



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada

Place Bonaventure, portail Sud-Oue

800, rue de La Gauchetière Ouest

7^e étage, suite 7300

Montréal

Québec

H5A 1L6

FAX pour soumissions: (514) 496-3822

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

THIS DOCUMENT CONTAINS A SECURITY
REQUIREMENT.

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Travaux publics et Services gouvernementaux Canada

Place Bonaventure, portail Sud-Oue

800, rue de La Gauchetière Ouest

7^e étage, suite 7300

Montréal

Québec

H5A 1L6

Title - Sujet CNC plasma and oxyfuel cutting syst	
Solicitation No. - N° de l'invitation W7701-207180/A	Date 2019-11-05
Client Reference No. - N° de référence du client W7701-207180	
GETS Reference No. - N° de référence de SEAG PW-\$MTA-280-15518	
File No. - N° de dossier MTA-9-42171 (280)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-12-16	Time Zone Fuseau horaire Heure Normale du l'Est HNE
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Blanchet, Annie	Buyer Id - Id de l'acheteur mta280
Telephone No. - N° de téléphone (514) 605-3664 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: BÂTIMENT 53 -DRDC-Defence R&D Canada-Valcartier BATISSE 53 2459 ROUTE DE LA BRAVOURE QUEBEC Québec G3J1X5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée Voir Doc.	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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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

1. Before award of a contract, the following conditions must be met:
 - (a) the Bidder must hold a valid organization security clearance as indicated in Part 6 - Resulting Contract Clauses;
 - (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work sites must meet the security requirements as indicated in Part 6 - Resulting Contract Clauses;
 - (c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites;
2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful Bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, Bidders should refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

1.2 Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

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 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), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA)."

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](#) (2019-03-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 120 days

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date and time indicated in the bid solicitation.

You must send your offer by either epost Connect, mail, facsimile, or in person.

BY MAIL, FACSIMILE OR IN PERSON:

PWGSC Bid Receiving Unit
Public Services and Procurement Canada
Acquisitions Directorate - Quebec Region
Bonaventure Place, South-West Portal
800, de la Gauchetière West, Suite 7300
Montreal, Quebec, H5A 1L6

Facsimile: (514) 496-3822

BY EPOST CONNECT

For offerors choosing to submit using epost Connect for offers closing at the Bid Receiving Unit at PWGSC, the email address is:

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](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) 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 Quebec.

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

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications
Section IV: Additional Information

If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies)
Section II: Financial Bid (1 hard copie)
Section III: Certifications (1 hard copie)
Section IV: Additional Information (1hard copie)

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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 hard copy 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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). 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: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex “X” Electronic Payment Instruments, to identify which ones are accepted.

If Annex “X” Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

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

3.1.3 SACC Manual Clauses

Section III: Certifications

Bidders must submit the certifications and additional information 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.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

It is mandatory to provide the technical / descriptive documents of the product that you are offering (eg. drawing, data sheet, sketch, etc.) or a description to allow its technical evaluation. Failure to comply will render your bid non responsive.

Although the bidder must propose products that meet all of the following specifications and technical components described in Annex A at the closure date, bids will be evaluated on the technical requirements of Annex D - Mandatory technical evaluation criteria.

4.1.1.1 Mandatory Technical Criteria

See Annex D "Mandatory technical evaluation criteria"

IMPORTANT: The bidder must clearly demonstrate how the proposed equipment complies to each mandatory technical criteria at Annex D. Simply stating that the criteria are met is not sufficient. Where it is necessary to refer to other documentation that is included in the proposal, bidders should include the precise location of the reference material including the title of the document, and the page and paragraph numbers. It is the bidder's responsibility to provide enough details to permit a complete evaluation.

Any proposal that does not clearly demonstrate compliance with each of the technical requirements listed in the "Mandatory Technical Criteria" (Annex D) at the closing date will be considered non-responsive.

4.1.2 Financial Evaluation

1. Bidders must submit firm prices, customs duties and excise taxes included, 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 Duty Paid (DDP) [Québec \(Québec \)](#) Incoterms 2010 for shipments from a commercial contractor. Bids will be assessed on an DDP basis.

4.1.2.1 The total amount of the financial evaluation: Sum of prices of items 1 to 4 listed in Appendix "B"- Basis of payment

4.2 Basis of Selection

4.2.1 Basis of Selection - Mandatory Technical Criteria

SACC Manual Clause A0031T (2010-08-16) Basis of Selection - Mandatory Technical Criteria

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.

5.2 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

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.

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** The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract.

SECURITY REQUIREMENT FOR CANADIAN SUPPLIER:

PWGSC FILE N° W7701-207180

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid Designated Organization Screening (DOS), issued by the Contract Security Program (CSP) of the Industrial Security Sector (ISS), Public Works and Government Services (PWGSC).
2. The Contractor/Offeror personnel requiring access to sensitive work site(s) must EACH hold a valid **RELIABILITY STATUS**, granted or approved by the CSP/ISS/PWGSC.
3. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the CSP/ISS/PWGSC.
4. The Contractor/Offeror must comply with the provisions of the:
 - a) Security Requirements Check List and security guide, attached at Annex C;
 - b) *Industrial Security Manual* (Latest Edition).

SECURITY REQUIREMENTS FOR FOREIGN SUPPLIERS

The following foreign security clauses must be inserted into the solicitation documentation:

The Canadian Designated Security Authority (Canadian DSA) for industrial security matters in Canada is the Industrial Security Sector (ISS), Public Works and Government Services Canada (PWGSC), administered by International Industrial Security Directorate (IISD), PWGSC. The Canadian DSA is the authority for confirming Contractor compliance with the security requirements for foreign suppliers. The following security requirements apply to the foreign recipient Contractor incorporated or authorized to do business in a jurisdiction other than Canada and delivering outside of Canada the services listed and described in the subsequent contract.

1. The Foreign recipient Contractor must be from a Country within the North Atlantic Treaty Organization (NATO), the European Union (EU) or from a country with which Canada has an international bilateral security instrument. The Contract Security Program (CSP) has international bilateral security instruments with the countries listed on the following PWGSC website:

<http://www.tpsgc-pwgsc.gc.ca/esc-src/international-eng.html>.

2. The Foreign recipient Contractor must, at all times during the performance of the contract, hold an equivalence to a valid Designated Organization Screening (DOS), issued by the Canadian DSA as follows:

i. The Foreign recipient Contractor must provide proof that they are incorporated or authorized to do business in their jurisdiction.

ii. The Foreign recipient Contractor must not begin the work, services or performance until the Canadian Designated Security Authority (DSA) is satisfied that all contract security requirement conditions have been met. Canadian DSA confirmation must be provided, in writing, to the foreign recipient Contractor in an Attestation Form, to provide confirmation of compliance and authorization for services to be performed.

iii. The Foreign recipient Contractor must identify an authorized Contract Security Officer (CSO) and an Alternate Contract Security Officer (ACSO) (if applicable) to be responsible for the overseeing of the security requirements, as defined in this contract. This individual will be appointed by the proponent foreign recipient Contractor's Chief Executive officer or Designated Key Senior Official, defined as an owner, officer, director, executive, and or partner who occupy a position which would enable them to adversely affect the organization's policies or practices in the performance of the contract.

iv. The Foreign recipient Contractor must not permit access to Canadian restricted sites, except to its personnel subject to the following conditions:

a. Personnel have a need-to-know for the performance of the contract;

b. Personnel have been subject to a Criminal Record Check, with favourable results, from a recognized governmental agency or private sector organization in their country as well as a Background Verification, validated by the Canadian DSA;

c. The Foreign recipient Contractor must ensure that personnel provide consent to share results of the Criminal Record and Background Checks with the Canadian DSA and other Canadian Government Officials, if requested; and

d. The Government of Canada reserves the right to deny access to Canadian restricted sites to a foreign recipient Contractor for cause.

3. CANADA PROTECTED information/assets provided or generated pursuant to this contract must not be further provided to a third party Foreign recipient Subcontractor unless:

a. written assurance is obtained from the Canadian DSA to the effect that the third-party Foreign recipient Subcontractor has been approved for access to CANADA PROTECTED information/assets by the Canadian DSA; and

b. written consent is obtained from the Canadian DSA, if the third-party Foreign recipient Subcontractor is located in a third country.

4. The foreign recipient Contractor requiring access to Canadian restricted sites, under this contract, must submit a Request for Site Access to the Departmental Security Officer of Canadian Grain Commission.

5. In the event that a Foreign recipient Contractor is chosen as a supplier for this contract, subsequent country-specific foreign security requirement clauses must be generated and promulgated by the Canadian DSA, and provided to the Government of Canada Contracting Authority, to ensure compliance with the security provisions, as defined by the Canadian DSA, in relation to equivalencies.

6. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the Canadian DSA.

7. The Foreign recipient Contractor must comply with the provisions of the Security Requirements Check List attached at Annex C.

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](#) (2018-06-21), 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

The period of the Contract is from date of Contract up to the acceptance of all deliverables inclusive.

6.4.2 Delivery Date

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

6.4.5 Delivery Points

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

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Annie Blanchet
Title: Supply specialist
Public Works and Government Services Canada
Acquisitions Branch

Telephone: 514 605 3664
Facsimile: 514 496 3822
E-mail address: annie.blanchet@tpsgc.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: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail: _____.

6.6 Payment

6.6.1 Basis of Payment - Firm Price, Firm Unit Price(s) or Firm Lot Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price, as specified in Annex "B" for a cost of \$ _____ (*insert the amount at contract award*). 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 Limitation of Price

SACC Manual clause [C6000C](#) (2017-08-17) Limitation of Price

6.6.3 Paiement unique

SACC Manual clause [H1000C](#) (2017-08-17) Single Payment

6.6.4 SACC Manual Clauses

SACC Manual clause [C2000C](#) (2007-11-30) Taxes - Foreign-based Contractor

6.6.5 Electronic Payment of Invoices – Contract

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

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.
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.

6.8 Certifications and Additional Information

6.8.1 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.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____ (*insert the name of the province or territory as specified by the Bidder in its bid, if applicable*).

6.10 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 (2018-06-21), General Conditions - Goods (Medium Complexity),
- (c) Annex A, Requirement;
- (d) Annex B, Basis of payment
- (e) Annex C, Security Requirements Check List
- (f) 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)*)

6.11 SACC Manual Clauses

SACC Manual clause A9062C (2011-05-16) Canadian Forces Site Regulations

SACC Manual clause B1501C (2018-06-21) Electrical Equipment

SACC Manual clause G1005C (2016-01-28) Insurance - No Specific Requirement

ANNEX "A"- REQUIREMENT

1. Title

ACQUISITION OF A BRIDGE AND RAIL TYPE COMPUTER NUMERICAL CONTROL (CNC) PLASMA AND OXYFUEL CUTTING SYSTEM

2. BACKGROUND

DRDC Valcartier has a requirement for a CNC plasma and oxyfuel cutting system to perform the fabrication of parts in support of the research and development program. This system must allow to cut through plates of various materials, including steel, aluminium and stainless steel of thicknesses up to 3 in (76.2 mm) with plasma technology and up to 6 inches (152.4 mm) with oxyfuel technology. The system must allow precision cutting of plate sizes up to 5 feet (1.52 m) wide x 10 feet (3.0 m) long minimum and must fit within the space identified in the workshop. The system must meet all the technical requirements identified in Section 4.

This acquisition includes delivery and installation of the system, as well as the training of technicians for the operation and maintenance of the system during the guarantee period.

3. ACRONYMS

DRDC	Defence Research and Development Canada
SOR	Statement of Requirement
CNC	Computer Numerical Control
ft:	Feet
m:	Meters
in:	Inches
mm:	Millimeters
lb:	Pounds
kg:	Kilograms
hp:	Horse Power
kW:	Kilowatts
V:	Volts
CSA:	Canadian Standard Association
dia:	Diameter
ARCMIN	Arc minutes
ipm	inch per minute
mpm	meter per minute
cfm	cubic feet minute
cmm	cubic meter minute
VWI	vented water injection

4. Mandatory technical specifications

4.1 Bridge and rail type CNC plasma and oxyfuel cutting system

Required quantity: 1

The Contractor must provide a bridge and rail type CNC plasma and oxyfuel cutting system, including all components required to fully operate the system, such as hardware and software, users and maintenance manuals and basic maintenance tools. All parts and components of the system must be new. The supplier must also ensure technical support. The system must meet the following performance requirements (PR) and all the technical specifications provided in the following table.

	Specifications	Value/content/Description
	Size and capabilities	
PR1	Complete system footprint	All the components of the system, including cutting table, plasma unit must fit within the volume of 22 feet width x 16 feet depth x 12 feet height (6.77 m x 4.92 m x 3.66 m) maximum
PR2	Cutting envelope	The cutting envelope of the table must be 5.0 feet width X 10.0 feet length (1.52 m x 3.05 m) minimum.
PR3	Support table capacity	The support table must be able to support a steel plate of 5 feet x 10 feet up to 6 inches thickness, (1.52 m x 3.02 m x .15 m) and must be built with steel plate of ¼ inch thickness minimum.
PR4	Vertical travel	The vertical (Z) axis must have a travel of 7 1/2 inches (190.5 mm) minimum.
PR5	Fast travel	Fast travel must be 950 inches/min (24.3 m/min) minimum.
PR6	Plasma equipment	<ul style="list-style-type: none"> • Plasma system with minimum power of 300 watts and 63KW • Vented water injection(VWI) gas control unit • Automatic plasma torch height control • Quick stop crash protection • Plasma station outlet equipment for 5 gas (O2, compressed air, N2, F5, AR) • Water filter for VWI gas console • Piercing capacity of 2 inches in mild steel, 1 ½ inches (38.1 mm) in aluminium and stainless steel • Capacity to cut at least 3 inches in mild steel
PR7	Oxyfuel equipment	<ul style="list-style-type: none"> • Automatic torch height control • Cutting torch with automatic internal ignition • Automatic pressure gas solenoid control station • Heat protective sheath • Capacity to cut up to 6 inches in mild steel

PR8	Sectional smoke removal cutting table	<ul style="list-style-type: none"> Sectional smoke removal system downdraft Automatic system to actuate the exhaust duct doors of the sectional smoke removal system
PR9	Dust collector	<ul style="list-style-type: none"> 5000 CFM minimum Filter cartridge with automatic pulse cleaning system Spark protection
Precision & accuracy		
PR10	Linear positional accuracy error	±0.010 inch (0.254mm) maximum for 36 inches (0.91 m) of minimum movement.
PR11	Repeatability error	± 0.001 inch (0.025 mm) maximum.
PR12	Cutting speed	400 ipm minimum (10.25mpm)
PR13	Edge finder	The system must be equipped with an optical or laser alignment system.
General operating requirements		
PR14	General operation	Control of the operations must be possible by numerical control and manually control by the operator.
PR15	Electrical connexion	Electrical connexions and hardware must be provided to operate the system using 600 V, 3 phase current available in the workspace.
PR16	Standards & codes	The system must be CSA certified.
Operating environment protection & Safety		
PR17	Protection against dust and moist	All moving components including; motors, bearings & ball screws, must be protected again dust and dirt.
PR18	Collision protection	The system must be equipped with a collision detector and surface follower device for irregular or warped surfaces
Maintainability & Reliability		
PR19	Durable & low maintenance components	<p>The system must be equipped with the followings:</p> <ul style="list-style-type: none"> AC brushless digital servo motors (minimum 1.5 hp) for the X & Y axis -requiring no periodic maintenance -Rack and pinion gearboxes -with backlash less than 3 arcmin The rails must be fixed directly on ground (concrete) not on pedestal The bridge must be made of steel

PR20	Maintenance tooling	At delivery, the supplier must provide a basic tool kit and special tools required for performing routine maintenance on the system and a list of the maintenance tools required to perform routine maintenance tasks.
PR21	Documentation	The supplier must provide documentation, in paper and/or electronic pdf format, in English and if available in French, for programming, operating and maintaining the system.
PR22	Technical support	The supplier, or a recognized and qualified representative, must respond within 1 day maximum to a telephone service call during working day and, if required a service technician must arrive at the site within 48 hrs.
Control software		
PR23	Supporting format	The system must be able to import, read and use 2D files in the following format (minimum): DXF.
PR24	Nesting program	This nesting program must include as a minimum all of the following capabilities: <ul style="list-style-type: none"> • Compatible with Windows 10 ; • Automatically optimize use of material and create the tool paths; • Interweave single or multiple parts on a sheet; • Calculated toll path cutting time; • Relocated, scaled and turned parts;
PR25	Control software	The tool control software must include as a minimum all of the following capabilities: <ul style="list-style-type: none"> • Conversational type control dedicated exclusively for this type of machine with 2D simulation; • Automatic generation of tool path including kerf compensation for in and out lead path and fast movement, the cutting speed adjustment for corners or diameter and automatic compensation for hole piercing;
PR26	Control hardware	The control hardware must include all of the following: <ul style="list-style-type: none"> • Last generation computer i.e built within 5 years and equipped with control software to fully operate the system; • Hard disk of 2GB minimum; • Touch screen LCD Colour monitor of 15 in (380 mm) minimum; • Wired Keyboard and mouse; • Ethernet connexion; • 4 USB ports minimum; • Windows 10 operating system.
PR27	Delivery	The supplier must deliver the system and provide required lifting resources to unload and place the system at the desired and designated location. The building access door dimension is 140 in (3.55 m) width x 160 in (4.06 m) high. The system must be delivered in a manner to fit through this door.

4.2 Installation

Required quantity: 1

The supplier will be responsible for installing and starting the system. The system will be installed in local 133 of Building 64, at DRDC Valcartier. The system installation must meet the following installation requirements (IR).

	Requirements	Value/content/description
	Delivery and Installation	
IR1	Installation	The supplier must install the system and provide all parts and tools to install and start-up the system. This will include but not limited to electrical connexions, electrical transformers if required, water supply, compressed air and gas with on-site existing line.
IR2	System start-up	The supplier must conduct a complete system start up and demonstrate the system is fully functional, within 15 days following the delivery of the system.

4.3 Training on the system

Required quantity: 1

The supplier must provide on-site formation on the operation and maintenance of the system. The training must meet the following training requirements (TR).

	Specifications	Value
	Training	
TR1	Cutting table training	A minimum of 3 days on-site training at DRDC Valcartier, in French or in English. The training must include as a minimum: the operation and maintenance of the system. This training must be available for 2 to 4 persons.
TR2	Training aids	The supplier must provide all training support manuals in either French or English in hard paper and electronic format for 2 to 4 persons.

5. DELIVERY LOCATION

Defence Research and Development Canada – Valcartier Research Centre
Building 64 room 133
2459 de la Bravoure Road
Quebec, Qc G3J 1X5
Canada

Solicitation No. - N° de l'invitation
W7701-207180/A
Client Ref. No. - N° de réf. du client
W7701-207180

Amd. No. - N° de la modif.
File No. - N° du dossier
MTA-9-42133

Buyer ID - Id de l'acheteur
MTA 280
CCC No./N° CCC - FMS No./N° VME

ANNEX "B"- BASIS OF PAYMENT

Item	Description	Quantity	Unit price
1.	Bridge and rail type computer numerical control (CNC) plasma and oxyfuel cutting system as described in Appendix A – Requirement.	1	\$ _____
2.	Delivery as described in Appendix A- Requirement, Section 5	Lot	\$ _____
3.	Installation and start-up as described in Appendix A- Requirement, Section 4.2	Lot	\$ _____
4.	Training as described in Appendix A – Requirement, Section 4.3	Lot	\$ _____
	Total		\$ _____

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ANNEX "C"- SECURITY REQUIREMENTS CHECK LIST



SECURITY REQUIREMENTS CHECK LIST (SRCL)

LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE

1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine DND		2. Branch or Directorate / Direction générale ou Direction Centre de Recherches de Valcartier	
3. a) Subcontract Number / Numéro du contrat de sous-traitance		3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant	
4. Brief Description of Work / Brève description du travail Accès au site de RDDC pour installation entretien et livraison équipement: Découpeuse au plasma à contrôle numérique (CNC) de type pont et rail			
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. Indicate the type of access required / Indiquer le type d'accès requis			
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès			
Canada <input type="checkbox"/>		NATO / OTAN <input type="checkbox"/>	
Foreign / Étranger <input type="checkbox"/>			
7. b) Release restrictions / Restrictions relatives à la diffusion			
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>		All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	
Not releasable À ne pas diffuser <input type="checkbox"/>		No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	
Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays : <input type="checkbox"/>		Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays : <input type="checkbox"/>	
7. c) Level of information / Niveau d'information			
PROTECTED A <input type="checkbox"/>		NATO UNCLASSIFIED <input type="checkbox"/>	
PROTÉGÉ A <input type="checkbox"/>		NATO NON CLASSIFIÉ <input type="checkbox"/>	
PROTECTED B <input type="checkbox"/>		NATO RESTRICTED <input type="checkbox"/>	
PROTÉGÉ B <input type="checkbox"/>		NATO DIFFUSION RESTREINTE <input type="checkbox"/>	
PROTECTED C <input type="checkbox"/>		NATO CONFIDENTIAL <input type="checkbox"/>	
PROTÉGÉ C <input type="checkbox"/>		NATO CONFIDENTIEL <input type="checkbox"/>	
CONFIDENTIAL <input type="checkbox"/>		NATO SECRET <input type="checkbox"/>	
CONFIDENTIEL <input type="checkbox"/>		NATO SECRET <input type="checkbox"/>	
SECRET <input type="checkbox"/>		COSMIC TOP SECRET <input type="checkbox"/>	
SECRET <input type="checkbox"/>		COSMIC TRÈS SECRET <input type="checkbox"/>	
TOP SECRET <input type="checkbox"/>			
TRÈS SECRET <input type="checkbox"/>			
TOP SECRET (SIGINT) <input type="checkbox"/>			
TRÈS SECRET (SIGINT) <input type="checkbox"/>			
		PROTECTED A <input type="checkbox"/>	
		PROTÉGÉ A <input type="checkbox"/>	
		PROTECTED B <input type="checkbox"/>	
		PROTÉGÉ B <input type="checkbox"/>	
		PROTECTED C <input type="checkbox"/>	
		PROTÉGÉ C <input type="checkbox"/>	
		CONFIDENTIAL <input type="checkbox"/>	
		CONFIDENTIEL <input type="checkbox"/>	
		SECRET <input type="checkbox"/>	
		SECRET <input type="checkbox"/>	
		TOP SECRET <input type="checkbox"/>	
		TRÈS SECRET <input type="checkbox"/>	
		TOP SECRET (SIGINT) <input type="checkbox"/>	
		TRÈS SECRET (SIGINT) <input type="checkbox"/>	



PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? ☒ No / Non ☐ Yes / Oui

If Yes, indicate the level of sensitivity:

Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? ☒ No / Non ☐ Yes / Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :

Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

- | | | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> RELIABILITY STATUS
COTE DE FIABILITÉ | <input type="checkbox"/> CONFIDENTIAL
CONFIDENTIEL | <input type="checkbox"/> SECRET
SECRET | <input type="checkbox"/> TOP SECRET
TRÈS SECRET |
| <input type="checkbox"/> TOP SECRET- SIGINT
TRÈS SECRET - SIGINT | <input type="checkbox"/> NATO CONFIDENTIAL
NATO CONFIDENTIEL | <input type="checkbox"/> NATO SECRET
NATO SECRET | <input type="checkbox"/> COSMIC TOP SECRET
COSMIC TRÈS SECRET |
| <input type="checkbox"/> SITE ACCESS
ACCÈS AUX EMPLACEMENTS | | | |

Special comments:

Commentaires spéciaux : Accès au site de RDDC - Valcartier

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.

REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? ☐ No / Non ☒ Yes / Oui
- If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? ☒ No / Non ☐ Yes / Oui
- On DND premises, unscreened pers. may only access public/reception zones

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? ☒ No / Non ☐ Yes / Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? ☒ No / Non ☐ Yes / Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? ☒ No / Non ☐ Yes / Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? ☒ No / Non ☐ Yes / Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? ☒ No / Non ☐ Yes / Oui



PART C - (continued) / PARTIE C - (suite)

For users completing the form **manually** use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.

Les utilisateurs qui remplissent le formulaire **manuellement** doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form **online** (via the Internet), the summary chart is automatically populated by your responses to previous questions.

Dans le cas des utilisateurs qui remplissent le formulaire **en ligne** (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL CONFIDENTIEL	SECRET	TOP SECRET TRÈS SECRET	NATO RESTRICTED NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET TRÈS SECRET
											A	B	C			
Information / Assets Renseignements / Biens Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Media / Support TI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Link / Lien électronique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?

La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?

☒ No
Non

☐ Yes
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".

Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée

« Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?

La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?

☒ No
Non

☐ Yes
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).

Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée

« Classification de sécurité » au haut et au bas du formulaire et indiquer qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).

ANNEX “D”- Mandatory technical evaluation criteria

Mandatory criteria	Technical demonstration (should include the precise location where to refer in the documentation included in the proposal or provide enough details to permit a complete evaluation)
<p>PR3- Support table capacity</p> <p>The support table must be able to support a steel plate of 5 feet x 10 feet up to 6 inches thickness, (1.52 m x 3.02 m x .15 m) and must be built with steel plate of ¼ inch thickness minimum.</p>	
<p>PR6- Plasma equipment</p> <p>Plasma system with minimum power of 300 watts and 63KW</p>	
<p>PR6- Plasma equipment</p> <p>Vented water injection(VWI) gas control unit</p>	
<p>PR6- Plasma equipment</p> <ul style="list-style-type: none"> Plasma station outlet equipment for 5 gas (O2, compressed air, N2, F5, AR) 	
<p>PR6- Plasma equipment</p> <ul style="list-style-type: none"> Piercing capacity of 2 inches in mild steel, 1 ½ inches (38.1 mm) in aluminium and stainless steel 	
<p>PR6- Plasma equipment</p> <p>Capacity to cut at least 3 inches in mild steel</p>	
<p>PR7- Oxyfuel equipment</p> <ul style="list-style-type: none"> Automatic pressure gas solenoid control station 	
<p>PR7- Oxyfuel equipment</p> <p>Capacity to cut up to 6 inches in mild steel</p>	

PR8- Sectional smoke removal cutting table Sectional smoke removal system downdraft	
PR8- Sectional smoke removal cutting table Automatic system to actuate the exhaust duct doors of the sectional smoke removal system	
PR10- Linear positional accuracy error ±0.010 inch (0.254mm) maximum for 36 inches (0.91 m) of minimum movement.	
PR11- Repeatability error ± 0.001 inch (0.025 mm) maximum.	
PR14- General operation Control of the operations must be possible by numerical control and manually control by the operator.	
PR19- Durable & low maintenance components AC brushless digital servo motors (minimum 1.5 hp) for the X & Y axis -requiring no periodic maintenance -Rack and pinion gearboxes -with backlash less than 3 arcmin	
PR25- Control software Automatic generation of tool path including kerf compensation for in and out lead path and fast movement, the cutting speed adjustment for corners or diameter and automatic compensation for hole piercing;	

Note: No web links will be accepted. If you refer to a document please submit a paper copy .

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ANNEX “E” - ELECTRONIC PAYMENT INSTRUMENTS

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

- ☐ VISA Acquisition Card;
- ☐ MasterCard Acquisition Card;
- ☐ Direct Deposit (Domestic and International);
- ☐ Electronic Data Interchange (EDI);
- ☐ Wire Transfer (International Only);
- ☐ Large Value Transfer System (LVTS) (Over \$25M)