

Solicitation Amendment

Title: Enhancing the Cybersecurity Readiness of Canada's Road Infrastructure Owner/Operators for Higher Levels of Connectivity and Automation

Solicitation Amendment No. 005

This solicitation is hereby amended as follows:

Extend closing date:

From: March 1, 2021 @ 2:00pm Eastern Standard time
To: **March 15, 2021 @ 2:00pm Eastern Standard time**

Reference: PART 1 - GENERAL INFORMATION

Delete 1.2 Summary in its entirety:

And replace with:

1.2 Summary

1.2.1 Transport Canada is seeking consulting services with expertise in traffic management/critical infrastructure systems, cybersecurity assessment, auditing, risk management, stakeholder consultation, project management, and training course development and delivery to:

1. Develop cybersecurity profile assessment tools tailored for Traffic Management System (TMS) operations and associated infrastructure, to help road authorities evaluate their current level of cybersecurity risk management status and their target level of cybersecurity risk management status.
2. Develop guidance on creating or improving a cybersecurity risk management program for TMS operations and associated infrastructure, to help road authorities attain and maintain their targeted level of cybersecurity risk management.
3. Provide training and technical support to road authorities to perform cybersecurity assessments using the developed tools, and establish cybersecurity continuous improvement programs.
4. Provide technical support, analysis and strategic advice on an as needed basis relating to emerging cybersecurity issues in the transportation sector.

Reference: PART 3 - BID PREPARATION INSTRUCTIONS

Section II: Financial Bid

Correction: Bidders must submit their financial bid in accordance with "**Annex E**" Pricing schedule.

Reference: PART 3 - BID PREPARATION INSTRUCTIONS

Delete Section IV: Additional Information in its entirety:

This section has been removed

Reference: PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

Delete 4.2. Basis of selection in its entirety:

And replace with:

4.2 Basis of Selection

4.2.1 A0027T Highest Combined Rating of Technical Merit and Price.

To be declared responsive, a bid must:

- a. comply with all the requirements of the bid solicitation; and
- b. meet all mandatory criteria;
- c. obtain the required minimum of 65 points overall for the technical evaluation criteria which are subject to point rating; and
- d. provide a total price for Tasks 5.1-5.5 and per diem prices for Task 5.6.1 and 5.6.2

1. The rating is performed on a scale of 100 points.
2. Bids not meeting "a" or "b" or "c" will be declared non-responsive.
3. The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 70% for the technical merit and 30% for the price.
4. To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 70%.
5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price for each group of tasks in accordance with the table below and the ratio of 30%.

Tasks	Total Per Diem Bid Price	Total Evaluated Price	Weighting	Maximum Number of Points
5.1-5.5	N/A	Total fixed evaluated price in Table A of Cost Proposal	75%	22.5
5.6 [(5.6.1 + 5.6.2) / 2]	Average per diem price in Table B of Cost Proposal	N/A	25%	7.5

Total	100%	30
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6. For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.
7. Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

Notes:

*TC may choose to terminate the evaluation upon the first finding of non-compliance.

Reference PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

Delete 6.1 Security Requirements in its entirety:

And replace with:

6.1 Security Requirements

1. Before award of a contract, the following conditions must be met:
 - a) The contractor/offeror must, at all times during the performance of the contract/standing offer, hold a valid designated organization screening (DOS), issued by the CSP of the ISS, PSPC
 - b) The contractor/offeror personnel requiring access to **protected** information, assets or sensitive work site(s) must **each** hold a valid **reliability status**, granted or approved by the CSP/ISS/PSPC
 - c) The contractor/offeror **must not** remove any **protected** information or assets from the identified work site(s), and the contractor/offeror must ensure that its personnel are made aware of and comply with this restriction
 - d) Subcontracts which contain security requirements are **not** to be awarded without the prior written permission of the CSP/ISS/ PSPC
 - e) The contractor/offeror must comply with the provisions of the:
 - a) Security Requirements Check List and security guide, attached at Annex C
 - b) Industrial Security Manual (Latest Edition)
2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful Bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, Bidders should refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

Reference: PART 7 - RESULTING CONTRACT CLAUSES

Delete 7.3 Security Requirements in its entirety:

And replace with:

7.3 Security Requirements

- 7.3.1** Security requirement for Canadian supplier: Public Service and Procurement Canada file #common-professional services security requirement check list #6 apply and form part of the Contract.
- 7.3.2** The Company Security Officer must ensure through the Contract Security Program that the Contractor and individuals hold a valid security clearance at the required level.

Reference Annex "A" Statement of Work"

Delete 3 Objectives in its entirety

And replace with:

3 Objectives

Transport Canada is seeking consulting services with expertise in traffic management/critical infrastructure systems, cybersecurity assessment, auditing, risk management, penetration testing, stakeholder consultation, project management, and training course development and delivery to:

1. Develop cybersecurity profile assessment tools tailored for TMS operations and associated infrastructure, to help road authorities evaluate their current level of cybersecurity risk management status and their target level of cybersecurity risk management status.
2. Develop guidance on creating or improving a cybersecurity risk management program for TMS operations and associated infrastructure, to help road authorities attain and maintain their targeted level of cybersecurity risk management.
3. Provide training and technical support to road authorities to perform cybersecurity assessments using the developed tools, and establish cybersecurity continuous improvement programs.
4. Provide technical support, analysis and strategic advice on an as needed basis relating to emerging cybersecurity issues in the transportation sector.

Reference Annex "A" Statement of Work"

Delete 4 Scope in its entirety:

And replace with:

4 Scope

4.1 Activities within scope

The following activities pertain to completing the tasks and deliverables as outlined in section 5 and 6.

- 4.1.1** Preparing and conducting a kickoff meeting at the beginning of the project

- 4.1.2 Developing project plans to schedule, assign resources and accomplish tasks and deliverables;
- 4.1.3 Reviewing technical reports, technical standards, legislation, equipment specifications/manual, test procedures, and engineering literature;
- 4.1.4 Organizing, developing agendas, facilitating, gathering input and presenting project results at consultation sessions with stakeholders, in coordination with Transport Canada;
- 4.1.5 Providing summary reports of consultation sessions;
- 4.1.6 Facilitating and presenting at meetings and briefing sessions with Government of Canada management and employees to further disseminate required information;
- 4.1.7 Organizing (including arranging venue, training materials, and hospitality) and delivering training sessions;
- 4.1.8 Developing report outlines, and draft, interim, and final reports or deliverables;
- 4.1.9 Addressing and incorporating comments/input on all project deliverables (including project plans, report outlines, interim reports, final reports) from Transport Canada and other appropriate stakeholders, and providing comment resolution reports;
- 4.1.10 Developing graphics and schematics as needed in reports, presentations, and training materials;
- 4.1.11 Developing software based questionnaires and tools, including writing and maintaining source code (depending on the tool format determined by the Technical Authority);
- 4.1.12 Providing on-site technical support to stakeholders in setting-up and executing assessments, developing cybersecurity improvement programs, and assessing/testing system vulnerabilities and mitigation strategies;
- 4.1.13 At the contractor's expense, purchase technical standards that are required to complete any of the tasks;
- 4.1.14 Travel time by the contractors' staff;
NB: travel receipt-based costs (e.g. flights, taxis, accommodation, meals) will be reimbursed in accordance with Section 11 when preauthorized by TransportCanada and are excluded from the competitive bid price;
- 4.2 Activities out of scope:
 - 4.2.1 Translation of deliverables from English to French (this shall be arranged by Transport Canada, if and when needed).
 - 4.2.2 Conducting simultaneous interpretation during training and consultation sessions (this shall be arranged by Transport Canada, if and when needed).

Reference Annex "A" Statement of Work

Under 5 Tasks/Requirements

Delete 5.6.3 Optional Task 3 in its entirety:

This Task has been deleted from the statement of work.

Reference Annex "A" Statement of Work

Delete 8 Work location in its entirety:

Replace with:

8 Work Location

Work will be conducted at Contractor's place of business. Travel within Canada and the United States may be required to attend meetings, lead consultation sessions, deliver training, conduct testing and provide technical support. Location of meetings, consultation sessions, training sessions and on-site technical support will be determined by the project Technical Authority.

Reference Annex "A" Statement of Work

Delete 10 Contract Period in its entirety:

Replace with:

10 Contract Period

The "**Contract Period**" is the entire period of time during which the Contractor is obliged to perform the Work, which includes:

- I. The "**Initial Contract Period**", which begins on the date of Contract award to March 31, 2024 (end of Tasks 5.1-5.5 as identified in Sections 5 and 6); and the period during which the Contract is extended, if Canada chooses to exercise; and.
- II. Any options set out in the Optional Task 1 (Task 5.6.1) and Optional Task 2 (Task 5.6.2) as identified in Sections 5 and 6.

Extension Options:

Canada may exercise Optional Tasks at any time by sending a written notice to the Contractor before the expiry date of the Contract Period. Canada may exercise any combination of Optional Tasks simultaneously. The Optional Tasks may only be exercised by the Contracting Authority, and will be evidenced, for administrative purposes, through a formal Task Authorization.

Reference Annex "A" Statement of Work"

Delete 16 Security clearance requirements in its entirety:

Replace with:

16 Security clearance requirements

Resources working on Tasks 5.1-5.5 and Tasks 5.6.1 and 5.6.2 may require access to commercially sensitive information and therefore **MUST** be able to obtain Government of Canada **RELIABILITY** status.

Reference Annex "A" Statement of Work"

Under 18 Project Management

Delete 18.5 Equipment purchased for penetration testing (Task 5.6.3) in its entirety:

This Requirement has been deleted from the statement of work

Reference "Annex B" Basis of Payment

Delete 1.0 Professional Services (Task Authorization) in its entirety:

Replace with:

1. Professional Services (Task Authorization)

The Contractor will be paid for the Work specified in the authorized task authorization, in accordance with the task hourly rates detailed below:

Optional Task 5.6.1 – Additional consultation, technical support and training on an "as needed" basis for a fixed per diem price of \$ **[Insert at contract award]** (GST/HST extra)

Optional Task 5.6.2 - Cybersecurity vulnerability analysis (excludes penetration testing) and strategic advice on an "as needed" basis for a fixed per diem price of \$ **[Insert at contract award]** (GST/HST extra)

Reference Annex C – Security Requirement Checklist

Delete Security_2 Attachment

Replace with:

- **New attachment: File name - Signed Amended Modification SRCL T8080-200405**

Reference Annex “D” Evaluation Procedures and Basis of Selection

Delete Table 1: Mandatory criteria in its entirety:

Replace with:

Table 1: Mandatory criteria

No.	Mandatory Criteria	Meets Criteria (✓)	Proposal Page No.
M1	<p>The Bidder's proposed resource(s) collectively must have completed three (3) projects within the last ten (10) years that relate to performing cybersecurity assessments on critical infrastructure systems (e.g. transportation sector, financial sector, energy sector) using recognized methodology or standards such as ISO 27001, NIST CSF or other appropriate cybersecurity standards.</p> <p>Note: This can be demonstrated as a total of 3 projects completed by one or more of the proposed resource(s). The proposed resource(s) are not required to have worked on the same projects to be counted as experience.</p> <p>This must be demonstrated through <i>project summaries</i> as defined in the general requirements.</p>		
M2	<p>The Bidder must include within their proposal a detailed curriculum vitae (CV) for each of their proposed resources for this contract and identify the role of each resource in delivering the contract.</p> <p>The CV for each proposed resources must include a summary/description of the previous projects/work experience for the last 10 years, and indicate when the work was carried out and for how long.</p>		
M3	<p>At least one proposed resource must demonstrate through their CV the following experience:</p> <ul style="list-style-type: none"> • delivering presentations to large stakeholder groups (over 50 people); and 		

	<ul style="list-style-type: none"> leading technical working groups, task forces or other collaborative initiatives. 		
M4	<p>The bidder must propose a Project Manager* that has a minimum of (5)** years of project management experience.</p> <p>This experience must be demonstrated through their CV.</p> <p>*The responsibilities of the Project Manager are outlined in Section 19</p> <p>**This experience does not need to be five (5) consecutive years.</p>		
M5	<p>The Bidder must include a draft Project Plan and description of proposed approach to meeting the task requirements and managing potential project risks.</p> <p>The Project Plan must specify the weekly progress targets on all tasks and deliverables as well as the allocation of each project resource(s)'s time in person-days.</p> <p>The Project Plan must briefly describe the role of each resource on the project.</p>		
M6	<p>The technical portion of the bid must not exceed 100 pages (excluding title, table of contents, Project Plan, and CVs).</p>		

Reference Annex “D” Evaluation Procedures and Basis of Selection

Under Table 2: R1. Quality of Project Plan and description of Proposed Approach:

Delete: For the purposes of preparing the project plan, the bidder is to assume a contract award date of March 15, 2021.

Replace with: For the purposes of preparing the project plan, the bidder is to assume a contract award date of April 5, 2021.

Reference: ANNEX “E” PRICING SCHEDULE

Delete Table B – Optional work cost proposal in its entirety:

Replace with:

Table B – Optional work cost proposal

Optional Task	Per Diem Price (per person-day)
Optional Task 1: Task 5.6.1- Additional stakeholder consultation, on-site technical support and training on an “as needed” basis	\$ _____ per person-day (GST/HST extra)
Optional Task 2: Task 5.6.2 - Cybersecurity vulnerability analysis (excludes penetration testing) and strategic advice on an “as needed” basis	\$ _____ per person-day (GST/HST extra)
Average per diem price for optional tasks 1 and 2 (5.6.1 + 5.6.2) / 2	\$ _____ per person-day (GST/HST extra)

Reference: ANNEX “E” PRICING SCHEDULE

Delete Purchase of Equipment to be Tested Receipt Based Expenses in its entirety:

This Requirement has been deleted from the Pricing schedule

Reference: ANNEX “E” PRICING SCHEDULE

Delete Total Tender Prices in its entirety:

Replace with:

Total Tender Prices

Note: Refer to Basis of Selection section for evaluation weighting of tender prices.

<u>Tender price for Tasks 5.1-5.5 in 2.1 (Table A) (excluding HST)</u>	\$ _____
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<u>Tender average per Diem Price for Optional Tasks 5.6 in (Table B) (excluding HST)</u>	\$ _____
<u>Tender Price for Estimated Travel Costs in 2.3 (excluding HST)</u>	\$25,000 (GST/HST extra)
<u>Tender Price for Estimated Consultation/Training Costs in 2.4 (excluding HST)</u>	\$100,000 (GST/HST extra)
<u>Total tender price (excluding HST and per diem rates)</u>	\$ _____

All other terms and conditions of the solicitation document remain unchanged.