Pulsed laser line-width	≤ 5 cm ⁻¹ (≤ 50 nm at 10 microns) at FWHM
Software	Control software for tuning the source wavelength within spectral range or easy to use GUI

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5. DELIVERABLES

Number	Requirement Reference	Description of the Deliverables	Quantity and Format
5.1	4.1	Pulsed Tunable QCL Laser at 10 microns	1

6. LANGUAGE OF WORK

The contractor must be able to provide technical support in French or English to Canada if necessary.

7. DELIVERY LOCATION

DRDC – Valcartier Research Centre
Building 53
2459 route de la Bravoure,
Québec, QC
G3J 1X5
CANADA

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ANNEX B
BASIS OF PAYMENT

Item	Item description	Quantity	Price ¹
1	Pulsed Tunable QCL Laser at 10 microns	1	\$ _____
2	All packaging, transportation and delivery costs.	1	\$ _____
TOTAL FIRM FIXED PRICE (applicable taxes extra)			\$ _____

¹Currency (if other than CAN\$): _____