



Transport
Canada

Transports
Canada

PLACE DE VILLE
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OTTAWA, ONTARIO
K1A 0N5

June 22, 2021

ADDENDUM NO. 1

Subject: Request for Proposal No. T8080-200562
Train Derailment Modeling

Further to the above-mentioned Request for Proposal, this Addendum (#1) is to advise potential bidders of questions received during this tender call to date. Both the question and the response is indicated in the attached Annex A-1.

All other terms and conditions remain unchanged.

Tenderers are to acknowledge this Addendum by signing in the space provided below and enclosing a copy of this document with their tender submission.

Yours truly,

Natasha Blackstein
Contracting Specialist
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RECEIPT ACKNOWLEDGED

Name of Company _____

Signature _____

Canada

Annex A-1

- Q1.** We would like to know if you expect the hired consultant to use a specific software like Simpack MBS Software or a specific methodology to carry the study required or are you open to any choice regarding the software and methodology.
- A1. The following is added to Para 2 of the ACAN:**
For this project, Transport Canada requires the quantification of differences in puncture resistance of various types of TC-117J and TC-117R tank cars in varied derailment conditions using 3D finite element analysis modelling. Up to 11 tank car types will be evaluated in scenarios with varied train speed, ground-car coefficient of friction, force to initiate derailment, track stiffness, and ambient temperature. The model must be able to assess trains of up to 100 cars in length. Transport Canada does not specify the use of any particular modelling software to meet the goals of this project.