



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Réception des soumissions - TPSGC / Bid Receiving
- PWGSC

Voir dans le document/
See herein

NA

Québec

NA

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet Chemical Hood	
Solicitation No. - N° de l'invitation 01396-210217/B	Date 2021-04-14
Client Reference No. - N° de référence du client 01396-210217	
GETS Reference No. - N° de référence de SEAG PW-\$QCN-042-18150	
File No. - N° de dossier QCN-0-43102 (042)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2021-05-06 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Godin, Joanne	Buyer Id - Id de l'acheteur qcn042
Telephone No. - N° de téléphone (581) 397-6683 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Centre de Recherche et développement de Québec Agriculture & Agroalimentaire Canada 2560 HOCHELAGA BLVD QUEBEC Québec G1V2J3 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

TPSGC/PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

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

THIS BID SOLICITATION CANCELS AND SUPERSEDES PREVIOUS BID SOLICITATION NUMBER 01396-210217/A DATED 2021-01-07 WITH A CLOSING OF 2021-02-02 AT 14:00 EST. A DEBRIEFING OR FEEDBACK SESSION WILL BE PROVIDED UPON REQUEST TO BIDDERS/OFFERORS/SUPPLIERS WHO BID ON THE PREVIOUS SOLICITATION.

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01396-210217/B
Client Ref. No. - N° de réf. du client
01396-210217

Amd. No. - N° de la modif.
File No. - N° du dossier
QCN-0-43102

Buyer ID - Id de l'acheteur
qcn042
CCC No./N° CCC - FMS No./N° VME

PART 1 - GENERAL INFORMATION

1.1 Statement of Work

The Work to be performed is detailed under Article 6.2 of the resulting contract clauses.

1.2 Debriefings

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

1.3 epost Connect service

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

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

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/1/2003/25>

2.1.1 SACC Manual Clauses

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

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/B/B1000T/active>

2.2 Submission of Bids

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

PWGSC Québec Region Bid Receiving Unit

Only bids submitted using epost Connect service will be accepted. The Bidder must send an email requesting to open an epost Connect conversation to the following address:

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

Note: **Bids will not be accepted if emailed directly to this email address.** This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

<https://buyandsell.gc.ca/steps-to-follow-for-the-bid-submission-to-bid-receiving-unit-bru-using-epost-connect>

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

Bids transmitted by facsimile or hardcopy to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 5 calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as

such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

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

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

2.5 Bid Challenge and Recourse Mechanisms

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

The Bidder must submit its offer electronically 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

Bids transmitted by facsimile or hardcopy will not be accepted.

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

Section I: Technical Bid

In their technical bid, Bidder 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 offer in accordance with the Basis of Payment.

3.1.2 Exchange Rate Fluctuation

[C3011T](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditionsmanual/5/C/C3011T/active) (2013-11-06), Exchange Rate Fluctuation
<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditionsmanual/5/C/C3011T/active>

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

4.1.1.1 Mandatory Technical Criteria

The technical evaluation will address the mandatory technical criteria detailed in Annex "D".

The Bidder must demonstrate each of these mandatory technical criteria using technical documents/brochures/datasheet/drawings, which must be submitted with its bid.

The Bidder should complete the table in Annex "D" and submit it with its bid.

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) Quebec Incoterms 2010 for shipments from a commercial contractor. Bids will be assessed on a DDP basis.

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.

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.

5.2.3. Bidder certifies that All Equipment is “Off-the-Shelf”

Any equipment bid to meet this requirement must be “off-the-shelf” (unless otherwise stated in this bid solicitation), meaning that each item of equipment is commercially available and requires no further research or development and is part of an existing product line with a field-proven operational history (that is, it has not simply been tested in a laboratory or experimental environment). If any of the equipment bid is a fully compatible extension of a field-proven product line, it must have been publicly announced on or before the bid closing date. By submitting a bid, the Bidder is certifying that the entire equipment bid is off-the-shelf.

5.2.4 OEM Certification

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

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

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

OEM Certification Form	
This confirms that the original equipment manufacturer (OEM) identified below has authorized the Bidder named below to provide and maintain its products under any contract resulting from the bid solicitation identified below.	
Name of OEM	_____
Signature of authorized signatory of OEM	_____
Print Name of authorized signatory of OEM	_____
Print Title of authorized signatory of OEM	_____
Date signed	_____
Solicitation Number	01396-210217/B_____
Name of Bidder	_____

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide a chemical hood in accordance with 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](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/3/2010A/active) (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/3/2010A/active>

6.3.1.1 Warranty Period

Section 09 of general conditions 2010A (2020-05-28) is amended by replacing the period of 12 months by 24 months.

All other provisions of the warranty section remain in effect.

6.4 Term of Contract

6.4.1 Period of the Contract

The contract period is from date of Contract to October 31st, 2021.

6.4.2 Delivery Date

All the deliverables must be received within 17 weeks following Contract Award.

6.4.3 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:

Solicitation No. - N° de l'invitation
01396-210217/B
Client Ref. No. - N° de réf. du client
01396-210217

Amd. No. - N° de la modif.
File No. - N° du dossier
QCN-0-43102

Buyer ID - Id de l'acheteur
qcn042
CCC No./N° CCC - FMS No./N° VME

Name: Joanne Godin
Title: Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Telephone: 581-397-6683
E-mail address: joanne.godin2@tpsgc-pwgsc.gc.ca

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

6.5.2 Technical Authority (will be filled upon award)

The Technical Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

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 (will be filled upon award)

Name: _____
Title: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price as specified in Annex "B" for a cost of \$ _____ (will be filled upon 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 Terms of Payment

SACC Manual clause [H1000C](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/H/H1000C/active) (2008-05-12) Single Payment
<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/H/H1000C/active>

6.6.3 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using the following Electronic Payment Instrument:

- Direct Deposit (Domestic and International);

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.
 - (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 Quebec.

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](#) (2020-05-28), Goods (medium complexity); as amended in the articles of this Convention;
- (c) Annex "A", Requirement;
- (d) Annex "B", Basis of Payment;
- (e) Annex "C", Insurance Requirements;
- (f) the Contractor's bid dated _____ (will be filled upon award).

6.11 Insurance – Specific Requirements

The Contractor must comply with the insurance requirements specified in Annex "C". The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors, coverage must be placed with an Insurer with an A.M. Best Rating no less than "A-". The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

6.12 Dispute Resolution

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

ANNEX "A" – REQUIREMENT

Chemical hood with non-metallic interior, required for mineralization using concentrated nitric and hydrochloric acid on a digestion block

1. Background

The installation of a chemical hood that is specifically designed for acid digestion in a digestion block (concentrated nitric and hydrochloric acids) will make it possible to continuously perform the analyses required to assess the nutrients and minor elements, including the various metals that are present in plants and in the ground for various research projects that are carried out at the Quebec Research and Development Centre (QRDC). The interiors of the chemical hoods currently available at the QRDC are made of stainless steel, but they have not resisted to corrosion from concentrated acid vapours (nitric and hydrochloric acids) after long-term use, despite regular cleaning. Furthermore, the service valves inside the hoods, such as water, vacuum and pressurized air valves, have also been corroded by concentrated acid vapours and ultimately become unusable and unsafe for users.

The purchase of this equipment would enable the replacement of an existing hood, which would not require any major changes or the installation of additional services in order for it to be operational.

2. Technical specifications

- 2.1 The materials that compose the interior of the hood must be resistant to damage caused by warm concentrated acid vapors created during acid digestion and the heat generated by the digestion block. The inside of the hood must therefore be made of fiberglass, plastic or other non-metallic material that is resistant to corrosion caused by concentrated acid vapors and heat;
 - 2.1.1 The materials must be able to withstand frequent and repeated exposure to nitric acid vapours (67-70%) and hydrochloric acid (34-37%) vapors, and temperatures of at least 80°C;
 - 2.1.2 The interior of the hood must be made of a single shell or completely sealed to prevent any leakage and corrosion of the internal hood's internal components.
- 2.2 The outside dimension of the must be between 59 and 60 inches in width by maximum 40 inches in depth with a specific height (including connections to existing plumbing) depending on the model:
 - 2.2.1 For **benchtop-style** hood model: the hood must have a maximum exterior dimension of 78 inches in height in order to fit on top of the existing ventilated cabinets, including 13 inches of additional space between the gypsum ceiling and the concrete ceiling, that would make it possible to build the upper portion of the hood into the ceiling during installation if required.
 - 2.2.2 For hood model **with support**: the hood must fit into space with a maximum exterior dimension of 113 inches in height, including 13 inches of additional space between the gypsum ceiling and the concrete ceiling, that would make it possible to build the upper portion of the hood into the ceiling during installation if required.

-
- 2.2.3 The interior available space of the work surface must be a minimum of 24 inches in depth so that the existing digestion block can be installed within it.
- 2.3 The hood must be compatible with the existing ventilation facilities: it must be able to connect to a 12-inch duct and be controlled using a Phoenix valve. The entire coupling system must be compatible with the Phoenix control system;
- 2.3.1 Current equipment that is compatible and must be preserved: the hood monitor and the motion detector. These will have to be reinstalled on the new hood;
- 2.3.2 The Connectors or other equipment for adapting the current ventilation system must be provided.
- 2.4 The hood must have two electric power outlets in the front, specifically one 208-230 volt outlet and one 120-volt outlet.
- 2.5 The hood must be connected to at least two interior services: cold water and compressed air;
- 2.5.1 The interior service valves and nozzles must be made of or covered in materials that are resistant to corrosion from concentrated acid vapours, as described in item 2.1.
- 2.6 The hood must have a sealed internal lighting system that is resistant to concentrated acid vapours.
- 2.7 The hood must have a drain located at the bottom of the hood to facilitate the drainage of liquids from the work surface.

3. Deinstallation, delivery and installation

- 3.1 The delivery, removal of the current hood (see photo on page 23), installation and commissioning of the new hood must be included in the cost and must be completed on site by qualified personnel. The current hood must be brought to the garage (see plan on page 24) and will be disposed of by Canada.
- 3.1.1 The supplier is responsible for connecting the hood to the existing ventilation system and installing and connecting the hood monitor and the motion sensor.
- 3.1.2 During commissioning, the supplier must perform all of the compliance tests, including carrying out rocking tests and taking front velocity measurements.
- 3.1.3 Canada will be responsible for verifications in the Phoenix control software. The supplier must be present at the time of the Canada's confirmation, in cooperation with the person in charge of the existing control system for the hoods at the QRDC laboratories, that the new hood is entirely operational. The compliance label will be affixed by Canada.
- 3.1.4 During installation, if the 13 inches of available space between the gypsum ceiling and the concrete ceiling are required, the supplier will be responsible for building the equipment into the ceiling and carrying out finishing work to restore the area to its initial condition.
- 3.2 The hood must be delivered, installed, commissioned and accepted, at the Quebec Research and Development Centre, located at the following address:

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01396-210217/B
Client Ref. No. - N° de réf. du client
01396-210217

Amd. No. - N° de la modif.
File No. - N° du dossier
QCN-0-43102

Buyer ID - Id de l'acheteur
qcn042
CCC No./N° CCC - FMS No./N° VME

Agriculture and Agri-Food Canada
Québec Research and Development Centre
2560 Hochelaga Boulevard
Québec, Quebec G1V 2J3

- 3.3 Installation must be completed by the supplier and commissioning will be coordinated by Canada in cooperation with the person in charge of the existing hood control system at the QRDC laboratory. This must be completed within a maximum of 2 weeks following delivery.

4. Documentation

The chemical hood must be accompanied by the following documentation upon delivery:

- A paper copy of the operations and maintenance manual (English and French)
- All of the documents, descriptive brochures and technical specifications available for the hood components.

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ANNEX "B" – BASIS OF PAYMENT

Art.	Description	Qty	UD	Firm Unit Price	Total Firm Price
1	Chemical Hood, in accordance with Annex "A": Brand : _____ Model : _____	1	EACH	_____ \$	_____ \$
2	DDP (Quebec, Quebec, Canada), including customs duties, handling and the delivery.	1	LOT	_____ \$	_____ \$
				TOTAL =	_____ \$
Note: Prices in Canadian dollars excluding Applicable Taxes.					

ANNEX "C" – INSURANCE REQUIREMENTS

Commercial General Liability Insurance

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than **\$2,000,000** per accident or occurrence and in the annual aggregate.
2. The Commercial General Liability policy must include the following:
 - a. Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.
 - b. Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
 - c. Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
 - d. Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
 - e. Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - f. Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - g. Employees and, if applicable, Volunteers must be included as Additional Insured.
 - h. Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
 - i. Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
 - j. Notice of Cancellation: The Contractor will provide the Contracting Authority thirty (30) days prior written notice of policy cancellation or any changes to the insurance policy.
 - k. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.

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- I. Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.

ANNEX “D” – MANDATORY TECHNICAL CRITERIA

The technical evaluation will address the mandatory technical criteria detailed in Annex “D”.

The Bidder must demonstrate each of these mandatory technical criteria using technical documents/brochures/datasheet/drawings, which must be submitted with its bid.

The Bidder should complete the table in Annex “D” and submit it with its bid.

# Identification	DESCRIPTION		REFERENCE (should indicate the reference to the technical documentation included in Bid)
MTCO1	The interior of the hood must be made of fiberglass, plastic or any other non-metallic material and must be resistant to corrosion caused by concentrated acid vapours and heat.		
MTCO2	The hood must have an exterior dimension of between 59 and 60 inches wide by maximum 40 inches deep.		
MTCO3	<u>Height – Maximum exterior dimension</u> (including connections to existing plumbing)	Proposed benchtop-style model – 78 inches	
		Proposed model with support – 113 inches	
MTCO4	The interior available space of the work surface must be a minimum of 24 inches in depth.		

ANNEX "E" – QUESTIONS AND ANSWERS FROM THE PREVIOUS SOLICITATION

Question 1

Annex A- Requirement, 2. Mandatory technical specifications, 2.2:

The hood can be a benchtop model or a model with support. In the case of a hood model with support, does it need to be provided with or without cabinets under the base?

Answer 1

Cabinets under the base are not required.

Question 2

Is delivery and installation without connection to the existing duct system is accepted?

Answer 2

No

Question 3

Would you accept our offer without removing the current hood?

Answer 3

No.

Question 4

Is it possible to offer you a price without the removal of current hood?

Answer 4

A price including the removal of the current hood must be provided.

Question 5

Annex-A Requirement, 3. Delivery and installation, 3.1:

In order for us to properly quote the removal of the current hood you have on site; we need to know:

- A) Could you please provide the current hood's make and model as well as the external dimensions and the weight of the unit?
- B) Is the unit will be decommission before its removal?
- C) It is possible to provide us with a certificate of decontamination before the removal of the current hood?
- D) It is possible to have a route plan or map of where the current unit is in the building and the loading dock area?

- E) Do you have a loading dock? Is it accessible by large vehicles? (ex. Large cube vans, truck with 18-wheel trailer).
- F) To which room/floor is the hood being delivered to?
- G) How many doors must the unit pass through and what are the dimensions of each door?
- H) What are the dimensions of the hallways?
- I) Are there any objects, columns, railings or tight corners that could potentially cause an issue during delivery?
- J) Is there an elevator that our moving company can use? If so, please provide the dimensions and the maximum weight capacity.
- K) Are there any stairs that the movers must go up or down?
- L) Who is the contact person to coordinate the delivery?

Answer 5

- A) Bedcolab, model BA60-SSW; exterior dimensions: 60 " x 32 3/4 " and the weight is unknown but it is standard depending on the model and dimensions of the hood.
- B) The hood will of course be taken out of service.
- C) The hood has never processed samples other than agricultural soils. It has also been used to dry slurry and manure. We therefore certify that no toxic chemicals or other products have been processed in this hood.
- D) Yes, see the map on page 24 and 25.
- E) Yes and no problem for trucks up to 48 feet.
- F) Second floor
- G) 2 doors to go through and the dimensions are shown on the map on page 24 and 25.
- H) 102" (8'6")
- I) No
- J) Yes, 84"x 85" deep with 48" door and 4000 pounds capacity.
- K) No
- L) This information will be included in the Contract only.

Question 6

Annex A - Requirement, 3. Delivery and Installation, 3.1:

For delivery, you mention that the hood must be delivered to the 2nd floor. Would it be acceptable for the hood to be delivered to the loading dock and mounted on the 2nd floor when installation is completed (by the personnel hired for installation)?

Answer 6

The hood can be delivered to the loading dock and then be mounted by the contractor. It is the contractor's responsibility to bring the hood to the 2nd floor and install it.

Question 7

Annex-A Requirement, 3. Delivery and installation:

- A) Would it be possible to have photographs of the hood to remove?
- B) Would it be possible to obtain the model of the hood to remove?

Answer 7

- A) Yes:



B) Yes. Bedcolab, model BA60-SSW.

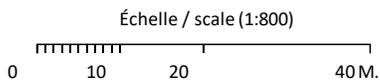
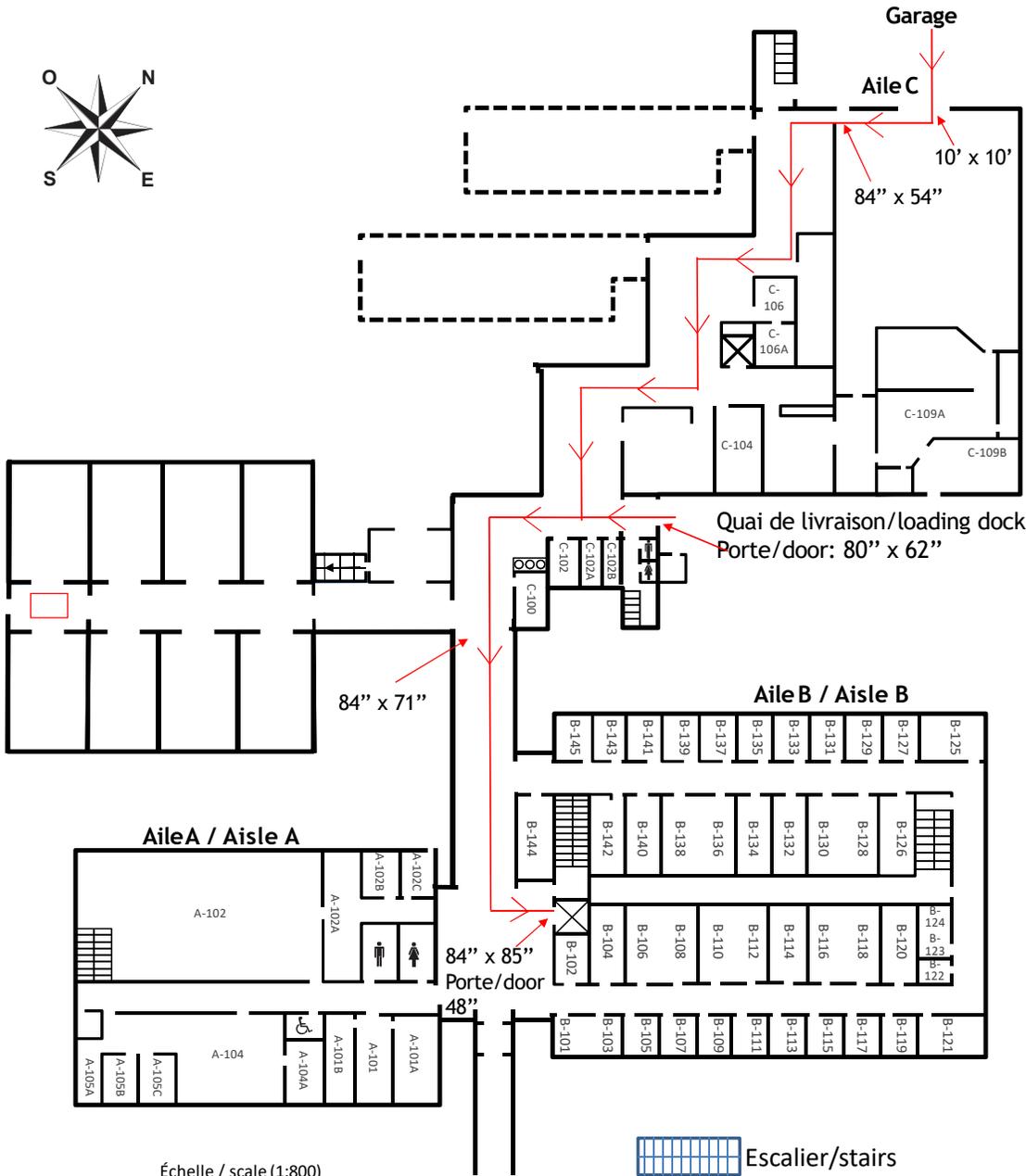
***See the plan on next pages**



Centre de recherche et de développement de Québec / Quebec Research and Development Centre

PLAN GÉNÉRAL, Premier étage (rez-de-chaussée)

/ First floor



Escalier/stairs



Ascenseur/elevator

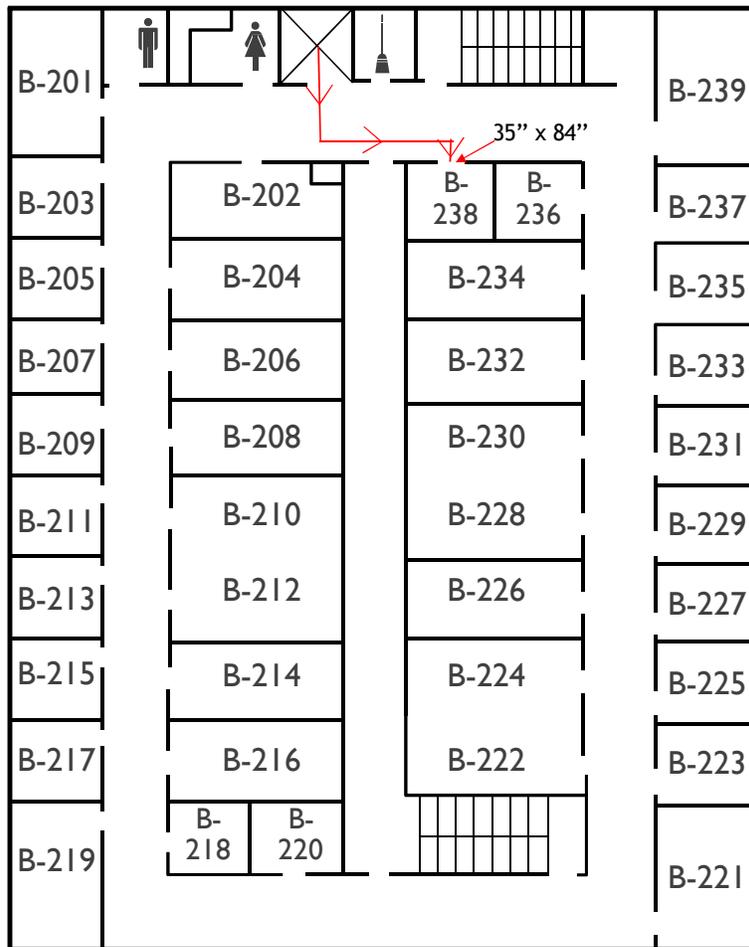




Deuxième étage / Second floor



Aile B/Aisle B



Échelle (1:800)

