

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

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

**11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776**

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

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

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

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

Comments - Commentaires

Title - Sujet BULK OXYGEN & CARBON DIOXIDE	
Solicitation No. - N° de l'invitation 23375-140076/A	Date 2013-08-01
Client Reference No. - N° de référence du client 23375-140076	
GETS Reference No. - N° de référence de SEAG PW-\$\$HL-653-63222	
File No. - N° de dossier hl653.23375-140076	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-09-11	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
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: Boudreau, Susie	Buyer Id - Id de l'acheteur hl653
Telephone No. - N° de téléphone (819) 956-1689 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATURAL RESOURCES 1 HAANEL DR. ATTN: RAMI NADARAJAH OTTAWA Ontario K1A1M1 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

Fuel & Construction Products Division
11 Laurier St./11, rue Laurier
7A2, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

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



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Destination	Unit Price/Prix unitaire FOB/FAM	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	OXYGEN IN BULK SUPPLY OF BULK OXYGEN ON A AS NEEDED BASIS AND DELIVER INTO THE CONTRACTOR OWNED STORAGE TANK AT THE SITE OF CanmetENERGY.	23375	I - 1	1	Each	\$		XXXXXXXXXXXX	See Herein	
2	CARBON DIOXIDE IN BULK SUPPLY OF BULK CARBON DIOXIDE ON A AS NEEDED BASIS AND DELIVER INTO THE CONTRACTOR OWNED STORAGE TANK AT THE SITE OF CanmetENERGY.	23375	I - 1	1	Each	\$		XXXXXXXXXXXX	See Herein	
3	RENTAL OF THE STORAGE TANK RENTAL OF THE STORAGE TANK FOR THE OXYGEN	23375	I - 1	1	Each	\$		XXXXXXXXXXXX	See Herein	
4	RENTAL OF THE STORAGE TANK RENTAL OF THE STORAGE TANK FOR THE CARBON DIOXIDE	23375	I - 1	1	Each	\$		XXXXXXXXXXXX	See Herein	
5	INSTALLATION INSTALLATION OF THE CONTRACTOR OWNED STORAGE TANKS AT THE SITE OF CanmetENERGY, WITH THE REQUIRED AUXILIARY EQUIPMENT.	23375	I - 1	1	Each	\$		XXXXXXXXXXXX	See Herein	



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
6	REMOVAL THE REMOVAL OF THE CONTRACTOR OWNED STORAGE TANKS. THE REMOVAL IS PERFORMED AT END OF CONTRACT.	23375	I - I	1	Each	\$XXXXXXXXXXXX	See Herein	

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Solicitation No. - N° de l'invitation

23375-140076/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

hl653

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

23375-140076

File No. - N° du dossier

hl65323375-140076

CCC No./N° CCC - FMS No/ N° VME

PART 1 - GENERAL INFORMATION

1. **Security Requirement**

There is no security requirement associated with this bid solicitation.

2. **Requirement**

The requirement is detailed under Article 2 in Part 6 - "Resulting Contract Clauses" and at Annex A "Requirement".

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 of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

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

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

The 2003 (2013-06-01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2. Submission of Bids

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

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

4. Applicable Laws

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

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

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

Bidders must submit one (1) copy of the solicitation document, duly completed and signed.

Prices must appear in the Annex B - "Pricing Schedule", only. No prices must be indicated in any other section of the bid.

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

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

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

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

1.1 Financial

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) must be shown separately, if applicable.

1.2 Installation Schedule

Contractor must provide an installation schedule from point of contract award, with the bid.

1.3 Exchange Rate Fluctuation

The requirement does not provide for exchange rate fluctuation protection. Any request for exchange rate fluctuation protection will not be considered and will render the bid non-responsive.

1.4 Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

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.

1.1 Technical Evaluation

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

1.1.1 Evaluation Criteria - Technical

The following MANDATORY factors will be taken into consideration in the evaluation of each bid:

- (a) Technical compliance;
- (b) Compliance with Annex A - Requirement
- (c) Inspection requirement;
- (d) Acceptance of terms and conditions as mentioned in the bid solicitation;
- (e) Completion of the solicitation.

1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

1.2.1 Evaluation Criteria - Financial

The following MANDATORY factors will be taken into consideration in the evaluation of each bid:

- (a) Compliance with proposed pricing methods and Annex B - Pricing Schedule;
- (b) Price (firm price, Canadian funds, DDP Delivered Duty Paid destination Incoterms 2000).

2. Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to be declared responsive. The recommendation for the award of a contract will be based on the lowest aggregate responsive bid.

The aggregate price will be calculated by adding the total value of each of the following Items: 001, 002, 003, 004 and 005 listed in Appendix B - Pricing Schedule.

The total value of each item will be calculated as follows:

- (a) The total value for Items 001, 002, 003 and 004 will be calculated by adding all prices quoted for each Delivery Period.
- (b) The total value for Items 005 will be calculated by adding all quoted prices for the installation and the removal of the two Tanks.

PART 5 - CERTIFICATIONS

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default, if any certification made by the Bidder is found to be untrue whether 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 with this request will also render the bid non-responsive or will constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

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 (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Human Resources and Skills Development Canada (HRSDC) - Labour's website http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/index.shtml.

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 " (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Requirement

1. The supply, installation and removal of two contractor owned storage tanks, and required auxiliary equipment, in accordance with the requirement detailed in Annex A and with the Pricing Schedule at Annex B. The Contractor will supply and install all fittings, adapters and minor accessories at no extra charge to Canada.

2. The supply of Bulk Oxygen and Carbon Dioxide, as detailed at Annex A and B when ordered, by CanmetENERGY of Natural Resources Canada.

2.1 Supply of Gases

The Contractor agrees to supply, deliver and sell to Canada in accordance with the terms of the contract, the Bulk Oxygen and Carbon Dioxide for each Supply Period specified in Annex "B", on an as-needed basis.

The Contractor shall supply the Bulk Oxygen and Carbon Dioxide ordered by CanmetENERGY of Natural Resources Canada provided the total cumulative quantity supplied does not exceed the "Total estimated Consumption" for that supply period.

Canada shall have an option to purchase, during the term of the contract, any and all additional requirements of Oxygen and Carbon Dioxide which may be required by CanmetENERGY. This option is to be exercised on a written request by the contracting Authority. All terms and conditions of the contract, including price, will be applicable to this option.

2.2 Quantity of Gas

The contractor hereby acknowledges and agrees that the "Total estimated Consumption" specified in Annex "B" are estimates only, constituting an approximation made in good faith of the potential requirements of Canada. Such estimates neither express nor imply any obligation on the part of Canada to accept or purchase such quantities or any quantity whatsoever. Canada shall have the right to accept delivery only in such quantity as is actually ordered.

2.3 Contractor Owned Storage Tank

The Contractor warrants that the tanks supplied under this contract when installed is in good working order. The Contractor, at his own expense, shall make necessary adjustments, repairs or replacements to maintain the tanks in good working order for the duration of the contract. The Contractor shall replace, without charge to Canada, any product lost as a result of any deficiencies present in the tanks when installed or when conducting preventive maintenance during the life of the contract.

Except as otherwise provided, there shall be no additional charges for:

- (a) maintenance, regardless of when performed;
- (b) replacement parts, unless such parts are required due to the fault or negligence of the Government.

Any changes to the supplier owned equipment shall not interfere with nor interrupt delivery of the requirement for the Bulk Oxygen and Carbon Dioxide

3. Standard Clauses and Conditions

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

3.1 General Conditions

2010A (2013-04-25), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

3.2 Supplemental General Conditions

Annex C Leased Equipment Transactions, apply to and form part of the Contract.

4. Term of Contract

4.1 Period of the Contract

The period of the Contract is from MM/DD/2013 to MM/DD/2016 inclusive.

4.2 Delivery of the storage tanks

The delivery of the storage tanks will take place _____ days after Contract award.

4.3 Commissioning Time

It will take _____ calendar days to install the storage tanks and associated equipment in a fully operational mode.

4.4 Delivery of Gases

Delivery must be made within five (5) working days after each order. The requirements are specified in writing or by telephone by CanmetENERGY of Natural Resources Canada. The delivery slip showing the amount of gas delivered, must be provided at the time of delivery.

4.5 Adherence to Delivery Schedule

The contractor will promptly give notice to the Department of Public Works and Government Services of its inability to meet the contract delivery schedule and will request therein an extension of time stating its proposed revised delivery schedule and offering consideration for such revisions. Until such notice is received and the revised delivery schedule agreed to by the Department of Public Works and Government Services, the Minister may, pursuant to the General Conditions, on the business day following the due date of delivery of any outstanding materials, **terminate the whole or part of the contract for default.**

4.6 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to two (2) additional one (1) year period under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least thirty (30) calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Susie Boudreau

Public Works and Government Services Canada

Acquisitions Branch, Commercial Acquisition & Supply Management Sector

Logistics, Electrical, Fuel & Transportation Directorate

Fuel & Construction Products Division (HL)

11 Laurier Street, 7A2, Place du Portage, Phase III

Gatineau, QC K1A 0S5

Telephone: 819-956-1689

Facsimile: 819-956-5227

E-mail address: Susie.boudreau@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.

5.2 Technical Authority

The Technical Authority for the Contract is:

Name: _____

Title: Combustion Research Technologist

Organization: CanmetENERGY, Natural Resources Canada

Address: 1 Haanel Drive, Ottawa, ON K1A 1M1

Telephone: _____ Facsimile: _____ E-mail: _____

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

5.3 Contractor's Representative

Name and telephone number of the person responsible for General Enquiries and Delivery

Follow-up:

Name : _____

Telephone : _____

Facsimile : _____

E-mail : _____

Name and telephone number of a qualified person able to respond to any emergency regarding the Contractor furnished equipment and product:

Name : _____

Telephone : _____

Facsimile : _____

E-mail : _____

Name and telephone number of Product Dispatcher:

Name : _____

Telephone : _____

Facsimile : _____

E-mail : _____

Name and telephone number of local service personnel:

Name : _____ Telephone : _____
 Facsimile : _____ E-mail : _____

5.4 Supplier's Hours of work

Weekdays: _____ Weekends and Statutory Holidays : _____

6. Payment**6.1 Basis of Payment - Firm Unit Price(s)**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) as specified in Annex B in Canadian dollars. 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.

6.2 Terms of Payment

SACC Manual clause H1001C (2008-05-12) Multiple Payments

7. Invoicing Instructions

The Contractor must submit invoices in accordance with the information required in Section 10 of 2010A, General Conditions - Goods (Medium Complexity).

It is a requirement of this Contract that the contractor **USE ONLY ONE** of the following invoicing methods:

(1) By mail:

Natural Resources Canada
 Invoice Receipt
 615 Booth St.
 SSO-1-A, Room 147
 Ottawa, ON K1A 0E9

(2) By Facsimile:

1-877-947-0987 (use highest quality settings)

(3) By Email:

Invoicing-Facturation@NRCan-RNCan.gc.ca (PDF only)

Invoices must reference the Contract Number.

8. Certifications

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, or provide the related documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9. Applicable Laws

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

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) 2010A (2013-04-25) General Conditions - Goods (Medium Complexity);
- (c) Supplemental General Conditions: Annex C Leased Equipment Transactions;
- (d) Annex A Requirement and Annex B Pricing Schedule;
- (e) Basis of Payment;
- (f) the Contractor's bid dated _____, as clarified on _____ or as amended on _____.

11. SACC Manual Clauses

THE FOLLOWING TERMS AND CONDITIONS ARE INCORPORATED HEREIN

SACC Reference	Section	Date
A9068C	Government Site Regulations	2010-01-11
B1505C	Shipment of Hazardous Products	2006-06-16
D3015C	Dangerous Goods/Hazardous Products	2007-11-30
G1005C	Insurance	2008-05-12

12. 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 contract 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.

13. Shipping Instructions - Delivery at Destination

1. Goods must be consigned to the destination specified in the Contract and delivered DDP Delivered Duty Paid to CanmetENERGY, 1 Haanel Drive, Building 1, Ottawa ON, Incoterms 2000 for shipments from commercial contractor.
2. The Contractor is responsible for all delivery charges, administration, costs and risk of transport and customs clearance, including the payment of customs duties and applicable taxes.

ANNEX A

REQUIREMENT

1. Requirement

CanmetENERGY has a requirement for an annual supply of Bulk Oxygen and Carbone Dioxide to be delivered on site into the contractor owned storage tank, on an as-needed basis.

2. Contract Duration

Each period has a period of 12 months. The overall duration of this contract is 36 months with the option to extend the term of the Contract by up to two (2) additional periods of 12 months each.

The three-year period will start at the award of the contract in 2013.

3. Address and Location of Installation

CanmetENERGY Ottawa
1 Haanel Drive
Building 1
Ottawa, ON K1A 1M1

4. Storage and Supply - Pure Oxygen

The approximate quantity required is 5000 cubic meters per year. The Oxygen is to be converted to gas, and supplied at 80 kgph at a pressure of 20 psig, and ambient temperature over a minimum single period of 10 hours per week, to a piping system already in place.

Purity: Meet the CGA specification for bulk liquid gases (usually about 99.5% pure) or better.

The Contractor owned storage tank is to be located on-site and must fit the existing concrete pad, with a storage capacity sufficient to meet a three week supply.

Three-week requirement: $80 \times 10 \times 3 = 2400$ kg of liquid Oxygen.

Telemetry for remote monitoring of storage conditions is required and provided by the supplier.

Services available at pad - power supply and dedicated phone line with network line between pads.

5. Storage and Supply - Pure Carbon Dioxide

The approximate quantity required is 25600 kg per year.

The Carbone Dioxide is to be converted to gas, and supplied at 260 kgph at a pressure of 250 psig, and ambient temperature over a minimum single period of 10 hours per week, to a piping system already in place.

Purity: Meet the CGA specification for bulk liquid gases (usually about 99.9% pure) or better.

The Contractor owned storage tank is to be located on-site and must fit the existing concrete pad, with a storage capacity sufficient to meet a three week supply.

Three-week requirement: $260 \times 10 \times 3 = 7800$ kg of liquid Carbon Dioxide.

Require telemetry for remote monitoring of storage conditions by supplier.

Services available at pad - power supply and dedicated phone line with network line between pads.

6. Storage Site and tank - Oxygen

- a) The installed contractor owned storage tank include all necessary auxiliaries and equipment to convert the liquid in the bulk tank to its gaseous form. Also, all necessary equipment including the evaporator system, safety devices, pressure reducing station, valving, piping and manual venting hardware as well as the pipe connection to the terminal point.
- b) **Terminal Point**
The terminal point for the oxygen storage equipment is an existing 1 inch oxygen supply line located at the concrete storage tank pad.
- c) **Concrete Pad**
The site for the storage tank is an existing concrete pad designed and sized for an upright oxygen storage tank and evaporator system. Specifications of the concrete pad are attached.
- d) **Purging of the Equipment**
The supplier will purge the supplied equipment including the installed tank, all auxiliary equipment and associated piping up to and including the terminal point connection.
- e) CanmetENERGY will be responsible for manually venting of stored oxygen as required.

7. Storage Site and tank - Carbon Dioxide

- a) The installed contractor owned storage tank include all necessary auxiliaries and equipments to convert the liquid in the bulk tank to its gaseous form. Also, all necessary equipment including the condenser system, safety devices, pressure reducing stations, valving and piping as well as the connection to the terminal point.
- b) **Terminal Point**
The terminal point for the carbon dioxide storage equipment is an existing 1inch carbon dioxide supply line located at the concrete storage tank pad.
- c) **Concrete Pad**
The site for the storage tank is an existing concrete pad designed and sized for a horizontal carbon dioxide storage tank and condenser recycle system. A 550-volt, 3-phase electrical power source is available at the concrete pad. Specifications of the concrete pad are attached.
- d) **Purging of the Equipment**
The supplier will purge the supplied equipment including the installed tank, all auxiliaries equipment and associated piping up to and including the terminal point connection.

8. Gas Replenishment

The storage tanks are to be routinely filled on site by tank truck equipped with meters, which produce delivery slips. Delivery slips indicating the amount of product discharged into the storage tank is to be provided on each delivery. Loss of gases due to failure of supplier equipment shall be at the contractor's expense.

9. Quality Assurance

- a) Contractor shall perform a pressure test on all supplied components once connectivity is complete as required by Technical Standards Safety Authority TSSA and the appropriate design code (ASME B31.3). Contractor shall provide all equipment and materials to perform the test. Test pressures shall be determined based on the design pressures.

- b) Engineering design to be performed by an individual registered as a professional engineer with the appropriate engineering association for the province or state in which the design is being carried out. This individual must be cognizant of the engineering acts and regulations in Ontario.
- c) All installed oxygen and Carbon dioxide lines to be cleaned in compliance with Canadian Gas Association specification CGA G-4.4 or equivalent (contractor to specify prior to installation).
- d) Supervision at site to be undertaken by the contractor
- e) Contractor is asked to provide an installation schedule from point of contract award with its bid. Contractor will provide updates on progress and anticipated completion dates as requested by the client.

10. Maintenance

Contractor shall be responsible for required pressure vessel inspections and certification throughout the contract period.

Contractor shall maintain the supply systems in good working order

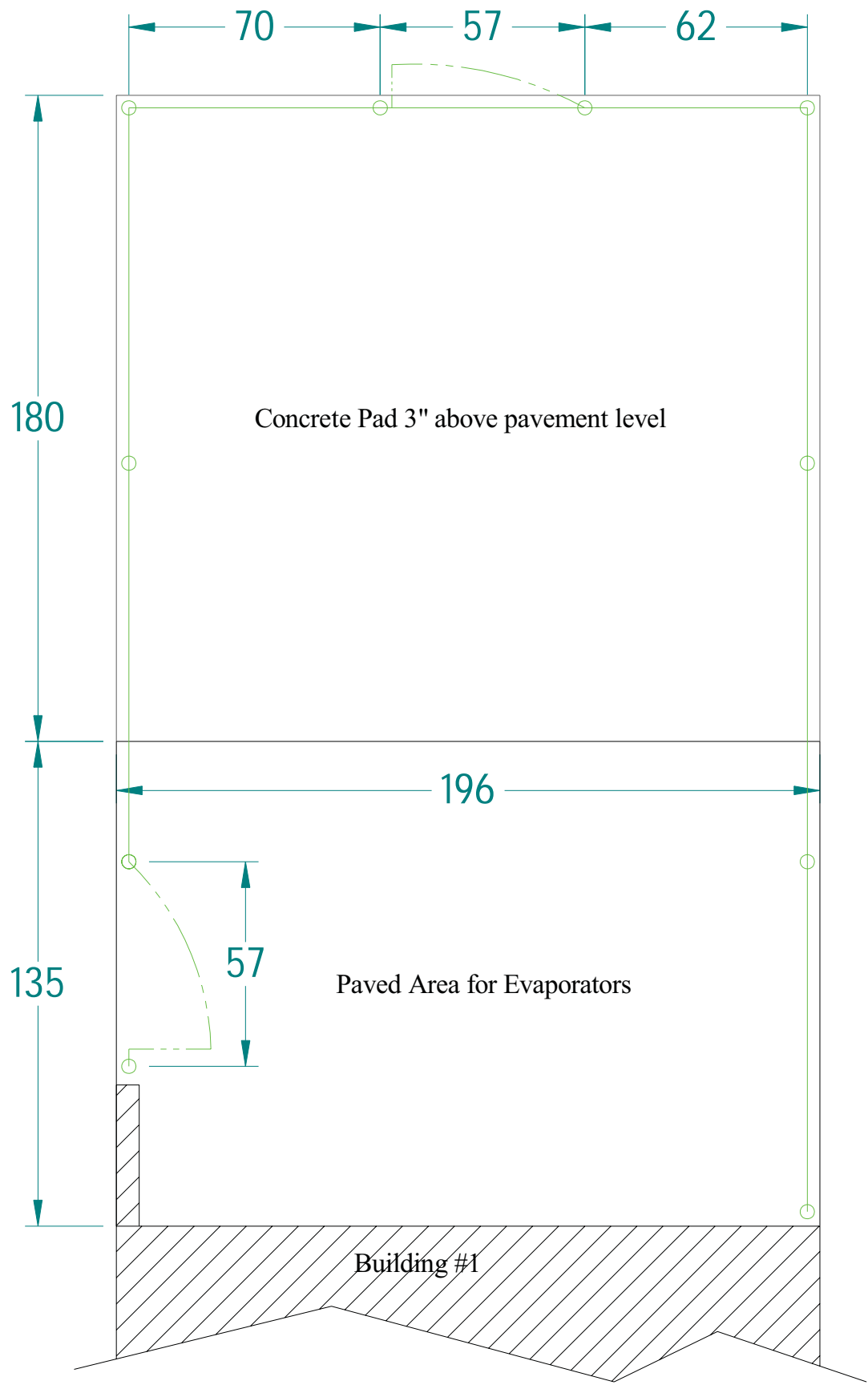
Contractor shall respond to and repair supply system malfunctions within 48 hours of notification.

11. Schedule

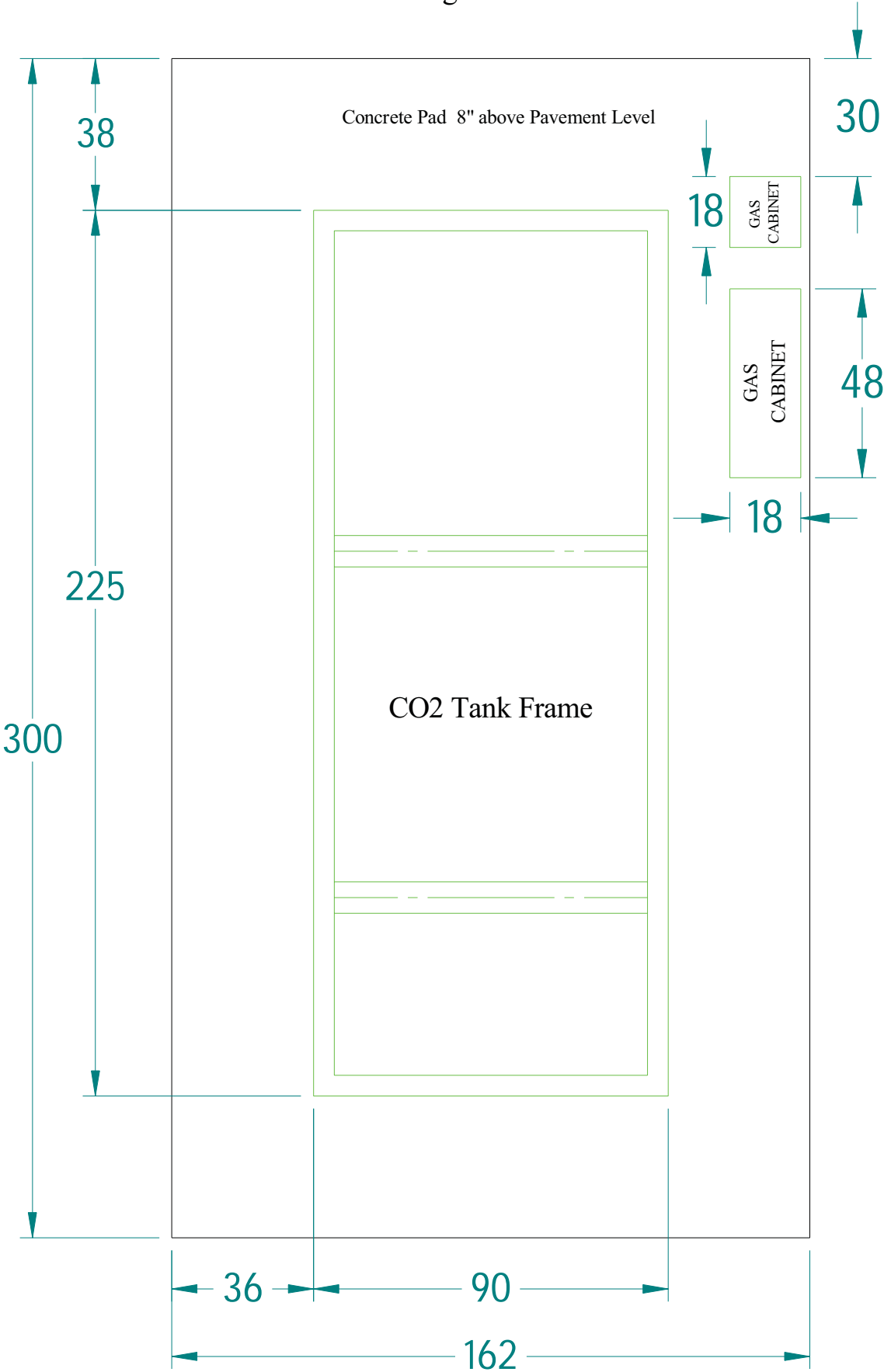
The tanks and auxiliaries shall be installed and ready for operation within two weeks after the contract award.

The first tank filling should be within the three weeks following the contract award.

O2 Storage Pad Detail
Dimensions in Inches
Green color shows 6 ft high metal fence



CO2 Storage Pad Detail
Dimensions in Inches
No Fencing around Pad



ANNEX B
PRICING SCHEDULE

Item No. 001
Oxygen

Description			
To supply Bulk Oxygen when requested by CanmetENERGY and deliver into the contractor owned storage tank at the site of CanmetENERGY.			
Delivery Period	Referred to as	Total Estimated Consumption (in cubic meters)	Price per cubic meter, FOB delivered into tank at destination
2013 / 2014	Period One	5008	\$ _____
2014 / 2015	Period Two	5008	\$ _____
2015 / 2016	Period Three	5008	\$ _____
2016 / 2017	Option Period One	5008	\$ _____
2017 / 2018	Option Period Two	5008	\$ _____

Item No. 002
Carbon Dioxide

Description			
To supply Bulk Carbon dioxide when requested by CanmetENERGY and deliver into the contractor owned storage tank at the site of CanmetENERGY.			
Delivery Period	Referred to as	Total Estimated Consumption (in kilograms)	Price per kilogram, FOB delivered into tank at destination
2013 / 2014	Period One	25600	\$ _____
2014 / 2015	Period Two	25600	\$ _____
2015 / 2016	Period Three	25600	\$ _____
2016 / 2017	Option Period One	25600	\$ _____
2017 / 2018	Option Period Two	25600	\$ _____

PRICING SCHEDULE

Item No. 003

Storage Tank for Oxygen

Description of Supplies and/or Services			
Monthly Rental Fees for one (1) contractor owned storage tank, complete with required auxiliary equipment, for the following Delivery Periods.			
Delivery Period	Referred to as	Period	Firm Monthly Fees Taxes Excluded
2013 / 2014	Period One	12 months	\$ _____
2014 / 2015	Period Two	12 months	\$ _____
2015 / 2016	Period Three	12 months	\$ _____
2016 / 2017	Option Period One	12 months	\$ _____
2017 / 2018	Option Period Two	12 months	\$ _____

Item No. 004

Storage Tank for Carbon Dioxide

Description of Supplies and/or Services			
Monthly Rental Fees for one (1) contractor owned storage tank, complete with required auxiliary equipment, for the following Delivery Periods.			
Delivery Period	Referred to as:	Period	Firm Monthly Charge GST Excluded
2013 / 2014	Period One	12 months	\$ _____
2014 / 2015	Period Two	12 months	\$ _____
2015 / 2016	Period Three	12 months	\$ _____
2016 / 2017	Option Period One	12 months	\$ _____
2017 / 2018	Option Period Two	12 months	\$ _____

PRICING SCHEDULE

Item No. 005

Installation and Removal of the Tanks

Description of Supplies and/or Services		
Cost of Installation and Removal of the contractor owned storage Tanks, with required auxiliary equipment. The removal is performed at end of contract.		
	Cost of Installation	Cost of Removal
Bulk Oxygen Storage Tank	\$_____	\$_____
Bulk Carbon Dioxide Storage Tank	\$_____	\$_____

ANNEX "C"

Supplemental General Conditions: Leased Equipment Transactions

1. Interpretation

1.1 In the Contract, unless the context requires otherwise:

- A. "General Conditions" means the general conditions that form part of the Contract;
 - B. "Delivery Date" means the date specified in the Contract for the delivery of the Leased Equipment;
 - C. "Leased Equipment Documentation" means all of the manuals, handbooks, user guides and other human-readable material to be provided by the Contractor to Canada for use with the Leased Equipment, whether it is to be supplied in printed form or on an electronic storage medium, such as a CD-ROM;
 - D. "Leased Equipment" means the Equipment leased under the Contract;
 - E. "Fully Functional Operation" means that the Leased Equipment is working according to all the Specifications, so that all of the functionalities of the Leased Equipment can be used;
 - F. "Ready for Use" describes the Leased Equipment once the Contractor has delivered it and, if applicable, has installed and integrated it so that it is available for Fully Functional Operation;
 - G. "Specifications", despite the definition in the General Conditions, for the Leased Equipment, means the functional or technical description of the Work set out or referred to in the Contract, including drawings, samples and models, and also includes, except to the extent inconsistent with anything in the Contract, any such description set out or referred to in any brochure, product literature or other documentation provided by the Contractor under the Contract, as well as any technical documentation published or made generally available by the manufacturer of any of the Leased Equipment.
 - H. "Downtime" means the time, measured in hours and whole minutes, during which the Leased Equipment is not available for Fully Functional Operation during User Time because of a malfunction of the Leased Equipment. Downtime starts when Canada notifies the Contractor that the Leased Equipment is not available for Fully Functional Operation and ends when the malfunction has been corrected and the Contractor notifies Canada that the Leased Equipment has been restored to Fully Functional Operation, unless Canada then notifies the Contractor that the Leased Equipment is still not available for Fully Functional Operation;
- 1.2 Words and expressions defined in the General Conditions and used in these supplemental general conditions have the meanings given to them in the General Conditions, unless provided otherwise. If the General Conditions contain sections entitled "Ownership" or "Warranty", those sections do not apply to the Leased Equipment. Instead, the ownership and warranty provisions in these supplemental general conditions apply to the Leased Equipment.
- 1.3 If there is any inconsistency between the General Conditions and these supplemental general conditions, the applicable provisions of these supplemental general conditions prevail.

2. State of Leased Equipment

All Leased Equipment supplied by the Contractor must:

- A. be off-the-shelf, meaning it must be composed of standard Equipment requiring no further research or development; and
- B. conform to the version of the applicable specification or part number of the manufacturer in effect at the time of delivery.

3. Delivery

The Contractor must deliver the Leased Equipment to the location(s) designated by Canada by the Delivery Date. The Contractor must pay all costs associated with replacing any item damaged in transit to the final destination. The Contractor acknowledges that no item will be considered delivered on the Delivery Date if it is damaged or otherwise not ready for Canada to begin its acceptance procedures. The Contractor must, at a minimum, package the Leased Equipment according to industry standards, and include a packing slip with each shipment. All costs associated with packaging, shipping, transportation and delivery are included in the lease rate of the Leased Equipment.

4. Installation Preparation Requirements

- 4.1 If the Contract describes special site preparation requirements, the Contractor must prepare the site for delivery or installation at its own expense according to those requirements, sufficiently in advance to meet the Delivery Date. All the costs associated with the special site preparation are included in the lease rate of the Leased Equipment.
 - 4.2 If the Contract provides that Canada is responsible for special site preparation requirements, then the following applies:
 - A. Canada must prepare the site at its own expense in accordance with the site preparation requirements described in the Contract;
 - B. If the Contract provides that there are special site preparation requirements, but does not describe them, the Contractor must deliver a complete written description of them to Canada immediately following the date of the Contract or, if the Delivery Date is more than thirty (30) days after the date of the Contract, at any time at least thirty (30) days before the Delivery Date. If the Contractor delivers the special site preparation requirements to Canada by this time, and Canada does not object to any of the Contractor's requirements within ten (10) days, Canada must prepare the site according to these requirements. If Canada is required to make any alterations or modifications because the Contractor's special site preparation requirements were incomplete or incorrect, the Contractor must reimburse Canada for any additional expenses it incurs. The Contractor guarantees that, if the site is prepared and maintained by Canada according to the special site preparation requirements, the resulting environment will permit the Leased Equipment to operate according to the Specifications;
 - C. Canada must complete the special site preparations and notify the Contractor that the site is ready at least five (5) working days before the Delivery Date, after which the Contractor may inspect the site at a time agreed to by Canada. Inspection by the Contractor does not relieve Canada of its obligation to prepare the site according to the special site preparation requirements described in the Contract; and
 - D. If Canada does not prepare the site according to the special site preparation specifications on time, unless the delay is due to an event reasonably beyond Canada's control, the Contractor will be entitled to be reimbursed for any additional costs that it can demonstrate that it reasonably and properly incurred as a direct result of the delay.
- 4.3 If the Contract does not describe any special site preparation requirements, neither subsection 4.1 nor 4.2 will apply; the Contractor guarantees that none are required for the Leased Equipment to operate according to the Specifications.

5. Installation and Integration

- 5.1 Unless provided otherwise in the Contract, the Contractor must unpack, assemble, install, and integrate all the Leased Equipment at the location(s) specified in the Contract. Where necessary to complete this part of the Work, the Contractor must provide all required moving and installation resources, including but not limited to personnel, packing material, vehicles, cranes, and floor protection panels. After completing this part of the Work, the Contractor must provide Canada's on-site representative with written notification that the Leased Equipment is Ready for Use.
- 5.2 The Contractor must supply all materials required to complete the assembly, installation, integration of the Leased Equipment at the location(s) specified in the Contract so that it is Ready for Use and acceptance, including providing and setting up all the required connections to the power supply and any other necessary utilities, cables, and any other accessories or supplies.
- 5.3 The Contractor must leave all work areas clean and tidy at the end of each workday and once the Work is complete, which includes removing and disposing of all packing materials.
- 5.4 All costs associated with the Work described in this section are included in the rate of the Leased Equipment.

6. Leased Equipment Documentation

- 6.1 The Contractor must provide to Canada the same Leased Equipment Documentation that it provides to other purchasers of similar Leased Equipment, and must include all supplements and revisions to the Leased Equipment Documentation effective up to the Delivery Date. The Leased Equipment Documentation must at least include all the documentation available to consumers from the manufacturer of the Leased Equipment about the technical specifications of the Leased Equipment, and operating instructions.
- 6.2 The Contractor guarantees that the Leased Equipment Documentation it provides is sufficiently detailed to allow Canada to use the Leased Equipment.
- 6.3 If the Contract states that the Contractor must provide maintenance documentation, the Contractor guarantees that the Leased Equipment Documentation it provides is sufficiently detailed to permit Canada, or someone authorized by Canada, to maintain and repair the Leased Equipment properly, and to test it for that purpose.
- 6.4 The Contractor must deliver the Leased Equipment Documentation to Canada with the Leased Equipment. If multiple units are delivered, unless the Contract specifically provides otherwise, the Contractor must provide one complete set of Leased Equipment Documentation with each item of Leased Equipment.
- 6.5 If there are changes to the Leased Equipment during the contract period, the Contractor must update the Leased Equipment Documentation, at no additional cost to Canada. The Contractor must provide these updates within ten (10) days of the updates being made available by the manufacturer. If available from the manufacturer, the updates must include supporting documentation that identifies any problem resolved or enhancement made to the Leased Equipment, any new feature(s) added, and any necessary installation instructions.
- 6.6 Despite anything in the General Conditions concerning copyright, the copyright in the Leased Equipment Documentation will not be owned or transferred to Canada. However, Canada has the right to use the Leased Equipment Documentation and may, for its own internal purposes, copy it for

use by individuals using or supporting the Leased Equipment, as long as Canada includes any copyright and proprietary right notices that are part of the original document.

- 6.7 Unless provided otherwise in the Contract, the Leased Equipment Documentation must be delivered in both English and French. If the Contract provides that the Leased Equipment Documentation is only required to be provided in one of Canada's official languages, Canada has the right to translate it or have it translated for its own use. Canada owns any translation and is not required to provide it to the Contractor. Canada must include any copyright and proprietary right notices that are part of the original document in any translation. The Contractor is not responsible for technical errors that arise as a result of any translation made by Canada.

7. Acceptance

- 7.1. The Leased Equipment, including all the Work related to it, is subject to acceptance by Canada. As part of its acceptance process, Canada may test any function of the Leased Equipment to determine whether it meets the Specifications. If any of the Work does not meet the requirements of the Contract, Canada may reject it or require that it be corrected at the Contractor's expense before accepting it. No payments for the Leased Equipment are due under the Contract unless the Leased Equipment is accepted.
- 7.2 Acceptance by Canada does not relieve the Contractor of its responsibility for defects in the Leased Equipment or other failures to meet the requirements of the Contract or of its warranty or maintenance obligations under the Contract.
- 7.3 The Procedure for acceptance will be as follows:
- A. the Contractor must notify the Technical Authority or any duly appointed representative thereof in writing once the Leased Equipment is Ready for Use by referring to this provision of the Contract and requesting acceptance of the Work;
 - B. Canada will have thirty (30) days to perform its acceptance procedures (the "Acceptance Period"); and
 - C. if Canada provides notice of any deficiency during the Acceptance Period, the Contractor must address the deficiency at no cost to Canada as soon as possible and notify Canada in writing once the Work is complete, at which time Canada will be entitled to re-inspect the Work and the Acceptance Period will start again.

8. Ownership of Leased Equipment

- 8.1 The Contractor will remain the owner of all the Leased Equipment, unless Canada either exercises any option to purchase the Leased Equipment included in the Contract, or purchases the Leased Equipment under a separate agreement.
- 8.2 If the Contract contains an option to purchase the Leased Equipment or any part of it, Canada will become the owner of that Leased Equipment on the date it exercises that option, or the date Canada specifies when it exercises the option, if any. Once Canada becomes the owner, Canada bears the risk of loss or damage to the purchased Equipment. Once Canada becomes the owner, no more lease payments are due under the Contract for the purchased Leased Equipment.

9. Lease Period

- 9.1 The period of the lease starts on the day the Leased Equipment is accepted and ends when it expires in accordance with the Contract (Lease Period), unless the lease is terminated earlier in accordance with the Contract.
- 9.2 Unless provided otherwise in the Contract, if the Contract allows for additional items to be leased during the contract period, regardless of when those items become part of the Leased Equipment, the Lease Period for all the Leased Equipment will end on the day that the Lease Period for the first item of Leased Equipment leased under the Contract expires.
- 9.3 If the first day of the Lease Period is not on the first day of a calendar month, then the charge for the first and last months of the lease will be the portion of the specified monthly charge determined by multiplying the number of days in the month during which the lease is in effect by 1/30 of the monthly lease charge in effect under the Contract at the time.

10. Warranty for Leased Equipment

- 10.1 Even if Canada has accepted the Leased Equipment, the Contractor warrants that, throughout the Lease Period (which is also the "Leased Equipment Warranty Period"), it will be free from all defects in materials or workmanship, be free from all design defects, and conform in all ways with the requirements of the Contract, including the Specifications.
- 10.2 This warranty does not apply to a specific item of Leased Equipment if the only reason that item fails to conform to the requirements of the Contract is because:
 - A. Canada is negligent or does not use the Leased Equipment in accordance with the Specifications; or
 - B. electric power or air conditioning or humidity control at the site does not perform according to any special site preparation requirements described in the Contract; or
 - C. a person other than the Contractor, a subcontractor, or a person approved by either of them modifies the Leased Equipment or attaches materials to the Leased Equipment that was not designed or approved for use with the Leased Equipment by the Contractor, a subcontractor, or the manufacturer of the Leased Equipment; or
 - D. Canada uses consumable supplies or materials in or on the Leased Equipment that are supplied by a person other than the Contractor or a subcontractor or a person for whom either of them is responsible, if those consumables or materials do not conform to the Specifications or to the Leased Equipment manufacturer's instructions to consumers.
- 10.3 The Contractor must provide Leased Equipment Maintenance Service for the Leased Equipment throughout the Leased Equipment Warranty Period. All charges and costs associated with providing the Leased Equipment Maintenance Service during the Leased Equipment Warranty Period are included in the lease rates. The Contractor must continue to provide Leased Equipment Maintenance Service for any part of the Leased Equipment that is repaired, replaced or otherwise made good as part of the Leased Equipment Maintenance Service for the remainder of the Leased Equipment Warranty Period that applied to the original item of Leased Equipment.

11. Termination of Lease for Convenience

- 11.1 Instead of the section of the General Conditions entitled "Termination for Convenience", this section applies to the Leased Equipment.
- 11.2 Despite anything contained in the Contract, Canada may terminate the lease for all or any part of the Leased Equipment at any time during the Lease Period by giving notice to the Contractor sixty (60) days in advance.
- 11.3 If the Contracting Authority issues a termination notice under subsection 11.2, the only amounts that the Contractor will be entitled to be paid in connection with the termination are:
- A. the monthly lease charges for the Leased Equipment, or the part of the Leased Equipment for which the lease is terminated, up to the date of termination, prorated as necessary if the termination date does not coincide with the end of the month; and
 - B. the lease termination charge, if one is specifically set out in the Contract.
- 11.4 Despite subsection 11.3, the total amount that the Contractor will be entitled to be paid in connection with the termination under subsection 11.3, together with any amounts already paid to the Contractor for the lease of the Leased Equipment, must not exceed the total Contract Price for the lease of the Leased Equipment, or, in the case of a partial termination, the portion of the Contract Price that applies to the portion of the lease that is terminated.

12. Risk of Loss or Damage to Leased Equipment

- 12.1 The Contractor agrees to bear the risk of loss of or damage to the Leased Equipment while it is being transported or installed and during the entire time the Leased Equipment is in Canada's possession, except losses or damages caused by the negligence of Canada or someone acting on Canada's behalf.
- 12.2 If the Leased Equipment is lost or damaged during the Lease Period, unless the loss or damage is caused by Canada or by someone acting on Canada's behalf, Canada is not required to make lease payments while the Contractor repairs or replaces the Leased Equipment and, at Canada's option, the Lease Period will be extended by the amount of time the Contractor takes to repair or replace the Leased Equipment. This subsection does not prevent Canada from terminating the Contract for default, if the Leased Equipment is unavailable for Fully Functional Opération for more than thirty (30) days.

13. Modifications to Leased Equipment

Canada agrees not to modify the Leased Equipment unless it obtains the Contractor's written approval, which the Contractor must not unreasonably withhold.

14. De-installation and Removal of Leased Equipment

- 14.1 The Contractor must de-install and remove the Leased Equipment promptly after the expiration or termination of the lease. If the Lease Period is different for different items of Leased Equipment, this obligation applies to each item of Leased Equipment when the lease ends. The Contractor must provide all necessary removal resources, including cranes, and must arrange for any necessary transportation, rigging and drayage in connection with the removal of the Leased Equipment from Canada's premises. All costs associated with the de-installation, removal and transportation to the Contractor's premises are included in the lease rates.

14.2 If the Contractor does not de-install and remove the Leased Equipment within thirty (30) days of the end or termination of the lease, at Canada's option, ownership of the Leased Equipment will automatically transfer to Canada or Canada may arrange for the de-installation and removal of the Leased Equipment, at the Contractor's cost. Canada may deduct this amount from any amount owing by Canada to the Contractor from time to time, under the Contract or otherwise.

15. Quiet Enjoyment

The Contractor guarantees that it has full power and authority to lease the Leased Equipment to Canada. The Contractor also guarantees that, during the Lease Period, if Canada is performing its obligations under the Contract, Canada will have unlimited use of the Leased Equipment without disturbance by the Contractor, or any person acting on behalf of the Contractor or who has rights granted by the Contractor, except when the Contractor is performing Leased Equipment Maintenance Service under the Contract.

16. Right to Withhold Lease Payments

If the Contractor is not carrying out all of its obligations under the Contract, Canada may, without affecting any other right that Canada may have, including the right to terminate for default, withhold the lease payments from the Contractor until the default is cured. The Contracting Authority may exercise this right by sending a notice to the Contractor that describes the default.