

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

Bid Receiving/Réception des soumissions

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# REQUEST FOR PROPOSAL

## DEMANDE DE PROPOSITION

Proposal to: Royal Canadian Mounted Police

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 : Gendarmerie royale du 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 appendices 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

LE PRÉSENT DOCUMENT COMPORTE UNE EXIGENCE EN MATIÈRE DE SÉCURITÉ

Title – Sujet Formlabs Fuse1+ 30W 3D Printer o equivalent.		or	<b>Dat</b> 202	e 3-03-22	
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On / le :	2023-04-21				
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Adresser	nquiries to – toute demande sys@rcmp-grc.g		nements	à	
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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

Date

Facsimile No. – No. de télécopieur

Telephone No. – No. de téléphone

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Signature

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#### **PART 1 - GENERAL INFORMATION**

#### 1.1 Security Requirements

- 1. Before any onsite work can begin, the following conditions must be met:
  - (a) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirements as indicated in Part 6 - Resulting Contract Clauses;
  - (b) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or 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 <u>Contract</u> <u>Security Program</u> of Public Works and Government Services Canada (http://www.tpsgcpwgsc.gc.ca/esc-src/introduction-eng.html) website. Please note, the above website is specific to PWGSC requirements and processes may differ from RCMP requirements.

#### 1.2 Statement of Requirement

The Requirement is detailed under Part 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. Recourse Mechanisms

If you have any concerns relating to the procurement process, please refer to the <u>Recourse</u> <u>Mechanisms</u> page on the Buyandsell.gc.ca website. Please note that there are strict deadlines for filing complaints with the Canadian International Trade Tribunal (CITT) or the <u>Office of the</u> <u>Procurement Ombudsman (OPO)</u>.

https://buyandsell.gc.ca/for-businesses/selling-to-the-government-of-canada/bid-follow-up/bidchallenge-and-recourse-mechanisms

http://opo-boa.gc.ca/plaintesurvol-complaintoverview-eng.html

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#### **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 <u>Standard Acquisition Clauses and Conditions Manual</u> (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this solicitation is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this solicitation, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

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 <u>2003 (2022-03-29) Standard Instructions - Goods or Services - Competitive Requirements</u>, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of <u>2003</u>, 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 to the Contracting Authority by the date, time and place indicated on page 1 of the bid solicitation.

NOTE: The RCMP has not been approved for bid submission by Canada Post Corporation (CPC) Connect service.

Bids transmitted by facsimile will not be accepted

#### 2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than <u>five (5)</u> 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

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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.

#### 2.5 Promotion of Direct Deposit Initiative

The following information is not related to the solicitation process:

An initiative within the Government of Canada called the Cheque Standardization Project has been established whereby eventually for all payments, cheque stubs will no longer be printed and, with few exceptions, will be processed via direct deposit. This option is only available when payment is made in Canadian dollars for deposit into a Canadian bank account. In an attempt to be proactive, RCMP Corporate Accounting is promoting the registration of RCMP suppliers for the upcoming change in the payment process.

If you are the successful Bidder on this or any other RCMP requirement, you are encouraged to register with the RCMP for direct deposit. Please contact RCMP Corporate Accounting by email to receive a form entitled *Recipient Electronic Payment Registration Request* along with instructions for completion of the form.

Should you have any questions regarding the Cheque Standardization Project or if you want to register, please contact the following email: <u>corporate\_accounting@rcmp-grc.gc.ca</u>



#### **PART 3 - BID PREPARATION INSTRUCTIONS**

#### 3.1 Bid Preparation Instructions

Canada requests that Bidders submit their bids in separately bound sections as follows:

Section I:	Technical Bid [1 soft copy]
Section II:	Financial Bid [1 soft copy]
Section III:	Certifications [1 soft 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 hard copy bid:

- a) prepare documents using Adobe PDF; and
- 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 <u>Policy on</u> <u>Green Procurement</u> (https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573). To assist Canada in reaching its objectives, Bidders should:

- 1. Include all environmental certification(s) relevant to your organization (e.g. ISO 14001, Leadership in Energy and Environmental Design (LEED), Carbon Disclosure Project, etc.)
- 2. Include all environmental certification(s) or Environmental Product Declaration(s) (EPD) specific to your product/service (e.g. Forest Stewardship Council (FSC), ENERGYSTAR, etc.)
- 3. Unless otherwise noted, Bidders are encouraged to submit bids electronically. If hard copies are required, Bidders should:
  - a. 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
  - b. 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.





#### 3.1.1 Equivalent Products

- 1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:
  - a) designates the brand name, model and/or part number of the substitute product;
  - b) states that the substitute product is fully interchangeable with the item specified;
  - c) provides complete specifications and descriptive literature for each substitute product;
  - d) provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
  - e) clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.
- 2. Products offered as equivalent in form, fit, function and quality will not be considered if:
  - f) the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
  - g) the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.
- 3. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation.

#### Section II: Financial Bid

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

#### 3.1.2 Exchange Rate Fluctuation

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

#### Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

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#### 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

#### 4.1.1.1 Mandatory Technical Criteria

Refer to Attachment 1 to Part 4.

#### 4.1.2 Financial Evaluation

For bid evaluation and contractor(s) selection purposes only, the evaluated price of a bid will be determined in accordance with the Annex B – Basis of Payment

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price-Bid

#### 4.2 Basis of Selection

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



#### ATTACHMENT 1 TO PART 4 – MANDATORY TECHNICAL CRITERIA

# NOTE: Bidders offering to supply the Formlabs FUSE 1+ 30W 3D Printer Package including the FUSE Sift 120V Printer and FUSE 1 Build Chamber 120V are not required to complete the below Mandatory Technical Criteria,

Bidders <u>not offering to</u> supply the Formlabs FUSE 1+ 30W 3D Printer Package including the FUSE Sift 120V Printer and FUSE 1 Build Chamber 120V, **must** address each Mandatory Technical Criteria listed below in order to demonstrate product equivalence.

The Bidder must provide <u>brochures</u>, <u>schematics</u>, <u>technical specifications</u>, <u>attestation from the original</u> <u>equipment manufacturer (OEM)</u>, <u>or other supporting documentation</u> that clearly demonstrates compliance with each of the mandatory criteria below. Links to websites will not be accepted.

The Bidder should reference the page number of the specification in their technical data sheets or literature to demonstrate and support product compliance for each of the Mandatory Technical Criteria.

The Bidder should provide as much detail as possible to support their comments and their claims of compliance for each specification.

**NOTE:** The Government of Canada is under NO obligation to seek clarification of the bid(s) or the supporting technical documentation provided. Failure to meet any of the following will render your proposal non-compliant and will be given no further consideration.

ltem	Mandatory Technical Criteria	Bidder to Reference Page Number / Comments	
	Overall Package Requirements	1	
M1	<b>Machine Dimensions:</b> Maximum of 75 in (x) x 30 in (y) x 70 in (z) (combined for any and all required equipment and accessories)		
M2	<b>Maximum Packaged Size:</b> Equipment must fit through door way 70 in (W) x 83 in (H) including all packaging and all equipment that is required to move the packaged equipment.		
М3	<b>Power Requirement:</b> Maximum of 20A at 120VAC per dedicated circuit. Maximum of 3 x 20A at 120VAC circuits available.		
M4	Maximum full build chamber weight (if required to be moved between machines by the end user): 40 lbs		
	SLS Thermo-Plastic 3D Printer		



M5	Minimum Part Size: 6 in (x) x 6 in (y) x 11 in (z) or greater. Part size shall be	
-	measured as having a rectangular cross section.	
M6	Other capabilities:	
	- Ability to start a new print while at least one other print is still cooling	
	(i.e. multiple build chambers, separate cooling area, etc.).	
	- Ability to print a partial build chamber in the z-axis.	
	- Ability and material capacity to be able to print a full build chamber	
	unattended.	
	- Ability to operate as a standalone machine, without the requirement for	
	a connection to the internet.	
M7	Minimum Material Options: Nylon 11, Nylon 12, Nylon 11 Carbon Filled,	
	Nylon 12 Glass Filled	
M8	Powder Refresh Rate: 30% or less (i.e. 30% new powder, 70% recycled or	
	reclaimed powder).	
M9	Startup time: Less than 60 minutes from "cold" or standby state.	
M10	Layer Thickness (z axis): .005 in or less.	
M11	Minimum pin feature size : .035 in diameter or less.	
M12	Minimum hole diameter: .050 in diameter or less.	
M13	Minimum vertical and horizontal wall thickness, including both supported	
	and unsupported: .035 in or less.	
M14	Build speed: 0.30 in (z-axis) per hour or greater, measured at 20% packing	
	density, 6"x6" build chamber dimensions in x-y.	
M15	Power Supply: Maximum 20A, 120VAC.	
M16	Gases Used: Nitrogen.	
	- The use of gas must be optional.	
	- The printer and accessories must still be operable if there is no gas	
	available.	
M17	Connection options: USB and Ethernet connections are required. If there are	
	any wireless connection options (i.e. Wi-Fi, cellular, etc.), end user must be	
	able to disable any wireless communication options. Must allow standalone	
	operation without a connection to the internet.	
M18	Software:	
	- Must include all software required to setup and configure the machine,	
	importing and "slicing" 3D CAD files, as well as managing the machine	
	including managing any job queues, and observing the status of the	
	machine and the current print job.	
	- Software must be available to slice or program future print jobs while	
	the printer is in operation.	
	- Software and firmware must be available for download and update	
	without connecting the 3D printer or accessories directly to the internet.	
	Downloading must be possible on a separate computer and the files	
1440	must be transferrable by USB.	
M19	CAD File compatibility: Software must be able to process 3D CAD files in the	
	Stereolithography (.stl) format, and .obj format.	
M20	Minimum Replacement Part availability, Support and Service Life: 7 years	
	or greater.	





	Automated or Semi-Automated Post Processing System	
M21	Volume of build chamber to be processed: Must be able to process a	
	minimum of 6 in (x) x 6 in (y) x 11 in (z) build chamber, or greater.	
M22	Core Capabilities (built in or separate machines/accessories):	
	<ul> <li>Automated or Semi-automated cleaning system with HEPA rated (or</li> </ul>	
	better) air filtration system when working with loose powder.	
	<ul> <li>Automated or Semi-automated powder recovery system.</li> </ul>	
	<ul> <li>Automated or Semi-automated powder canister loading incorporating</li> </ul>	
	recovered powder.	
M23	Other capabilities: Ability to operate while another build chamber is being	
	printed. Ability to serve as a part or full cooling chamber/rack for a printed build	
	chamber.	
M24	Minimum Material Options: Nylon 11, Nylon 12, Nylon 11 Carbon Filled,	
	Nylon 12 Glass Filled	
M25	Unfused Powder Recovery Rate: 50% or greater.	
M26	Powder Reuse Rate: 70% or greater (i.e. max. 30% new powder required for	
	normal operation).	
M27	Built in Air Filtration System: Must utilize replaceable HEPA filters. Powder	
	recovery and cleaning station must include a suitable explosion proof vacuum	
	system with built in and replaceable HEPA filters.	
M28	Power Supply: Maximum 20A, 120VAC .	
M29	Connection options: USB and Ethernet connections are required. If there are	
	any wireless connection options (i.e. Wi-Fi, cellular, etc.), client must be able to	
	disable any wireless communication options. Or wireless must be able to be	
	disabled. Must allow standalone operation without a connection to the internet.	
	Software and firmware must be available for download and update without	
	connecting the 3D printer or accessories directly to the internet Download	
	should be done on a separate computer and the files should be transferred by	
	USB.	
M30	Minimum Replacement Part availability, Support and Service Life: 7 years	
	or greater.	



#### 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 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 specified will render the bid non-responsive.

#### 5.1.1 Integrity Provisions

In accordance with the section titled Information to be provided when bidding, contracting, or entering into a real property agreement subject to the <u>Ineligibility and Suspension Policy</u> (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:

- Declaration of Convicted Offences Integrity Declaration Form (as applicable)
- Required Documentation (List of names for integrity verification form)

Please see the <u>Forms for the Integrity Regime</u> website for further details (http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaires-forms-eng.html).

#### 5.1.2 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 <u>Employment and Social Development Canada (ESDC) – Labour's</u> 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 "<u>FCP Limited Eligibility to Bid</u>" list at the time of contract award.

#### 5.1.3 Additional Certifications Precedent to Contract Award

#### 5.1.3.1 Independent Bid Determination

The attached Certificate of Independent Bid Determination (attached Attachment 1 to Part 5) has been developed by the federal Competition Bureau for use by the Contacting Authority when calling for bids, tenders or quotations. The intention of this documentation is to deter bid-rigging by requiring Bidders to disclose, to the Contracting Authority, all material facts about any communications and arrangements which the Bidder has entered into with competitors regarding the call for tenders.



#### Attachment 1 to PART 5 CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid or tender (hereinafter "bid") to:

(Corporate Name of Recipient of this Submission)

for: \_

(Name and Number of Bid and Project)

in response to the call or request (hereinafter "call") for bids made by:

(Name of Tendering Authority)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_

that:

(Corporate Name of Bidder or Tenderer [hereinafter "Bidder"])

- 1. I have read and I understand the contents of this Certificate;
- 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am authorized by the Bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the Bidder;
- 4. each person whose signature appears on the accompanying bid has been authorized by the Bidder to determine the terms of, and to sign, the bid, on behalf of the Bidder;
- 5. for the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the Bidder, whether or not affiliated with the Bidder, who:
  - a. has been requested to submit a bid in response to this call for bids;
  - b. could potentially submit a bid in response to this call for bids, based on their qualifications, abilities or experience;
- 6. the Bidder discloses that (check one of the following, as applicable):





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- a. the Bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with, any competitor;
- b. the Bidder has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this call for bids, and the Bidder discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;
- 7. in particular, without limiting the generality of paragraphs (6)(a) or (6)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - a. prices;
  - b. methods, factors or formulas used to calculate prices;
  - c. the intention or decision to submit, or not to submit, a bid; or
  - d. the submission of a bid which does not meet the specifications of the call for bids;

except as specifically disclosed pursuant to paragraph (6)(b) above;

- in addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the products or services to which this call for bids relates, except as specifically authorized by the Tendering Authority or as specifically disclosed pursuant to paragraph (6)(b) above;
- 9. the terms of the accompanying bid have not been, and will not be, knowingly disclosed by the Bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening, or of the awarding of the contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (6)(b) above.

(Printed Name and Signature of Authorized Agent of Bidder)

(Position Title)

(Date)



#### 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 at Annex C apply and form part of the Contract.

6.1.1.1 The Contractor's resource(s) are required to be security cleared at the level of **RCMP Facility Access Level 2 – FA2 with escort** as verified by the Personnel Security Unit (PSU) of the Royal Canadian Mounted Police (RCMP).

6.1.1.2 The Contractor's resource(s) SHALL NOT remove or make copies of any DESIGNATED or CLASSIFIED information or assets from the identified work site(s).

#### 6.2 Statement of Requirement

The Contractor must provide the items in accordance with the Statement of Requirement at Annex A.

#### 6.2.1 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex A - Statement of Requirement 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 at any time before the expiry of the Contract by sending a written notice to the Contractor.

#### 6.3 Standard Clauses and Conditions

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

Revision to Departmental Name: As this contract is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this contract, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

#### 6.3.1 General Conditions

<u>2010A (2022-12-01), General Conditions - Goods (Medium Complexity)</u>, apply to and form part of the Contract.

#### 6.3.2 Supplemental General Conditions





#### 4013 (2022-06-20), Compliance with on-site measures, standing orders, policies, and rules

4014 (2022-06-20), Suspension of the work

#### 6.4 Term of Contract

#### 6.4.1 Period of the Contract

The period of the Contract is from date of Contract to 2024-06-30 inclusive.

#### 6.4.2 Delivery Date

All the deliverables must be received on or before 2023-06-30.

#### 6.4.3 Optional Goods

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both 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 at any time before the expiry of the Contract by sending a written notice to the Contractor.

#### 6.4.4 Delivery Points

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

#### 6.4.5 Shipping Instructions – Free on Board Destination and Delivered Duty Paid

Goods must be consigned and delivered to the destination specified in the contract: Incoterms 2010 "DDP Delivered Duty Paid" Ottawa, Ontario.

#### 6.4.6 Inspection and Acceptance

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

#### 6.5 Authorities

#### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:





Royal Canadian Gendarmerie royale Mounted Police du Canada Solicitation No. – Nº de l'invitation : 202204041/A

Name: David Repsys Title: Procurement Specialist Organization: Royal Canadian Mounted Police Directorate: Procurement and Contracting Address: 73 Leikin Dr, M1, 4th Floor, Mailstop #1, Ottawa, ON

Telephone: 343-575-5298 E-mail address: <u>David.Repsys@rcmp-grc.gc.ca</u>

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

(To be inserted at time of Contract award).

The Technical 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 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

(To be inserted at time of Contract award).

#### 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 based on unit prices as specified in Annex B – Basis of Payment.

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 Expenditure

 Canada's total liability to the Contractor under the Contract must not exceed \$ <u>(To be</u> <u>inserted at time of Contract Award</u>). Customs duties are included and Applicable Taxes are extra.





Royal Canadian Gendarmerie royale Mounted Police du Canada

- 2. No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
  - a. when it is 75% committed, or
  - b. four months before the contract expiry date, or
  - c. as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,

whichever comes first.

3. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

#### 6.6.3 Method of Payment

SACC Manual clause 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.
- 2. Invoices must be distributed as follows:
  - a) a) One (1) copy must be forwarded to the Technical Authority identified under the section entitled "Authorities" 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;

#### 6.8 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 Ontario, Canada.

#### 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; the supplemental general conditions <u>4013 (2022-06-20)</u>, <u>Compliance with on-site measures</u>, <u>standing orders</u>, <u>policies</u>, <u>and rules</u>, <u>4014 (2022-06-20)</u>, <u>Suspension of the work</u>
- b. the general conditions <u>2010A (2022-12-01)</u>, <u>General Conditions Goods (Medium</u> <u>Complexity</u>);
- c. Annex A, Statement of Requirement;
- d. Annex B, Basis of Payment;
- e. Annex C, Security Requirements Check List;
- f. the Contractor's bid dated: \_\_\_\_\_.

#### 6.11. Procurement Ombudsman

#### 6.11.1 Dispute Resolution

The Parties agree to make every reasonable effort, in good faith, to settle amicably all disputes or claims relating to the Contract, through negotiations between the Parties' representatives authorized to settle. If the Parties do not reach a settlement within 25 working days after the dispute was initially raised to the other party in writing, either Party may contact the Office of the Procurement Ombudsman (OPO) to request dispute resolution/mediation services. OPO may be contacted by e-mail at boa.opo@boa-opo.gc.ca, by telephone at 1-866-734-5169, or by web at www.opo-boa.gc.ca. For more information on OPO's services, please see the Procurement Ombudsman Regulations or visit the OPO website.

#### 6.11.2 Contract Administration

The parties understand that the Procurement Ombudsman appointed pursuant to Subsection 22.1(1) of the *Department of Public Works and Government Services Act* will review a complaint filed by the complainant respecting administration of this contract if the requirements of Subsection 22.2(1) of the *Department of Public Works and Government Services Act* and Sections 15 and 16 of the *Procurement Ombudsman Regulations* have been met.

To file a complaint, the Office of the Procurement Ombudsman may be contacted by e-mail at boa.opo@boa-opo.gc.ca, by telephone at 1-866-734-5169, or by web at <u>www.opo-boa.gc.ca</u>.

#### 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 Page 21 of - de 45





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 Electrical Equipment

All electrical equipment supplied under the Contract must be certified or approved for use in accordance with the Canadian Electrical Code, Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada.

#### 6.14 Excess Goods

The quantity of goods to be delivered by the Contractor is specified in the Contract. The Contractor remains liable for any shipment in excess of that quantity whether the excess quantity is shipped voluntarily or as a result of an error by the Contractor. Canada will not make any payment to the Contractor for goods shipped in excess of the specified quantity. Canada will not return the said goods to the Contractor unless the Contractor agrees to pay for all the costs related to the return, including but not limited to administrative, shipping and handling costs. Canada will have the right to deduct such costs from any invoice submitted by the Contractor.

#### 6.15 Condition of Material

The Contractor must provide material that is new production of current manufacture supplied by the principal manufacturer or its accredited agent. The material must conform to the latest issue of the applicable drawing, specification and part number, as applicable, that was in effect on the bid closing date.



#### ANNEX A – STATEMENT OF REQUIREMENT

#### 1. TITLE

**1.1** Powder-Based Thermoplastic Selective Laser Sintering (SLS) Formlabs Fuse1+ 30W 3D Printer and accessories (or equivalent), including supply, installation, training and maintenance package.

#### 2. BACKGROUND

2.1 The Royal Canadian Mounted Police (RCMP) currently uses traditional manufacturing equipment and techniques including Fused Deposition Modeling (FDM) 3D printing for prototyping and manufacturing end use parts. This limits the design potential for more complex requirements, parts and assemblies. It is the RCMP's intent to increase its current manufacturing capabilities by adding Selective Laser Sintering (SLS) equipment and techniques. This will provide the RCMP with increased design and manufacturing options, and reducing the production time required for producing more complex prototypes and end use parts.

#### 3. ACRONYMS

А	Amp
AM	Additive Manufacturing
С	Celsius
CSA	Canadian Standards Association
In	Inch
Lbs	Pounds
NATO	North Atlantic Treaty Organization
ТА	Technical Authority
PBF	Powder Based Fusion
RCMP	Royal Canadian Mounted Police
Kg	Kilogram
MDS	Material Data Sheet
Μ	Meter
Mm	Millimeter
Mm/s	Millimeter per Second
SLS	Selective Laser Sintering
V	Volt
W	Watt
WXDXH	WidthXDepthXHeight
Х	X-axis is the width when facing front of the machine
Y	Y-axis is the depth when facing the front of the machine
Z	Z-axis is the height of the machine

#### 4. APPLICABLE DOCUMENTS & REFERENCES

None

# Canadä



#### 5. REQUIREMENTS

Requirement is for a Formlabs Form1+ 30W package including the printer, Fuse Sift 120V, and required pre and post processing accessories, or equivalent.

Requirements 5.1 & 5.2 may be provided in a single unit or as separate machines and/or accessories.

Specifications	Description
Machine Dimensions	Maximum of 75 in (x) x 30 in (y) x 70 in (z) (combined for any
	and all required equipment and accessories)
Maximum packaged size	Equipment must fit through door way 70 in (W) x 83 in (H)
	including all packaging and all equipment that is required to
	move the packaged equipment.
Power Requirement	Each machine and accessory must be able to require a
	maximum of 20A at 120VAC dedicated circuit.
	Maximum of 2 x 20A at 120VAC circuits available.
Maximum full build chamber	40 lbs
weight (if required to be moved	
between machines by client)	

### 5.1 SLS Thermo-plastic 3D Printer

#### **Required Quantity: 1**

Requirement: Formlabs Form1+ 30W or equivalent.

The Contractor must provide the requirement with the following specifications:

Specifications	Description
Minimum part size	Minimum of 6 in (x) x 6 in (y) x 11 in (z) or greater.
	Part size shall be measured as having a rectangular cross
	section
Other capabilities	Ability to start a new print while at least one other print is still
	cooling (i.e. multiple build chambers, separate cooling area, etc.)
	Ability to print a partial build chamber in the z-axis
	Ability and material capacity to be able to print a full build
	chamber unattended
	Ability to operate as a standalone machine, without the
	requirement for a connection to the internet
Minimum Material Options	Nylon 11, Nylon 12, Nylon 11 Carbon Filled, Nylon 12 Glass
	Filled
Powder Refresh Rate	30% or less (i.e. 30% new powder, 70% recycled or reclaimed
	powder)_
Startup time	Less than 60 minutes from "cold" or standby state
Layer Thickness (z axis)	.005 in or less
Minimum pin feature size	.035 in diameter or less

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Minimum hole diameter	.050 in diameter or less
Minimum vertical and horizontal wall thickness, including both supported and unsupported	.035 in or less
Build speed	0.30 in (z-axis) per hour or greater, measured at 20% packing density, 6"x6" build chamber dimensions in x-y.
Power Supply	Maximum 20A, 120VAC
Gases Used	Nitrogen. Gas option must be available but not required. Printer and accessories must still be operable if there is no inert gas available.
Connection options	USB and Ethernet connections are required. If there are any wireless connection options (i.e. Wi-Fi, cellular, etc.), client must be able to disable any wireless communication options. Or wireless must be able to be disabled. Must allow standalone operation without a connection to the internet.
	Must include all software required to setup and configure the machine, importing and "slicing" 3D CAD files, as well as managing the machine including managing any job queues, and observing the status of the machine and the current print job.
	Software must be available to slice or program future print jobs while the printer is in operation
	Software and firmware must be available for download and update without connecting the 3D printer or accessories directly to the internet. Download should be done on a separate computer and the files should be transferred by USB.
	Software must be able to process 3D CAD files in the Stereolithography (.stl) format, and.obj.
Minimum Replacement Part availability, Support and Service Life	7 years or greater



#### 5.2 Automated or Semi-Automated Post Processing System Required Quantity: 1

Requirement is for a Formlabs Sift 120V or equivalent.

The Contractor must provide the requirement with the following specifications:

Specifications	Description	
Volume of build chamber to be	Must be able to process a minimum of 6 in (x) x 6 in (y) x 11 in	
processed	(z) build chamber, or greater.	
Core Capabilities – built in or	Automated or Semi-automated cleaning system with HEPA rated	
separate machines/accessories	(or better) air filtration system when working with loose powder	
	Automated or Semi-automated powder recovery system	
	Automated or Semi-automated powder canister loading	
	incorporating recovered powder	
Other capabilities	Ability to operate while another build chamber is being printed	
	Ability to serve as a part or full cooling chamber/rack for a	
	printed build chamber.	
Minimum Material Options	Nylon 11, Nylon 12, Nylon 11 Carbon Filled, Nylon 12 Glass	
	Filled	
Unfused Powder Recovery Rate	50% or greater	
Powder Reuse Rate	70% or greater (i.e. max. 30% new powder required for normal	
	operation)	
Built in Air Filtration	Must utilize replaceable HEPA filters.	
System	Powder recovery and cleaning station must include a suitable	
	explosion proof vacuum system with built in and replaceable	
	HEPA filters.	
Power Supply	Maximum 20A, 120VAC	
Connection options	USB and Ethernet connections are required.	
	If there are any wireless connection options (i.e. Wi-Fi, cellular,	
	etc.), client must be able to disable any wireless communication	
	options. Or wireless must be able to be disabled. Must allow	
	standalone operation without a connection to the internet.	
	Software and firmware must be available for download and	
	update without connecting the 3D printer or accessories directly to	
	the internet Download should be done on a separate computer	
	and the files should be transferred by USB.	
•	7 years or greater	
availability, Support and Service		
Life		



#### 5.3 Required Accessories

The Contractor must provide the following accessories which comply with the specifications of the system delivered under Section 5.1 and 5.2.

ltem	Description	Required Quantity
5.3.1	Additional Build Chamber	1
5.3.2	All replacement parts (i.e. filters, recommended replacement parts and machine consumables within recommended within the Preventative Maintenance Plan for 1 year or within 2000 hours of use.	1 set
5.3.3	Nylon 12	18 kg

#### 5.4 [OPTIONAL] Accessories

RCMP may choose to order the following goods and services through a future contract amendment.

Item	Description	Quantity
5.4.1	Additional Build Chamber	1
5.4.2	Nitrogen Generator suitable for 24 hour operation of supplied equipment.	1
5.3.3	Industrial Vacuum 110V Model: VC-FS-110V-01 or equivalent	1

#### 5.5 Required Service

The Contractor must provide the following services which comply with the specifications of thesystem delivered under Section 5.1, 5.2 and 5.3.

Item	Description	Required Quantity
5.5.1	Installation of the machine including any and all required accessories	1
5.5.2	Warranty for the machine and all accessories, including the cost of parts, labour and travel.	1 year
5.5.3	Onsite in person training on the operation of the machine, software and all accessories	Up to 4 people
5.5.4	Preventative Maintenance Plan.	1 year



#### 5.6 [OPTIONAL] Service

RCMP may choose to order the following goods and services through a future contract amendment.

ltem	Description	Required Quantity
5.6.3	Preventative Maintenance Plan	2 additional years

#### 5.7 Technical Data

#### 5.7.1 Technical Data Requirements

5.7.1.1 The Contractor must provide complete Technical Manuals covering: machine operation, user maintenance, calibration instructions and troubleshooting. All must be provided in an electronic format.

5.7.1.2 The Contractor must provide a USB drive, or access and instructions to obtain, software and firmware recovery utilities.

5.7.1.3 The contractor must provide MSDS or MDS for all materials that require MSDS or MDS to meet federal health and safety regulations in Ottawa, ON, Canada. MSDS or MDS shall be provided in electronic format.

#### 5.7.3 Technical Data Constraints

5.7.3.1 PDF is the preferred format for the electronic copy of the technical manuals. A support website that is print friendly and able to be saved as a static copy of the website. If a website that is print friendly is not available, the technical manuals shall be provided as a .pdf by e-mail to the TA or on a USB key.

5.7.3.2 The technical manuals must be able to be opened, read and used on a computer that is not connected to the internet.

#### 5.8 Installation (ref. 5.5.1)

#### 5.8.1 Installation Requirements

5.8.1.1 The Contractor must install the machine and all accessories at the delivery location. The Contractor must also ensure that the machine runs to normal operational standards. The Contractor must complete a successful print to confirm and finalize the installation.



#### 5.8.2 Installation Constraints

5.8.2.1 Installation must be done within 30 calendar days after all of the equipment has been received and the site has been confirmed as being ready by the TA.

5.8.2.2 The Contractor must bring all tools and supplies that are required for the installation and startup of the 3D Printer and accessories, and remove these tools and supplies once the installation is complete. All components and installation must meet Canadian Standards Association (CSA) codes.

5.8.2.3 The installation must be performed by qualified personnel with a valid RCMP FACILITY ACCESS II (FA2) with escort Clearance.

5.8.2.4 The scheduled installation date(s) must be agreed upon by the Contractor and the TA at least fourteen (14) calendar days prior to installation

5.8.2.5 The Contractor must provide a minimum of five (5) business days' notice to the TA before attending the site, unless agreed upon by Technical Authority.

5.8.2.6 The use of Subcontractors or persons not employed by the Contractor must be approved by the Technical Authority at least 14 calendar days prior to the work being done. The Contractor shall be responsible for the work done by the subcontractor, and ensuring that the subcontractors meet the terms of this contract. All personnel must possess a valid RCMP FACILITY ACCESS II (FA2) Clearance prior to the commencement of work.

5.8.2.7 Installation must be done by manufacturer trained or certified personnel.

5.8.2.8 The Contractor must remove and dispose of all packaging material.

#### 5.9 Training (ref. 5.5.3)

#### 5.9.1 Training Requirements

5.9.1.1 User operation and maintenance training for the machine and all purchased accessories is required for up to four (4) RCMP selected individuals.

#### 5.9.2 Training Deliverables

5.9.2.1 The Contractor must provide on-site training on the general operation and basic maintenance of the 3D printer and all provided accessories for up to four (4) RCMP selected individuals.

5.9.2.2 The training must include basic operation of the equipment, calibration instructions, minor troubleshooting and the health and safety considerations for operating this equipment.

5.9.2.3 The Health and Safety portion of the training must meet the local health and safety code and regulation requirements.

5.9.2.4 The Contractor must review operation manuals with the individuals and demonstrate the proper and safe operation of the equipment and accessories, including working through a full printing and post processing workflow. Sample parts for each stage of the workflow may be used for the workflow training, in order to save the time to print and cool the parts.

#### 5.9.3 Training Constraints

5.9.3.1 Training must be completed at the time of installation or within 10 business days after the installation has been completed.

5.9.3.2 The training date(s) must be agreed upon at least 14 calendar days prior to the scheduled training by the Contractor and the TA before the training is scheduled.

5.9.3.3 The training must occur at the delivery location, between the hours of 08:00 and 16:00 EST, Monday through Friday, not including statutory holidays observed by the RCMP.

5.9.3.4 All tools required to complete the training are to be provided by the Contractor.

5.9.3.5 A minimum of five (5) business days' notice is required to be provided to the TA before attending the site at all times, unless otherwise agreed to by the TA.

5.9.3.6 The training must be performed by qualified technician(s) with a valid RCMP FACILITY ACCESS II (FA2) with escort Clearance.

5.9.3.7 The use of subcontractors or persons not employed by the Contractor must be approved by the Technical Authority at least fourteen (14) calendar days prior to the work being done. The Contractor shall be responsible for the work done by the subcontractor, and ensuring that the subcontractors meet the terms of this contract. All personnel must possess a valid RCMP FACILITY ACCESS II (FA2) Clearance prior to the commencement of work.

5.9.3.8 Training must be done by manufacturer trained or certified technicians.



#### 5.10 Warranty and Preventative Maintenance Plan (ref. 5.5.2, 5.5.4. 5.6.3)

#### 5.10.1 Warranty and Preventative Maintenance Plan Requirements

5.10.1.1 A one (1) year warranty including the cost of parts and labor is required. The warranty period must start after the installation and training has been completed.

5.10.1.2 A one (1) year preventative maintenance plan must be provided to provide annual onsite preventative maintenance service, coverage for parts and labour for replacing defective or worn parts, and remote support services.

5.10.1.3 The RCMP reserves the right to purchase two (2) additional one (1) year periods of the preventative maintenance plan.

5.10.1.4. The preventative maintenance plan period must commence once the training has been completed.

#### 5.10.2 Warranty and Preventative Maintenance Plan Deliverables

5.10.2.1 The Preventative Maintenance Plan must include at least one (1) annual onsite preventative maintenance service. This service includes the verification and replacement of any parts that needs to be replaced in 1 year or less and any parts that need to be replaced in 2000 hours of use or less.

5.10.2.2 The Preventative Maintenance Plan must include coverage for both the parts and labour for the service, and coverage for all parts and labour required to replace parts that are identified during the preventative maintenance service that were not replaced or serviced during the annual onsite visit, including if this requires any subsequent onsite visits.

5.10.2.3 The Preventative Maintenance Plan must include technical phone and e-mail support services during core business hours (8AM – 4PM EST/EDT), not including statutory holidays as well as unlimited software and firmware updates and the cost of parts and labour for any hardware replacement or updates due to recalls.

#### 5.10.3 Constraints

5.10.3.1 Technical support e-mails or calls must be responded to within 24 hours, from Monday to Friday, not including statutory holidays.

5.10.3.2 Repairs, maintenance and updates must be able to be performed without connecting the 3D printer, accessories or computers to the internet.

5.10.3.3 The initial onsite visit to address a technical support issues that have resulted in the machine being inoperable and requiring an onsite visit to assess or repair must be done within five (5) business days of reporting the issue.

5.10.3.4 The initial onsite visit to address a technical support issues where the machine is still operable and requiring an onsite visit to assess or repair must be done within ten (10) business days of reporting the issue.

5.10.3.5 All onsite work must be done by workers with a valid RCMP FACILITY ACCESS II (FA2) with escort Clearance. It is required to have at least two (2) technicians with valid security clearances at all times. Security clearances can be requested for up to four (4) technicians.

The use of subcontractors or persons not employed by the Contractor must be approved by the Technical Authority at least fourteen (14) calendar days prior to the work being done. The Contractor shall be responsible for the work done by the subcontractor, and ensuring that the subcontractors meet the terms of this contract. All personnel must possess a valid RCMP FACILITY ACCESS II (FA2) Clearance prior to the commencement of work.

All onsite work must be completed between 8AM and 4PM EST/EDT, Monday to Friday, not including statutory holidays observed by the RCMP.

#### 6. LANGUAGE OF WORK

The language of all work and deliverables must be in English.

#### 7. DELIVERY AND WORK LOCATION

Royal Canadian Mounted Police – Technical Operations 1426 St Joseph Blvd Ottawa, Ontario K1A 0R2 CANADA

#### 8. TRAVEL

The Contractor must cover any travel costs associated with the installation of the machine, to provide the required onsite training, maintenance and any required onsite meetings (such as site visit before the installation, etc.)



#### 9. MEETINGS

Up to two (2) site visits may be included before the installation. A minimum of 5 business days' notice is required before scheduling a site visit.



#### ANNEX B – BASIS OF PAYMENT

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices as specified below for a cost of \$ \_\_\_\_\_\_ insert the amount at contract award). Customs duties are included and Applicable Taxes are extra.

Goods must be consigned and delivered to the destination specified in the contract: Incoterms 2010 "DDP Delivered Duty Paid" Ottawa, Ontario.

#### FOR EVALUATION PURPOSES ONLY

The Bidder must provide their firm, all-inclusive\* unit prices (excluding taxes) in the applicable tables below (column B) and complete the extended price calculation (column C). The Bidder must provide separately the applicable provincial tax rate. Failure to complete the table in full will result in the bid being deemed non-responsive and given no further consideration.

The total evaluated price: (C1 or C2)+C3+C4 (taxes not included)

#### SECTION 1 - FIRM REQUIREMENTS AND ACCESSORIES

Bidders offering the Powder-Based Thermoplastic Selective Laser Sintering (SLS) Formlabs Fuse1+ 30W 3D Printer must complete Table 1(a). Bidders offering an equivalent product must complete Table 1(b). Bidders must only complete one (1) table in Section 1.

# TABLE 1(a) - Powder-Based Thermoplastic Selective Laser Sintering (SLS) Formlabs Fuse1+ 30W3D Printer

Annex A	Description of the Deliverable	Unit	Quantity	Unit Price	Extended
ltem		of	(A)	(B)	Total
		Issue			(C=A x B)
	FUSE 1+ 30W 3D Printer Package				
5.1	Includes: 1 x Fuse 1+ 30W Printer 120V 1 x Cleaning Kit 1 x Build Chamber 120V 1 x Printer Stand	EACH	1		
5.2	Fuse Sift 102V	EACH	1		
5.3.1	Additional Build Chamber 120V	EACH	1		
5.3.2	All replacement parts	SET	1		
5.3.3	Nylon 12	KG	18		
5.1, 5.2,					
5.3.1, 5.3.2	Shipping and Handling	EACH	1		



5.3.3						
	(C1)					
Taxes						
				Total		

#### TABLE 1(b) – Equivalent Product

Annex A Item	Description of the Deliverable	Unit of Issue	Quantity (A)	Unit Price (B)	Extended Total (C=A x B)		
5.1	Name(s): Model Number(s):	EACH	1				
5.2	Name(s): Model Number(s):	EACH	1				
5.3.1	Name: Model Number:	EACH	1				
5.3.2	All replacement parts	SET	1				
5.3.3	Nylon 12	KG	18				
5.1, 5.2, 5.3.1, 5.3.2 5.3.3	Shipping and Handling	EACH	1				
		Total	for evaluat	ion purposes Taxes	(C2)		

#### SECTION 2 – REQUIRED SERVICE

Bidders must complete the table below in full. Bidders must submit firm unit prices for each of the firm requirements to be given further consideration. Taxes must be added on the row provided. A financial bid addressing only a portion of this section will be declared non-responsive



## TABLE 2(a)

Annex A Item	Description of the Deliverable	Unit of Issue	Quantity (A)	Unit Price (B)	Extended Total (C=A x B)
5.5.1	Installation of the machine including any and all required accessories and travel.	EACH	1		
5.5.2	Warranty for the machine and all accessories, including the cost of parts, labour and travel.	YEAR	1		
5.5.3	Onsite in-person training on the operation of the machine, software and all accessories, including travel	PER PERSON	Up to 4		
5.5.4	Preventative Maintenance Plan – Year #1	YEAR	1		
	I	Total	for evaluat	ion purposes Taxes	(C3)
				Total	



#### SECTION 3 – OPTIONAL GOODS AND SERVICES

Bidders must complete the table below in full. Bidders must submit firm unit prices for each of the firm requirements to be given further consideration. Taxes myst be added on the row provided. A financial bid addressing only a portion of this section will be declared non-responsive

The RCMP may choose to order the following goods and services through a future contract amendment.

Annex A Item	Description of the Deliverable	Unit of Issue	Quantity (A)	Unit Price (B)	Extended Total (C=AxB)
5.4.1	Additional Build Chamber		1		
	Model Number:				
5.4.2	Nitrogen Generator	EACH	1		
	Name: Model Number:				
5.4.3	Industrial Vacuum 110V	EACH	1		
	Name: Model Number:				
5.6.3	Preventative Maintenance Plan – Year #2	YEAR	1		
5.6.3	Preventative Maintenance Plan – Year #3	YEAR	1		
		Тс	otal for evalua	tion purposes	(C4)
				Taxes Total	



## ANNEX C - SECURITY REQUIREMENTS CHECK LIST (SRCL) & SECURITY GUIDE

			_			SRCL101917				
	uvernement Canada				Contra	act Number / Numéro du c 202204041	ontrat			
						y Classification / Classification de sécurité				
				-	-	classified / non-classif				
				CUECKI						
		ECURITY REQ CATION DES E				ÉCURITÉ (LVERS)				
PART A - CONTRACT INFO	RMATION / PARTIE A	A - INFORMATIO	N CONTRACT	TUELLE						
<ol> <li>Originating Government D Ministère ou organisme go</li> </ol>	epartment or Organiza	ation			2. Brand	h or Directorate / Direction	générale ou Direction	n		
RCMP					NHQ/SF	PS/TECH OPS/TIS				
3. a) Subcontract Number /	Numéro du contrat de	sous-traitance	3. b) Name	and Addres	s of Subco	ntractor / Nom et adresse	du sous-traitant			
TBD			TBD							
4. Brief Description of Work -	Breve description du f	travail								
Onsite installation, training			and renairs	of a new	standalor	a 3D printer, not conne	cted to any RCMP			
networks.	g, annuar preventau	ve maintenario	e, and repairs	oranew	standalor	le ob printer, not conne	cied to any room			
5. a) Will the supplier require	e access to Controlled	Goods?					Non 0	Yes		
Le fournisseur aura-t-il				to the next	isions of th	a Technical Data Control				
<ol><li>b) Will the supplier require Regulations?</li></ol>								Yes Oui		
Le fournisseur aura-t-il Règlement sur le contr	ole des données techr	niques?	es non classi	nees qui so	nic assujett	es aux dispositions du				
6. Indicate the type of access	s required - Indiquer le	type d'accès req	uis							
<ol> <li>a) Will the supplier and its Le fournisseur ainsi qui</li> </ol>	s employees require ac	coess to PROTEC	TED and/or C	LASSIFIED	informatio	n or assets?		Yes		
(Specify the level of ac (Préciser le niveau d'ac	coess using the chart in coes en utilisant le tabl	a Question 7. c) leau qui se trouve	à la question	7.c)			? 🗹 Non 🗋 (	Oui		
<ol> <li>b) Will the supplier and its No access to PROTEC Le fournisseur et ses e L'accès à des renseign</li> </ol>	s employees (e.g. clear TED and/or CLASSIE	ners, maintenano	e personnel) n r assets is per	equire acces	ss to restri	cted access areas?	No Non	Yes		
Le fournisseur et ses e L'accès à des renseign	employes (p.ex. nettoye	eurs, personnel d' s PROTÉGÉS et/	entretien) auro	nt-ils accès	à des zon	es d'accès restreintes?		oui		
<ol><li>c) Is this a commercial co</li></ol>	purier or delivery requir	ement with no ov	ernight storag	e?				Yes		
S'agit-il d'un contrat de						untion august la fauraissau	Non L	Oui		
7. a) Indicate the type of info Canada	ormation that the suppl	1	O / OTAN	naiquer le ty	ype a intorr		[			
7. b) Release restrictions / R	Castrictions relativos à		OTOTAN			Foreign / Étrange				
No release restrictions		All NATO count	rios			No release restrictions	_			
Aucune restriction relative à la diffusion		Tous les pays d	e l'OTAN			Aucune restriction relative à la diffusion				
Not releasable										
A ne pas diffuser				_			_			
Restricted to: / Limité à :	$\Box$	Restricted to: / I	Limité à :			Restricted to: / Limité à :				
Specify country(ies): / Précise	er le(s) pays :	Specify country	(ies): / Précise	r le(s) pays		Specify country(ies): / Pré	ciser le(s) pays :			
7. c) Level of information / N	liveau d'information									
PROTECTED A PROTÉGÉ A		NATO UNCLAS	SIFIED			PROTECTED A PROTEGE A				
PROTECTED B PROTEGE B		NATO RESTRINATO DIFFUSI			ľ	PROTECTED B PROTEGE B				
PROTECTED C	늼	NATO CONFID	ENTIAL			PROTECTED C	H			
PROTÉGÉ C CONFIDENTIAL	늼	NATO CONFID NATO SECRET		- 님	-	PROTÉGÉ C CONFIDENTIAL	⊢⊢			
CONFIDENTIEL	IFIDENTIEL LI CONFIDENTIEL LI									
SECRET COSMIC TOP SECRET SECRET										
TOP SECRET TOP SECRET TRÈS SECRET										
TOP SECRET (SIGINT)										
TRÈS SECRET (SIGINT)						TRÈS SECRET (SIGINT)				
			-							
			Classification			surité	Const	16		
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TBS/SCT 350-103 (2004/12)

SRCL101917

Government of Canada	Gouvernement du Canada	Numéro du contrat 4041			
			Security Classification	/ Classification de sécurité	
			Unclassified	/ non-classifiée	
PART A (continued) /	PARTIE A (suite)				
8. Will the supplier requ	uire access to PROT t-il accès à des rense evel of sensitivity:		information or assets? ésignés PROTÉGÉS et/ou CLASSIFIÉS?	No Yes Non Oui	
<ol> <li>Will the supplier required to the supplicit to the suppl</li></ol>	uire access to extren t-il accès à des rense	ely sensitive INFOSEC information or a eignements ou à des biens INFOSEC d	issets: e nature extrêmement délicate?	✓ No Yes Non Oui	
Short Title(s) of mate					
Document Number /					
		TIE B - PERSONNEL (FOURNISSEUR uired / Niveau de contrôle de la sécurité			
			SECRET SECRET	TOP SECRET TRÈS SECRET	
TOP SECRET TRÈS SECRE		NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÊS SECRET	
SITE ACCES ACCES AUX	S EMPLACEMENTS				
Special commen Commentaires s	nts: Facility	Access II with technical escort	- Accès aux installations II avec e	escorte technique	
		ng are identified, a Security Classificatio le contrôle de sécurité sont requis, un g	n Guide must be provided. uide de classification de la sécurité doit é	tre fourni.	
10. b) May unscreened p Du personnel san	personnel be used for s autorisation securi	or portions of the work? taire peut-il se voir confier des parties d	u travail?	No Ves	
If Yes, will unscree Dans l'affirmative,	ened personnel be e , le personnel en que	scorted: estion sera-t-il escorté?		No Yes Non Oui	
PART C - SAFEGUARD	DS (SUPPLIER) / PA	ARTIE C - MESURES DE PROTECTION	N (FOURNISSEUR)		
INFORMATION / ASSE	TS / RENSEIGNE	MENTS / BIENS			
premises?			SIFIED information or assets on its site or nements ou des biens PROTÉGÉS et/ou	V Non Oui	
INTERNATION AND INC.			nements ou des biens PROTÉGÉS et/ou		
11. b) Will the supplier b Le fournisseur ser	e required to safegu ra-t-il tenu de proteg	ard COMSEC information or assets? er des renseignements ou des biens CC	DMSEC?	✓ Non	
PRODUCTION					
equipment occur a	at the supplier's site lu fournisseur serviro	or premises?	ECTED and/or CLASSIFIED material or u réparation et/ou modification) de matér	No Ves Non Oui	
INFORMATION TECHN	NOLOGY (IT) MEDIA	A / SUPPORT RELATIF À LA TECHNO	LOGIE DE L'INFORMATION (TI)		
CLASSIFIED infor Le fournisseur ser	rmation or data? ra-t-il tenu d'utiliser s	IT systems to electronically process, pr es propres systèmes informatiques pou PROTÉGÉS et/ou CLASSIFIÉS?	oduce or store PROTECTED and/or Ir traiter, produire ou stocker électronique	Mo Yes Non Oui	
	un lien électronique e	n the supplier's IT systems and the gov entre le système informatique du fournis	ernment department or agency? seur et celui du ministère ou de l'agence	✓ No Yes Non Oui	

Security Classification / Classification de sécurité Unclassified / non-classifiée

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TBS/SCT 350-103 (2004/12)

of Canada du Canada

Consact number / numero ou consac 202204041 Security Classification / Classification de sécurité Unclassified / non-classifiée

#### 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

For users competing are some management of the source of t

For users completing the form online (via the Intenet), 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 récapitulaif.

SUMMARY CHART / TABLEAU RECAPITULATIF																
Category Catégorie		OTEC		CLASSIFIED CLASSIFIÉ				NATO				COMSEC				
	A	в	C	Confidential Confidentiel	Secret	Top Secret	NATO Restricted	NATO Confidential	NATO Secret	COSMIC Top Secret		rotect Protég		Confidential Confidential	Secret	Top Secret
						Très Secret	NATO Diffusion Restreinte	NATO Confidentiel		COSMIC Très Secret	A	в	C			Très Secret
Information / Assets Renseignements / Biens																
Production																
IT Media Support TI																
IT Link Lien électronique																
2. 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 PROTEGE et/ou CLASSIFIÉE?										Yes Oui						
If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification". Dans l'affirmative, classifier le présent formulaire en indiquant le niveau de sécurité dans la case intitulée.																
2. b) Will the document attached to this SRCL be PROTECTED and/or CLASSIFIED? La documentation associée à la présente LVERS sera-t-elle PROTEGEE et/ou CLASSIFIÉE?																

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, classifier 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).

Security Classification / Classification de sécurité Unclassified / non-classifiée

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# **SRCL Security Guide**

## SRCL 101917

Prepared by : Central Departmental Security Section Royal Canadian Mounted Police



#### **General Security Requirements**

All contractors employed on this contract must support the RCMP's security environment by complying with the directives described in this document.

- 1. All Protected information (hard copy documentation) or other sensitive assets for which the RCMP is responsible will be shared with the contractor through pre-approved processes.
- 2. The information disclosed by the RCMP will be administered, maintained, and disposed of in accordance with the Contract. At minimum the contractor must follow the Policy on Government Security.
- 3. The contractor will promptly notify the RCMP of any unauthorized use or disclosure of the information exchanged under this contract and will furnish the RCMP with details of the unauthorized use or disclosure. (i.e. loss of sensitive information, accidental or deliberate.)
- 4. Photography is not permitted. If photos are required, please contact the Organization Technical Authority and Departmental Security Section.
- 5. The use of personal property, e.g. desktop peripherals, communication devices, portable storage media such as USB sticks, in conjunction with RCMP technology is prohibited.
- 6. The contractor is not permitted to disclose sensitive information provided by the RCMP, to any subcontractors, without those individuals having the proper RCMP security level required to access the protected information.
- 7. The RCMP's Departmental Security Section (DSS) reserves the right to:
  - conduct inspections of the contractor's site/premises. Inspections may be performed prior to sensitive information being shared and/or as required (i.e. if the contractor's work location relocates). The intent of the inspection is to ensure the quality of security safeguards.
  - request photographic verification of the security safeguards. Photographs may be requested prior to sensitive information being shared and/or as required (i.e. if the contractor's work location relocates). The intent of the photographs is to ensure the quality of security safeguards.
  - provide guidance on mandatory safeguards (safeguards as specified in this document and possibly additional site specific safeguards).



- To ensure Canada's sovereign control over its data, all sensitive or protected data under government control will be stored on servers that reside in Canada. Data in transit will be appropriately encrypted. <u>Physical Security</u>
  - 1. Physical access to RCMP facilities/sites is restricted to those specific areas required to meet the contract's objectives.
  - 2. Before entering an operational area of an RCMP building/facility, contractors and Sub-contractors not cleared to ERS, must turn in all electronic devices to the reception/security desk until the person leaves.
  - 3. Contractors must be escorted at all times when within RCMP space.
- 4. The contractor may not use un-screened personnel for portions of the work.
- 5. The contractor is prohibited from accessing, storing, processing, producing or discussing RCMP sensitive information, Protected A or higher.
- 6. The contractor may not remove any Protected and/or Classified information or assets from RCMP properties and/or facilities.
- 7. The contractor may not produce, manufacture, repair and/or modify any Protected and/or Classified material or equipment on its site or premises.
- 8. A building access card is required for admittance to or movement within an RCMP building/facility, which must be worn and visible at all times.

## IT Security

- 1. No sensitive information, Protected A or higher, shall be electronically transmitted to the contractor's site.
- 2. No sensitive electronic information or assets, Protected A or higher, shall be removed from RCMP networks or property.
- 3. The use of personal property, e.g. desktop peripherals, communication devices, portable storage media such as USB sticks, in conjunction with RCMP technology is prohibited.
- 4. Individuals must not use privately-owned technology to join, bridge, or participate with RCMP networks in any way on RCMP premises including creating a network or access point.
- 5. All contract work is to be done within RCMP controlled workspaces and approved for the task.



- If the nature or scope of the work changes, the contractor must promptly notify the RCMP Contract Authority who will contact and liaise with Departmental Security Section to review and determine appropriate security mitigations.
- 7. Only contractors who have a <u>RCMP ERS security clearance</u> are permitted to use a personal cell phone (with prior permission) on RCMP premises, however communication;
  - a. must be restricted to non-sensitive information;
  - b. must not be used to conduct RCMP business and;
  - c. must not be connected to RCMP communications technology at any time.
- Any conference/video calls that involves the discussion of sensitive RCMP information must be done so using an approved RCMP or Government of Canada issued computing device. Subsequently, any conference or video calls with external agencies and/or non-government organizations must remain unclassified.
- 9. All storage media that have stored sensitive RCMP information are retained by the RCMP, e.g. vendor-supplied replacement hard drives are not exchanged for the defective original once it has stored RCMP data, the original is kept by the RCMP
- 10. Before disposing of office equipment and/or sending office equipment out for repair, ensure that any internal non-volatile media (e.g. hard drive) are removed beforehand and retained/disposed of by RCMP in accordance with policy.
- 11. Any defective media that has RCMP information stored on it must be replaced and not exchanged. Such media are retained by the RCMP until destroyed or disposed of in a manner that is in accordance with policy.
- 12. Remote maintenance of office equipment is not permitted by vendors.

## Personnel Security

- 1. Contractor and sub-contractor personnel will be required to obtain and maintain a RCMP personnel security clearance/status commensurate with the sensitivity of the work being performed throughout the life cycle of the contract (in accordance with the provisions of the SRCL).
- The contractor will be responsible for advising the RCMP of any changes in personnel security requirements. For example: Cleared personnel leaving the company or no longer supporting the RCMP contract, new personnel requiring security screening and personnel requiring renewal of their personnel security screening.



3. As the supplier and its employees will not have access to protected or classified information, systems or assets, an RCMP Clearance at the appropriate level is required. Contractor personnel must submit to law enforcement verification by the RCMP, prior to being granted access to facility or site. The RCMP reserves the right to deny access to any of the contractor personnel, at any time.

When the RCMP requires **Facility Access Level II**; the Contractor will submit the following to the RCMP through the RCMP online security portal:

- 1. TBS Security Screening Application and Consent Form
- 2. Copy of Government Issued Photo Identification (Driver's License Front and Back)

#### The RCMP:

- 1. Will conduct personnel security screening checks above the Policy on Government Security requirements.
- 2. Is responsible for escort requirements on it facilities or sites.