

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving
PWGSC
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095

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 Statistical Analysis	
Solicitation No. - N° de l'invitation KM040-131148/A	Date 2013-10-29
Client Reference No. - N° de référence du client KM040-131148	
GETS Reference No. - N° de référence de SEAG PW-\$TOR-015-6402	
File No. - N° de dossier TOR-3-36143 (015)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-12-09	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Abela, Aaron	Buyer Id - Id de l'acheteur tor015
Telephone No. - N° de téléphone (905) 615-2061 ()	FAX No. - N° de FAX (905) 615-2060
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF THE ENVIRONMENT 4905 DUFFERIN ST DOWNSVIEW Ontario M3H5T4 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
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

1. Security Requirement
2. Statement of Work
3. Debriefings

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions
2. Submission of Bids
3. Former Public Servant (if applicable)
4. Enquiries - Bid Solicitation
5. Applicable Laws

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures
2. Basis of Selection

PART 5 - CERTIFICATIONS

1. Mandatory Certifications Required Precedent to Contract Award
2. Additional Certifications Precedent to Contract Award

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement
2. Statement of Work
3. Standard Clauses and Conditions
4. Term of Contract
5. Authorities
6. Proactive Disclosure of Contracts with Former Public Servants (if applicable)
7. Payment
8. Invoicing Instructions
9. Certifications
10. Applicable Laws
11. Priority of Documents
12. Insurance
13. SACC Manual Clauses

List of Annexes:

- | | |
|----------------|---|
| Annex A | Statement of Work |
| Annex B | Basis of Payment and Schedule of Milestones |
| Annex C | Evaluation Criteria |

PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Statement of Work

The Work to be performed is detailed under Article 2 of the resulting contract clauses.

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 of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

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 (2013-06-01) 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: sixty (60) days

Insert: ninety (90) days

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.

3. Former Public Servant - Competitive Requirements

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts with FPS, bidders must provide the information required below before contract award.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the Financial Administration Act, R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the Public Service Superannuation Act (PSSA), R.S., 1985, c.P-36, and any increases paid pursuant to the Supplementary Retirement Benefits Act, R.S., 1985, c.S-24 as it affects the PSSA. It does not include pensions payable pursuant to the Canadian Forces Superannuation Act, R.S., 1985, c.C-17, the Defence Services Pension Continuation Act, 1970, c.D-3, the Royal Canadian Mounted Police Pension Continuation Act, 1970, c.R-10, and the Royal Canadian Mounted Police Superannuation Act, R.S., 1985, c.R-11, the Members of Parliament Retiring Allowances Act, R.S., 1985, c.M-5, and that portion of pension payable to the Canada Pension Plan Act, R.S., 1985, c.C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? Yes () No ()

If so, the Bidder must provide the following information, for all FPS in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? Yes () No ()

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;

- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

4. 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 questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

5. Applicable Laws

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

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

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 (2 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>). 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.

1.1 Exchange Rate Fluctuation

C3011T (2010-01-11), Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

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.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

Mandatory technical criteria are included in Annex "C"

1.1.2 Point Rated Technical Criteria

Point rated technical criteria are included in Annex "C"

1.2 Financial Evaluation

1.2.1 Mandatory Financial Criteria

- a. The maximum funding available for the Contract resulting from the bid solicitation is \$85,000.00 (Applicable Taxes extra). Bids valued in excess of this amount will be considered non-responsive. This disclosure does not commit Canada to pay the maximum funding available.
- b. The Bidder must submit pricing in accordance with Annex B, Basis of Payment & Schedule of Milestones.

1.3 Evaluation of Price

SACC Manual Clause A0220T (2013-04-25) Evaluation of Price

2. Basis of Selection - Lowest Price Per Point

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation;
 - b. meet all mandatory technical evaluation criteria; and
 - c. obtain the required minimum of 21 points overall for the technical evaluation criteria which are subject to point rating.

The rating is performed on a scale of 30 points.

- d. Bids not meeting (a) or (b) or (c) will be declared non responsive. Neither the responsive bid that receives the highest number of points nor the one that proposed the lowest price will necessarily be accepted. The responsive bid with the lowest evaluated price per point will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and documentation 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, if any certification made by the Bidder is found to be untrue whether 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 with this request will also render the bid non-responsive or will constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

2. Additional 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 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.

2.1 Status and Availability of Resources

SACC Manual Clause A3005T (2010-08-16) Status and Availability of Resources

2.2 Education and Experience

SACC Manual clause A3010T (2010-08-16) Education and Experience

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement applicable to this Contract.

2. Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex "A" .

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.

3.1 General Conditions

2010B (2013-06-13) General Conditions - Professional Services (Medium Complexity) apply to and form part of the Contract.

4. Term of Contract

4.1 Period of the Contract

The period of the Contract is from Contract award date to April 15, 2014.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Aaron Abela
Title: Supply Specialist

Public Works and Government Services Canada
Acquisitions Branch
Directorate: Ontario Region
Address: 33 City Centre Drive, Suite 480C
Mississauga, Ontario Canada.
L5B 2N5
Telephone: (905) 615-2061
Facsimile: (905) 615-2060
E-mail address: aaron.abela@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.

5.2 Project Authority

(To be announced upon Contract award.)

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____-____-_____
Facsimile: ____-____-_____
E-mail address: _____

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.

5.3 Contractor's Representative

(To be announced upon Contract award.)

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone : ____-____-_____
Facsimile: ____-____-_____
E-mail address: _____

6. Proactive Disclosure of Contracts with Former Public Servants (if applicable)

By providing information on its status, with respect to being a former public servant in receipt of a Public Service Superannuation Act (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada.

7. Payment

7.1 Basis of Payment - Firm Lot Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price as specified in Annex "B" for a cost of \$_____ (amount to be inserted upon award)____. Customs duties are included and Applicable Taxes are extra.

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.

7.2 Milestone Payments

1. Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract, up to 90% percent of the amount claimed and approved by Canada if:

- a. an accurate and complete claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. the total amount for all milestone payments paid by Canada does not exceed 90% percent of the total amount to be paid under the Contract;
- c. all the certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives;
- d. all work associated with the milestone and as applicable any deliverable required have been completed and accepted by Canada.

2. The balance of the amount payable will be paid in accordance with the payment provisions of the Contract upon completion and delivery of the item if the Work has been accepted by Canada and a final claim for the payment is submitted.

7.3 Limitation of Price

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

7.4. Multiple Payment

SACC Manual Clause H1001C (2008-05-12) Multiple Payment

7.5 SACC Manual Clauses

A9117C (2007-11-30) T1204 - Direct Request by Customer Department

8. Invoicing Instructions

1. The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment.

Each claim must show:

- a. all information required on form PWGSC-TPSGC 1111;
- b. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- c. the description and value of the milestone claimed as detailed in the Contract.

2. The Goods and Services Tax or Harmonized Sales Tax (GST/HST), as applicable, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no GST/HST payable as it was claimed and payable under the previous claims for progress payments.

3. The Contractor must prepare and certify one original and two (2) copies of the claim on form PWGSC-TPSGC 1111, and forward it to the Project Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.

The Project Authority will then forward the original and two (2) copies of the claim to the Contracting Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.

- 4. The Contractor must not submit claims until all work identified in the claim is completed

9. Certifications

9.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation 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.

10. Applicable Laws

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

11. 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 2010B (2013-06-27), General Conditions - Professional Services (Medium Complexity);
- (c) Annex A, Statement of Work
- (d) Annex B, Basis of Payment
- (e) Annex C, Evaluation Criteria;
- (f) the Contractor's bid dated _____

Solicitation No. - N° de l'invitation

KM040-131148/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

tor015

Client Ref. No. - N° de réf. du client

KM040-131148

File No. - N° du dossier

TOR-3-36143

CCC No./N° CCC - FMS No/ N° VME

12. Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

13. SACC Manual Clauses

A9068C (2010-01-11) Government Site Regulations

ANNEX "A"**STATEMENT OF WORK****1. TITLE OF WORK:** Statistical downscaling of future climate projections for North America

2. OBJECTIVE: The Climate Research Division (CRD) of Environment Canada assesses the impact of climate change throughout Canada. Availability of climate projections for all of North America is also crucial because many climate impacts on Canada will be influenced by ecosystem-based regions that cross the Canada-US border. CRD is seeking professional support to produce high resolution climate projections for North America from the latest Regional Climate Model (RCM) and Global Climate Model (GCM) projections. The intent is to have RCM and GCM projections downscaled to the space and time resolution suitable for driving hydrological models for the assessment of changes in water availability.

3. TASKS:

The Work items below must be executed by the Contractor:

Task 1

In consultation with the Project Authority (PA), the Contractor must select an appropriate observational daily dataset to serve as a downscaling target for North America. This dataset must be able to support downscaling to approximately 10 to 20km resolution. The dataset must consist of point data or high-resolution gridded data. The Contractor must only use the observational daily dataset specified by the PA. Any modifications to the observational daily dataset must be discussed with the PA and must only be made with the PA's approval.

Task 2

In consultation with the PA, the Contractor must select a downscaling technique that is appropriate to the characteristics of the observational dataset. The Contractor must only use the downscaling technique specified by the PA. Any modifications to the downscaling technique must be discussed with the PA and must only be made with the PA's approval.

Task 3

In consultation with the PA, the Contractor must select the method to produce downscaled projections for CORDEX-NA, CanRCM4, and the final member of the NARCCAP ensemble. Update previously downscaled NARCCAP ensemble members as appropriate. Variables must include precipitation and temperature at a daily time scale. The downscaled products must have 10 km resolution and cover all of North America. The Contractor must only use the selected method to produce downscaled projections for CORDEX-NA, CanRCM4, and the final member of the NARCCAP ensemble specified by the PA. Any modifications to the downscaled projections must be discussed with the PA and must only be made with the PA's approval.

Task 4

Extend downscaling of selected CMIP5 simulations to North American spatial scale. Variables must include precipitation and temperature at a daily time scale. The downscaled products must ideally have 10 km resolution and cover all of North America.

Task 5

Use the downscaled daily temperature and precipitation time series to produce projections of ETCCDI indices and conduct an extreme value analysis of rare (multi-year return period) temperature and precipitation events throughout North America.

4. DELIVERABLES:

- 1) Report: Completed Final Report outlining the process for downscaling method selection; describing rational of the selection of GCM simulations; describing methods used to produce downscaled projections.
- 2) Downscaled time series made available in publicly accessible format.

5. SCHEDULE OF DELIVERABLES:

The deliverables for this contract must be completed by April 15, 2014.

ANNEX "B"**BASIS OF PAYMENT and SCHEDULE OF MILESTONES**

The firm lot prices are in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded. FOB destination, Packaging, Transportation costs and the Canadian customs duties and excise taxes included.

The milestone schedules for which payments will be made, in accordance with the contract, is detailed below. Each claim for payment will include a 10% hold back.

Milestone No.	Date	Milestone	Firm all inclusive lot price /per Milestone	Schedule of Payment (10% Holdback will be deducted)
1	To be completed (___ weeks after date of contract award).	Task I, II, III in accordance with Annex "A" Statement of Work.	\$_____	Holdback (10%) \$_____
2	To be completed (___ weeks after date of contract award).	Task IV in accordance with Annex "A" Statement of Work.	\$_____	Holdback (10%) \$_____
3	To be completed (___ weeks after date of contract award).	Task V in accordance with Annex "A" Statement of Work.	\$_____	Holdback (10%) \$_____
4	April 15, 2014.	Study 4 Final Report Submitted.	\$_____	Holdback (10%) \$_____
5	April 15, 2014.	Deliverable - Final Report.	\$_____	Holdback (10%) \$_____

Solicitation No. - N° de l'invitation

KM040-131148/A

Client Ref. No. - N° de réf. du client

KM040-131148

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File No. - N° du dossier

TOR-3-36143

Buyer ID - Id de l'acheteur

tor015

CCC No./N° CCC - FMS No/ N° VME

ANNEX "C"

EVALUATION CRITERIA

See attached.

ANNEX "C"

EVALUATION CRITERIA

1. Mandatory Technical Criteria

Bidder must meet ALL of the mandatory technical criteria in order to be considered further. Failure to meet one (1) or more of the mandatory technical criteria will result in the proposal being deemed non-responsive and ineligible for further consideration and evaluation.

- 1.1 The proposed Project Manager must have a minimum of five (5) years experience, from the date of bid closing, in statistical downscaling method of selection. The proposal must demonstrate this experience by including a brief summary of all relevant studies the resource has been involved in.
- 1.2 The proposed Project Manager must have authored two or more reports or journals on the subject of downscaling method selection that have been published. To demonstrate meeting this criteria, the proposal must list the number of reports or journals published, the date the studies were conducted/completed and list all the publications.
- 1.3 The proposed Project Manager must have proven experience applying statistical downscaling methods to both RCM and GCM outputs. The proposal must include a resume of the Project Manager demonstrating how the experience applying statistical downscaling methods to both RCM and GCM outputs has been obtained.

2. Point-Rated Technical Criteria

The proposal must obtain a minimum total score 21 out of 30 points against the following point rated criteria, in order to be considered responsive.

2.1 Technical proposal (Maximum 30 points)

a)	Poor	Limited	Adequate	Good	Excellent
<p>The proposal should include a short introduction and scope of the work, with a brief evaluation of the need and objectives of the proposed work, the reasons for carrying it out as proposed, and the benefits to be derived by Environment Canada.</p> <p>Simply rewording the stated need and background of the Statement of Work is not sufficient to demonstrate understanding.</p>	<p>Poor understanding of the scope, objectives, and implications of required work, as evidenced by one of the following aspects: review of statistical downscaling in the literature, the need for the project, and the benefits of the work to Environment Canada.</p>	<p>Limited understanding of scope, objectives, and implications of required work, covering two of the following aspects: statistical downscaling in the literature, the need for the project, and the benefits of the work to Environment Canada.</p>	<p>Adequate understanding of scope, objectives, and implications of required work, covering two of the following aspects with sufficient details: statistical downscaling in the literature, the need for the project, and the benefits of the work to Environment Canada.</p>	<p>Good understanding of scope, objectives, and implications of required work, based on all following aspects: statistical downscaling in the literature, the need for the project, and the benefits of the work to Environment Canada.</p>	<p>Comprehensive understanding of scope, objectives, and implications of required work, based on all following aspects: statistical downscaling in the literature, the need for the project, and the benefits of the work to Environment Canada. The bidder demonstrates sufficient domain knowledge in statistical downscaling method of selection.</p>
10 points	1 point	3 points	5 points	8 points	10 points

b) The Bidder should clearly outline the approach and proposed methodology to meet the requirements of the study. Detail should be provided to demonstrate the feasibility and competency of the Bidder's approach to complete the work	Poor Poor, little or no discussion of the Bidder's proposed approach and methodology. Failure to demonstrate the feasibility of the approach and their competence to complete the work.	Limited Limited response falls somewhere between descriptions Poor and Adequate	Adequate Adequate discussion of the Bidder's proposed approach and methodology but lacking some details to fully demonstrate the feasibility of the approach.	Good Good response falls somewhere between descriptions between Adequate and Excellent.	Excellent Excellent discussion of the Bidder's proposed approach and methodology demonstrating fully the feasibility of the approach, achieving a high degree of confidence in the process and explaining the degree of success expected.
10 points	1 point	3 points	5 points	7 points	10 points
c) The proposal should include a discussion of potential problems and proposed solutions that may arise during the conduct of the work described in the SOW, including but not limited to staying on schedule. The proposal should demonstrate an immediate contingency plan and implementation plan in the event that a resource is no longer available to carry out the work set out in this SOW.	Poor Few or no problems identified and proposed solutions are absent or not feasible.	Limited Limited response falls somewhere between descriptions between Poor and Adequate.	Adequate The bidder identifies problems in most areas and provides reasonable solutions.	Good Good response falls somewhere between descriptions between Adequate and Excellent.	Excellent The bidder identifies both direct and peripheral problems in all areas and provides realistic, implementable solutions.
10 points	1 point	3 points	5 points	7 points	10 points

Total Score (minimum 30 points)	/ ____
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