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**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**

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Electronics, Simulators and Defence Systems Div.  
/Division des systèmes électroniques et des systèmes de  
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K1A 0S5

<b>Title - Sujet</b> RCAF-ILS Replacement Project Projet de remplacement de l'ARC-ILS	
<b>Solicitation No. - N° de l'invitation</b> W8475-20ILS1/B	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W8475-20ILS1	<b>Date</b> 2021-06-30
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QF-123-28212	
<b>File No. - N° de dossier</b> 123qf.W8475-20ILS1	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Daylight Saving Time EDT <b>on - le 2023-05-23</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Blahey, Tim	<b>Buyer Id - Id de l'acheteur</b> 123qf
<b>Telephone No. - N° de téléphone</b> (873) 354-1679 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

**Amendment 001 is raised to incorporate the following changes:**

- To provide Industry with a copy of the PowerPoint presentation that was used for the June 1, 2021 ILS Industry Day.
- To provide Industry with Questions and Answers as a result of discussions that occurred both during the ILS Industry Day held on June 1, 2021, and the subsequent one on ones held from June 1-4, 2021.

**Question #1** - Will the slides from the Industry Day presentation be published on Buy and Sell, or will they be sent directly to Industry participants?

**Answer #1** – *The entire ILS Industry Day PowerPoint deck as presented (including the translated French version) will be posted on Buy and Sell for all to see. Individual copies will not be sent out.*

**Question #2** – Can you confirm in the potential future Request for Proposal (RFP) if PSPC will be looking for one general contractor who's going to be able to supply the materials and equipment, the system engineering, the infrastructure engineering, and also execute the construction on site?

**Answer #2** – *We are still early in the Options Analysis Phase. While this approach, given the project size, scope and budget may well be the most desirable, the procurement strategy has not yet been finalized or approved, and is subject to change and refinement up to the potential formal RFP stage.*

**Question #3** - Will a full list of Industry participants be supplied with the minutes of the meeting?

**Answer #3** – *Due to the unique circumstances involved in a virtual Industry Day, the decision was made to not share participants names or contact details. Those suppliers wishing to network can register their intent on the "List of Interested Suppliers for RCAF-ILS Replacement Project (W8475-20ILS1/B)", contained within the published ILS section on Buy and Sell, at the following address: <https://buyandsell.gc.ca/procurement-data/tender-notice/PW-QF-123-28212/list-of-interested-suppliers>*

**Question #4** - Could you comment about the status or the anticipated timeline for the project budget?

**Answer #4** - *The project is still in the Options Analysis Phase, and the timeline and budget will largely depend on the number of systems being procured, and the procurement strategy that will be developed.*

**Question #5** - Now that Industry Day is over, can my company submit any further documentation for consideration and analysis by the ILS team?

**Answer #5** – *The ILS team always welcomes any comment or submission from Industry, however, the project will be completing the BCA (Business Case Analysis) during the upcoming summer months. Using information provided by Industry on the RFI request, Industry Day, and one on one meetings, the BCA will identify, solidify and approve the preferred option of the five choices outlined for the ILS project, as identified in both the published RFI document and Industry Day presentation. If Industry has any further information that they wish to pass on to the ILS team regarding their option preference or opinion, they are asked do so within the next 30-60 days, i.e. by the end of July 2021 at the latest.*

**Question #6** – Will there be any further Industry engagement? Can my Industry team request another one on one meeting with the ILS team? Could Industry come to the ILS team for another meeting between now and 2023 (approximate RFP release time), if technology changes, or industry has updates?

**Answer #6** – *There is presently no further formal engagement planned with Industry on the ILS project. As mentioned though in the presentation, Industry is always free to contact the named PSPC project representative, if they wish to engage the ILS team further. Any request will be given due consideration with regards to timing, and the availability of the ILS team.*

**Question #7** - Would it be possible to have access to the previous RFP from the last ILS project?

**Answer #7** – *All past solicitations and requests for information (expired) are always available on Buy and Sell in an archived form. Any previous initiative that appears to represent the present ILS project must be viewed as a legacy request, and only this present ILS replacement project (W8475-20ILS1) published information is relative to any possible future ILS procurement.*

**Question #8** - Will some development be accepted, or must the system be totally Commercial off the Shelf (COTS)?

**Answer #8** - *The project is seeking a COTS system which has been certified for use, and meets the High Level Mandatory Requirements.*

**Question #9** – In section three of the previously published Request for Information (RFI), you are asking about new technology or future technology, and what may be coming available. However I do not see any reference to future technology in the Industry Day presentation. Is Canada still looking at future technologies, given that new aircraft will soon be joining the Royal Canadian Air force (RCAF) fleet?

**Answer #9** - *At this time it is expected that legacy technology ILS will be in service and supported until approximately 2040, and the project's goal is to deliver a system that meets the needs of current aircraft, without requiring modifications to existing airframes. The reference to new technology was in line with the project trying to determine if a combined legacy and modern technology solution existed. For example, an ILS paired with a GPS precision approach system. A system like this would enable the project to meet the high level mandatory requirements for exiting aircraft, as well as be capable of providing precision approach to future aircraft platforms.*

**Question #10** – The Industry Day slides appear to be referring specifically to the Localizers, but is the Department of National Defence (DND) planning on replacing the glide path components as well?

**Answer #10** - *Each of the ILS systems provided by the Contractor should be a fully functional (latest COTS version) system and should include the following (subject to change at any time):*

- 1. Localizer sub-system (including, electronics, antenna and monitoring system);*
- 2. Glide Path sub-system (including, electronics, antenna and monitoring system);*
- 3. Siting of the new Localizer and Glide Path sub-systems, including recommendations regarding physical positioning of all components, control cables, electrical power and ground layouts, and grading and drainage;*
- 4. The Contractor shall conduct any additional siting or geotechnical surveys that may be required, including work related to optional systems;*
- 5. Remote Control and Monitoring Unit (RCMU) with interlock feature in the Technical room;*

6. *Local/remote maintenance sub-system;*
7. *Status, control and monitoring components including, but not limited to, monitor status, input/output ports for government owned status and control systems, integral monitoring, and mechanical monitoring;*
8. *Equipment shelters for the Localizer and Glide Path sub-systems electronics;*
9. *Antenna support structures/towers (including lightning protection system);*
10. *Power subsystem (including backup power source);*
11. *Initial Cadre Training;*
12. *All documentation, planning, meetings and reports to be specified in the Data Item Deliverables (DIDs); and*
13. *Any other mandatory deliverables, to be identified in the Statement of Work (SOW) or other official RFP documentation.*

**Question #11** - What do you mean by the "contract could potentially be issued as a service, not just as a procurement"?"

**Answer #11** – *The traditional approach to this kind of requirement would be the acquisition of a given number of ILS systems by the Department of National Defence (DND), with a possible in service support component to the project. DND in this instance is not only looking at this traditional approach, but is also seeking feedback from Industry for a scenario where the contractor would supply and maintain the agreed upon number of ILS systems in a "turnkey" operation, of which has yet to be fully defined.*

**Question #12** - During this Options Analysis phase, what process do you intend to use to narrow down the options?

**Answer #12** - *Each option will be scored independently against multiple categories, including but not limited to: strategic alignment, fulfillment of High Level Mandatory Requirements (HLMRs), cost-benefit analysis, and risk analysis.*

**Question #13** - If DND selects for one of the four first options that was listed in the presentation, are construction and infrastructure components still included then?

**Answer #13** - *This will be decided once the project moves to the Definition Phase, and an RFP has been developed. Many projects take different approaches, and this project may require civil works to be included in the project bid.*

**Question #14** - Will Canada issue another RFI or Expression of Interest (EOI) during the Options Analysis Phase?

**Answer #14** – *There is no further RFI or EOI expected at this time for the ILS project.*

**Question #15** - With the Philips 7801 system identified as having an Estimated Life Expectancy (ELE) of 2015, will DND consider an earlier replacement if there is a major ILS outage at any RCAF Wing Main Operating Base (MOB) with a single Precision Approach system?

**Answer #15** - *This question is outside the project's Area of Responsibility, and in the event of a loss of a legacy system, the decision to replace will rest with the RCAF and the Director General of Aerospace Equipment Program Management (DGAEPM).*

**Question #16** – It was mentioned early during the Industry Day presentation about separating the Integrated Logistic support (ILS) component from the acquisition. When do you expect to know if it will be separated?

**Answer #16** - *This decision will be made during the Definition Phase of the project.*

**Question #17** – I cannot find the original RFI on Buy and Sell.

**Answer #17** – *All previously published material relating to the ILS replacement project is contained either on the active or expired sections of Buy and Sell. Industry can always contact the named PSPC representative for assistance as well. The link to the expired RFI, published on March 2/2021, is as follows:*

*<https://buyandsell.gc.ca/procurement-data/tender-notice/PW-QF-123-28134>*

**Question #18** - Which of the five options presented during Industry Day is the preferred option right now?

**Answer #18** - *There is currently no preferred option, however the more information provided by Industry on the different options, the easier it will be for the ILS team to come to a decision.*

**Question #19** - Is construction being considered as a part of the requirement?

**Answer #19** - *This will be decided once the project moves to the Definition Phase, and a Request for Proposal has been developed. Many projects take different approaches, and the ILS project may require civil works to be included in the project bid.*

**Question #20** - Is there any requirement for air conditioners to account for the heat?

**Answer #20** – *Yes, the equipment shelters will require Heating, Ventilation and Air Conditioning (HVAC) considerations to maintain the equipment at an appropriate temperature, if required.*

**Question #21** – In regards to the option where ILS is provided as a service, what service time would DND want to have for response to equipment failures?

**Answer #21** - *It is common practice to use a 72 hour return to service baseline.*

**Question #22** - Will there be an opportunity for prospective bidders to visit the proposed ILS MOB's during the RFP for site survey purposes?

**Answer #22** - *Yes, potentially as COVID restrictions lift, and funding allows. As always, this or any other project event will be communicated to Industry via Buy and Sell.*

**Question #23** – Can you please explain how DND envisions the “ILS as a service” option possibly working for the Air Force?

**Answer #23** - *This will be more clearly defined and developed if this becomes the chosen option for the project, and would be communicated to Industry via Buy and Sell.*

**Question #24** - What will the ILS project schedule entail from now to 2024?

**Answer #24** – *As per slide #49 of the Industry Day presentation, the following rough dates are provided to Industry for illustrative purposes only, and in no way denotes a firm project schedule, or the certainty that an RFP will be released for the ILS project:*

- 1). Draft RFP, September 2023.*
- 2). Final RFP release, February 2024.*
- 3). Contract award, August 2024.*

**Question #25** – Regarding the Industrial and Technological Benefits (ITB) policy, will the ITB's be ranked and clearly identified in terms of how the proposed procurement will score them, such that the evaluation criteria will be clear to Industry? Will Canada have a clear evaluation criteria for the ITB's if they are included?

**Answer #25** – *Should the ITB policy apply, there will be a clear scoring framework in the Draft and Final Request for Proposal, including a clear evaluation matrix.*

**Question #26** – If the ITB policy applies to this procurement, will there be extra ITB points for local suppliers?

**Answer #26** - *The Industrial and Technological Benefits (ITB) Policy requires the winning contractor to undertake business activities in Canada equal to the contract value – measured in Canadian Content Value. All suppliers (foreign or Canadian) in a procurement will be subject to the same ITB requirement.*

**Question #27** – Will the decision to apply ITB's on this procurement be based on feedback from bidders? What influence will any bidder have on the applicability of ITB's for the ILS procurement?

**Answer #27** - *The decision to apply the ITB policy on a procurement depends on multiple factors, including feedback from bidders, as well as market analysis and current Government of Canada priorities. Should the ITB Policy apply, industry engagement would be undertaken to determine a Value Proposition (VP) framework for the project. Interested firms submitting feedback as part of the industry engagement process will be considered when developing the VP framework.*

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**