



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
See herein

LETTER OF INTEREST
LETTRE D'INTÉRÊT

Comments - Commentaires

Title - Sujet CF-18 AVS In-Service Support CF-18 Avionics In-Service Support	
Solicitation No. - N° de l'invitation W8485-22AVS2/A	Date 2022-02-21
Client Reference No. - N° de référence du client W8485-22AVS2	GETS Ref. No. - N° de réf. de SEAG PW-\$\$BG-002-28537
File No. - N° de dossier 002bg.W8485-22AVS2	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2022-03-09 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: MacLean, Matthew	Buyer Id - Id de l'acheteur 002bg
Telephone No. - N° de téléphone (343) 576-2979 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

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
CF18 Life Extension/Prolongation de vie CF18
455 Boulevard de la Carrière-8NB44
Gatineau
Québec
K1A0S5

Delivery Required - Livraison exigée See Herein – Voir ci-inclus	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



LETTER OF INTEREST (LOI)

Title: Canadian Fighter 188 (CF188) Avionics (AVS) In-Service Support (ISS)

1. Purpose and Nature of the LOI

Through this LOI, Public Works and Government Services Canada (PWGSC) is hereby advising interested parties of Canada's intent to compete, in a single competitive procurement process, the long term in-service support services for designated CF188 Avionics Systems (AVS), CF188 Automatic Test Equipment (ATE) and CF188 specialized support equipment, including material management and logistic services for the Government of Canada, Department of National Defence (DND), Directorate of Aerospace Equipment Program Management - Fighters & Trainers (DAEPM (FT)).

The in-service support contract will include the following activities:

- Program Management Services;
- Engineering Services;
- Maintenance, Repair and Overhaul (MRO) Services;
- Materiel Management and Logistic Services; and
- Technical Information Support.

This LOI is neither a call for tender nor a Request for Proposal (RFP). No agreement or contract will be entered into based on this LOI. The issuance of this LOI is not to be considered in any way a commitment by the Government of Canada, nor as authority to potential respondents to undertake any work that could be charged to Canada. Requirements are subject to change. This LOI is not to be considered as a commitment to issue a subsequent solicitation or award contract(s) for the work described herein. There are no security requirements associated with this LOI.

2. Background Information

The CF188 fleet's in-service support is delivered through three main support contracts: Primary Air Vehicle (PAV), Avionics (AVS) and Propulsion Group (PG). These contracts are meant to provide Canada with the best combination of goods and services meeting the Canadian Armed Forces (CAF) CF188 operational, sustainment, and airworthiness requirements.

CF188 AVS ISS Draft Contracted Outcomes has been developed and can be found at Annex A of this LOI, for information purposes.



3. Potential Work Scope and Constraints

The selected Contractor will be directly responsible and accountable for CF188 AVS, ATE and related support equipment availability and performance through day-to-day management, direction, control of program activities and resources, and will be given authority to carry out these responsibilities.

The selected Contractor will provide support to various locations, including but not limited to, National Defence Headquarters (NDHQ), Ottawa, Ontario and two Main Operating Bases (MOB): 3 Wing Bagotville Quebec and 4 Wing Cold Lake Alberta. In the event of deployed operations, the selected Contractor will coordinate with Canada to fully support the deployment.

These requirements collectively are henceforth referred to in this document as "CF188 AVS In-Service Support" or ISS. As part of the CF188 Joint Weapon System Management Team (JWSMT), the CF188 AVS ISS "Prime" Contractor will be required to cooperatively interact with other CF188 main contractors, namely the "CF188 Propulsion Group" (PG) and the "CF188 Primary Air Vehicle" (PAV), in order to meet program goals.

The CF188 AVS ISS contract period is expected to cover the Estimated Life Expectancy (ELE) of the CF188 fleet, currently estimated at 2032, plus option years for disposal and close out activities which may extend after fleet ELE.

4. Key Roles and Tasks of the Contractor

Program Management Services Program Management Services encompass the management of all project processes to initiate, plan, execute, control, exchange information, and closeout all the work included in the contract. Program management includes elements of governance, project management, airworthiness management, quality system management, security management, fleet management, environmental concerns and business planning.

Maintenance, Repair and Overhaul (MRO) Services MRO Services comprise all activities required to ensure the availability and performance of AVS, ATE and related support equipment. More specifically:

- For identified ATE, and AVS Weapon Replaceable Assemblies (WRAs) and Shop Replaceable Assemblies (SRA), the selected Contractor will provide required 2nd / Intermediate and 3rd / Depot level maintenance including repair, overhaul, maintenance, modification and calibration. The selected Contractor will be responsible to coordinate as necessary with Original Equipment Manufacturer(s) (OEM)s to deliver contracted outcomes.
- The selected Contractor will maximize the use of existing DND inventory for MRO activities until depletion of stock. Once the existing inventory is fully leveraged, the Contractor will supply replacement parts and items from their own stock to deliver contracted outcomes. The selected



Contractor will be required to manage excess / obsolete inventory throughout the course of the Contract.

- The selected Contractor will provide technical assistance and engineering services to CF MOB and deployed units, including support to and participation in Mobile Repair Parties (MRP), for all technical and maintenance issues related to the Scope of Work.
- The selected Contractor will provide technical assistance and engineering services to the DND Technical Authority for the purpose of Airworthiness or other AVS/ATE in-service support requirements.
- The selected Contractor will provide maintenance record keeping and input of information into the CF188 Data Management Systems (DMS).

Materiel Management and Logistic Services Materiel Management and Logistic Services comprise all of the materiel management and related support activities/tasks, management of inventory levels, distribution, warehousing, and the generation of materiel management data.

The selected Contractor will employ a supply chain management system that provides real-time and full visibility of DND-owned items to Canada.

The selected Contractor will perform MOB on-location warehousing and inventory distribution of WRA/SRA in support of CAF MOB 1st / Operational and 2nd / Intermediate level maintenance activities.

The selected Contractor will also coordinate inventory distribution and accountability required for operational deployed activities by the flying squadrons. In the event of active deployment by the flying squadrons, the Contractor will coordinate with Canada to fully support the deployment.

Engineering Services Engineering Services comprises all engineering support services in support for contracted activities, including:

- Airworthiness compliance activities;
- Technical Investigation and Engineering Support (TIES);
- Life Cycle Management (LCM);
- Design changes;
- Configuration management;
- Integrated Logistics Support (ILS);
- Logistics Support Analysis (LSA);
- Technical data management; and
- Publications management.



The selected Contractor will maintain the Configuration Management (CM) of all off-aircraft AVS and ATE (while DND will retain the on-aircraft CF188 AVS configuration management responsibilities).

Technical Information Support Technical Information Support (TIS) encompasses all activities and associated functions required to collect, warehouse, format and deliver program data and information. The information support services will provide real time, accurate, and full visibility of AVS program data and information to DND and other Sustainment Enterprise stakeholders. The selected Contractor will be required to employ or exchange information with certain DND Information Management and Information Technology (IM/IT) systems, including Data Management System (DMS), the Data Record Management and Information System (DRMIS), and the Defence Supply Chain.

The selected Contractor will employ proven tools and processes to protect the integrity of GoC data.

5. Economic Benefits

Canada will seek to leverage this procurement through the application of the Industrial and Technological Benefits (ITB) Policy, including Value Proposition (VP).

The Industrial and Technological Benefits Policy has five (5) main objectives:

- Support the long-term sustainability and growth of Canada's defence sector;
- Support the growth of prime contractors and suppliers in Canada, including small and medium-sized enterprises in all regions of the country;
- Enhance innovation through Research and Development (R&D) in Canada;
- Increase the export potential of Canadian-based firms; and
- Identify opportunities for skills development and training in Canada.

Under the ITB Policy, companies awarded defence procurement contracts are required to undertake business activities in Canada, equal to the value of the contract. The ITB/VP may apply to this procurement and, if applicable, will look to maximize Canadian industrial participation and leverage Key Industrial Capabilities (KICs). The potential to leverage economic benefits will be a consideration in determining the final procurement strategy.

The ITB Policy is administered by Innovation, Science and Economic Development Canada, with assistance from the Regional Development Agencies. Further information regarding the ITB Policy can be found at www.canada.gc.ca/itb.



6. Legislation, Trade Agreements, and Government Policies

The following is indicative of some of the legislation, trade agreements and government policies that could impact any follow-on solicitation(s):

- a) Defence Production Act;
- b) Industrial and Technological Benefits (ITB) Policy;
- c) Defence Procurement Strategy (DPS);
- d) Controlled Goods Program (CGP);
- e) Federal Contractors Program for Employment Equity (FCP-EE);
- f) Fairness Monitor Policy;

7. Schedule:

Subject to Canada's procurement governance, the following schedule is provided for information purposes – note activities and dates are subject to change at Canada's discretion:

- LOI: February 2022
- Draft RFP issued: September 2022
- RFP issued: February 2023
- Contract Award: January 2024

8. Communications and Point of Contact:

All enquiries and other communications related to this LOI must be directed exclusively to the PSPC Contracting Authority, identified below, via email in either official language of Canada. Canada reserves the right to respond to enquiries in writing or by circulating answers to all respondents on www.BuyandSell.gc.ca. Suppliers **must not email** any enquiries which contain classified information. The Contracting Authority may, on behalf of Canada, contact any respondents to seek more information from submitted communication, follow up with additional questions, or **clarify** any aspect of the communication.

Contracting Authority:

Matthew MacLean

Supply Team Leader, CF18 Life Extension Division
Aerospace Equipment Program Directorate
Land and Aerospace Equipment Procurement and Support Sector
Public Services and Procurement Canada / Government of Canada
E-mail: Matthew.MacLean@tpsgc-pwgsc.gc.ca
Phone : 343-576-2979



Changes to this LOI may occur and will be advertised on the Government Electronic Tendering System. Canada asks Respondents to visit www.BuyandSell.gc.ca regularly to check for changes, if any.

9. Closing date for the LOI:

The LOI closing date is March 16th, 2022.

10. Requested Response

Q:Are you a vendor that is interested in the potential requirement?

A:

Q:Are you a vendor that could perform the potential work under Annex A? if yes, please provide some information related to the table in Annex A.

A:

11. Attachments

Annex A – CF188 AVS ISS Draft Contracted Outcomes



ANNEX A – CF188 AVS ISS Draft Contracted Outcomes

TYPES	OUTCOMES	DEFINITIONS
Quantity / Timeliness / Quality / Cost / Consistency	AVS Equipment Management Stewardship	The ability of the Contractor to take ownership of DND's outcomes, and ensure the necessary leadership of the mandate and the effective management of end-of-life sustainment issues as per Sustainment Initiatives principles, never leaving aside the RCAF's operational interests. The contracted services include an important element of management where the right decisions and/or recommendations will need to be taken and/or proposed in reference to activities to be executed to optimize the delivery of the required contracted Outcomes.
Quantity / Timeliness	Parts Availability (MOB)	The timely delivery at MOB first or second line units of all avionics, test equipment, or other parts specified under the AVS Contract. Ensure the performance of the related Sustainment Enterprise against such metrics as: Quantity / Quality / Timeliness / Cost / Consistency.
Quantity / Timeliness	Pack-Up Kit(s) Availability	The timely delivery of the AVS parts or equipment required as per PUK operational requirements.
Quantity / Timeliness	Technical and Financial Data Availability	The timely delivery and availability of the required technical and financial data as described in the data map and associated DID(s). Such data would include for example: 1. Top XX Unfilled Demands 2. Top XX Reliability Degraders 3. Stock Level Monitoring (items, values, etc) 5. Top XX Technical Risks 6. Top XX Financial Risks
Quality	Contract Compliance	The adherence to SOW / Terms & Conditions expectations and specifications.
Quality	Parts Reliability Compliance	The ability to meet / exceed AVS parts / equipment and support equipment reliability specifications and expectations. The ability to improve the status (including trending) of identified "AVS reliability degraders".
Quality	Parts Form / Fit / Function Compliance	The delivery of parts that are in compliance (Form/Fit/Function) with the contract specifications (i.e. minimal quality defects raised through Pre-Installation Failures (PIFs) and CF543 forms on issued parts).
Quality	Technical and Financial Data Compliance	The delivery of complete and accurate technical and financial data as per CDRLs.
Cost / Consistency	AVS Program Cost Control	The proper management of the AVS parts and equipment support cost year after year, with an objective of an overall decline of total AVS-related support costs until End of Fleet Life.



TYPES	OUTCOMES	DEFINITIONS
Cost / Consistency	Optimized AVS Asset / Sparing Levels	The reduction in the number of AVS and AVS support equipment spares to a level that is optimized to match fleet draw-down leading to End of Fleet Life by recommending and executing consistent “disposal” activities and minimizing any AVS asset procurements.
Quantity / Consistency	AVS and Engine - Materiel Management Services at MOBs	The effective and efficient delivery of materiel management services at MOBs for contractually specified materiel and equipment (AVS and Engines).
Quality	ITB/ VP Compliance	Leverage the ITB Policy to support Canada’s in-service support capabilities and generate high-value economic success to broader Canadian industry.