Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government Services Canada/Réception des soumissions Travaux publics et Services gouvernementaux Canada
Room 100,
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6
Bid Fax: (204) 983-0338

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

Proposal To: Public Works and Government Services Canada

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 aux: Travaux Publics et Services Gouvernementaux 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 annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet
Linear Irrigator System

Solicitation No. - N° de l'invitation
01633-141115/B

Date
2015-01-29

Client Reference No. - N° de référence du client
01633-141115

GETS Reference No. - N° de référence de SEAG
PW-$WPG-015-9356

File No. - N° de dossier
WPG-4-37243 (015)

CCC No./N° CCC - FMS No./N° VME

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM
on - le 2015-02-09

Time Zone
Fuseau horaire
Central Standard Time
CST

F.O.B. - F.A.B.
Plant-Usine: ☐ **Destination:** ☐ **Other-Autre:** ☐

Address Enquiries to: - Adresser toutes questions à:
Klassen, Chiazo

Buyer Id - Id de l'acheteur
wpg015

Telephone No. - N° de téléphone
(204) 228-6756 ( )

FAX No. - N° de FAX
(204) 983-7796

Destination - of Goods, Services, and Construction:
Destination - des biens, services et construction:
DEPARTMENT OF AGRICULTURE AND AGRI-FOOD
RESEARCH STN P.O.BOX 1000-A
18TH ST & GRANDVALLEY RD R.R.3
BRANDON
Manitoba
R7A5Y3
Canada

Instructions: See Herein

Instructions: Voir aux présentes

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

Delivery Required - Livraison exigée
See Herein

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**

Issuing Office - Bureau de distribution
Public Works and Government Services Canada - Western Region
Room 100
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

Canada

See attached.

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This bid solicitation cancels and supersedes previous bid solicitation number *01633-141115/A dated December 15, 2014 with a closing of January 26, 2015* at *2:00 pm*. A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.

PART 1 - GENERAL INFORMATION

1.1 Statement of Requirement

The requirement is detailed under Article 2 of the resulting contract clauses.

1.2 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.

1.3 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.

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 (2014-09-25) 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

2.1.1 ***SACC Manual*** Clauses

B3000T Equivalent Products (2006-06-16)

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) 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 Manitoba.

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.

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 (3 hard copies)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)

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). 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.

3.1.1 Exchange Rate Fluctuation

C3010T (2014-11-27), Exchange Rate Fluctuation Risk Mitigation

3.1.2 SACC Manual Clauses

Section III: Certifications
Bidders must submit the certifications required under Part 5.

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

(a) Ability to perform the full scope of work as described in Annex A, Requirement, and completion of Appendix 1 to Annex A;

(b) Provision of pricing as detailed in Annex B, Basis of Payment.

4.1.2 Financial Evaluation

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price

4.2 Basis of Selection

4.2.1 Mandatory Technical Criteria

SACC Manual Clause A0031T (2010-08-16) Basis of Selection – Mandatory Technical Criteria

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

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 - Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

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

6.1.1 There is no security requirement applicable to this Contract.

6.2 Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex “A”.

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.

6.3.1 General Conditions

2010A (2014-11-27), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before March 31, 2015.
Installation of system must be completed on or before September 15, 2015.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Chaz Klassen
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
Address: 100-167 Lombard Ave
Winnipeg, Manitoba R3b 0T6

Telephone: 204-228-6756
Facsimile: 204-983-7796
E-mail address: chaz.klassen@pwgsc.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 Project Authority

The Project Authority for the Contract is:

To be announced at contract award.

The Project 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 Project Authority, however the Project 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.

6.5.3 Contractor's Representative (***BIDDER TO COMPLETE)***

Name: _____

Title: _____

Organization: _____

Address: _____

Phone: _____

Cell: _____

Email: _____

6.6 Payment

6.6.1 Basis of Payment - Limitation of Price

SACC Manual clause C6000C (2011-05-16) Limitation of Price

6.6.2 Method of Payment

SACC Manual clause H1001C (2008-05-12) Multiple Payments

6.6.3 SACC Manual Clauses

C2000C	2007-11-30	Taxes - Foreign-based Contractor
C2605C	2008-05-12	Canadian Customs Duties and Sales Tax- Foreign-based Contractor

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) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

   (b) 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

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.9 Applicable Laws

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

6.10 Priority of Documents

If there is a discrepancy between the wording 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) the general conditions 2010A (2014-11-27) – General Conditions, Medium Complexity – Goods;
(d) Annex A, Requirement;
(e) Annex B, Basis of Payment;
(g) the Contractor's bid dated _____ (*insert date of bid*) as clarified on _____" ***or*** ", as amended on_____"

6.11 ***SACC Manual*** Clauses

B7500C	(*2006-06-16*)	Excess Goods
C5201C	(*2008-05-12*)	Prepaid Transportation Costs
D5328C	(*2014-06-26*)	Inspection and Acceptance
G1005C	(*2008-05-12*)	Insurance

ANNEX "A"

REQUIREMENT

A – Project Description and Schedule

Description

1. Background to Project

The Brandon Research Station has recently transferred its cattle research operations to another AAFC research facility. This move has vacated approximately 160 Hectares (400 acres) of Moderate to Well Drained agricultural land (Figure 1) located on 33-10-19 WPM. This land has been identified for irrigation development. This land is located south of the Trans-Canada Highway, north-west of the Brandon Research Station, on the north-west edge of Brandon Manitoba. A proposed lateral move irrigation system, irrigating 160 Hectares of land over a four (4) year rotation. The proposed lateral would travel North/South and irrigate approximately 40 Hectares (100 acres) of plot and production land in a given year with potential to irrigate up to 80 Hectares (200 acres) depending on requirements.

The variability of the soils, topography and research requirements of this plot land make the implementation of a Sprinkler Variable Rate Irrigation Technology beneficial from a research and demonstration point of view.

This RFP is for the supply and installation of a lateral move irrigation system equipped with sprinkler variable rate technology for AAFC's Brandon Research Station.

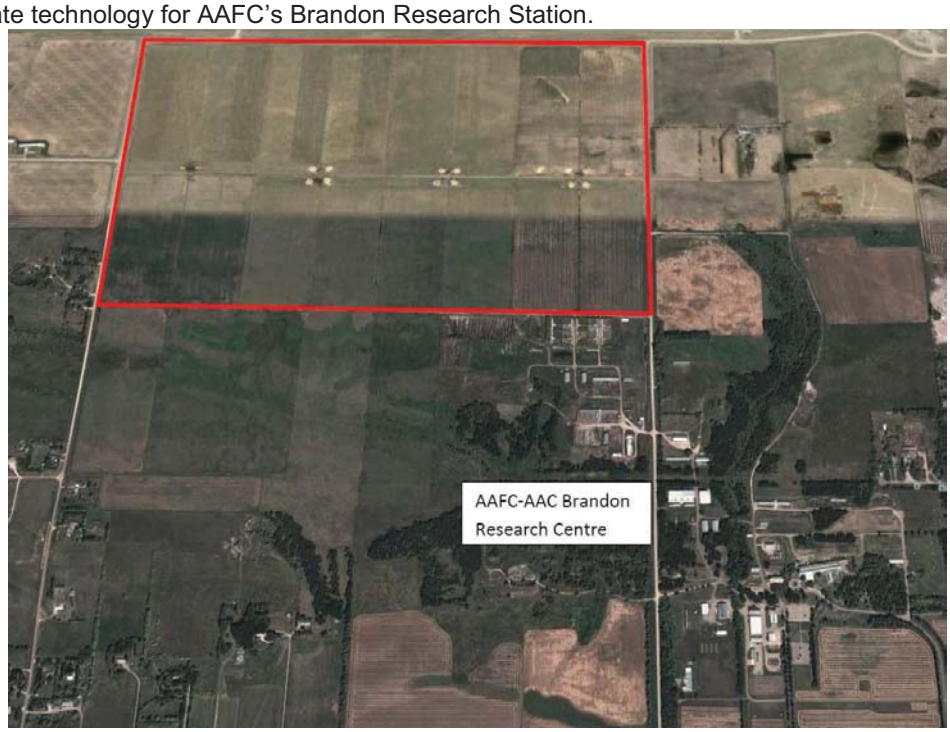

Figure 1: AAFC Brandon Research Station Proposed Irrigation Development Land (Red Outline)

2. Schedule

The Contractor must complete the supply of the Brandon Research Stations Lateral Move Irrigation System equipped with Sprinkler Variable Rate Irrigation Technology by March 31, 2015. Installation of the system must be completed by September 15, 2015.

3. Scope

The proposal shall be for work consisting of the supply of all plant, labour, services, materials and installation of a lateral move irrigation system equipped with sprinkler variable rate irrigation technology

for the AAFC Brandon Research Station in Brandon, Manitoba. All proposals shall meet the minimum requirements specified herein or equivalent alternate as approved by Canada.

3.01 Drawings

The following drawings are made a part of these specifications:

Drawing Number	Title
See attached	Irrigation Lateral Layout Plan

These drawings show the approximate dimensions and arrangement of the work and are in sufficient detail to serve as a basis for the preparation of contractor's proposal. Additional drawings showing further details or alterations will be furnished to the Contractor during the progress of the work, where determined necessary by Canada.

3.02 Mechanical Requirements

3.02.01 The total length of the lateral must be as close as possible, but not more than, 395 metres (1300 feet)(minimum 390 meters) and must be able to operate within allotted space, accounting for required offsets, between proposed irrigation pipeline (supplied by others) and legal property boundary as shown on drawings. The length of the lateral must be met entirely with equal length spans and overhang pipe; length shall not be reached by an end gun sprinkler.

3.02.02 All metal components, including nipples, fittings etc., must be hot dipped galvanized steel.

3.02.03 The tires must be new, minimum size 14.9" x 24" (maximum 15.9" x 25") with tubes, semi-floatation with galvanized rims.

3.02.04 The outlets across the machine must be spaced to work with specified nozzle package (described below). Extra outlets must have galvanized plugs.

3.02.05 Nozzle Package

- .01 The lateral/linear system must be equipped with a nozzle package designed to deliver 650 USgpm at full flow.
- .02 Nozzles must be Senninger I-Wobs with standard angle 9-Groove plates OR Nelson O3000 Orbitor with standard angle 9-Groove black plates or Canada Approved Equivalent.
- .03 Nozzles must be equipped with 138 kPa (20 psi) regulators.
- .04 Nozzles must be mounted on flexible drop hose c/w weights with nozzles approximately 1.82 metres (6 feet) (+/- 10cm) from ground level.
- .05 Nozzles must be sized and evenly spaced at the approximate interval specified by the nozzle manufacturer to optimize uniformity across the entire system.
- .06 Sprinkler package must be equipped with a variable rate irrigation sprinkler control system capable of maintaining user defined application rates within control zones along the length of the lateral.
- .07 The equipped variable rate irrigation sprinkler system shall have a minimum of 28 zones (maximum 30 zones) with an equal number of sprinklers within each control zone.

3.02.06 The irrigation lateral span pipe must be minimum 6 5/8" (maximum 7 5/8") diameter with manufacturers' standard pipe wall thickness.

3.02.07 A sand trap must be installed at the end of the lateral.

3.02.08 The lateral system must be capable of irrigating in forward and reverse travel modes.

3.02.09 Gear boxes, drives, and motors must be complete with system.

3.02.10 Drive system, drive cart and gear boxes must be capable of operating in tow-mode, allowing for towing the system between adjacent fields.

3.02.11 Drive cart must be capable of pivoting, allowing the system to pivot around the drive cart and irrigate the adjacent parallel field.

3.02.12 The drive cart must be capable of pulling a 200m (650 ft) of drag hose with a minimum inside diameter of 150mm (6”) (maximum 160mm). Contractors are responsible for ensuring drive cart is of sufficient size for lateral system length and field topography.

3.02.13 System must be complete with drag hose with a minimum 150mm (6”) (maximum 160mm) high density polyethylene pipe or Canada approved equivalent drag hose suitable for this application. Total length of drag hose shall be a minimum of 200m (650 feet) (maximum 205 m). Couplers and/or adaptors required to make connections between the drag hose and the lateral and between the drag hose and a 150mm (6”) (maximum 160mm)hydrant riser must be provided by the Contractor.

3.02.14 Contractor shall supply a 150mm (6”) (maximum 160mm)hydrant 90° valve opening elbow compatible with drag hose connections and 150mm (6”) (maximum 160mm)hydrant hydrant risers (supplied by others).

3.03 Electrical

All electrical equipment and material for the lateral move irrigation system and variable rate irrigation control system must be new and conform to the current standards of the Canadian Standards Association.

Installation of equipment must meet the requirements of the current edition of the Canadian Electrical Code, Part 1: applicable Provincial and Municipal regulations and codes; and the current ASAE Standard for this type of application. In no instance shall the standards and recommendations established by the manufacturer be reduced by any codes or regulations referred to above.

3.03.01 The system shall use a three-phase electrical supply to be installed at the site by others.

3.03.02 The lateral must have a computer control panel with GPS compatibility (Note: GPS is to be used for field position and guidance). Minimum features to include programmable stop/start times, water application rate, field position, and temperature/pressure/flow read outs. It must be compatible with manufacturers ‘real time’ monitoring/control system that could be added at a later date.

3.03.03 The lateral must be equipped with a computer control panel or separately installed computer panel capable of controlling the sprinkler variable rate irrigation system. Zone application rate prescriptions must be programmable from control panel or downloadable from external source. If using external communication, required software and communication wiring must be supplied with system.

3.03.04 The lateral move irrigation system must be complete with tower alignment control system.

3.03.05 The lateral move irrigation system must be complete with manufacturer’s guidance system. GPS guidance system is preferred but buried cable guidance is an acceptable alternative.

3.03.06 The lateral must be complete with lightning arrester to comply with CSA Standard C233-1972 or most current standard.

3.03.07 The lateral must be complete with a 200 metre (650 feet) (maximum 205m) power supply drag cord c/w male connector and cable grips suitable for this application. An end of cord shut-off must be installed on drag cart. It is the Contractor’s responsibility to ensure cord end is compliant with 3-phase power connection supplied by others and meets current CSA standards.

3.03.08 The lateral must be equipped with a Nelson 800 series or equivalent control valve with solenoid on/off mounted on the lateral riser pipe. Valve must be linked to the lateral control panel for low pressure, alignment, power interruption, end of field and scheduled shut off.

3.03.09 End of field shut-off arms c/w manufacturer’s recommended barricades must be included. Barricades must be placed on each end of the field either in line with drag cart tower or end tower (total of 2 barricades).

3.03.10 An electronic flow meter and pressure sensor must be installed and have ability to communicate with the manufacturer’s control panel.

APPENDIX 1 to ANNEX A:

COMPLIANCE MATRIX – MINIMUM MADATORY PERFORMANCE SPECIFICATIONS

A complete list of the mandatory performance specifications are detailed in the Compliance Matrix.

1. Bidders must show compliance by addressing each Performance Specification in the Compliance Matrix, whether the product offered “meets” or “doesn’t meet”.

2. Bidders are to clearly demonstrate compliance with the mandatory performance specifications. Bidders MUST respond with complete specifications and/or descriptive literature of the equipment being offered.

3. The complete specifications and/or descriptive literature should be submitted with the proposal but may be submitted afterwards. If the complete specification and/or literature is not submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

4. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.

5. Bidders must address any concerns with the Performance Specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.

6. Failure to meet the minimum mandatory performance specifications will result in your proposal being deemed non-responsive, and be given no further consideration in the evaluation process.

	Completion and submission of Mandatory Performance Specification is required to be considered responsive and for your bid to be given further consideration. 1. Bidders must record whether they meet (YES) or not meet (NO) each of the specifications. 2. Bidders must cross reference where in their technical bid, the technical specification is located. Where you have indicated compliant, provide the specification being offered which meets or exceeds and cross-reference as to where the supporting documentation is found within your proposal. If there is insufficient space in the table, assign SIR # (Supplementary Information Reference) and provide the appropriate details on a separate page in your proposal. Where published supporting documentation is not available in the form of brochures, technical data sheets etc., mark in the table "certification by signature"		
	All work and materials herein specified must meet and maintain minimum Canadian and Provincial certification(s) and approval(s) as applicable by Industry Standards.		
Item		Bidder Response: indicate how they meet the specifications addressed below/ cross-reference where this technical	Compliant (Meets/ Does Not Meet)

		specification is indicated in their bid documentation	
1.	Mechanical Requirement		
1.a	Bidder certifies that the product meets all identified Mechanical requirements at 3.02, Mechanical Requirements, Annex A – Requirement.		
2.	Electrical Requirement		
2.a	Bidder certifies that the product meets all identified Mechanical requirements at 3.03, Electrical Requirements, Annex A – Requirement.		
3.	Requirement of Regulatory Agencies		
3.a	The equipment must comply in all respects with the current Canadian Standards Association (CSA), Canadian Electrical Code, Part 1, and ASAE Standard.		
4.	Delivery		
4.a	Delivery is required by March 31, 2015. Please confirm that you will be able to meet the delivery date.		

Model and Model Number of Product Offered: _____.

Bidder certifies that the product offered meets the minimum performance requirements above.

_____ _____
Signature Date

ANNEX "B"

BASIS OF PAYMENT

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified below. Applicable taxes are extra, if applicable, and to be shown as a separate item on any resulting invoice.

Pricing must be firm unit price including all costs associated with providing the requirement in accordance with requirement at Annex A, including all shipping and offloading charges, FOB destination.

FOB Destination: Agriculture & Agri-Food Canada
Brandon Research Centre
270 Grand Valley Road
Brandon, MB R7A 5Y3
Attention: _____

Bidder to provide a detailed list of all items that will be part of the lateral move irrigation system.

Note: bids will be evaluated in CAD funds using the Bank of Canada conversion rate on bid closing date.

Item	Description	Qty	Unit of Issue	Unit Price	Extended Price
1	Lateral Move Irrigation System in accordance with the mandatory performance specifications detailed in Annex A - Requirement. All inclusive pricing including random taxes, levy taxes, tire taxes, warranty, etc. Model # _____	1	each	$	
2	**Delivery including freight and offloading charges, FOB Destination** to AAFC, Brandon Research Centre, Brandon, Manitoba, Canada	1	each	$	
			SUB-TOTAL	$	
			Applicable Taxes	$	
			TOTAL	$	

LEGEND

Irrigation Pipeline - Supplied by Others

Lateral Move Boundaries

H HYDRANTS - Supplied by Others

Mark	Grid Ref.	Nature of Revision	Date	Eng.	Draft.

Surveyed

Designed E. DERDALL

Drawn E. DERDALL

Checked

Approved

Position Title

Date

Agriculture and Agri-Food Canada / Agriculture et Agroalimentaire Canada

STB DGST

Science & Technology Branch / Direction générale des sciences et de la technologie

PROJECT: BRANDON RESEARCH CENTRE

IRRIGATION LATERAL LAYOUT PLAN

Scale AS SHOWN | Date OCT 2014 | Sheet 1 of 1 | AESB No.