



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**

11 Laurier St. / 11, rue Laurier

Place du Portage , Phase III

Core 0B2 / Noyau 0B2

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

**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

Security and Information Operations Division/Division de
la sécurité et des opérations d'information

11 Laurier St. / 11, rue Laurier

8C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet ONE WAY OPTICAL DIODE	
Solicitation No. - N° de l'invitation W7714-166134/A	Date 2015-12-07
Client Reference No. - N° de référence du client W7714-166134	
GETS Reference No. - N° de référence de SEAG PW-\$\$QE-015-25547	
File No. - N° de dossier 015qe.W7714-166134	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-01-18	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Picknell, Christine	Buyer Id - Id de l'acheteur 015qe
Telephone No. - N° de téléphone (819) 956-0554 ()	FAX No. - N° de FAX (819) 956-6907
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE BLDG 29 RECEIVING 3701 CARLING AVE OTTAWA Ontario K1A0Z4 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	2
1.1 REQUIREMENT	2
1.2 DEBRIEFINGS	2
1.3 TRADE AGREEMENTS	2
PART 2 - BIDDER INSTRUCTIONS	2
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	2
2.2 SUBMISSION OF BIDS	2
2.3 ENQUIRIES - BID SOLICITATION	2
2.4 APPLICABLE LAWS	3
PART 3 - BID PREPARATION INSTRUCTIONS	3
3.1 BID PREPARATION INSTRUCTIONS	3
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	4
4.1 EVALUATION PROCEDURES	4
4.2 BASIS OF SELECTION	4
PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION	4
5.1 CERTIFICATIONS REQUIRED WITH THE BID	4
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	5
PART 6 - RESULTING CONTRACT CLAUSES	5
6.1 SECURITY REQUIREMENTS	5
6.2 REQUIREMENT	5
6.3 STANDARD CLAUSES AND CONDITIONS	5
6.4 TERM OF CONTRACT	6
6.5 AUTHORITIES	6
6.6 PAYMENT	7
6.7 INVOICING INSTRUCTIONS	8
6.8 CERTIFICATIONS	8
6.9 APPLICABLE LAWS	8
6.10 PRIORITY OF DOCUMENTS	8
6.11 SACC MANUAL CLAUSE	9
6.12 INSURANCE	9
6.13 SHIPPING INSTRUCTIONS - DELIVERY AT DESTINATION	9
ANNEX A	10
STATEMENT OF REQUIREMENT	10
ANNEX B	14
BASIS OF PAYMENT	14

PART 1 - GENERAL INFORMATION**1.1 Requirement**

The requirement is detailed under Annex A of the resulting contract.

1.2 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.

1.3 Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

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>) 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 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 5 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.

2.4 Applicable Laws

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

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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Financial Bid (1 hard copy)

Section II: Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

3.1.2 SACC Manual Clauses

A9130T (2014-11-27) Controlled Good Program

Section III: Certifications

Bidders must submit the certifications required under Part 5.

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.

4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars DDP, Applicable Taxes excluded.

4.2 Basis of Selection

A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract

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. 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 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>), to be given further consideration in the procurement process.

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 – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's website](#).

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.

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 this Contract.

6.2 Requirement

The Contractor must provide the items detailed within the Statement of Requirement – 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>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3.2 Supplemental General Terms and Conditions

4006 (2010-08-16) Contractor to Own Intellectual Property Rights in Foreground Information

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before _____ (*insert the date*).

6.4.2 Options

The Contractor grants to Canada the irrevocable option to acquire the goods described at Annex A of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within 12 months after contract award by sending a written notice to the Contractor.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Christine Picknell
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
Directorate: DMPS
Address: 11 Laurier
Gatineau, ON K1A 0K2
Telephone: 819-956-0554
E-mail address: Christine.picknell@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 Technical Authority

The Technical Authority for the Contract is:

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail: _____.

The Technical Authority named above 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 Technical Authority, however the Technical 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

Name: _____

Organization: _____

Address: _____

Telephone: ____-____-____

E-mail: _____.

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 unit price, as specified in Annex B. Customs duties are included 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 Multiple payments

H1001C (2008-05-12) Multiple payments

6.7 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 is completed.

Invoices must be distributed as follows:

- b. The original and one (1) copy must be forwarded to the following address for certification and payment.

Department of National Defence
Defence R&D Canada Ottawa
Building 5B
3701 Carling ave
Ottawa, ON K1A 0Z4

- c. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

6.10 Priority of Documents

If there is a discrepancy between the wordings 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 supplemental general conditions 4006 (2010-08-16)
- (c) the general conditions 2010A (2015-09-03);
- (d) Statement of Requirement;
- (e) the Contractor's bid dated _____
- (f) Annex A

(g) Annex B

6.11 SACC Manual Clause

A9131C (2014-11-27) Controlled Goods Program

B4060C (2011-05-16) Controlled Goods

6.12 Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

6.13 Shipping Instructions - Delivery at Destination

6.13.1. Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid (DDP) (Ottawa, ON) Incoterms 2000 for shipments from a commercial contractor.

The Contractor will be responsible for all delivery charges, administration, costs and risk of transport and customs clearance, including the payment of customs duties and taxes.

6.13.2 Delivery Destination

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

Solicitation No. - N° de l'invitation

W7714-16-6134/A

Client Ref. No. - N° de réf. du client

W7714-16-6134

Amd. No. - N° de la modif.

File No. - N° du dossier
W7714-16-6134

Buyer ID - Id de l'acheteur

015QE

CCC No./N° CCC - FMS No./N° VME

Annex A

Statement of Requirement

Purchase request tool tracking number: 2015-01864

1. TITLE

One Way Diode Statement of Requirement

2. BACKGROUND

For Phase 3 demo on ARMOUR on DRENet, there is a requirement to move information from the low side network to the high side.

3. ACRONYMS

DRDC Defence Research and Development Canada
SOR Statement of Requirement
TA Technical Authority

4. APPLICABLE DOCUMENTS & REFERENCES

CF Security Orders & Directives for Classified Information Systems

5. REQUIREMENTS

5.1 Data Diode

Required quantity: 1

The Contractor must provide the requirement with the following specifications:
Must be able to move the following data types

Name	Gather mechanism	Format	Details of format
CheckPoint	Scp	.cfg	Generated by "cpdb2web.exe" of the Checkpoint web visualization tool
Firewall Placement	Scp	.csv	Manually generated with fields: <ul style="list-style-type: none">• firewall_ip;• firewall_name;• firewall_description;• node1_ip, node_1_interface;• node2_ip, node2_interface; and• link_type.

Host Configuration	Scp	.xml	Collected by OpenNMS using Wmiplugin. (Configuration detail available in /opt/opennms/etc/wmi-datacollection-config.xml')
NMAP	Scp	.xml	Nmap output XML option (with DTD at http://nmap.org/book/app-nmap-dtd.html)
SMARTHawk	http	XML string	SMARTHawk gathers network information via SNMP/MIB. The output XML is flattened to a string. DTD available from solananetworks.com
Vulnerability	scp	.xml	From https://nvd.nist.gov (we use the XML 2.0 schema)
Vulnerability ERL	Manual copy	CSV	Manually generated file for Exploitability and Remediation Level (ERL) data. The format for the CSV file is CVE_ID, E (Exploitability), RL (Remediation Level).
Operational Dependency	Manual copy	CSV	Manually generated file to describe which assets are needed for each Operation/Mission.
Network Time Protocol	Scp	NTPv4	Networking protocol for clock synchronization between computer systems

Specifications	Value
Data flow	Data flow is permitted in one direction only, from a LOW side domain to a HIGH side domain
Data Scanning	Data transferred from the LOW side domain to the HIGH side domain shall be scanned using anti-virus and content scanning software to ensure that all data coming onto the HIGH side domain is free of viruses, Trojans, and other malicious code.
Data forwarding	Data moved automatically from LOW side directory to the HIGH side directory
Data deletion	Low side data is automatically deleted once transferred
Data detection	The diode detects changes to the low side folder and automatically transfers it to the high side
Security	Software is accredited to work from PA (Low side) to Level II (High side)

5.2 Accessories

The Contractor must provide the following accessories for requirement 5.1:

Description	Required quantity
Data Scanning software	1
Cables and connectors	1
Data scanning software support and updates (1 year)	1
One (1) Rack Mounted server	1
Software Install	Lot
Manuals – soft copy	1

ANNEX B

BASIS OF PAYMENT

The price of the bid will be evaluated in CAD dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, DDP destination, Canadian customs duties and excise taxes included.

ITEM #	DESCRIPTION	U. of I.	QTY	UNIT PRICE (CAD)	TOTAL PRICE (CAD)
1	One Way Optical Diode as per Annex A, 5.1 -Data Scanning software -Cables and connectors -Data scanning software support and updates (1year) -One (1) rack mounted server -Software to install -Manuals 1 soft copy (English)	EA	1		

Optional Goods

ITEM #	DESCRIPTION	U. of I.	QTY	UNIT PRICE (CAD)	TOTAL PRICE (CAD)
1	One Way Optical Diode as per Annex A, 5.1 -Data Scanning software -Cables and connectors -Data scanning software support and updates (1 year) -One (1) rack mounted server -Software to install -Manuals 1 soft copy (English)	EA	2		