

**South Nation River Conservation Authority (SNC)
Bid Document**

Request for Tenders (RFT)

**Expansion of SNC's Real-time Hydrologic Monitoring Network
2017**

Tender Opening

Date: January 31, 2017

Time: 4:00 p.m. local time

Posted on Biddingo and SNC website. SNC is not responsible for 3rd party re-postings.

Tender Closing

Date: February 13th, 2017

Time: 12:00 p.m. local time

Location: South Nation Conservation
38 rue Victoria Street
Finch, Ontario
K0C 1K0

Attn: Carl Bickerdike
Team Lead, Corporate Services

Late bids will not be accepted.

SNC reserves the right to accept or reject all or part of any Bid and also reserves the right to accept other than the lowest Bid and to cancel this Request for Tenders at any time.

1. Purpose and Introduction

South Nation Conservation (SNC) is requesting tender submission to outfit nine (9) existing Provincial Groundwater Monitoring Network (PGMN) well locations with additional monitoring (soil moisture, all-weather precipitation/water equivalency, and air/barometric pressure), and/or telemetry equipment to expand the real-time hydrologic monitoring network within the jurisdiction. Data is to be transmitted over the GOES satellite system.

In this RFT, the successful Proponent shall be referred to as the Vendor.

2. Background Information

2.1. Provincial Groundwater Monitoring Network

South Nation Conservation (SNC) partners with the Ministry of Environment and Climate Change to administer the Provincial Groundwater Monitoring Network in the SNC jurisdiction. There are currently 17 wells located at 13 different locations throughout the jurisdiction that are included in this network. Wells are currently instrumented with SOLINST Edge levelloggers to monitor, and log water levels on an hourly basis. Two well locations are currently equipped with FTS Axiom Dataloggers, and data is transmitted hourly over the GOES Satellite Network. SNC is requesting tenders to equip nine (9) existing PGMN well locations with additional hydrometric and/or telemetry equipment. These PGMN monitoring well locations are shown in Figure 1 in Attachment 1. The GPS coordinates, new equipment/real-time data transmission needs, as well as existing deployed equipment located at the monitoring wells are described in Table 1 in Attachment 1. Pictures of site locations are provided in Figures 1 through 10 in Attachment 2. Sites are accessible by truck.

Protective casings (See Figure 1 in Attachment 2) are installed at each well, and may be used to house equipment/telemetry systems. Dimensions for these casings are provided in Attachment 3.

3. Closing Time

One original, and three copies of the Tender Bid Document, properly signed and sealed is to be submitted to SNC, Reception, 38 Victoria Street, Finch, Ontario, **prior to 12:00 p.m. on Monday February 13, 2017 (the “Closing”)**.

Time registered on SNC's digital phone system will be considered the official time to determine exact time of submission.

Submissions received after the Closing will not be accepted; however, they shall be time and date stamped and returned to the Proponent unopened.

4. Tender Opening and Results

All Submissions received on time will be opened on **Monday, February 13, 2017 after 12:00 p.m.**

The names of the Proponents who have submitted a Tender will be identified at the opening and the financial information, as identified in Appendix C, will be publicly disclosed. This information is unofficial, subject to review and award.

5. Contact Information and Questions

5.1. Contacts

[Proponents](#) may only contact Carl Bickerdike, Team Lead, Corporate Services, **in writing only**, by email to cbickerdike@nation.on.ca, with questions related to this Request for Tender.

Carl Bickerdike is SNC's official contact person for this RFT. All other SNC employees and Board Members are not permitted to discuss this RFT process with a potential Proponent at any time. Once an award report has been prepared and submitted to the Board of Directors for decision, the decision will become available.

Proponents are cautioned therefore, to deal exclusively with the SNC contact person referenced in this section.

5.2. Errors, Omissions and Questions

SNC accepts no legal liability for any errors or omissions in any part of this RFT.

Proponents with questions related to this RFT, finding errors in, or omissions

from the Document, or having doubt as to the meaning or intent of any part of this Document, must contact the SNC contact listed in Section 5.1, **before 4:00 p.m. on February 7th, 2017**. [To allow sufficient time to respond to or prepare and distribute an addendum as necessary, and to allow time for Proponents to receive any new information.]

Proponents should accurately reference the numbered item of the solicitation to which the enquiry relates. Care should be taken by the Proponents to explain each question in sufficient detail in order to enable SNC to provide an accurate answer. No questions will be accepted **after 4:00 p.m. February 7th, 2017**.

Nothing in the RFT is intended to relieve the Proponent from forming their own opinions and considerations concerning matters addressed in the RFT.

There will be no consideration of any claim after tender submission, that there is any misunderstanding respecting conditions imposed by the contract.

6. Instructions to Proponents

6.1 Addenda

The RFT may be amended only by an addendum in accordance with this section. If SNC, for any reason, determines that it is necessary to provide additional information relating to the Request for Tenders, such information will be communicated to all Proponents through the SNC Contact by addenda. Each addendum forms an integral part of the RFT.

SNC will issue all written addenda to the RFT by e-mail to each proponent who has provided an e-mail address.

Such addenda may contain important information, including significant changes to the RFT. It is the Proponent's responsibility to ensure all addenda have been received and are reflected in their tender submission.

6.2 Tender Submission

The Submission shall be typed or written in ink. It shall contain original signatures where required; shall clearly be marked "**ORIGINAL**" and shall include all requirements of this RFT, as set out in **Section 9.0 "To Include in Tender"**. The Proponent should submit **three (3) copies** of all submission requirements.

Offers made in the Submission will be considered by SNC to be binding and irrevocable and shall remain open for acceptance by SNC for a period of ninety (90) days from the Tender Closing.

A Submission shall be considered only if submitted in an envelope sealed and clearly addressed to **“South Nation River Conservation Authority”, 38 Victoria Street, Finch Ontario, K0C 1K0**. It should be marked **“Request for Tenders: Expansion of SNC’s Real-time Hydrologic Monitoring Network”**, and include the name and address of the Proponent.

Proponents should not send Tenders collect by courier or with insufficient postage. Tenders determined to be “collect” by courier or with insufficient postage will not be accepted.

Faxed or emailed submissions will not be accepted.

6.3 Adjustments to Submissions

Adjustments to submissions by telephone, email, or fax will not be considered.

6.3.1 Request to Adjust a Submission Before Closing

A Proponent wishing to make adjustments to a Submission must supersede it with a later Submission, which must be received by the closing time.

6.3.2 Request to Withdraw a Submission Before Closing

A Proponent who has submitted a Tender may request that their Submission be withdrawn before the closing time. The request must be provided in writing, on company letterhead, and include contact information for verification. Authenticity of the request may be confirmed by SNC. Submissions withdrawn under this procedure cannot be reinstated.

6.3.3 Request to Withdraw a Submission During Tender Opening

No request for withdrawal of a Submission shall be permitted during, or at any time after, the opening process.

6.4 Insurance

6.4.1 General Liability Insurance

The Vendor shall procure and maintain Comprehensive General Liability Insurance:

- a) Having a limit of liability of not less than **two million dollars (\$2,000,000)** inclusive for any one occurrence;
- b) Including insurance against liability for bodily injury and property damage caused by vehicles or equipment owned by the Vendor;
- c) Being endorsed to provide that the policies will not be altered, cancelled, or allowed to lapse without thirty (30) days prior written notice to SNC;
- d) Name SNC as an additional insured party; and
- e) Contain a cross-liability clause.

The Vendor shall pay for all premiums and expenses incurred for the insurance.

Should any claim(s) arise, the Vendor shall be financially responsible for paying for any amount(s) up to and including the deductible amount under their policy.

6.4.2 Vehicle Insurance and Licensing

The Vendor shall maintain a vehicle insurance policy to cover all licensed vehicles owner/leased by the Vendor to be used while providing the goods/services.

The Vendor shall also ensure that all sub-contractors have valid coverage with the same limits and wording as outlined in this Section, for those licensed vehicles owned/leased by them being used while providing the goods/services.

The Vendor shall maintain vehicle insurance, which shall:

- a) Have a limit of liability not less than **two million dollars (\$2,000,000)** in respect of any one accident or occurrence;
- b) Include part bodily injury including death, property damage and basic accident benefits and coverage not less than the insurance wording shown in the Standard Ontario Automobile Policy form OAP-1; and
- c) Be endorsed to provide that the policies will not be altered, cancelled or allowed to lapse without thirty (30) days prior written notice to SNC.

The insurance company must be satisfactory to SNC.

Should any claims arise, the Vendor shall be financially responsible to pay for any amount(s) up to and including the deductible amount under their policy.

6.4.3 Proof of Insurance

The Proponent shall provide proof of insurance required in Items 6.4.1 and 6.4.2 with their Tender submission.

In the event that satisfactory proof of insurance cannot be provided, a letter from the Proponent's insurance company confirming that the Proponent will be able to obtain the required insurance will suffice.

The insurance company must be satisfactory to SNC.

6.4.4 Certificate of Insurance

Within ten (10) working days of notification of award of this RFT and prior to the start of any work, the Vendor shall file with SNC, together with the signed Contract, a Certificate of Insurance, clearly stating that all the insurance coverage required complies with all requirements listed in **Item 6.4.1 and 6.4.2**.

If the Vendor fails to file the Certificate of Insurance with SNC within ten (10) working days of notification of award of this RFT, SNC reserves the right to cancel the award.

6.5 Workplace Safety and Insurance Act and Employment Insurance

The Proponent must submit with their Tender Submission a valid and current "Clearance Certificate" from the Workplace Safety and Insurance Board ("WSIB"), or a letter from the WSIB confirming their exemption. This information is available to the Proponent on-line at **wsib.on.ca**.

The Vendor, within ten (10) working days of notification of award of this RFT and prior to the start of any work, shall provide SNC with a valid and current Clearance Certificate from the WSIB.

If the Vendor does not provide a valid and current Clearance Certificate as herein requested, or proof of exemption, or proof of application for exemption, SNC reserves the right to cancel the award.

The Vendor shall be responsible for providing Worker's Compensation coverage for their employees, and no extras will be allowed for such items.

The Vendor clearly understands and agrees that they are not, nor is anyone hired by them, covered by SNC under the **Workplace Safety Insurance Act, Employment Insurance Act**, or any other act, whether provincial or federal, in

respect of themselves, their employees and operations, and shall, upon request, furnish SNC with satisfactory evidence that they have complied with the provisions of any such acts.

6.6 Contract

Once the RFT is awarded, this RFT, all addenda issued and the Tender submitted by the successful proponent will become the Contract. SNC will issue a formal Purchase Order as confirmation of the award of Contract. The successful proponent must accept SNC's Purchase Order/Contract, which will supersede all other contracts. SNC reserves the right to reject any Tenders submitted which may be restricted by clauses or by any agreements or by restrictive statements of any kind in a Proponent's Tender submission.

Failure to execute the Contract or to file any of the required documentation required in this RFT, within the specified time period, shall be just cause for the cancellation of the award.

7. General Terms and Conditions

The following terms and conditions are deemed accepted by all Proponents in response to this RFT and are deemed incorporated into every contract resulting from this RFT:

7.1 Freedom of Information

All information obtained by the Proponent in connection with the preparation of this Tender is the property of SNC and must be treated as confidential. It may not be used for any purpose other than for replying to this RFT, and for fulfillment of any subsequent contract. Any Proponent who requires that the information in its Tender Submission be kept confidential must explicitly advise SNC of that fact.

The Proponent may declare confidentiality of their Tender Submission; however, SNC is required by law to adhere to the requirements of the Municipal Freedom of Information and Protection of Privacy Act, as amended from time to time.

7.2 The Occupational Health and Safety Act

The Vendor shall comply with all conditions and regulations of the Occupational

Health and Safety Act 1990 and amendments thereto, any other Federal or Provincial statute or local bylaw concerning safety or any other phase of work on this contract.

7.3 Compliance with Codes, Regulations and By-Laws

The Vendor agrees to obey all government, municipal and underwriters codes and regulations, etcetera and perform all work in accordance with the requirements of bylaws in force in the area where the work is to be carried out. All permits or licenses are the responsibility of the proponent.

7.4 Required Warranties

Each Proponent expressly declares and warrants that;

- a) This tender submission is in all respects fair and without collusion or fraud.
- b) There has been no violation of copyrights or patent rights in manufacturing, producing or selling the materials and/or services shipped or ordered as a result of this tender, and the vendor agrees to hold SNC harmless from any and all liability, loss, expense, action or suit occasioned by any such violation.
- c) All materials and/or services proposed to be supplied to SNC conform in all respects to the standards set forth by Federal and Provincial agencies.
- d) The Proponent of the tender submission is:
 - i. competent to perform the work described in this RFT;
 - ii. has the necessary qualifications, including knowledge, skill and experience to perform the services, together with the ability to use those qualifications effectively for that purpose;
 - iii. shall supply everything necessary for the performance of the work;
 - iv. shall carry out the work in a diligent and efficient manner;
 - v. ensure the work is of proper quality, material and workmanship; is in full conformity with the specifications; and meets all other requirements of this RFT and any subsequent contract.

7.5 No Obligation to Contract

The Proponent's RFT submission does not constitute the acceptance of a contract with SNC. Submissions constitute offers which SNC may or may not accept in its sole discretion.

SNC further reserves the right to accept or reject any or all tenders or parts of tenders, or to accept any tender considered in SNC's best interest, and to request

re-tenders on the required materials and/or services. SNC also reserves the right to waive irregularities and technicalities and to do so in its sole discretion.

SNC also reserves the right to cancel and reissue the RFT as deemed necessary and in the best interest of SNC.

SNC reserves the right not to accept Tenders from any person or corporation which includes all non arms length corporations who, or which, has a claim or legal proceeding against SNC or against whom SNC has a claim or legal proceeding with respect to any previous contracts, bid submissions, or business transactions who is listed as either the Proponent or sub-contractor within the submitted Tender.

The Proponent's RFT submission is deemed an irrevocable offer which may be accepted, at the sole option of SNC with or without negotiation, only by entering into a formal contract upon such acceptance the terms, responsibilities, and specifications as required by SNC including but not limited to those set out herein.

SNC reserves the right to reject an offer to supply goods and services presented in response to

SNC's procurement processes where SNC determines that the person making the offer is in any way indebted to SNC and in its sole discretion is of the opinion that it is in SNC's best interests that the offer be rejected.

7.6 Assignment

The Vendor shall not assign the Contract or any portion thereof without prior written consent of SNC. Such consent shall not release or relieve the Vendor from any of their obligations or liabilities under this Contract.

7.7 Costs Incurred

SNC will not, under any circumstances, be responsible for any costs incurred by the Proponent in the preparation of the Tender submission, including, but not limited to: costs to prepare documentation; travel; attendance at any site meetings; or interviews (if required).

7.8 Pricing and Taxes

The Tender submission amount must include: all applicable excise taxes; customs, freight; exchange and all other charges. HST is extra.

7.9 Terms of Payment

Invoices will be paid net thirty (30) days from date of invoice and verification that goods/services listed have been provided to the satisfaction of SNC.

7.10 Rights of South Nation River Conservation Authority (SNC)

SNC retains the right to ensure that an acceptable standard of use, service, and operation is maintained. SNC also reserves the right to communicate with one or more Proponents (following the RFT closing date) to clarify elements of the submission.

7.11 SNC's Right to Terminate Contract Under Certain Conditions

SNC has the right to terminate the Contract immediately and without penalty, with written notice to the Vendor, if:

- a) The Vendor makes an assignment for the benefit of creditors or becomes bankrupt or insolvent, or an order is made for the winding-up of the Vendor, or if a receiver is appointed on account of the Vendor's insolvency; or
- b) The Vendor refuses or fails to supply sufficient properly skilled employees or proper materials at all times to perform the Work in the manner and to the standards required under this Contract, or the vendor fails to observe and comply with any provisions of law, including, without limiting the generality of the foregoing, all requirements of all governmental authorities including federal, provincial, and municipal legislative enactments, by-laws and other regulations now or hereafter in force which pertain to or affect the services or the conduct of the Vendor's business; or
- c) The Vendor fails to institute appropriate corrective action within three (3) days after verbal notification by SNC (which will be confirmed subsequently in writing), of any failure on the part of the Vendor to comply with the terms and specifications of the Contract; or
- d) The Work performed is not satisfactory; or
- e) Delivery requirements are not met.

SNC reserves the right to terminate this contract at anytime without cause with thirty (30) days written notice.

Immediately following, the termination of the Contract, for any reason, the Vendor shall provide to SNC all of their financial records specific to this Contract, concerning the conduct of the operations and a statement of all outstanding accounts.

7.12 Remedies for Non-Performance

In the event that the Vendor fails to perform any obligations hereunder, SNC shall be entitled to exercise any one or more of the following remedies:

- a) SNC may with-hold any payment due hereunder until the Vendor has remedied their failure;
- b) SNC shall be entitled, in the event that the Vendor does not remedy their default within three (3) working days of a request, to engage other vendors to complete the work of the Vendor and to deduct the cost of obtaining such other vendors from any amounts owing to the Vendor hereunder;
- c) SNC may terminate this Agreement if the Vendor does not remedy their default within three (3) working days of a request that they do so from SNC in writing; and,
- d) SNC may exercise any other right available to it in law or equity.

A failure of SNC to exercise any of the foregoing remedies, or the granting of any extension or indulgence, shall not be prejudicial to the right of SNC to subsequently obtain such remedies.

7.13 Failure to Execute Contract

Failure to execute the Contract, or failure to file any of the required documentation required in this RFT within the specified time period is cause for the cancellation of the award.

7.14 Indemnification

The Vendor shall indemnify and save harmless SNC, from and against all claims, actions, losses, expenses, costs or damages of every nature and whatsoever which SNC, its employees, officers or agents may suffer, to the extent the Vendor is legally liable as a result of the negligent acts of the Vendor, their employees, officers or agents in the performance of this Contract.

7.15 Ownership of Documents

All information and data developed and used by the Vendor in connection with this Contract will be wholly owned by SNC.

7.16 Governing Law

This RFT and subsequent contract shall be governed by the law of the Province of Ontario.

7.17 Venue for Litigation

The Vendor and SNC agree that the venue for any litigation shall be Ottawa, Ontario.

7.18 Force Majeure

Neither party shall be held responsible for any remedy arising from delay or failure to perform obligations under this RFT or the Services to be provided when such delay or failure is due to fires, strikes, floods, acts of God or the Queen's enemies, lawful acts of public authorities, or delays or defaults caused by common carriers, which cannot reasonably be foreseen or provided against.

7.19 Confidentiality

The Vendor recognizes that it will, by the nature of the goods and services being provided to SNC, have access to confidential information. It is understood and agreed that the Vendor, its employees, agents, representatives and officers, (the "Vendor") shall hold all information, whether confidential or not, in the strictest confidence. The Vendor shall not disclose, nor permit by any act or failure to act, the disclosure of any information to any third party at any time during or after the term of its contract with SNC. Nor will the Vendor use any information however obtained as a result of performing duties for SNC for its own commercial, financial, or personal advantage.

The Vendor also acknowledges that it may be held both criminally and civilly responsible for any breach of confidentiality.

7.20 Employees

In the performance of this contract, the Vendor shall be an independent Vendor. Neither the Vendor nor any of their employees shall be deemed to be employees of SNC.

8. Specifications

The Proponent will complete and submit the Specification Form (**'Appendix B'**) as part of the Tender Submission.

Specifications for the Tender are listed below:

- a) The successful Proponent will be responsible to ensure that all wells are outfitted with new equipment as outlined in Table 1 in Attachment 1. Equipment specifications and warranties should be outlined in the Tender Submission, and attached to 'Appendix C' submission.
- b) The successful Proponent will be responsible for ensuring that the wells are able to transmit real-time data on a daily basis (at least) through the GOES Satellite Network.
- c) The Proponent must be able to install all equipment, ensure transmission of real-time data, and complete all work by **March 31, 2017, weather permitting**.
 - If weather, or other issue out of the Proponent control, causes a delay in completion of the work, then SNC must be informed, in writing, and extension can be granted by SNC in writing, else the work will be deemed incomplete.

Note that all specifications must be met in order for a Proponent to be considered for the project.

9. To Include in Tender

SNC is seeking Tenders from Proponents who are both interested and capable of undertaking the Contract. The onus is on the Proponent to show their (including sub-contractors) knowledge, understanding and capacity to conduct the work. This should be clearly detailed in the Tender, and include references of past projects completed.

9.1 Required Documentation

The following information must be included in the Tender submission:

- Tender submission as per **Section 6.2**
- Proof of ability to provide required insurance (see **Section 6.4**)
- Proof of valid current “*Clearance Certificate*” from WSIB (see **Section 6.5**)
- A completed Specifications Form (**‘Appendix B’**)
- A completed Pricing Form (**‘Appendix C’**)
- All addenda issued

9.2 Acknowledgement

The Proponent shall complete **‘Appendix A’**.

9.3 Pricing

The Proponent will complete and submit the Pricing Form (**‘Appendix C’**) as part of the Tender Submission.

The Proponent shall submit a project quote that details prices (and warranties) on all equipment and materials required to meet the needs of the RFT, and attached to ‘Appendix C’.

In addition, since the equipment needs may vary for individual wells (as outlined in Table 1 in Attachment 1 of this RFT), the price to equip and install instrumentation/telemetry for each individual well is required.

The Vendor is to furnish all labour, materials, equipment and travel costs to complete the work.

9.4 Schedule

The Proponent shall provide a Schedule with their Tender Submission defining when they shall complete the Work. The Schedule shall include the following details:

- a) Provision of Equipment
- b) Installation Start Date
- c) Installation Completion Date

10. Award and Approval

10.1 Award

This Tender will be awarded based on the following:

- a) Proper Completion of all submission requirements (Section 9);
- b) Compliance to specifications;
- c) Ability of proponent (or sub-contractors) to perform the Work (please provide references) and within the stated deadlines; and
- d) Price (as a clarification, should all other evaluations appear equal, at the sole discretion of SNC, lowest Total Price shall govern award).

SNC reserves the right to reject any Tender if the evidence submitted by, or investigation of such Proponent, fails to satisfy SNC that the Proponent is qualified to carry out the obligations of the contract.

10.2 Proposed Timeline

This timetable reflects SNC's intent in issuing, receiving and evaluating Tenders and is subject to change at SNC's discretion.

January 31, 2017	- RFT Issued
February 7, 2017	- Deadline for Questions from Proponents
February 13, 2017	- Closing Date for Request for Tenders
February 17, 2017	- Issuance of Purchase Order
March 31, 2017	- Deadline for project completion

10.2 Clarification

SNC reserves the right to contact any Proponent to seek clarification of the contents of their Tender. SNC may investigate, as it deems necessary, the ability of the Proponent to perform the work (or sub-contractors) and the Proponent shall furnish SNC all such information and data for the purpose as SNC may request.

10.3 Recommendation and Award

A recommendation for the award of the Contract will be based on the criteria set

out in this section.

The award of the Contract will require the approval of the Board of Directors of SNC. The decision of the Board of Directors shall be final.

The Proponent shall not make any claims for additional costs or expenses due to the delay in, or cancellation of the award of this RFT, due to the approval process.

10.4 Post Award Requirement from Proponent

The following must be provided to SNC within ten (10) business days of notification of award:

- a) Certificate of Insurance (section 6.4), and
- b) Current valid Clearance Certificate from WSIB (Section 6.5)

‘APPENDIX A’

ACKNOWLEDGEMENTS

I/WE ACKNOWLEDGE that this Tender is made without any connection, knowledge, comparison of figures or arrangements with any other company, firm or person making a Tender for the same Work and is in all respects fair and without collusion or fraud.

I/WE ACKNOWLEDGE that all matters stated in the said Tender are, in all respects true.

I/WE ACKNOWLEDGE that, having read the “Request for Tenders – **Expansion of SNC’s Real-time Hydrologic Monitoring Network**” Document, I/WE have satisfied ourselves as to the terms, conditions and specifications and do hereby submit a Tender for well decommissioning and site restoration.

I/WE ACKNOWLEDGE that it is the Proponent’s responsibility to ensure all addenda issued have been received.

I/WE ACKNOWLEDGE that acceptance of this Tender and the issuance of a Purchase Order shall be considered a binding Contract upon both parties. If specified at any time by SNC, it is agreed that the terms and conditions and the representations made in reference to the RFT shall be incorporated in the Contract to be executed by the parties once SNC has formally accepted the Tender.

Dated at _____ this _____ day of
_____ 2017.

Firm or Organization Name

Signing Authority

Street Address

Signature

City

Postal Code

Telephone and Fax Number

‘APPENDIX B’

Specifications Form

a)		Yes	No
	The Proponent is able to equip all wells with the required instrumentation to achieve real-time data transmission, as outlined in Table 1 in Attachment 1. Tender will be rated on equipment’s ability to meet required specifications, life cycle costs, proven functionality in Eastern Ontario, and availability of service and technical support.		
	The Proponent has provided examples of completed similar work/projects, and has provided references for this completed work.		
	Comments:		

b)		Yes	No
	The Proponent is able to ensure the transmission of real-time data on a daily basis (at least) over the GOES Satellite Network.		
	The Proponent has provided examples of completed similar work/projects, and has provided references for this completed work.		
	Comments:		

c)		Yes	No
	The Proponent is able to complete the work listed in this RFT by March 31, 2017.		
	Comments:		

Notes: Additional details regarding specifications are provided in Section 8 of the RFT.

'APPENDIX C'

Pricing Form

a) Total Price:

Total Price to outfit/install instrumentation/telemetry
in wells outlined in Table 1 in Attachment 1

\$ _____

HST

\$ _____

Total

\$ _____

b) Individual Well Pricing:

Well Number (refer to well numbers in Attachment 1)	Price to supply new equipment & real time data transmission over GOES Satellite Network (excluding HST)	Price to install new equipment & real time data transmission over GOES Satellite Network (excluding HST)	Total Price (Excluding HST)
Well W0000268-1			
Well W0000378-1			
Well W0000363-2, W0000363-3			
Well W0000377-1			
Well W0000403-1			
Well W0000097-2,			

W0000097-5			
Well W0000096-1			
Well W0000350-2, W0000350-3			
Well W0000364-1			

Notes:

- The successful Proponent is to furnish all labour, materials, equipment and travel costs required to complete the work outlined in the RFT.
- SNC reserves the right to change project locations if necessary.
- Attach additional details regarding pricing as outlined in Section 9.3 of the RFT.

Attachment 1

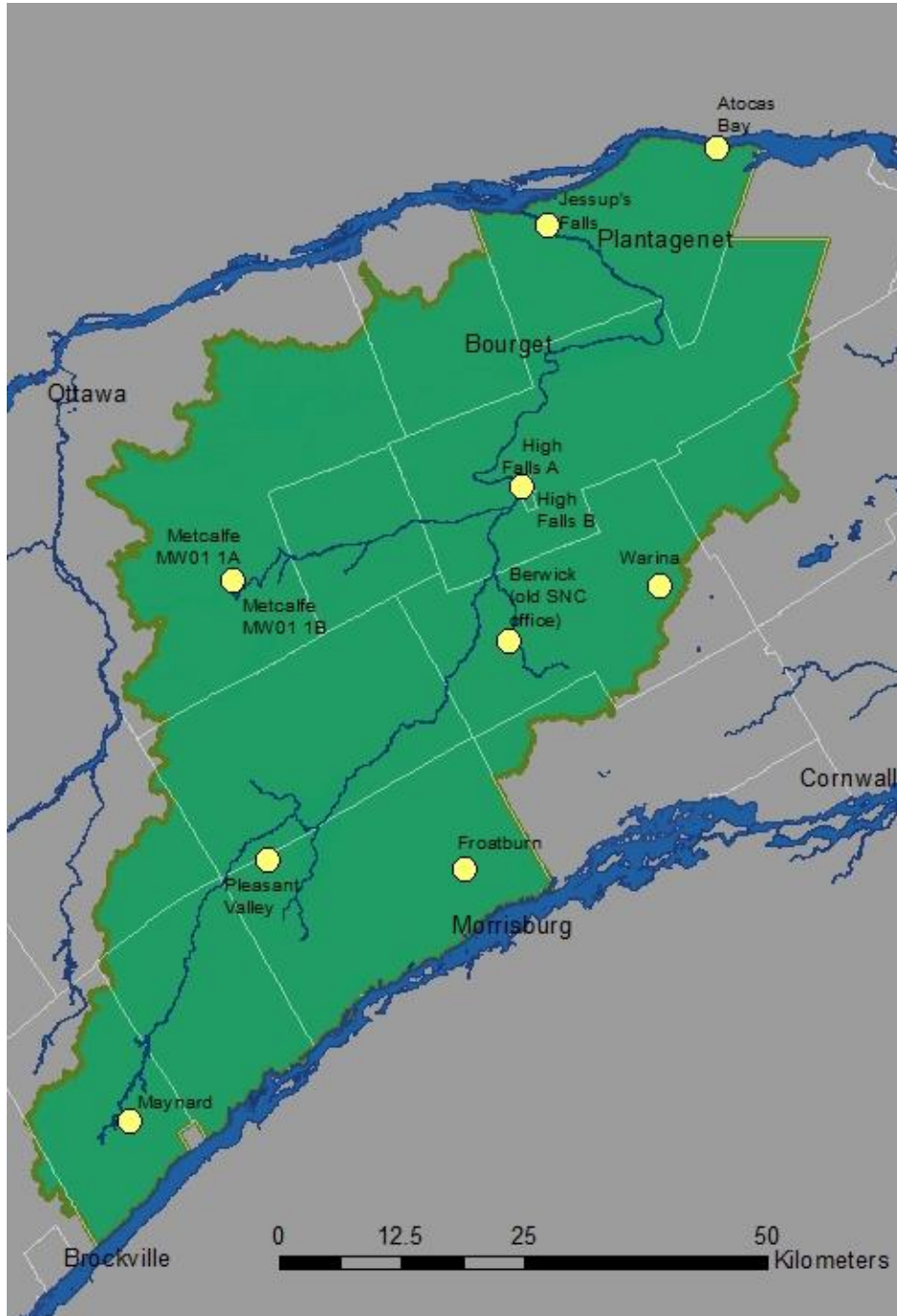


Figure 1 SNC Locations for Expanded Real-time Hydrologic Monitoring Network

Table 1 Selected Provincial Groundwater Monitoring Network Wells and Equipment Requirements for RFT

Casing ID	Easting (Datum: NAD 83 Region 18)	Northing (Datum: NAD 83 Region 18)	NEW EQUIPMENT & REAL TIME DATA TRANSMISSION TO BE SUPPLIED AND INSTALLED				Existing equipment on site (Loggers to be connected to telemetry)
			Snow Water Equivalent Gauge	Soil Moisture Probe	Telemetry (GOES Transmission)	Air Temp & Barometric Pressure	
W0000268-1 Berwick	491385	5002382	X	X	X	X	Solinst Edge Levellogger (X1)
W0000378-1 Pleasant Valley	466586	4979995		X	X	X	Solinst Edge Levellogger (X1)
W0000363-2 High Falls CA	492673	5018222	X	X	X		Solinst Edge Levellogger (X3) (1 LL in each well (2 total); wells separated by 15feet; 1 LL to measure barometric pressure)
W0000363-3 High Falls CA	492673	5018222					
W0000377-1 Atocas Bay	512601	5053031	X	X	X	X	Solinst Edge Levellogger (X1)
W0000403-1 Froatburn	486872	4978977	X	X	X	X	Solinst Edge Levellogger (X1)
W0000097-5 Metcalf	463114	5008768	X	X		X	Solinst Edge Levellogger (X2) (multilevel well located within same casing) FTS Axiom Datalogger (GOES transmission of LLs)
W0000097-2 Metcalf	463114	5008768					

Casing ID	Easting (Datum: NAD 83 Region 18)	Northing (Datum: NAD 83 Region 18)	NEW EQUIPMENT & REAL TIME DATA TRANSMISSION TO BE SUPPLIED AND INSTALLED				Existing equipment on site (Loggers to be connected to telemetry)
			Snow Water Equivalent Gauge	Soil Moisture Probe	Telemetry (GOES Transmission)	Air Temp & Barometric Pressure	
W0000096-1 Maynard	452703	4953455			X	X	Solinst Edge Levellogger (X1)
W0000350-2 Seguin Road	506894	5008187			X	X	Solinst Edge Levellogger (X2); (1 LL in each well (2 total); wells separated by 15feet) Tipping Bucket and Rainlogger
W0000350-3 Seguin Road	506894	5008187					
W0000364-1 Jessup's Falls	495381	5045084			X	X	Solinst Edge Levellogger (X1)

*** SNC reserves the right to change project locations if necessary

Attachment 2



Figure 1 Provincial Groundwater Monitoring Network Station W0000377-1 (Atocas Bay)



Figure 2 W0000268-1 (Berwick) Location



Figure 3 W0000378-1 (Pleasant Valley) Location



Figure 4 W0000363-2, W0000363-3 (High Falls CA) Location



Figure 5 W0000377-1 (Atocas Bay) Location



Figure 6 W0000403-1 (Froatburn) Location



Figure 7 W0000097-5, W0000097-2 (Metcalfe) Location



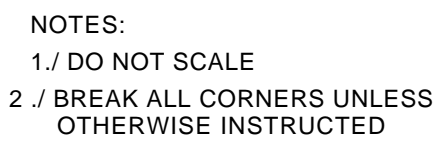
Figure 8 W0000096-1 (Maynard) Location




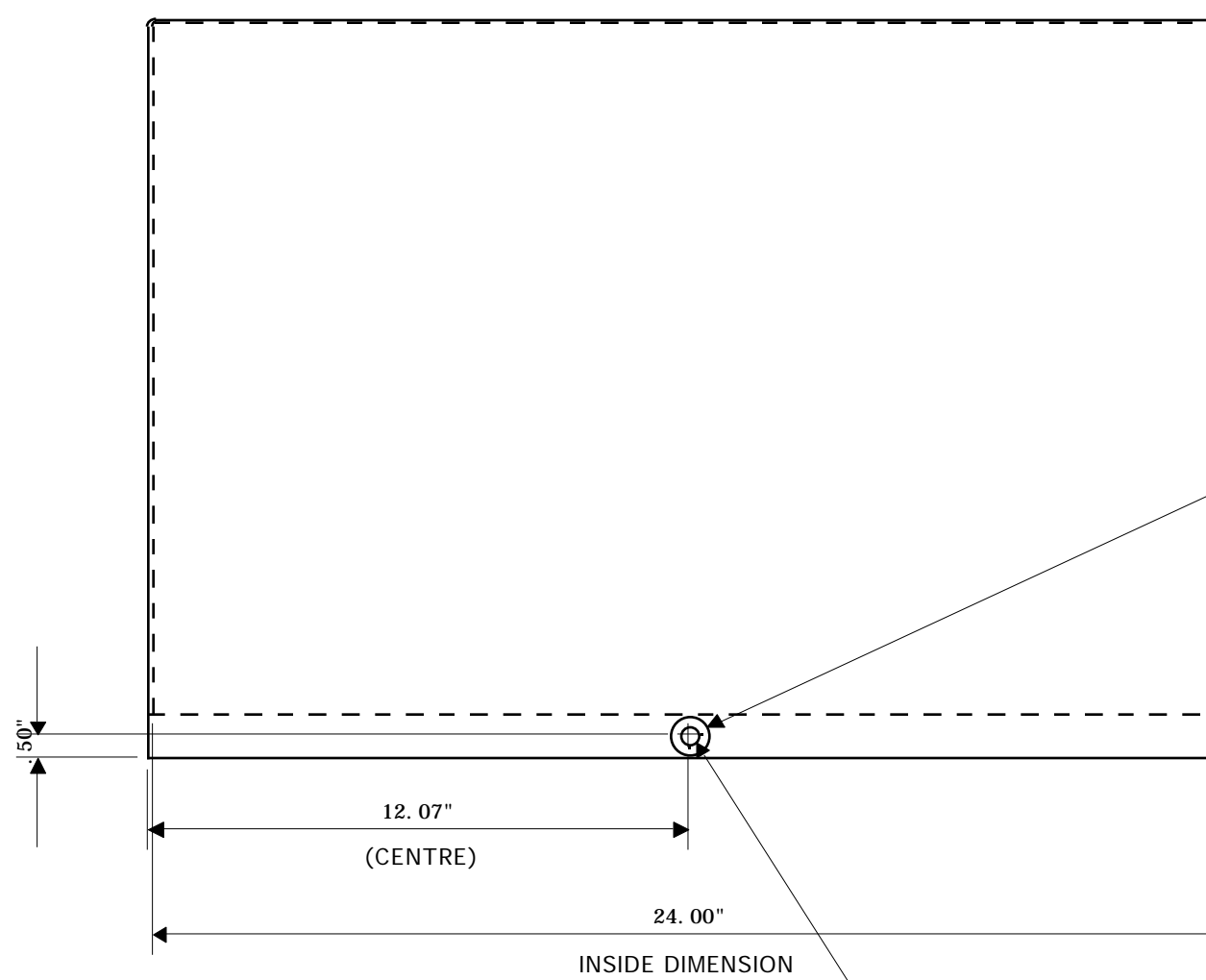
Figure 9 W0000350-2, W0000350-3 (Seguin Road) Location



Figure 10 W0000364-1 (Jessup's Falls) Location





<h1 style="text-align: center;">Solinst</h1> <h2 style="text-align: center;">Groundwater Monitoring Instrumentation</h2> <p style="text-align: center;">Fax: (905) 873-1992 Tel: (905) 873-2255 or (800) 661-2023 35 Todd Road, Georgetown, ON, Canada L7G 4R 8</p>	
<p>TOLERANCES UNLESS OTHERWISE STATED</p>	<p>.XXX +/- .003" .XX +/- .010" .X +/- .020" Fractional Angles +/- 30"</p>
<p>TITLE:</p> <p style="text-align: center;">9100 SECURITY BASE</p>	
<p>Scale: 1 : 4</p>	<p>Date: MAR. 19, 2001</p>
<p>Drawn: J. CHAMP</p>	<p>Approved:</p>
<p>Checked:</p>	
<p>MATERIAL:</p>	
<p>DRAWING NO.</p> <p style="text-align: center;">105924.2</p>	<p>REV.</p> <p style="text-align: center;">A</p>



FRONT VIEW

Ø7/8"OD X Ø3/8"ID X 3/8" THICK
MILD STEEL WASHER (NO SHARP EDGES)
(FILLET WELD TO COVER)

<h1 style="text-align: center;">Solinst</h1> <h2 style="text-align: center;">Groundwater Monitoring Instrumentation</h2> <p style="text-align: center;">Fax: (905) 873-1992 Tel: (905) 873-2255 or (800) 661-2023 35 Todd Road, Georgetown, ON, Canada L7G 4R 8</p>	
<p>TOLERANCES UNLESS OTHERWISE STATED</p>	<p>.XXX +/- .003" .XX +/- .010" .X +/- .020" Fractional +/- 1/64" Angles +/- 30'</p>
<p>TITLE:</p> <p style="text-align: center;">9100 SECURITY ENCLOSURE COVER</p>	
<p>Scale: 1 : 4</p>	<p>Date: MAR.19,2001</p>
<p>Drawn: J. CHAMP</p>	<p>Approved:</p>
<p>Checked:</p>	 
<p>MATERIAL: 14 GAUGE P&O MILD STEEL</p>	
<p>DRAWING NO.</p> <p style="text-align: center; font-size: 2em;">105924.1</p>	<p>REV.</p> <p style="text-align: center;">D</p>