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Solicitation is attached as PDF

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Grain Grading Lights

PART 1 - GENERAL INFORMATION

1. Introduction

The Request for Standing Offers (RFSO) is divided into seven parts plus attachments and annexes, as follows:

- | | |
|--------|--|
| Part 1 | General Information: provides a general description of the requirement; |
| Part 2 | Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO; |
| Part 3 | Offer Preparation Instructions: provides offerors with instructions on how to prepare their offer to address the evaluation criteria specified; |
| Part 4 | Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection; |
| Part 5 | Certifications: includes the certifications to be provided; |
| Part 6 | 6A, Standing Offer, and 6B, Resulting Contract Clauses: 6A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions; 6B includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer. |

The Annexes include the Requirement, the Basis of Payment, Point Rated Technical Criteria and the Standing Offer Usage Report.

2. Summary

The Industry Services division of the Canadian Grain Commission (CGC) requires a Regional Individual Standing Offer (RISO) for the supply and delivery of light-emitting diode (LED) suspended ceiling mountable grading bench lights, to replace the fluorescent lighting currently in use, in accordance with the Statement of Requirement attached as Annex A, during the period of the Standing Offer from Date of Issuance to November 30, 2015 with four (4) additional one year option years from December 1, 2015 to November 30, 2016, December 1, 2016 to November 30, 2017, December 1, 2017 to November 30, 2018 and December 1, 2018 to November 30, 2019.

Offerors must submit a list of names, or other related information as needed, pursuant to section 01 of Standard Instructions 2006.

The requirement is subject to the provisions of the Agreement on Internal Trade (AIT).

The requirement is subject to a preference for Canadian goods and/or services.

3. Debriefings

Offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of

receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

PART 2 - OFFEROR INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) 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) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The 2006 (2014-09-25), Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

1.1 SACC Manual Clauses

M0019T (2007-05-25), Firm Price and/or Rates

2. Submission of Offers

Offers 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 Request for Standing Offers.

2.1 Mandatory Site Visit:

It is mandatory that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for the site visit to be held at 303 Main Street, Winnipeg, Manitoba, R3C 3G8 on Thursday, November 6th, 2014. The site visit will begin at 9:30am CST in the lobby.

Bidders must communicate with the Contracting Authority no later than **November 4th at 1:00pm** CST to confirm attendance and provide the name(s) of the person(s) who will attend. Bidders will be required to sign an attendance sheet. Bidders should confirm in their bid that they have attended the site visit. Bidders who do not attend the mandatory site visit or do not send a representative will not be given an alternative appointment and their bid will be declared non-responsive. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation

3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than ten (10) calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by offerors 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 offerors do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all offerors. Enquiries not submitted in a form that can be distributed to all offerors may not be answered by Canada.

4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Saskatchewan.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, 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 offerors.

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. Offer Preparation Instructions

Canada requests that offerors provide their offer in separately bound sections as follows:

Section I: Technical Offer (one hard copy)

Section II: Financial Offer (one hard copy)

Section III: Certifications (one hard copy)

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

Canada requests that offerors follow the format instructions described below in the preparation of their offer.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Standing Offers.

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

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

Section II: Financial Offer

Offerors must submit their financial offer in accordance with the Annex B, Basis of Payment. The total amount of Applicable Taxes must be shown separately.

1.1 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

1.2 Prices - Items

Offerors must submit firm prices for all items listed in Annex "B".

1.3 Payment by Credit Card

Canada requests that offerors complete one of the following:

- (a) () Government of Canada Acquisition Cards (credit cards) will be accepted for payment of call-ups against the standing offer.

The following credit card(s) are accepted:

VISA _____

Master Card _____

- (b) () Government of Canada Acquisition Cards (credit cards) will not be accepted for payment of call-ups against the standing offer.

The Offeror is not obligated to accept payment by credit card.

Acceptance of credit cards for payment of call-ups will not be considered as an evaluation criterion.

Section III: Certifications

Offerors must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.
- (c) The evaluation team will determine first if there are two (2) or more offers with a valid Canadian Content certification. In that event, the evaluation process will be limited to the offers with the certification; otherwise, all offers will be evaluated. If some of the offers with a valid certification are declared non-responsive, or are withdrawn, and less than two responsive offers with a valid certification remain, the evaluation will continue among those offers with a valid certification. If all offers with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other offers received will be evaluated.

1.1. Technical Evaluation

1.1.1 Mandatory Technical Criteria

See Annex A – Requirement for the Mandatory specifications

Failure to meet all mandatory technical criteria as laid out in Annex A will render the bidder non responsive and will be given no further consideration.

1.1.2 Point Rated Technical Criteria

Offeror must meet all mandatory technical criteria in order to proceed with the Point Rated Technical Criteria (Bench Test) as laid out in Annex C

Bench Test:

MAXIMUM POINTS AVAILABLE = 30 MINIMUM PASS MARK = 24, inc. scoring from non-compensatory

The light fixtures provided by Bidders **must individually pass Evaluation factor 6** in Annex C in order to be further considered for the minimum pass mark, and subsequently, evaluation by lowest cost. Factor 6 is “non-compensatory”; this grading factor **must** meet or exceed the stated minimum pass mark to move forward in the evaluation process.

1.2 Financial Evaluation

The evaluated price of this Request for Standing Offer will be calculated by adding up each line item per year, as quoted in Annex B and summing the values, as follows:

Unit price/Year 1 + Unit price/ Option Year 1 + Unit price/ Option Year 2 + Unit price/ Option Year 3 + Unit price/ Option Year 4 = Evaluated Price

1.3 SACC Manual Clauses

SACC Manual Clause M0222T (2013-04-25), Evaluation of Price

2. Basis of Selection – Minimum Point Rating

1. To be declared responsive, an offer must:
 - a. comply with all the requirements of the Request for Standing Offer (RFSO); and
 - b. meet all mandatory technical evaluation criteria; and
 - c. obtain the required minimum points overall for the technical evaluation criteria which are subject to point rating." – See Annex C
2. Offers not meeting (a) or (b) or (c) will be declared non-responsive. The responsive offer with the lowest evaluated price will be recommended for issuance of a standing offer.

PART 5 - CERTIFICATIONS

Offerors must provide the required certifications and associated information to be issued a standing offer.

The certifications provided by offerors to Canada are subject to verification by Canada at all times. Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default in carrying out any of its obligations under any resulting contracts, if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority may render the Offer non-responsive, may result in the setting aside of the Standing Offer or constitute a default under the Contract.

1. Certifications Required Precedent to Issuance of a Standing Offer

1.1 Integrity Provisions - Associated Information

By submitting an offer, the Offeror certifies that the Offeror and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Offer of Standard Instructions [2006](#). The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror 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-Labour's](#) website.

Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

2. Certifications Required with the Offer

Offerors must submit the following duly completed certifications with their offer.

2.1 Canadian Content Certification (M3061T)

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the request for standing offers, offerors acknowledge that only offers with a certification that the good(s) offered are Canadian goods, as defined in clause [A3050T](#), may be considered.

Failure to provide this certification completed with the offer will result in the good(s) offered being treated as non-Canadian goods.

The Offeror certifies that:

() the good(s) offered are Canadian goods as defined in paragraph 1 of clause [A3050T](#)

2.1.1 SACC *Manual* clause [A3050T](#) (2010-01-11), Canadian Content Definition

PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

1. Offer

1.1 The Offeror offers to fulfill the requirement in accordance with the Requirement at Annex "A".

2. Security Requirement

There is no security requirement applicable to this Standing Offer.

3. Standard Clauses and Conditions

All clauses and conditions identified in the Standing Offer and resulting contract(s) 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)* (<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

2005 (2014-09-25), General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

3.2 Standing Offers Reporting

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card.

The Offeror must provide this data in accordance with the reporting requirements detailed in Annex "D ". If some data is not available, the reason must be indicated. If no goods or services are provided during a given period, the Offeror must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Standing Offer Authority.

The quarterly reporting periods are defined as follows:

1st quarter: April 1 to June 30;

2nd quarter: July 1 to September 30;

3rd quarter: October 1 to December 31;

4th quarter: January 1 to March 31.

The data must be submitted to the Standing Offer Authority no later than thirty (30) calendar days after the end of the reporting period.

4. Term of Standing Offer

4.1 Period of the Standing Offer

The period for making call-ups and providing services against the Standing Offer is from date of issuance to November 30, 2015 inclusive.

4.2 Extension of Standing Offer

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for four (4) additional one year option years from December 1, 2015 to November 30, 2016, December 1, 2016 to November 30, 2017, December 1, 2017 to November 30, 2018 and December 1, 2018 to November 30, 2019. under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority thirty (30) days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

5. Authorities

5.1 Standing Offer Authority

The Standing Offer Authority is:

Meagan Kowal
Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch - Western Directorate
Government of Canada Building
101 22nd Street East, Suite 110
Saskatoon, SK
S7K 0E1

Telephone: 306-241-1169

Facsimile: 306-975-5397

E-mail address: meagan.kowal@pwgsc-tpsgc.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Contracting Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

5.2 Project Authority

The Project Authority for the Standing Offer is:

TBD

The Project Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up under the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.

5.3 Offeror's Representative

Name _____

Title _____

Address _____

Telephone: _____

Facsimile: _____

6. Identified Users

The Identified User authorized to make call-ups against the Standing Offer is: Canadian Grain Commission, Winnipeg, Manitoba

7. Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form PWGSC-TPSGC 942, Call-up Against a Standing Offer.

8. Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$180,000.00 (Applicable Taxes included).

9. 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 call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions [2005](#) (2014-09-25), General Conditions - Standing Offers - Goods or Services
- d) the general conditions [2010A](#) (2014-09-25), General Conditions - Goods (Medium Complexity)
- e) Annex A, Requirement;
- f) Annex B, Basis of Payment;
- g) Annex C, Point Rated Technical Criteria
- h) Annex D, Standing Offer Usage Reports;
- i) the Offeror's offer dated _____ TBD

10. Certifications

10.1 Compliance

The continuous compliance with the certifications provided by the Offeror with its offer and the ongoing cooperation in providing associated information are conditions of issuance of the Standing Offer (SO). Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO. If the Offeror does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Offeror in its offer is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and set aside the Standing Offer.

10.2 SACC Manual Clauses

M3060C (2008-05-12), Canadian Content Certification

11. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Saskatchewan

B. RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

1. Requirement

The Contractor must provide the items detailed in the call-up against the Standing Offer.

2. Standard Clauses and Conditions

2.1 General Conditions

2010A (2014-09-25), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

Section 16 Interest on Overdue Accounts, of 2010A (2014-09-25), General Conditions – Goods (Medium Complexity) will not apply to payments made by credit cards.

3. Term of Contract

3.1 Delivery Date

Delivery must be completed in accordance with the call-up against the Standing Offer.

4. Payment

4.1 Basis of Payment - Firm Price, Firm Unit Price(s) or Firm Lot Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified in Annex B for a cost of \$ TBD at call up. 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.

4.2 Single Payment

SACC Manual clause [H1000C](#) (2008-05-12), Single Payment

4.3 SACC Manual Clauses

C2000C (2007-11-30), Taxes - Foreign-based Contractor

D5328C (2014-06-26) Inspection and Acceptance

4.4 Payment by Credit Card

To be Determined

5. 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. Insurance

SACC *Manual* clause [G1005C](#) (2008-05-12), Insurance

7. SACC Manual Clauses

B7500C (2006-06-16), Excess Goods

ANNEX "A"

REQUIREMENT

LED suspended ceiling mountable grading bench lights

Background:

Inspection areas are required to meet specific lighting specifications in order to comply with the International Standards Organization; there is an ongoing requirement to maintain Industry Services ISO 9001-2008 certification. These specifications are required to be met to ensure that lighting and ambient conditions are suitable for the grading of grain, in a consistent and reproducible manner across Canada.

This ensures that all grain samples are being inspected under the same lighting conditions and producers are getting the same results from any Canadian Grain Commission (CGC) office in Canada.

Requirement:

The Industry Services division of the Canadian Grain Commission (CGC) requires light-emitting diode (LED) suspended ceiling mountable grading bench lights, to replace the fluorescent lighting currently in use.

The CGC currently owns frames for the light boxes, or fixtures, to be mounted in. These frames have been custom-made to CGC specifications.

The total number of light fixtures required to replace the existing fluorescent light fixtures is estimated to be 80 individual units.

In the event that any additional lights need to be purchased after the initial replacement, four , one year Option periods is also required.

Mandatory Technical Criteria

Part 1: GENERAL PERFORMANCE SPECIFICATIONS

1.1 Fixture (to be inserted into existing custom frames)

1.1a Fixture: length=23.75 inches, width=23.75 inches, height=4.0 inches

Contractors who wish to bid on this contract MUST attend the site visit to take their own measurements; the LED light fixtures must fit in pre-existing frames. It is also expected that the light boxes will be of an industry-standard size and will not require custom manufacture.

1.1b Three (3) individual fixtures must fit side by side into a pre-manufactured frame that is approximately 72.0 inches long, 24.0 inches wide, and 4.5 inches high

1.1c Each individual fixture must have a minimum of 240 individual LED bulbs OR meet all of the minimum mandatory light testing levels as described below in 1.2.

1.1d Reflectors must be heat-resistant, non-yellowing, white enamel-coated

- 1.1e Diffusers must be constructed of opaque acrylic or of a product of similar properties which will provide the same opacity and light diffusion as acrylic. This is tested as a product of the results outlined below for 1.2a, 1.2b and 1.2c.

1.2 Light-emitting diode (LED) lights

- 1.2a The color temperature (Kelvin) readings taken with a Lighting Passport (AsenseTEK) light meter must be between 3500 and 4500

- 1.2b The brightness (Lux) readings taken with a Lighting Passport (AsenseTEK) light meter must be between 2000 and 4000 Lux

- 1.2c Color Rendering Index (CRI) must be 85 or higher.

(Color rendering: This measurement evaluates the quality of light in comparison with noon sunlight; numerically, the highest possible CRI is 100.)

Part 2: Electrical Specifications

- 2.1 The fixture must be approved by the Canadian Standards Association (CSA) or CSA International *before* shipping to the Canadian Grain Commission.

- 2.2 The requirement for fixtures may include requests for both hard-wired and corded fixtures, interchangeably.

The fixtures will be installed utilizing the existing electrical elements, by an electrician hired by the CGC or by CGC staff (for corded units). The minimum gauge of wiring must be 16 gauge or better.

- 2.3 The plugs for all wired units must be three-prong grounded plugs (North American standard).

Part 3: Site Visit

- 3.1 A site visit is Mandatory for all potential bidders.**

The purpose of the Site Visit will be to allow each potential bidder to take exact measurements of the existing frame in which the fixtures/light boxes must fit, and to identify the optimum electrical requirements for the cord (minimum 16 gauge, for corded units). Potential bidders will also be able to view the lighting configurations first-hand in an actual grading lab.

Three (3) sample units, manufactured to the specifications to be proposed in the final bid, must be provided for bench testing by the time of bid closing as specified in the RFSO.

All sample units provided by bidders for the bench test will be returned by the CGC.

Part 4: Bench Test

- 4.1 Bench Test: Testing all of the criteria from 1.1 and 1.2 will take place on site at the CGC lab using custom light stands and submitted light fixtures**

- 4.1a The bench test will require the following:

Three (3) fixtures (specifications as per Vendor's Bid Proposal) must accompany Proposal to be considered, (fixtures must be delivered before bid cut-off to location specified below), to be fit into the CGC's premanufactured frame in a side-by-side configuration.

Bidder must have submitted three corded light fixtures by the time of bid closing for the bench test as specified in the RFSO to **Public Works and Government Services Canada, 100-167 Lombard Avenue, Winnipeg, MB R3B 0T6**. Please ensure that the lights are clearly labelled with the solicitation number and that they are addressed to Adele Palmer and Bill Perkins.

Light meter readings will be taken by a CGC staff member, utilizing a Lighting Passport (AsenseTEK) color meter to ensure the color temperature and brightness requirements are met.

Grain Inspectors will then inspect grain samples under the sample light source to ensure that the lighting is appropriate for required consistency of work conditions, and meets defined safe working conditions established for repetitive tasks.

The list of grading factors is attached.

4.2 **Lighting evaluation factors**

- 4.2a LED lighting must operate within the required standard range of light meter readings, set at 2000 - 4000 Lumens (Brightness)
- 4.2b LED lighting must operate within the required standard range of light meter readings, set at 3500-4500 Kelvin (Color temperature)
- 4.3c The LED lighting reflecting from the work surface should be similar to working under natural Northern light to the naked eye; squinting, shielding the eyes or a tendency to look away from the work surface indicate divergences from natural light.
- 4.4d Grain samples must appear visually the same under LED lights as they do under existing fluorescent lights; this will be a non-compensatory pass factor.

PART 5: INSTALLATION

- 5.1 All light panels must be shipped "ready to mount" and plug into a standard three-prong socket OR to be hard-wired by an electrician of CGC's choice (per requirements of various GoC Tenant Agreements). Wiring requirements (plug or hard-wire ready) will be determined at time of order.

***This does not include the lights for the bench test; bench test lights must have a 16 gauge cord with a three-prong grounded plug.**

Part 6: DELIVERY, INSPECTION, PACKAGING

- 6.1 Delivery charges to destination to be pre-paid and added to the invoice at cost, without mark-up. If the Units ship to a CGC office from within one of the cities listed above, no delivery charges will apply within city limits.

FOB Destination - four possible delivery points:

- i. 303 Main Street, Suite B-47, Winnipeg, Manitoba R3C 3G8.
- ii. 333 Seymour Street, Suite 300, Vancouver British Columbia V6B 5A6

- iii. 2901 rue Rachel, suite 13, Montreal, Quebec H1W 4A4
- iv. 221 North Archibald Street, Thunder Bay, Ontario P7C 3Y3

- 6.2 Inspection and acceptance will be done at the destination to the satisfaction of the Designated User or an authorized representative, per section 1.2. Any goods provided that *do not meet* the provided specifications will be returned to the supplier; Bidder agrees to replace the goods at no additional cost – including return shipping.
- 6.3 Packaging and shipping are to be in accordance with the industry standard for all items in order to ensure their safe arrival at destination. Packing slips must accompany each shipment, referencing the Contract number. The Contractor will be responsible for the safe delivery and obtaining acceptance of the Unit. All items shall remain the responsibility of the Contractor until delivered, inspected and accepted by an authorized representative of Canada. Following initial acceptance of the Unit, all charges incurred for the replacement of malfunctioning equipment will be borne by the Contractor during the initial warranty period. Costs associated with replacement of equipment damaged in transit to the destination will be borne by the Contractor and the equipment shall not be considered "delivered" for the purposes of satisfying the delivery time requirements as detailed above, unless the equipment is undamaged and ready for acceptance testing.

Part 7: DOCUMENTATION & TECHNICAL MANUALS /SCHEMATICS

- 7.1 The Contractor must provide a complete and current set of end-user documentation with each unit delivered, including technical reference manuals from the Original Equipment Manufacturer (OEM) for each item delivered. Manuals may be unilingual English. Canada has the right to translate any of the unilingual technical manuals into the second of the two Official Languages and to make free use of that translation for Canada's purpose. This right shall include the right to make, or to have made, copies for Canada's purposes only and to ultimately destroy these copies and the Contractor shall have no right to the translation.

PART 8: WARRANTY

- 8.1 Each Unit must be covered by a minimum of a one (1) year replacement warranty, inclusive of return shipping for any defective units, from the date of acceptance.
- 8.2 Take-back policy: the vendor must provide for environmental disposal of the proposed units at end-of-life.

Specifications:

Each mandatory specification noted above must be addressed by the bidder e.g. "compliant" or "non-compliant" followed by as much detail as possible. It will be to your advantage to furnish as much detail as possible to support your comments and your claims of compliance for each specification. Reference the page number and highlight the specification in your technical literature that supports your compliance. If there is no technical literature to support a specification, you should indicate so.

The Crown is under NO obligation to seek clarification of the bid(s) or the supporting technical documentation provided. Bidders should note that failure to be able to demonstrate any capability to which they claim compliance will result in their proposal being considered non-responsive. Canada reserves the right to reject any bid which does not comply with this solicitation. Any deviation is to be clearly identified and supported with full details.

Failure to present a proposal complete with technical data to support compliance may result in the bid being regarded as non-responsive, and no further consideration would be given to the submission.

ANNEX "B"

BASIS OF PAYMENT

(All prices are GST extra, FOB Destination, including all shipping and delivery costs)

Year One: Date of Issuance to November 30, 2015:

(It is estimated that 80 individual units will be required in year one)

LED Grain Grading Lights in accordance with the Specifications detailed in Annex "A", Requirement

\$ _____ /each

Option Year One – December 1, 2015 to November 30, 2016:

LED Grain Grading Lights in accordance with the Specifications detailed in Annex "A", Requirement

\$ _____ /each

Option Year Two – December 1, 2016 to November 30, 2017:

LED Grain Grading Lights in accordance with the Specifications detailed in Annex "A", Requirement

\$ _____ /each

Option Year Three - December 1, 2017 to November 30, 2018:

LED Grain Grading Lights in accordance with the Specifications detailed in Annex "A", Requirement

\$ _____ /each

Option Year Four - December 1, 2018 to November 30, 2019:

LED Grain Grading Lights in accordance with the Specifications detailed in Annex "A", Requirement

\$ _____ /each

Annex "C"

Point Rated Technical Criteria

Bench Test for evaluating LED Grading Light Fixtures

The bench test will require vendors to supply the following by close of bid:

Three (3) LED light fixtures, which are to be shipped to **Public Works and Government Services Canada, 100-167 Lombard Avenue, Winnipeg, MB R3B 0T6**. Please ensure that the lights are clearly labelled with the solicitation number and that they are addressed to Adele Palmer and Bill Perkins. A return address label is also required in order for the lights to be returned after evaluation.

The Three (3) LED light fixtures will be fitted into the CGC's pre-manufactured frame in a side-by-side configuration. ***All frame measurements must be taken by the vendor themselves at the Mandatory Site visit.**

The test fixtures must be corded, with a *minimum* 16 gauge, North American standard 3-prong grounded plug/connector.

For the purposes of the bench test, the existing fixture will be set at a standard distance of one (1) meter above the grading bench on which three (3) samples will be inspected. Each sample takes approximately five minutes to inspect, for an actual test time of 15 minutes.

Once the light fixtures are installed in the pre-existing frames, light meter readings will be taken by a CGC staff member, utilizing a CGC-owned Lighting Passport (AsenseTEK) meter to test the color temperature (measured in Kelvin) and brightness (measured in Lux) of the LED lights provided.

CGC Grain inspectors will then inspect grain samples under the sample light source to ensure that the lighting is appropriate for both the required consistency of work conditions and established Health & Safety factors.

Evaluation will be by consensus of at least three trained Inspectors. Discomfort (under specification 5, below) could include spots in front of the eyes, or a glare that causes fatigue or headache.

The following specifications will be tested:

1. Do the fixtures fit into the frame correctly? (Checking for gaps, rubbing, ease of fit into frame)
2. Does the color temperature (Kelvin) meet the technical specifications?
3. Does the brightness (Lux) meet the technical specifications?
4. Is the CRI (color rendering index) above 85?
5. Does the lighting on the work surface appear to be similar to working under natural Northern light to the naked eye?
6. Do grain samples appear visually the same under LED lights as they do under existing fluorescent lights?
(0-does not appear the same / 5-appears the same) ***Must have a minimum of 3 points to pass.**

The light fixtures provided by Bidders **must individually pass Evaluation factor 6** below in order to be further considered for the minimum pass mark, and subsequently, evaluation by lowest cost. Factor 6 is “non-compensatory”; this grading factor **must** meet or exceed the stated minimum pass mark to move forward in the evaluation process.

MAXIMUM POINTS AVAILABLE = 30; MINIMUM PASS MARK = 24, inc. scoring from non-compensatory

1. Do the fixtures fit into the frame correctly?
MAX 5 POINTS
No gap/no rubbing/no scraping – 5 points
Gap of 1 cm or less – 3 points
Gap over 1 cm – 0 points
2. Does the color temperature meet specifications within accepted range of 3500-4500 Kelvin?
MAX 5 POINTS (Pass / Fail)
Yes – 5 points
No – 0 points
3. Does the brightness meet specifications within accepted range of 2000 - 4000 Lumens?
MAX 5 POINTS (Pass / Fail)
Yes – 5 points
No – 0 points
4. Is the CRI (color rendering index) at a minimum of 85 (up to a maximum of 100)?
MAX 5 POINTS (Pass / Fail)
Yes – 5 points
No – 0 points
5. Does the lighting on the work surface appear to be similar to working under natural Northern light to the naked eye?
MAX 5 POINTS
The LED light is like working under natural light; there is no noticeable difference to the eyes – 5 points
The LED light causes **one of the following** to occur: Squinting, shielding the eyes or tendency to look away from work surface – 3 points
The LED light causes the evaluator to immediately look away from light on work surface, **or more than one factor** identified above (squinting, shielding the eyes or tendency to look away from work surface) – 0 points
6. Do grain samples appear visually the same as under existing fluorescent lights?
***MUST OBTAIN A MINIMUM PASS MARK OF 3 POINTS – NON-COMPENSATORY**
MAX 5 POINTS
Color of grain sample appears exactly the same as under control lighting – 5 points
Color of grain sample appears to be slightly lighter or darker than the same sample under the control lighting – 3 points
Color of grain sample does not appear at all the same as under control lighting – 0 points

ANNEX "D"

STANDING OFFER USAGE REPORT

Return to:

Public Works and Government Services Canada
Acquisitions Branch
Facsimile: (306) 975-5397
Email: wst-pa-sk@pwgsc-tpsgc.gc.ca

Quarterly Usage Report Schedule:

1st quarter: April 1 to June 30;
2nd quarter: July 1 to September 30;
3rd quarter: October 1 to December 31;
4th quarter: January 1 to March 31.

SUPPLIER: _____

STANDING OFFER NO: 5K004-154859
DEPARTMENT OR AGENCY: Canadian Grain Commission

| Item No. | Call-Up/contract No. Description | Value of the Call-Up/Contract (GST/HST excluded) |
|--|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| (A) Total Dollar Value Call-ups for this reporting period: | | |
| (B) Accumulated Call-Up totals to date: | | |
| (A+B) Total Accumulated Call-Ups: | | |

NIL REPORT: We have not done any business with the federal government for this period []

PREPARED BY: _____

SIGNATURE:

DATE: