

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

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

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

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

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

Comments - Commentaires

Title - Sujet FILTER VESSELS	
Solicitation No. - N° de l'invitation 23375-160261/A	Date 2015-09-15
Client Reference No. - N° de référence du client 23375-160261	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-918-67997	
File No. - N° de dossier hp918.23375-160261	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-10-26	
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: Huda Dahir	Buyer Id - Id de l'acheteur hp918
Telephone No. - N° de téléphone (819) 956-1702 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATURAL RESOURCES 1 HAANEL DR. 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

Vehicles & Industrial 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	Filter Vessels Please see Annex "A" - Blowdown Tanks - General Requirements and Specifications and Annex "B" for information about this requirement.	23375	I - 1	6	Each	\$	XXXXXXXXXXXX		See Herein	

Solicitation No. - N° de l'invitation

23375-160261/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hp91823375-160261

Buyer ID - Id de l'acheteur

hp918

CCC No./N° CCC - FMS No/ N° VME

23375-160261

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REQUEST FOR PROPOSAL (RFP)

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PART 1 - GENERAL INFORMATION

1.1 Requirement

Natural Resources Canada requires the Filter Vessels as detailed herein, in accordance with Annex "A" – Blowdown Tanks - General Requirements and Specifications and Annex "B" attached hereto.

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

1.3 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions [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>) Manual issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract. The 2003 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: ninety (90) days

2.2 Submission of Bids

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

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) 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 to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

2.4 Applicable Laws

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

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

2.5 Environmental Considerations

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement, for this solicitation:

- Offerors / suppliers are requested to provide all correspondence including (but not limited to) documents, reports and invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.
- Offerors / suppliers should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).

-
- Product components used in performing the services should be recyclable and/or reusable, whenever possible.

2.6 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least **seven (7)** calendar days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

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

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 and
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process 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 paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and

- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

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

1. Equivalent Products

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

Section II: Financial Bid

1. Pricing

Bidders must submit their financial bid in accordance with the Basis of Payment specified in Part 6. The total amount of applicable Taxes must be shown separately, if applicable.

The Bidder must submit firm unit prices in "Line Item Detail" only. No prices must be indicated in any other section of the bid.

2. SACC Manual Clauses

2.1 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](#), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

Section III: Certifications

Bidders must submit the certifications required under PART 5 - CERTIFICATIONS.

Section IV: Additional Information

Canada requests that bidders submit the following information:

1. Delivery

While delivery of the filter vessels is requested by December 31, 2015, the best delivery that can be offered is as follows:

Item 001 – Quantity (6), filter vessels will be delivered within ____ calendar days from the effective date of the contract.

2. Manufacturer's Standard Warranty Period

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the equipment and its component that exceeds the minimum warranty period of twelve (12) months.

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 Bidders must submit, with their bid, the followings documents:

- 1) Annex "A" – Blowdown Tanks - General Requirements and Specifications.
- 2) Annex "B"

4.1.1.2 Equivalent Products

Bidders proposing substitutes and/or alternatives must provide with their bid all the information requested as detailed in Part 3, "equivalent products" to be considered for evaluation.

4.1.2 Financial Evaluation

4.1.2.1 The purpose of the financial evaluation is to determine the lowest price using the information submitted in "Line item Detail".

4.1.2.2 Bids will be evaluated on an aggregate price basis for the items and quantities.

4.2 Basis of Selection

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed [Declaration Form](#), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – List of Names

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

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

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

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](#)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

6.1 Requirement

The Contractor must deliver Quantity (6), filter vessels in accordance with Annex “A” Blowdown Tanks - General Requirements and Specifications and Annex “B”.

6.2. 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 [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.

6.2.1 General Conditions

2010A (2015-07-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3. Term of Contract

6.3.1 Delivery of Filter Vessels

Delivery of the filter vessels must be made as follows:

Item 001 - Quantity (6), filter vessels must be delivered on or before
_____ (Date to be inserted by PWGSC at time of contract award.)

6.4 Authorities

6.4.1 Contracting Authority

The Contracting Authority for the Contract is:

Huda Dahir

Supply Specialist

Public Works and Government Services Canada - Acquisitions Branch

LEFT Directorate, HP Division,

7A2, Place du Portage, Phase 3, 11 Laurier Street, Gatineau Quebec. K1A 0S5

Telephone: 819 956-1702

E-mail address: huda.dahir@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority.

The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.4.2 Procurement Authority

The Procurement Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)
Title: _____
Organization: _____
Address _____

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

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

6.4.3 Technical Authority:

The Technical Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)
Title: _____
Organization: _____
Address _____

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

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the

Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.4.4 Contractor's Representative

Name and telephone number of the person responsible for:

General enquiries

Name: _____ (To be completed by the bidder.)

Title: _____

Telephone: _____ - _____ - _____

Facsimile: _____ - _____ - _____

E-mail: _____

Delivery follow-up

Name: _____ (To be completed by the bidder.)

Title: _____

Telephone: _____ - _____ - _____

Facsimile: _____ - _____ - _____

E-mail: _____

6.5. Payment

6.5.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of their obligations under the Contract, the Contractor will be paid firm unit prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, 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.

6.5.2 SACC Manual Clauses

H1001C Multiple Payments 2008-05-12

6.5.3 Exchange Rate Fluctuation Adjustment

1. The foreign currency component (FCC) is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuation. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.

2. For each line item where a FCC is identified, Canada assumes the risks and benefits for exchange rate fluctuation, as shown in the Basis of Payment. For such items, the exchange rate fluctuation amount is determined in accordance with the provision of this clause.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provisions in the contract. The exchange rate adjustment amount will be calculated in accordance with the following formula:

$$\text{Adjustment} = FCC \times Qty \times (i_1 - i_0) / i_0$$

where formula variables correspond to:

FCC Foreign Currency Component (per unit)

i_0

Initial exchange rate (CAN\$ per unit of foreign currency [e.g. US\$1])

i_1

exchange rate for adjustments (CAN\$ per unit of foreign currency [e.g. US\$1])

Qty quantity of units

4. The initial exchange rate is typically set as the noon rate as published by the Bank of Canada on the solicitation closing date.
5. For goods, the exchange rate for adjustment will be the noon rate as published by the Bank of Canada on the date the goods were delivered. For services, the exchange rate for adjustment will be the noon rate on the last business day of the month for which the services were performed. For advance payments, the exchange rate for adjustment will be the noon rate on the date the payment was due. The most recent noon rate will be used for non-business days.
6. The Contractor must indicate the total exchange rate adjustment amount (either upward, downward or no change) as a separate item on each invoice or claim for payment submitted under the Contract. Where an adjustment applies, the Contractor must submit with their invoice form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments.
7. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form [PWGSC-TPSGC 450](#) (i.e. $[i_1 - i_0] / i_0$).
8. Canada reserves the right to audit any revision to costs and prices under this clause.

6.6. Invoicing Instructions

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. Offerors / suppliers are requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.

Invoices must be distributed as follows:

- a) The original and one copy of the Contractor's own invoice must be forwarded by mail to:

Name: _____ (To be inserted by PWGSC at time of contract award.)
Title: _____
Telephone: _____ - _____ - _____
Facsimile: _____ - _____ - _____
E-mail: _____

- b) One copy of all invoices to the PWGSC Contracting Authority.

6.7 Certifications

6.7.1 Compliance

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

6.8 Applicable Laws

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

6.9 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 (2015-07-03) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Blowdown Tanks - General Requirements and Specifications;
- (d) Annex "B";
- (e) the Contractor's bid dated _____.

6.10 SACC Manual Clauses

The following clauses set out in the SACC Manual must form part of this Contract:

A1009C	Work Site Access	2008-05-12
A9068C	Government Site Regulations	2010-01-11
B1505C	Shipment of Hazardous Materials	2006-06-16
G1005C	Insurance	2008-05-12

6.11 Inspection and Acceptance

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

6.12 Preparation for Delivery

The equipment must be serviced, adjusted and delivered in condition for immediate use.

6.13 Shipping Instructions - Delivery at Destination

The Contractor must ship the goods prepaid DDP - Delivered Duty Paid to Natural Resources Canada, 1 Haanel Drive, Ottawa, ON, K1A 1M1. Unless otherwise directed, delivery must be made by the most economical means. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.

Item 001 - the contact person for delivery is: _____ (to be inserted by PWGSC at time of contract award).

6.14 Post-Contract Award Meeting/Pre-Production Meeting

Within ten (10) working days of the receipt of the contract, the Contractor must contact the Technical Authority to determine the details of a pre-production meeting. The meeting will be held at the Contractor's plant (or via teleconference) _____ (specify location). Cost

of holding such pre-production meeting must be included in the price of the bid. Please note that the travel and living expenses for Government Personnel will be arranged and paid for by the Crown. The Crown reserves the right to carry out the Post-Contract Award Meeting/Pre-Production Meeting via teleconference.

6.15 Material

Material supplied must be new, unused and of current production.

6.16 Packaging

The methods used for preservation and packaging must be in conformity with the contractor's normal standard for domestic shipment or, if necessary, with standards for overseas shipment (as below deck cargo).

6.17 Environmental Considerations

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement:

The Contractor is requested to provide all correspondence including (but not limited to) documents and reports in electronic format unless otherwise specified by the Contracting Authority, the Technical Authority (I/A) or the Procurement Authority (I/A), thereby reducing printed material.

The Contractor should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).

Product components used in performing the services should be recyclable and/or reusable, whenever possible.

Annex "A" Blowdown Tanks - General Requirements and Specifications

The contractor must supply materials and labor to manufacture six (6) filter vessels for the CanmetENERGY high pressure combustion system operating at the following specifications. See Annex "B" for engineering drawings and bill of materials for the mandatory configuration of the filter vessels.

The contractor must meet the mandatory requirements stated below.

Item #	Requirement/Specification	Minimum	Maximum	Compliant (YES/NO)
1)	Temperature	-40 °C	397 °C	
2)	Pressure	0 psig	100 barg	
3)	Service	Lethal	N/A	
Additional Mandatory Requirements				
4)	<p>Contractor will be responsible for:</p> <ul style="list-style-type: none"> I. Submission of drawings to Technical Standards Safety Authority (TSSA) as well as insuring completed vessels pass inspection. II. Contractor will be responsible for application for all required permits and registrations from TSSA and be responsible for the associated fees. III. Have a Quality Program for fabrications, installation and testing that is registered with the TSSA. IV. Perform all tests as described in this specification. V. Supply all necessary tools, equipment, instruments, and calibration reports to perform the tests. 			
5)	<p>Contractor must use 316/316L stainless steel for all components and adhere to mandatory configuration provided in Annex B. Configuration deviations may be accepted upon review by Technical Authority, drawings must be submitted with bid package if deviations are to be considered.</p>			
6)	<p>Contractor must supply fittings which adhere to the following specifications:</p> <ul style="list-style-type: none"> - butt-welded, 316L Stainless steel ASTM A182, CRN number required 			
7)	<p>Contractor must insure all flanged connections are ANSI class 1500 with raised face and weld neck, contractor must also supply blind flanges for all flanged connections on tanks including bolts.</p>			

8)	<p>Contractor must supply bolts that adhere to the following specifications:</p> <ul style="list-style-type: none"> I. Bolts: Alloy steel studs, <i>ASTM A193 grade B7</i> II. Alloy steel hex head, <i>ASTM A194, grade 2H</i> 	
9)	<p>Contractor must provide a copy of the final documentation package as submitted to TSSA, specifically related to the work including, but not limited to:</p> <ul style="list-style-type: none"> I. Applicable qualified welding procedure specifications (WPS); II. Welders certificates; III. Non-destructive examination (NDE) operator certificates; IV. Non-destructive examination (NDE) inspection reports; V. Material mill test certificates. 	
10)	<p>Contractor must supply documentation (1 hard copy & 1 electronic copy) including operation and maintenance manuals, maintenance procedures, drawings, spare parts list and manufacturers data for components.</p>	
11)	<p>Contractor must deliver filter vessels on shipping pallets that allows for unloading using a 5 ton capacity fork lift.</p>	
12)	<p>Contractor must ensure that all internal surfaces are grinded down and polished to allow for high nickel allow surface coating on vessel internals after fabrication is complete</p>	

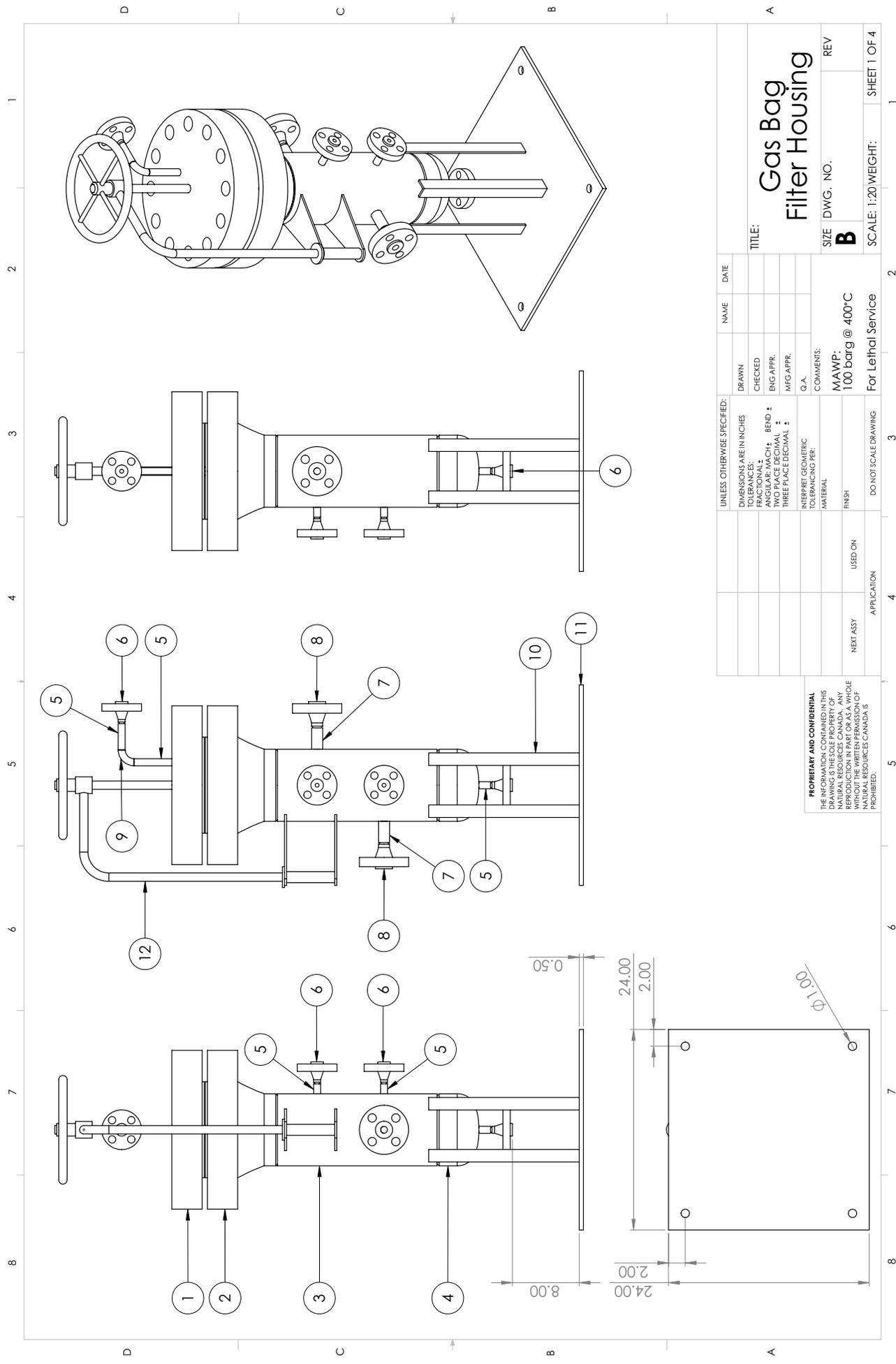
Notes to Contractor:

1.0 Background information

Environmental	
Elevation	0 ft
Ambient	-30 °C to 40 °C, 100% relative humidity

2.0 CanmetENERGY responsibilities will include:

- a) Providing a suitable location for storage and installation of the filter vessels, and structural supports for vessel installation.
- b) Supply engineering drawings with bill of materials for the mandatory configuration of the filter vessels to be delivered by the contractor.
- c) Unloading of filter vessels off of delivery vehicle.

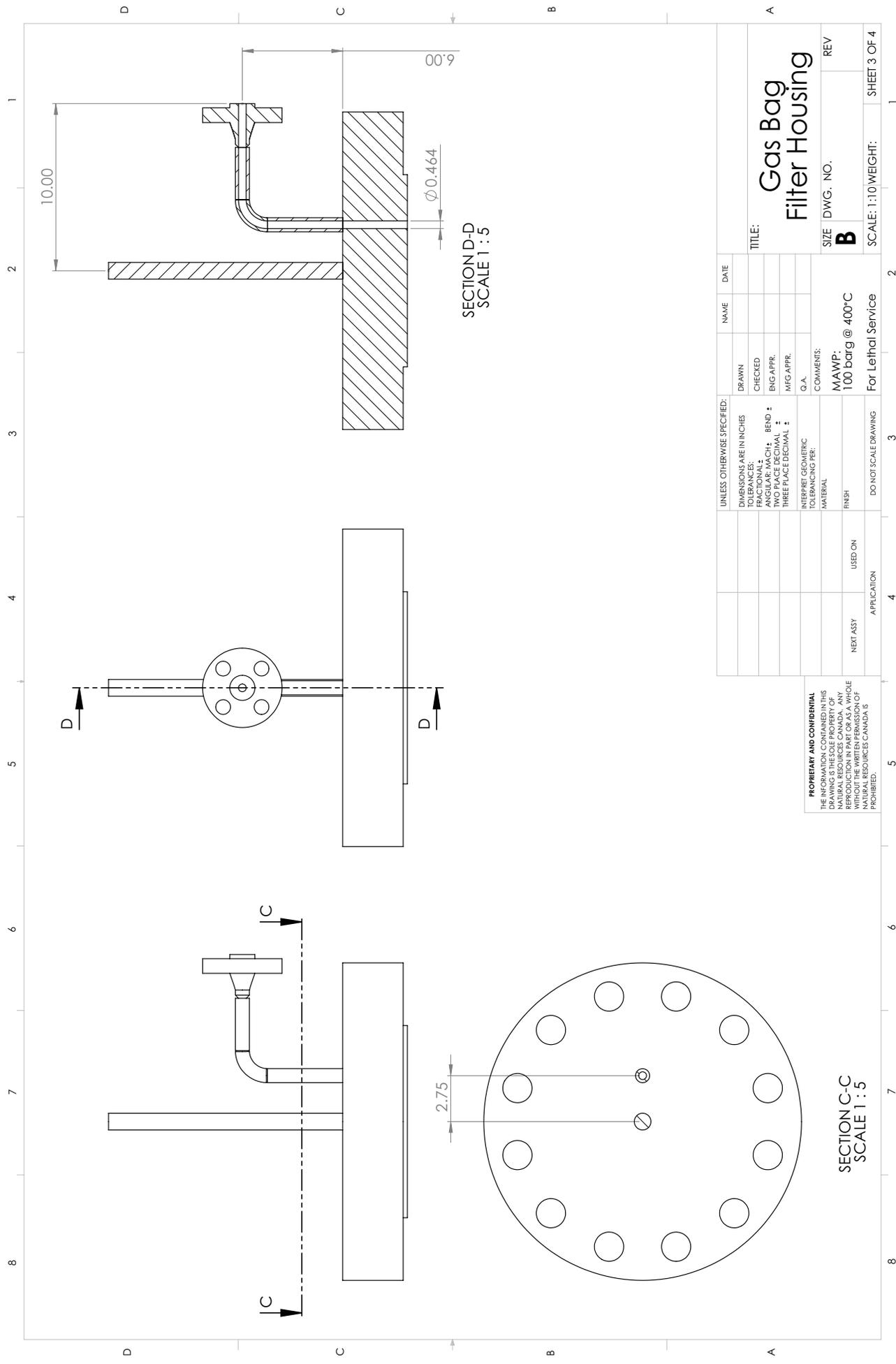


UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DRAWN			
CHECKED			
FRACTIONAL:			
ANGULAR: MACH. ±	BEND ±		
MFG APPR.			
THREE PLACE DECIMAL ±			
Q.A.			
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			
APPLICATION			
NEXT ASSY	USED ON		

Gas Bag Filter Housing

TITLE: **Gas Bag Filter Housing**
 SIZE DWG. NO. **B** REV
 SCALE: 1:20 WEIGHT: SHEET 1 OF 4

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SECTION D-D
SCALE 1 : 5

SECTION C-C
SCALE 1 : 5

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DRAWN			
CHECKED			
FRACTIONAL ±			
ANGULAR: MACH ±	BEND ±		
MFG APPR.			
MFG APPR.			
Q.A.			
COMMENTS:			
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			
NEXT ASSY		USED ON	
APPLICATION			
M.A.W.P.:		M.A.W.P.:	
100 barg @ 400°C		100 barg @ 400°C	
For Lethal Service		For Lethal Service	
SIZE	DWG. NO.	REV	REV
B			
SCALE: 1:10	WEIGHT:	SHEET 3 OF 4	

**Gas Bag
Filter Housing**

Item No.	Description	Qty.
1	NPS 8 1500 lb 316 SS Blind Flange	1
2	NPS 8 SCH 160 1500 lb 316 SS Welding Neck Flange	1
3	NPS 8 SCH 160 316 SS Seamless Pipe	1
4	NPS 8 SCH 160 316 SS Weld Cap	1
5	NPS 0.5 SCH 160 316 SS Seamless Pipe	5
6	NPS 0.5 SCH 160 1500 lb 316 SS Welding Neck Flange	4
7	NPS 1 SCH 160 1500 lb 316 SS Seamless Pipe	2
8	NPS 1 SCH 160 1500 lb 316 SS Welding Neck Flange	2
9	NPS 0.5 SCH 160 316 SS Seamless Short Radius Elbow	1
10	316 SS Angle Bar Support Leg (Total Support Capacity: 600 Kg with Davit Arm and top flange in any position)	4
11	316 SS Base Plate	1
12	Davit Arm Assembly (Capable of lifting top flange and rotating 360°)	1
13	316 SS Filter Support Ring	1

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES			
TOLERANCES:			
FRACTIONAL ±	DECIMAL ±		
ANGULAR: MACH ±	BEND ±		
WELDING ±			
THREE PLACE DECIMAL ±			
INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.	
MATERIAL		COMMENTS:	
FINISH		MAWP: 100 barg @ 400°C	
NEXT ASSY	USED ON	For Lethal Service	
APPLICATION			

TITLE:
**Gas Bag
Filter Housing**

SIZE DWG. NO. REV
B REV

SCALE: 1:10 WEIGHT: SHEET 4 OF 4

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