



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

Bid Receiving/Réception des soumissions
RCMP "H" Division HQ
RCMP Mailstop # H-066
80 Garland Avenue
Dartmouth, NS B3B 0J8

**REQUEST FOR
PROPOSAL**

**DEMANDE DE
PROPOSITION**

Proposal to: Royal Canadian Mounted Police

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition à la : Gendarmerie royale du Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux appendices ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments: – Commentaires :

Title – Sujet Two (2) Robotic Total Stations Systems (with Option for Two (2) Additional Units)		Date December 14th, 2016
Solicitation No. – N° de l'invitation M4000-74539		
Solicitation Closes – L'invitation prend fin January 24th, 2017 At /à : 2:00PM		AST (Atlantic Standard Time) HNA (Heure normale de l'Atlantique)
Delivery - Livraison See herein — Voir aux présentes	Taxes - Taxes See herein — Voir aux présentes	Duty – Droits See herein — Voir aux présentes
Destination of Goods and Services – Destinations des biens et services See herein — Voir aux présentes		
Instructions See herein — Voir aux présentes		
Address Inquiries to – Adresser toute demande de renseignements à Alexandre Lanteigne alex.lanteigne@rcmp-grc.gc.ca		
Telephone No. – N° de téléphone 902-720-5109	Facsimile No. – N° de télécopieur 902-426-7136	

Delivery Required – Livraison exigée See herein — Voir aux présentes	Delivery Offered – Livraison proposée See herein — Voir aux présentes
Vendor/Firm Name, Address and Representative – Raison sociale, adresse et représentant 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



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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement associated with the requirement.

1.2 Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Procurement Ombudsman

The Office of the Procurement Ombudsman (OPO) was established by the Government of Canada to provide an independent avenue for suppliers to raise complaints regarding the award of contracts under \$25,000 for goods and under \$100,000 for services. You have the option of raising issues or concerns regarding the solicitation, or the award resulting from it, with the OPO by contacting them by telephone at 1-866-734-5169 or by e-mail at boa.opo@boa.opo.gc.ca. You can also obtain more information on the OPO services available to you at their website at www.opo-boa.gc.ca.

1.5 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA) and the Agreement on Internal Trade (AIT).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this solicitation is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this solicitation, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2016-04-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days



Insert: 120 days

2.2 Submission of Bids

Bids must be submitted only to RCMP Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile to RCMP will not be accepted.

2.3 Enquiries – Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

2.5 Promotion of Direct Deposit Initiative

The following information is not related to the solicitation process:

An initiative within the Government of Canada called the Cheque Standardization Project has been established whereby eventually for all payments, cheque stubs will no longer be printed and, with few exceptions, will be processed via direct deposit. This option is only available when payment is made in Canadian dollars for deposit into a Canadian bank account. In an attempt to be proactive, RCMP Corporate Accounting is promoting the registration of RCMP suppliers for the upcoming change in the payment process.

If you are the successful bidder on this or any other RCMP requirement, you are encouraged to register with the RCMP for direct deposit. Please contact RCMP Corporate Accounting by email to receive a form entitled *Recipient Electronic Payment Registration Request* along with instructions for completion of the form.

Should you have any questions regarding the Cheque Standardization Project or if you want to register, please contact the following email: corporate_accounting@rcmp-grc.gc.ca



PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

- Section I: Technical Bid (two hard copies)
- Section II: Financial Bid (one hard copies)
- Section III: Certifications (one hard copies)
- Section IV: Additional Information (two hard copies)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double-sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

Section IV: Additional Information

If applicable, bidders must provide two hard copies of any literary material (e.g. booklets, pamphlets, etc.) included with their bid pertaining to the product or service being offered.



3.1.1 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

The mandatory technical criteria are detailed in Annex "A" – Requirement.

4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, applicable taxes excluded. Delivery is FOB Destination, including all delivery charges, customs duties, and applicable taxes. For bidders located outside of Canada, please note that these terms correspond to Incoterms 2010 DDP (Delivery Duty Paid).

4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest total evaluated price (i.e. factoring both the price of the initial purchase and of the optional purchase) will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and associated information to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority may render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Precedent to Contract Award and Additional Information

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.



5.1.1 Integrity Provisions

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process:

- Declaration of Convicted Offences (as applicable)
- Required Documentation

5.1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

There is no security requirement applicable to this Contract.

6.2 Requirement

The Contractor must provide the items detailed under Annex "A" – Requirement.

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this contract is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this contract, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

6.3.1 General Conditions

2010A (2016-04-04), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.



6.4 Term of Contract

6.4.1 Delivery Date

All deliverables must be received on or before March 31, 2017.

6.4.2 Optional Goods

The Contractor grants to Canada the irrevocable option to purchase two (2) additional Robotic Total Stations, as described in Annex "A", under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before March 31, 2018 by sending a written notice to the Contractor.

6.4.3 Delivery Points

Delivery of the requirement will be made to the points specified in Annex "B" of the Contract.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Alexandre Lanteigne
Title: Procurement Officer, Procurement & Materiel Management
Royal Canadian Mounted Police
Telephone: 902-720-5109
E-mail address: alex.lanteigne@rcmp-grc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Technical Authority

The Technical Authority for the Contract will be determined at the time of award.

The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price, as specified in Annex "B" – Basis of Payment, for a cost of \$_____ (amount to be inserted at contract award). Customs duties are included, while applicable taxes are extra.



6.6.2 Limitation of Price

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.3 Single Payment

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.8 Certifications

6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

6.10 Priority of Documents

If there is a discrepancy between the wordings of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) General Conditions - Goods (Medium Complexity) 2010A (2016-04-04);
- (c) Annex "A" – Requirement;
- (d) Annex "B" – Basis of Payment
- (e) the Contractor's bid dated _____ (bidder to insert date of bid).



6.11 Procurement Ombudsman

6.11.1 Dispute Resolution Services

The parties understand that the Procurement Ombudsman appointed pursuant to Subsection 22.1(1) of the *Department of Public Works and Government Services Act* will, on request, and consent of the parties, to participate in an alternative dispute resolution process to resolve any dispute between the parties respecting the interpretation or application of a term or condition of this contract and their consent to bear the cost of such process, provide to the parties a proposal for an alternative dispute resolution process to resolve their dispute.

The Office of the Procurement Ombudsman may be contacted by telephone at 1-866-734-5169 or by e-mail at boa.opo@boa.opo.gc.ca.

6.11.2 Contract Administration

The parties understand that the Procurement Ombudsman appointed pursuant to Subsection 22.1(1) of the *Department of Public Works and Government Services Act* will review a complaint filed by [*the supplier or the contractor or the name of the entity awarded this contract*] respecting administration of this contract if the requirements of Subsection 22.2(1) of the *Department of Public Works and Government Services Act* and Sections 15 and 16 of the *Procurement Ombudsman Regulations* have been met, and the interpretation and application of the terms and conditions and the scope of the work of this contract are not in dispute.

The Office of the Procurement Ombudsman may be contacted by telephone at 1-866-734-5169 or by e-mail at boa.opo@boa.opo.gc.ca.



ANNEX “A” – REQUIREMENT

The Royal Canadian Mounted Police has the requirement for the supply and delivery of two (2) Robotic Total Stations with the option of purchasing up to two (2) additional units at a later date, in accordance with the requirement specified herein.

Bidders must indicate whether or not they comply with all mandatory technical criteria listed below. If needed, bidders may choose to include descriptive literature with their bids; however, two copies of copies said literature must be provided with the bid.

Bidders should comment/cross reference the page number and highlight the specification in your technical data sheets or brochure to demonstrate and support compliance with each of the mandatory technical criteria.

The Bidder must address each requirement listed below and indicate whether the proposed product is or is not in compliance with the corresponding specification.

By submitting Annex “A” - Requirement, the bidder certifies that the proposed product meets or exceeds the mandatory technical criteria contained herein and will be built/delivered as such.

It is to the Bidder’s advantage to provide as much detail as possible in the form of comments and reference to provided descriptive literature to support claims of compliance for each specification.

Please note that The Crown is under no obligation to seek clarification regarding the bid(s) or any supporting technical documentation contained therein. Failure to meet any of the below mandatory technical criteria will render your proposal non-compliant and will be given no further consideration.

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
1.	Measurement Head			
1.1	Must have a minimum environmental operating air temperature range of -20°C to +50°C			
1.2	Must have an angular accuracy of 5” or better			
1.3	Must be able to rotate 360° and measure/record the angles for each measurement point			
1.4	Must have a minimum robotic rotation speed of 40°/second or better			
1.5	Must have a functional reflector prism measuring capability (360° and standard)			
1.6	Must have a functional reflector prism measuring accuracy of 1 to 3mm			
1.7	Must have a functional reflector prism minimum working distance of 500m			
1.8	Must have a minimum prism measurement distance of 2m or less			
1.9	Must have a prism distance measurement speed of 1 to 3 seconds or better			
1.10	Must have a functional reflectorless measuring capability			
1.11	Must have a functional reflectorless measuring accuracy of 1 to 3mm			
1.12	Must have a functional reflectorless minimum working distance of 400m			
1.13	Must have a minimum reflectorless measurement distance of 30cm or less			



1.14	Must have a reflectorless distance measurement speed of 1 to 3 seconds or better			
1.15	Must be functional as a robotic and as a standard operator aimed instrument			
1.16	Must have a telescope magnification of 30x or better			
1.17	Must auto track on the prism when robotic function activated and target centre of the prism			
1.18	Must have a "find prism" feature if auto tracking is interrupted (one push button for left and one push button for right)			
1.19	Must be able to obtain measurements from a 360° prism or a standard prism			
1.20	Must have a build in laser pointer that can be activated and terminated by the user			
1.21	Must be able to functionally operate in all weather conditions (e.g. rain, snow, bright sun, sleet, heat, dust, fog, wind gusts up to 40 km/h) and be configured to measure under these conditions			
1.22	Must have a minimum battery working range of 4 to 6 hours per battery			
1.23	Batteries must be rechargeable			
1.24	Must include 2 spare batteries (three batteries total)			
1.25	Must include an AC charging system (external to the measurement head)			
1.26	Measurement head must not exceed 15 pounds (battery included)			
1.27	Must have a protective case that does not exceed 60cm long x 45cm wide x 45cm tall			
1.28	Must be able to internally store measurement data if there is no external data collector in use (minimum of 500 fixpoints and 10,000 measurement points)			
1.29	Must have external SD card or USB slot for data transfer			
1.30	Must include SD memory card or USB (minimum of 1GB)			
1.31	Must be able to communicate with an external data collector wirelessly via a built in radio handle			
1.32	Must have a minimum wireless data collector communication range of 800m and have a unique Bluetooth address to avoid radio interference			
1.33	Must be able to measure and record X, Y, and Z data (e.g. easting, northing, and elevation)			
1.34	Must have functional and accurate leveling capability (e.g. leveling bubble combined with digital leveling display)			
1.35	Must be able to fine tune the leveling of the instrument			
1.36	Must have visible optical plummet			
1.37	Must be a one person operational system (when remotely activated)			
1.38	Must include any cables designed for data transfer or software upgrades			
1.39	Must have a view screen that is visible in the bright sunlight and in full darkness conditions			



1.40	Fixpoint and measurement data must immediately write and be stored on the internal memory (when not using an external data collector) and/or have a minimum ½ hour battery backup so data is not lost if there is a sudden power loss			
1.41	Must fasten/unfasten from the tripod by way of a threaded bell to the serviceable, metal tribrach			
1.42	Must have a low-battery warning			
1.43	Must have a “out-of-level” warning			
1.44	Must come with manufacturer manual (either hard copy or digital)			
1.45	Must be able to be fully operated either directly from the measurement head keyboard or the hand held pole mountable field controller			
1.46	Must track prism without any further communication devices			
1.47	If need be, the prism search must be configurable to a defined location			

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
2.	Tripod			
2.1	Must be constructed of aluminum, fiberglass, or carbon fiber (not wood)			
2.2	Must have a threaded bell to fasten the tribrach/measurement head			
2.3	Must have height-adjustable and locking legs for uneven surfaces			
2.4	Must be stable on asphalt, concrete, gravel, soil, and icy surfaces			
2.5	Must not weigh more than 7 pounds (excluding measurement head)			
2.6	Must be able to fold up and be transportable by vehicle			
2.7	Must have a carry strap and be transportable by a person			
2.8	Must be a minimum of 1m long (collapsed) and a maximum of 2m long (extended) and no wider than 25cm (at the foot pegs)			

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
3.	Data Collector			
3.1	Must have a minimum operating range of -25°C to +50°C			
3.2	Must have a minimum battery working range of 8 hours per battery			
3.3	Must have an internal backup battery to avoid loss of measurement data in the case of a sudden loss of power			
3.4	Data collector must be able to attach/detach from the prism pole, and include all mounts/brackets for operational use			
3.5	Must be able to connect to a Windows 7 and Windows 10 Operating Systems to extract measurement data			



3.6	The screen must be clearly visible in direct sunlight and full darkness lighting conditions			
3.7	Must include stylus (if applicable), all cables, mounts, and software			
3.8	Must have a rechargeable battery			
3.9	Must weigh less than 5 pounds (battery included)			
3.10	Must have external SD card or USB slot			
3.11	Must include SD card or USB (minimum of 1GB)			
3.12	Must include an AC battery charging system			
3.13	Must include any cables required to connect to a computer system for data transfer, software updates, and general communication settings (e.g. USB cable)			
3.14	Must be able to code or input descriptions for each measurement (multiple attributes preferred)			
3.15	Must be a wireless data collector and have a minimum measurement head communication range of 800m			
3.16	Must be a touch-screen			
3.17	Must have a minimum non-volatile internal storage memory of 1GB and measurement data must be able to be stored within it			
3.18	Must be tablet or keyboard data collector and possess a full keypad			
3.19	Must have a viewing screen capable of viewing measured points			
3.20	Must be able to select two points on the viewing screen and obtain a horizontal measurement			
3.21	Must wirelessly communicate with the measurement head and have a unique Bluetooth address to avoid radio interference			
3.22	Must have a low-battery warning			
3.23	Must have an “out-of-level” warning if measurement head is out of level			
3.24	Must have a viewing screen that is a minimum of 4” and a maximum of 8”			
3.25	Must have functional measurement software			
3.26	Must be able to transfer measurement data from internal memory to a SD card or USB stick (and vice versa)			
3.27	All components of the data collector operating system must be able to be backed up and transferred to a SD card or USB stick in the event a replacement controller is required			

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
4.	Prism			
4.1	Must include 360° prism			
4.2	Prism must be able to attach and detach from the prism pole by a plug-in style (not threaded)			
4.3	Must include protective case			
4.4	Prism must be recognized and tracked by the measurement head			

No.	Specification	Compliance	Comment(s)/Cross
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5.	Prism Pole	YES	NO	Reference
5.1	Must be extendable with a minimum working height of 1.30m			
5.2	Must be extendable with a maximum working height of 3.0m			
5.3	Must have a visible height measurement value in metric (1cm intervals)			
5.4	Must be adjustable within the required working height			
5.5	Must be made of aluminum or other metal alloy. Must not be primarily constructed of plastic or fiberglass			
5.6	Must be able to attach a 360° and standard prism (separately) by a plug-in style (not threaded)			
5.7	Must be able to attach and detach the prism from the prism pole			
5.8	Must include all mounts/brackets to fasten the data collector			
5.9	Must have a 8' circular leveling bubble			

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
6.	Software			
6.1	Must include any software necessary for the measurement head to communicate with the data collector			
6.2	Must include software necessary for the measurement head to obtain and record measurements			
6.3	Must include software to be able to traverse locations			
6.4	Must include software necessary for the data collector to obtain and record measurements			
6.5	Measurement data must be able to convert into a variety of formats for use in CAD software programs (e.g. MapScenes, FARO 360, Visual Statement, Edge FX, etc.)			
6.6	Must include software to allow communication of measurement head and data collector to Windows 7 and Windows 10-based computers			
6.7	Must be able to code or input descriptions for each measurement (multiple attributes preferred)			
6.8	Must include software necessary for total station setup and configuration			
6.9	Must include software licenses for the measurement head and for the data collector			

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
7.	Training			
7.1	Must include training (in English) for functionality of measurement head, data collector, prism, prism pole, tripod, on board software, and data transfer. This does not include training on how to survey or measure a scene. Training will be for up to four persons. For reasons of security, training may not be held on RCMP premises.			
7.2	Training must be a minimum 1 full day (8 hours) and			



	provided within the Dartmouth, N.S. area			
7.3	Training will be provided within 1 month of the equipment delivery date			

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
8.1	Supplier must maintain a factory-certified service technician for all servicing and calibrations, both distance and angular, as well as the external data collector within 50kms of the Halifax Regional Municipality, Nova Scotia			

No.	Specification	Compliance		Comment(s)/Cross Reference
		YES	NO	
9.1	Entire total station system must be covered under one-year warranty			



ANNEX "B" – BASIS OF PAYMENT

The bidder must provide a firm unit price in Canadian dollars, Goods and Services Tax and Harmonized Sales Tax excluded. Delivery is FOB Destination, including all delivery charges, customs duties, and applicable taxes. For bidders located outside of Canada, please note that these terms correspond to Incoterms 2010 DDP (Delivery Duty Paid).

Delivery address: 80 Garland Avenue, Dartmouth, NS B3B 0J8.

Bids must comply with all mandatory technical criteria, as laid out in Annex "A" – Requirement, to be declared responsive. The responsive bid with the lowest total evaluated price (i.e. factoring both the price of the initial purchase and of the optional purchase) will be recommended for award of a contract.

Item	Quantity (A)	Unit Price (B)	Extended Price (A x B)
Robotic Total Station System	2		
			Subtotal
			HST (15%)
			Total

OPTION:

Item	Quantity (A)	Unit Price (B)	Extended Price (A x B)
Robotic Total Station System	2		
			Subtotal
			HST (15%)
			Total

Shipping:

Where applicable, suppliers are encouraged to:

- **Minimize packaging;**
- **Include recycled content in packaging;**
- **Re-use packaging;**
- **Include a provision for a take-back program for packaging;**
- **Reduce/eliminate toxics in packaging.**



ANNEX “C” – OPTIONAL ITEMS

The specifications listed below will not be evaluated as part of the mandatory technical criteria. As such, a bid will not be deemed compliant or non-compliant based solely on the availability or unavailability of an optional item with respect to a bidder’s proposed product/model.

Important Note: Optional items are not to be included in the bidder’s pricing at Annex “B” – Basis of Payment.

No.	Specification	Availability		Comment(s)/Cross Reference
		YES	NO	
9.	Optional Item(s)			
9.1	Imbedded camera in the data collector			
9.2	Extended warranty (2 years +)			