



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada

Place Bonaventure,
800 rue de la Gauchetière Ouest
Voir aux présentes - See herein
Montréal

Québec
H5A 1L6

FAX pour soumissions: (514) 496-3822

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Travaux publics et Services gouvernementaux Canada
Place Bonaventure, portail Sud-Oue
800, rue de La Gauchetière Ouest
7^e étage, suite 7300
Montréal
Québec
H5A 1L6

Title - Sujet MSFP Platform	
Solicitation No. - N° de l'invitation 9F052-180576/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 9F052-18-0576	Date 2019-03-21
GETS Reference No. - N° de référence de SEAG PW-\$MTB-550-15264	
File No. - N° de dossier MTB-8-41285 (550)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-05-21	
Time Zone Fuseau horaire Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Mirfatahi, Kaveh	Buyer Id - Id de l'acheteur mtb550
Telephone No. - N° de téléphone (514) 260-4106 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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

Project Title

MicroPrep System for the International Space Station (ISS)

The above mentioned Request for Proposal (RFP) is hereby amended as follows:

A. Change the bid solicitation closing date.

Under “Solicitation Closes”, on the first page of the RFP document:

DELETE in its entirety and **REPLACE** by:

May 21st 2019 at 2:00 PM (Eastern Daylight Time).

B. Bring the following changes to the RFP

Change 1:

At **Part 1.2 Summary:**

DELETE:

Description

Public Works and Government Services Canada (PWGSC) on behalf of Canadian Space Agency (CSA) located in St-Hubert, (Quebec), is seeking bids for the design of the MicroPrep System. The contract must be completed in four (4) phases: The scope of Phases A, B and C includes the design of the MicroPrep System including the manufacturing, testing, delivery of a Development Model, delivery of an Engineering Qualification Model and associated maintenance kit, ground commanding and telemetry station and ground support equipment. The scope of the optional phase D includes the manufacturing, testing, and delivery of one (1) Flight Model and two (2) Ground Models (GM) and associated commissioning and maintenance kits, ground commanding and telemetry stations and ground support equipment. The Phase D scope also includes on-orbit commissioning as well as support to launch and integration of one (1) Flight Model into the ISS.

INSERT:

Description

Public Works and Government Services Canada (PWGSC) on behalf of Canadian Space Agency (CSA) located in St-Hubert, (Quebec), is seeking bids for the design of the MicroPrep System. The contract must be completed in four (4) phases: The scope of Phases A, B and C includes the design of the MicroPrep System including the manufacturing, testing, delivery of a Development Model, delivery of an Engineering Qualification Model and associated maintenance kit, ground commanding and telemetry station and ground support equipment. The scope of the optional phase D includes the manufacturing, testing, and delivery of one (1) Flight Model and two (2) Ground Models (GM) and associated commissioning and maintenance kits, ground commanding and telemetry stations and ground support equipment. The Phase D scope also includes on-orbit commissioning as well as support to launch and integration of one (1) Flight Model **and flight cartridges (GFM)** into the ISS.

Change 2:

At **Part 2 Bidder Instructions**, Section **2.7 Mandatory Non-Disclosure Agreement Requirement**:

DELETE in its entirety and **REPLACE** by:

2.7 Mandatory Non-Disclosure Agreement Requirement

The Bidder must review the documents identified in attachment 1 to Part 2 to prepare his bid. The bidder must request the documents from the Contracting Authority listed below through e-mail. The above mentioned documents contain information that is confidential or proprietary to Canada or third party. The Bidder must sign a Non-Disclosure Agreement in the form set out in Attachment 1 to Part 2 and return the original duly signed to the Contracting Authority before being provided with **access to e-copy** of the documents. Bidders must destroy the documents mentioned above at the end of the RFP period, or upon request from the Contracting Authority within thirty (30) days following that request.

Change 3:

At **Part 2 Bidder Instructions**, Section **2.8 Bidders' Conference**:

DELETE:

A Bidders' conference will be held at 6767 Route de l'Aéroport, St-Hubert, Qc, J3Y 8Y9 on April 17, 2019 from 2 pm to 4 pm. The conference will begin at 2 O'clock EST. The scope of the requirement outlined in the bid solicitation will be reviewed during the conference and questions will be answered. It is recommended that bidders who intend to submit a bid attend or send a representative. During the conference, The National Research Council (NRC) will demonstrate the operations of the MicroPrep System. It will be possible to see the system in operation **and to observe the construction**. NRC will assist CSA during the questions and answers period.

INSERT:

A Bidders' conference will be held at 6767 Route de l'Aéroport, St-Hubert, Qc, J3Y 8Y9 on April 17, 2019 from 2 pm to 4 pm. The conference will begin at 2 O'clock EST. The scope of the requirement outlined in the bid solicitation will be reviewed during the conference and questions will be answered. It is recommended that bidders who intend to submit a bid attend or send a representative. During the conference, The National Research Council (NRC) will demonstrate the operations of the MicroPrep System. It will be possible to see the system in operation. NRC will assist CSA during the questions and answers period.

Change 4:

At **Part 4 – Evaluation Procedures and Basis of Selection**, Section **4.1.2.1 Mandatory Financial Criteria**:

DELETE:

The Bidder must submit a firm, all-inclusive lot price for the Work, which must not exceed the maximum funding available of **\$8,000,000.00** applicable taxes extra.

INSERT:

The Bidder must submit a firm, all-inclusive lot price **and Limitation of Expenditure** price for the Work, which must not exceed the maximum funding available of **\$8,000,000.00** applicable taxes extra.

Change 5:

At **Annex A – Statement of Work**, Section **1.1 Scope**:

DELETE:

The scope of the optional Phase D is the manufacturing, testing, and delivery of one Flight Model (FM) and two Ground Models (GM) and associated commissioning and maintenance kits, ground commanding and telemetry stations and ground support equipment. The Phase D scope also includes on-orbit commissioning as well as support to launch and integration of one FM into the ISS.

INSERT:

The scope of the optional Phase D is the manufacturing, testing, and delivery of one Flight Model (FM) and two Ground Models (GM) and associated commissioning and maintenance kits, ground commanding and telemetry stations and ground support equipment. The Phase D scope also includes on-orbit commissioning as well as support to launch and integration of one FM **and flight cartridges (GFM)** into the ISS.

Change 6:

At **Attachment 1 to Part 2 – Mandatory Non-Disclosure Agreement**:

DELETE in its entirety and **REPLACE** with the **Attachment 1 to Part 2 – Mandatory Non-Disclosure Agreement (Rev-1)** attached.

Change 7:

At **Attachment 1 to Part 4 of the Bid Solicitation – MSFP Evaluation Criteria**, at **Table 2: Functional and Performance Requirements Compliance Substantiation**:

DELETE:

Set	Document section	Requirements	Compliance Substantiation
1	3.2	General & ISS Requirements (separate matrix for PAR, see R2)	

INSERT:

Set	Document section	Requirements	Compliance Substantiation
1	3.2	General & ISS Requirements (separate matrix for PAR, see M3)	

Change 8:

At **Attachment 1 to Part 4 of the Bid Solicitation – MSFP Evaluation Criteria**, at **R2: Project Management and Proposed Approach**:

DELETE:

Project Schedule

The Bidder must provide a detailed project Schedule from start of contract to end of Phase D. This criterion assesses if the schedule provided in the Bidder's proposal is feasible and realistic (activity durations and activity flow are feasible, level of details in the project schedule is adequate, adequate margins are identified). The project schedule must be detailed, well substantiated, realistic and demonstrate that the Bidder can meet the proposed project milestone schedule provided in the SOW. Proposal exceeding the proposed 30 months by more than 2 months will be deemed non-compliant. Bidder will receive the full score if a credible solution is proposed to deliver at least 2 months earlier than the suggested 30 months. Bidders will receive partial compliance if a credible solution is proposed to deliver within the suggested 30 months.

INSERT:

Project Schedule

The Bidder must provide a detailed project Schedule from start of contract to end of Phase D. This criterion assesses if the schedule provided in the Bidder's proposal is feasible and realistic (activity durations and activity flow are feasible, level of details in the project schedule is adequate, adequate margins are identified). The project schedule must be detailed, well substantiated, realistic and demonstrate that the Bidder can meet the proposed project milestone schedule provided in the SOW. Proposal exceeding the proposed 30 months **(FM delivery Milestone)** by more than 2 months will be deemed non-compliant. Bidder will receive the full score if a credible solution is proposed to deliver at least 2 months earlier than the suggested 30 months **(FM delivery Milestone)**. Bidders will receive partial compliance if a credible solution is proposed to deliver within the suggested 30 months.

ALL OTHER TERMS AND CONDITIONS OF THE RFP REMAIN UNCHANGED.

**ATTACHMENT 1 TO PART 2
MANDATORY NON-DISCLOSURE AGREEMENT**

**MANDATORY NON-DISCLOSURE AGREEMENT (NDA) FOR
MICROFLUIDIC SAMPLE PREPARATION (MSFP) PLATFORM**

REQUEST FOR PROPOSAL (RFP)

**PUBLIC WORKS GOVERNMENT SERVICES CANADA (PWGSC)
FILE # 9F052-180576/A**

BY:

_____, a body corporate duly incorporated under the laws of _____, having its Head
Office located at _____;
Hereinafter referred to as the ("Supplier")

TO:

HER MAJESTY THE QUEEN IN RIGHT OF CANADA, as represented by the Minister of
Public Works and Government Services;
Hereinafter referred to as ("Canada")

The Supplier agrees that, for the purpose of preparing a response to PWGSC for the RFP (the "Purpose")
is being giving access to Confidential Information or proprietary to Canada or to third party and agrees to
comply with the obligations referred to under this NDA;

1. The Supplier acknowledges that the documents in the table below must be treated as confidential and
must not be disclosed or used in any way except in relation with the Purpose of this RFP.

Ref	Document identification	Document title
1	CSA-MFSP-RD-0001	Functional and Performance Requirements Document, Platform
2	CSA-MFSP-RD-0002	Product Assurance Requirements, Platform
3	CSA-MFSP-ID-0001	Interface Requirements Document, Platform
3	SSP 57000	Pressurized Payloads Interface Requirements Document, International Space Station Program
4	SSP 51700	Payload Safety and Requirements for ISS
5	3190 –Deep Space Gateway Science Workshop	Microfluidic Based Platform for Universal sample Preparation and Biological assays Automation for Life-Science research and Remote Medical Application
6	CSA-MFSP-CO-0001	Operational Concept Document for Commissioning Operations
7	SSP 57057	ISS Payload Integration Template
8	CSA-SE-STD-0001	CSA Systems Engineering Technical Reviews Standard.
9	CSA-ST-GDL-0001	CSA Technology Readiness Levels and Assessment Guidelines.
10	CSA-SE-PR-0001	CSA Systems Engineering Methods and Practices
11	CSA-FORM-0001	CSA Technology Readiness and Risk Assessment Worksheet
12	CSA-FORM-0003	CSA Critical Technologies Elements Identification Criteria

2. For the purpose of this NDA, Confidential Information includes, but not limited to the documents listed in paragraph 1 above and any documents, Instructions, guidelines, data, material, advice or another information whether received orally, in printed form or recorded electronically or otherwise and whether or not labeled as proprietary, that is disclosed to a person or entity or that person or entity becomes aware of for the purpose of this RFP. The bidders' conference meets this definition.

3. The Supplier agrees that the Confidential Information listed in paragraphs 1 and 2 above will not be reproduced, copied, divulged, released or disclosed, in whole or in part, in whatever way or form to any person or entity other than a person employed by the Supplier without the prior written consent of the PWGSC's Contracting Authority and for any purpose other than for the preparation of a response to this RFP.

4. The Supplier agrees to immediately notify the PWGSC's Contracting Authority if any person, other than the Supplier's current employees accesses the Confidential Information at any time.

5. Also, regardless of whether it is Confidential Information, the Supplier must at all times treat the information designated as Confidential Information and ensure it cannot be accessed by anyone excepting the Supplier's current employees, which have a legitimate "need to know" for the Purpose of presenting a RFP.

6. The Supplier shall at all times use the same degree of care as it uses to protect its own confidential information of like importance to prevent the unauthorized use or disclosure of Confidential Information, but in no event less than a reasonable degree of care. The Supplier shall not, nor shall it permit its employees to, remove any copyright, confidential, proprietary rights, or intellectual property notices attached to or included in any Confidential Information and shall reproduce all such notices on any copies of the Confidential Information.

7. The Supplier is responsible for any breach of this NDA by any of its employees, and the Supplier shall not, nor shall permit its employees to, modify, disassemble, decompile, or reverse engineer any Confidential Information even if it relates to the Purpose.

8. All the Information contained in the document listed in paragraph 1 above and all other Confidential Information disclosed under this NDA shall remain the property of Canada or a third party, or of any other person or entity to whom it lawfully belongs, as applicable.

9. Without restricting the generality of the foregoing, the Supplier recognizes that no license or conveyance of any rights to the Supplier under any discoveries, inventions, patents, trade secrets, copyrights, or other form of intellectual property is granted or implied by the disclosure of Confidential Information under this NDA.

10. The Supplier must require any proposed subcontractor with a "need to know", to execute a NDA on the same conditions as those contained in this NDA prior to disclosure of the Confidential Information. Copy of subcontractor NDA must be provided to the Contracting Authority.

11. All Confidential Information will remain the property of Canada and must be destroyed within thirty (30) days following that request by the Contracting Authority.

12. The NDA remains in force indefinitely.

13. Nothing in this NDA should be construed as preventing the disclosure or use of any confidential information to the extent that such information:

(a) is or becomes in the public domain through no fault of the Supplier or any proposed subcontractor;

Solicitation No. - N° de l'invitation
9F052-180576/A
Client Ref. No. - N° de réf. du client
9F052-180576

Amd. No. - N° de la modif.
001
File No. - N° du dossier
MTB-8-41285

Buyer ID - Id de l'acheteur
mtb550
CCC No./N° CCC - FMS No./N° VME

(b) is or becomes known to the Supplier from a source other than Canada, except any source that is known to the Supplier to be under an obligation to Canada not to disclose the information; or
(c) is disclosed under compulsion of a legislative requirement or any order of a Court or other tribunal having jurisdiction.

14. The Supplier agrees that a breach of this NDA may result in disqualification of a Supplier or a Qualified Supplier at any time, or immediate termination of the resulting Contract. The Qualified Respondent also acknowledges that a breach of this NDA may result in a review of the Qualified Supplier's security clearance and review of the Qualified Supplier's status as an eligible Supplier for other requirements.

15. The Supplier acknowledges and agrees that it will be liable for any and all claims, loss, damages, costs, or expenses incurred or suffered by Canada caused by the failure of the Supplier, or by anyone to whom the Supplier discloses the Confidential Information to comply with these conditions.

16. At close or early termination of the bid period, the Supplier must immediately deliver the Confidential Information to the Contracting Authority as well as every draft, working paper and note that contains any information related to the Confidential Information. The Supplier must not keep any Confidential Information, either soft or hard copies, once he has submitted his bid.

17. Canada reserves the right to refuse the request for access to Confidential Information.

IN WITNESS WHEREOF, this Non-Disclosure Agreement has been duly signed this day of MMMM DD, YYYY, by an authorized representative of the

Name of Supplier

Name of authorized representative (print)

Signature
(I have authority to bind the corporation)
Signed by its authorized representative

Witness:

Name of the Witness