

**SOLICITATION AMENDMENT /  
MODIFICATION DE L'INVITATION**

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

Director Services Contracting 4 (D Svcs C 4)  
Attention: Rogelio Orsetti, Procurement Officer  
By e-mail to:  
[DSvcsC4Contracting-DCSvcs4Contrats@forces.gc.ca](mailto:DSvcsC4Contracting-DCSvcs4Contrats@forces.gc.ca)

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**

**THIS DOCUMENT DOES NOT CONTAIN A  
SECURITY REQUIREMENT**

**CE DOCUMENT NE CONTIENT  
AUCUNE EXIGENCE EN MATIÈRE DE  
SÉCURITÉ**

<p><b>Solicitation Closes / L'invitation prend fin:</b></p> <p>At / à : 02:00 PM EDT</p> <p>On / le : 27-OCT-2022</p>
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<b>Title / Titre</b> Software – Scheduling Risk Assessment Tool (SRAT)	
<b>Solicitation No. / N° de l'invitation</b> W6369-22-X018	<b>Amendment No. / N° de la modification</b> 01
<b>Date of Amendment / Date de la modification</b> 19-OCT-2022	
<b>Address Enquiries to / Adresser toutes questions à:</b> Rogelio Orsetti by email to: <a href="mailto:Rogelio.Orsettipetrocelli@forces.gc.ca">Rogelio.Orsettipetrocelli@forces.gc.ca</a>	
<b>Telephone No. / N° de téléphone</b> 613-715-0853	<b>FAX No. / N° de fax</b>
<b>Destination</b>  Defence Research and Development Canada – Ottawa Research Centre Building 29 3701 Carling Avenue Ottawa, ON	

**Instructions: Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.**

**Instructions : Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.**

<b>Delivery Required / Livraison exigée</b>	<b>Delivery Offered / Livraison proposée</b>
<b>Vendor Name and Address / Raison sociale et adresse du fournisseur</b>	
<b>Name and title of person authorized to sign on behalf of vendor (type or print) / Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)</b>	
Name – Nom _____ Title – Titre _____	
Signature _____ Date _____	

**AMENDMENT 01 TO SOLICITATION NUMBER W6369-22-X018 IS RAISED TO:**

1. Extend the solicitation closing date by one (1) week from 20 October 2022 to 27 October 2022;
2. Amend Annex "A" – Statement of Requirement, correcting a numbering error; and
3. Provide clarification and answers to questions from potential suppliers.

**QUESTIONS AND ANSWERS:**

Number	Questions/Answers/Amendments
Question 1:	In which volume/section would DND prefer us to place the Bid Solicitation Form (signed cover page)?
Answer 1:	Section I – Technical Bid.

**SOLICITATION NUMBER W6369-22-X018 IS HEREBY AMENDED AS FOLLOWS:**

1. DELETE from Page 1, "20-OCT-2022" and REPLACE with "27-OCT-2022".
2. DELETE Annex "A" - Statement of Requirement in its entirety, and REPLACE with the following:

**ANNEX "A" - STATEMENT OF REQUIREMENT**

**1. TITLE**

Scheduling Risk Assessment Tool (SRAT)

**2. BACKGROUND**

Canada's Defence policy *Strong Secure Engaged* states that "Despite recent improvements, the timely delivery of projects remains a significant issue and more must be done."<sup>1</sup> To address this issue the Department of National Defence and Canadian Armed Forces 2021-22 Departmental Plan<sup>2</sup> mandates the roll-out of the scheduling three-point estimating technique. This mandate is further supported by the Materiel Group's *Materiel Transformation Campaign Strategic Initiative 17 - Implement Three Point Estimating for Project Schedules*<sup>3</sup> to enable the development and implementation of more realistic and robust project estimating techniques within the Materiel Group.

To support these initiatives, the Directorate Project Management Support Organization (DPMSO) is seeking a tool (software) which has Schedule Risk Assessment (SRA) capabilities.

**3. OBJECTIVE**

<sup>1</sup> Strong Secure Engage Canada Defence Policy – Page 74

<sup>2</sup> [DND and CAF Departmental Plan 2021-22 Department Plan](#), Section 5.2 – Page 63

<sup>3</sup> [Materiel Transformation Campaign Plan, Strategic Initiative 17](#)

The SRAT must enable DND to perform SRAs which are consistent with the practices described in Section 10.2 Schedule Health Assessment and Section 10.3 Risk and Opportunity of the National Defense Industrial Association (NDIA) [Planning and Scheduling Excellence Guide](#) (PASEG).

#### 4. DESIGN REQUIREMENTS

- 1- The SRAT must be a Commercial Off-the-Self (COTS) software solution. COTS is defined as a solution which has already been developed, tested and proven, and that no further customization is required.

#### 5. SOFTWARE COMPATIBILITY & SUPPORT REQUIREMENTS

- 1- The SRAT must be compatible with Windows 10.
- 2- The SRAT must have the capability to operate without an active Internet connection.
- 3- Over the subsequent period of three (3) years after Contract Award, the Contractor must offer standard Technical Support for users to troubleshoot and resolve issues from 8:00AM-4:00PM Eastern Time, Monday to Friday. Technical Support is defined as support for technical issues with the solution such as resolving software crashes, glitches, implementing patch updates and regular maintenance.
- 4- The Contractor must provide software maintenance (updates, patches, software fixes, etc.) over the subsequent period of three (3) years after Contract Award.

#### 6. CAPABILITY REQUIREMENTS

- 1- The SRAT must be able to seamlessly read project schedules in the native format of industry leading scheduling tools. At minimum, the SRAT must read the following project schedules in their native file formats of :
  - a. Oracle Primavera
  - b. Deltek Open Plan
  - c. Microsoft Project
- 2- The SRAT must be able to perform full schedule and cost Monte-Carlo Analysis.
- 3- The SRAT must have a feature to proactively warn a user if the quality of the schedule is insufficient to perform a Monte-Carlo Analysis.
- 4- The SRAT must provide detailed explanations for every schedule line item where there is a quality issue for performing a Monte Carlo Analysis.
- 5- The SRAT must be able to create and maintain a project risk register.
- 6- The SRAT must be able to import information from a project's risk register, where the risk register is in a MS Excel format, and insert project risk information into the SRAT's risk register.
- 7- The SRAT must be able to assign imported project risks to the imported project schedule.
- 8- The SRAT must be able to perform a Monte Carlo analysis using information from the imported project's risk register.
- 9- The SRAT must be able to perform schedule health check, which includes:
  - a. Industry recognised schedule health checks. At a minimum, the SRAT must be able to perform the US Defense Contract Management Agency 14 Point Schedule Assessment;
  - b. A minimum of two (2) other schedule health metrics; and
  - c. The ability to customize schedule health metrics.

- 10- The SRAT must be able to perform a Schedule Sensitivity Analysis (also known as the Sensitivity Tornado Chart). A Schedule Sensitivity Analysis presents the critical schedule drivers as a result of performing a schedule risk assessment.
- 11- The SRAT must be able to seamlessly perform a comparison analysis of multiple project schedules at the same time. The SRAT must be able to perform this comparative analysis in schedules from different native formats at the same time.
- 12- The SRAT must be able to export analysis reports to Microsoft Office formats (Excel, Word, etc.)
- 13- The SRAT must be able to perform "What-If Scenario Analysis".
- 14- The SRAT should be able to perform and propose scheduling acceleration scenarios.
- 15- The SRAT must be able to export analysed schedules, at a minimum, into a compatible:
  - a. Microsoft Project format
- 16- The SRAT should be able to export analysed schedules into a compatible:
  - a. Oracle Primavera format and;
  - b. Deltek Open Plan format
- 17- The SRAT must support the "3 Point Estimating" or "PERT" (Program Evaluation and Review Technique) scheduling technique.
- 18- The SRAT must be able to export analysed schedules in United States Department of Defense Schedule Performance Dataset (SPD) format.

## 7. TRAINING

- 1- Training for SRAT must be delivered through a self-learning on-line training environment. A self-learning on-line training environment is defined as electronic literature and tutorial videos which covers all of the functionalities of the SRAT which are accessible by the Internet. The SRAT self-learning on-line training environment must be a COTS solution.
- 2- The Contractor must provide access to the self-learning on-line training environment for a period of 2 years.

## 8. CONSULTING SERVICES

- 1- The Contractor must provide access to a SRAT product specialist for Consulting Services no more than five (5) business days after contract award. Consulting Services are defined as providing Subject Matter Expertise on how to optimally use the SRAT to adhere to schedule management best practices. Inquiries submitted by Canada to the SRAT product specialist must be answered within five (5) working days.

The SRAT product specialist must be able to provide consulting services by phone and virtually using a mutually agreed-to online platform such as MS Teams (preferred), WebEx or Zoom.

## 9. DELIVERABLES

- 1- Software
  - a. The Contractor must provide access to the software tool for two (2) users no more than five (5) business days after contract award.
  - b. The Contractor must ensure that each instance of the SRAT can be operated on separate computers and can be operated simultaneously.
- 2- Software Maintenance

- a. The Contractor must provide software maintenance (updates, patches, software fixes, etc.) beginning no more than five (5) business days after contract award.
- 3- Training  
The Contractor must provide access to the SRAT self-learning training environment no more than five (5) business days after contract award.
  - 4- Consulting  
The Contractor must provide the product specialist contact information, no more than five (5) business days after contract award.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.**