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Gatineau, Québec K1A 0S5
Bid Fax: (613) 997-9776

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

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Parliamentary Precinct Division/Acquisitions de la Cité
parlementaire
222 Queen Street / 222, rue Queen
Ottawa
Ontario
K1A 0S5

Title - Sujet 3D Laser Scanner	
Solicitation No. - N° de l'invitation EN388-160957/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client EN388-160957	Date 2015-11-18
GETS Reference No. - N° de référence de SEAG PW-\$PPS-008-25425	
File No. - N° de dossier 008pps.EN388-160957	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-12-08	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: DeVries, Brent	Buyer Id - Id de l'acheteur 008pps
Telephone No. - N° de téléphone (613) 990-3901 ()	FAX No. - N° de FAX (613) 990-4447
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: 30 Victoria 5th Floor, Office 5A-42 Gatineau, Quebec K1A 0M6	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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

Document: Questions and Answers

RFP: EN388-160957/A

Q1) Can mandatory requirement #17 from Appendix A be altered to increase the maximum weight limit of the scanning unit and battery by one kilogram?

A1) Yes. The maximum weight limit has been increased to 15 kg.

Q2) Can mandatory requirement #17 from Appendix A be altered to increase the maximum weight limit of the scanning unit and battery from 10kg to 14 kg?

A2) Same response as A1.

Q3) Can the minimum measurement speed requirement from mandatory requirement #3 of Appendix A be reduced from 122,000 pts/sec to 50,000 pts/sec?

A3) No. The minimum measurement speed requirement cannot be reduced below 122,000 pts/sec.

Due to the nature of the work the required acquisition speed is often a factor. Frequently we encounter situations where occupied spaces with minimum or restricted access are only available for short periods of time where the greatest amount of detail possible needs to be captured in the shortest amount of time possible.

Q4) At what distance is a maximum ranging error of +/- 2mm from mandatory requirement #3 of Appendix A acceptable?

A4) The ranging error in this instance is defined as a systematic measurement error at around 10m and 25m, one sigma.

Q5) Can the upper limit range focus from mandatory requirement #5 of Appendix A be reduced from 130m to 120m?

A5) Yes. The upper limit range focus can be reduced to 120m.

Q6) Can the minimum field of view of 300 degrees (vertical) from mandatory requirement #7 of Appendix A be reduced to 270 degrees (vertical)?

A6) Yes. The minimum field of view can be reduced to 270 degrees (vertical).

Q7) Can the maximum scanner size from mandatory requirement #16 of Appendix A be changed from 480 x 400 x 200mm to 480 x 400 x 240mm?

A7) Yes. The maximum scanner size can be changed to 480x400x240mm.

To summarize:

AT: Appendix A – Mandatory Technical Criteria

DELETE: Appendix A in its entirety

INSERT:

Appendix A

Mandatory Technical Criteria

The 3D Terrestrial Laser Scanner must meet the following specifications:

No.	Mandatory Requirement	Reference in Bid
1	Must be a portable terrestrial 3D laser scanner	
2	Scanner must be safe to operate without evacuating the area (laser class 3R (IEC 60825) or better)	
3	Must have a minimum measurement speed of 122,000 points per seconds with a ranging error of +/- 2mm (systematic measurement error at around 10m and 25m, one sigma)	
4	Must have a minimum range focus of 0.6m or less both indoor and outdoor with an upright incidence to a 90% reflective surface	
5	Must have an upper limit range focus of 120m or greater both indoor or outdoor with an upright incidence to a 90% reflective surface	
6	Must have a maximum ranging noise of 0.3mm at 10m at 90% reflectance	
7	Must have, at minimum, a field of view of 270 degrees (vertical) and 360 degrees (horizontal)	
8	Must have an integrated colour camera with automatic adaption of brightness, or support the use of external camera (minimum 70 megapixels for integrated camera);	
9	Must have a dual axis compensator	
10	Must have built in data storage, or capacity to accept external memory (CF and/or SD and/or USB drive)	
11	Must have scanner control via touchscreen display and WLAN to allow remote control of the unit (start, stop, and view scans at a distance)	
12	Scanner must include software in order to manage scanned data (view scans, register and position)	

13	Must be operable from removable/rechargeable battery pack of which a minimum of two are required in addition to an external battery pack AC charging system	
14	Battery life must be capable of powering the scanner operating continuously for a minimum of 4 hours	
15	Must have an operating ambient temperature range: 5 degrees (or lower) to 40 degrees (or higher) Celsius	
16	Must have a scanner size no greater than 480 x 400 x 240 mm	
17	Scanning unit including battery must weigh 15kg or less	
18	Scanner, batteries and charging system must be able to fit together in supplied hard transport/carrying case	
19	Included adjustable tripod must support provided tripod mount with scanner	
20	All items must be from the same OEM and/or must be demonstrated that they are directly compatible with each other	
21	Scanner, all related components (ex. cabling and accessories required for regular use) and software must have a minimum 1-year standard warranty, maintenance and technical support	
22	All electrical equipment supplied under Contract must be certified or approved for use in accordance with the Canadian Electrical Code, Part 1, before delivery, by a certification organization accredited by the Standards Council of Canada	
23	Must include user manuals (English and French: 1 copy of each) hard copy and/or digital	

Q8) With regards to the mandatory technical requirements (Appendix "A", No. 5), we have two (2) models which satisfy the criteria. Are we able to submit a proposal for both models, or should our submission reflect a single model offering?

A8) If you have two models that meet all of the mandatory technical requirements, you are free to submit two bids. This would entail providing two separate technical bids (Appendix A plus supporting technical documentation), and two separate financial bids (Appendix B). Only one Certification submission is required. See Part 3, Bid Preparation Instructions for more details.