



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Regional Manager/Real Property
Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario

SOLICITATION AMENDMENT MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

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

Issuing Office - Bureau de distribution
Regional Manager/Real Property Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario

Title - Sujet CCIW Lab Modernization Plan	
Solicitation No. - N° de l'invitation EQ754-171534/A	Amendment No. - N° modif. 010
Client Reference No. - N° de référence du client R.077680.001	Date 2016-12-09
GETS Reference No. - N° de référence de SEAG PW-\$PWL-041-2221	
File No. - N° de dossier PWL-6-39095 (041)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-01-10	
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: Chan, Ricky	Buyer Id - Id de l'acheteur pwl041
Telephone No. - N° de téléphone (416) 512-5276 ()	FAX No. - N° de FAX (416) 512-5862
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Environment Canada CCIW Building 867 Lakeshore Rd Burlington, ON X1X 1X1	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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

Solicitation Amendment No. 010 is being raised to amend the Request for Proposal.

1) **Reference:** Table of Contents

Proponents are hereby instructed to:

INSERT: "SC4 Optional Services – Additional Funding"

2) **Reference:** Terms, Conditions and Clauses, Supplementary Conditions (SC)

Proponents are hereby instructed to:

INSERT: "SC4 Optional Services – Additional Funding"

Canada has the option to acquire the services described in the Project Brief under the same terms and conditions and at the prices or rates stated in the Contract. The option may be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, by a contract amendment.

Canada may increase the estimated construction budget of \$16,800,000, by up to an additional \$8,400,000. Should Canada exercise this option prior to March 31, 2020 the consultant will perform the work at the same percentage fee identified in the Price Proposal. After this date, Canada may, upon request, revise the percentage fee in its sole discretion."

3) **Reference:** Project Brief, PD 2 Project Identification, 2.2 Project Description, 2.2.1 Project Scope

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: "2.2.1 Project Scope"

The *CCIW Lab Modernization Plan Implementation and Optional Master Planning Services* project will comprise of the implementation of a portion of the *Lab Modernization Plan* (LMP, Dialog, 2015), renovating labs W246 through W249 to become swing space for project, and sprinklering the CCIW complex, including the National Water Research Institute (NWRI), Wastewater Technology Centre (WTC) and Annex buildings, as outlined in the *Fire Safety Upgrades – Sprinkler System* study (WSP, July 2016).

The work for the Master Planning Services is optional and further identified in 2.2.2.2 - *Optional Services – Master Planning*. Current funding is as identified in *Section 2.3* -

Costs. There is a second optional service, identified in 2.2.2.1 – *Optional Service – Additional Funding*, to add up to \$8,400,000 to the estimated construction budget, should additional funding become available at a later date.

The Consultant's services will be divided into three phases: Pre-Design Services, Design Services and Tender and Construction Services. During the Pre-Design services phase, the Project Team and Construction Manager will review all of the existing documentation for the LMP and other required scope, determining what extent of the identified scope of work can be delivered for the identified project budget. Once the scope is approved, this work can then proceed into the Design Services Phase.

The base contract work will incorporate a portion of the scope as identified in the Lab Modernization Plan (LMP; PWGSC, 2015/16). The LMP is a series of reports and a design concept for modernizing and recapitalizing the A&L building's laboratories on floors 4 through 7, and related areas. Other priority projects identified by EC that are included in the base contract include:

- Renovating Labs W246 through W249, which is to be utilized as project laboratory swing space for the duration of implementation of the LMP, and
- Providing a National Building Code of Canada (NBC) 2015 and National Fire Protection Association (NFPA) 13 "Standard for the Installation of Sprinkler Systems" compliant, fully sprinklered CCIW, including NWRI, WTC and Annex Buildings, as outlined in the Fire Safety Upgrades – Sprinkler System study (WSP, July 2016).

The deliverables for the sprinklering of the building produced based on this Terms of Reference shall:

- Incorporate the WSP Consulting Engineering report, "Life Safety Upgrades Sprinkler System" dated July 26, 2016, to provide a fully sprinklered CCIW-NWRI complex based on WSP Report **Option 1: Building Occupied – After Hours**,
- All Sprinkler work is to occur after normal operating hours.
 - Normal operating hours are as follows:
 - Monday to Friday 07:00 hours to 18:00 hours
 - Saturday Closed
 - Sunday Closed
- All design and construction shall be compliant with the National Building Code of Canada (NBC) 2015 and National Fire Code of Canada (NFC) 2015 and referenced standards.

- referenced standards include but are not limited to:
 - NFPA 13-2016, Standard for the Installation of Sprinkler Systems
 - NFPA 20-2016, Standard for the Installation of Stationary Pumps for Fire Protection
 - CAN/CSA C282-15, Emergency Electrical Power Supply for Building
 - CAN/ULC-S524-14, Standard for the Installation of Fire Alarm Systems
 - CAN/ULC-S537-13, Standard for the Verification of Fire Alarms
- removal of all fire alarm initiating devices made redundant as a result of installed sprinkler system

As the entire complex is presently occupied, the project will take into account strategic phasing and be implemented over a 5-year period, to minimize disruption to EC staff and the public. With the input of the Construction Manager the scope of work will be organized into a series of work packages, which will then be delivered over the course of the project to meet the Client's forecasted cash flow over the 5 years. If the client gets additional funding, there is the possibility that work packages allocated to the 10-year plan could be made part of the scope of the implemented scope."

4) **Reference:** Project Brief, PD 2 Project Identification, 2.2 Project Description, 2.2.2 Optional Services

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: "2.2.2 Optional Services

2.2.2.1 Optional Services - Additional Funding

Current funding is as identified in *Section 2.3 - Costs*. Canada reserves the right to add up to an additional 50% being approximately \$8,400,000 to the estimated construction budget of \$16,800,000.

The scope of the additional funding would be for works related to the LMP, related base building and/or services upgrades, and/or for priority projects identified under the Master Plan. The scope of work for these optional services would be to provide all Required, Additional and Specialized services that are part of the contract for the additional estimated construction cost.

2.2.2.2 Optional Services – Master Planning

At the sole discretion of Canada, the Consultant may be required to perform the optional services, identified in the *Description of Services – Optional Services*, during a Master Planning Phase.

Through the Master Planning Services Phase the project team would examine the current space utilization of the facility, determine program and spatial inefficiencies, and develop a new functional program that works to incorporate new and emerging science and technology to better meet the current and future lab users' needs. The project will also provide a study of the existing mechanical, electrical and structural systems of the building, providing the opportunity to replace existing building systems at the end of their effective service lives, gain energy savings, and to better serve current programmes of work and ensure the health and safety of users by meeting current requirements in terms of applicable codes, design standards, guidelines and policies.

The Master Plan would provide a study of the entire facility, including the exterior envelope, setting out 10 and 20-year plans for the facility. These plans will comprise of a series of work packages, outlining the various sub-projects scope, budget, and duration, such that they can be used in the future by EC for the recapitalization of the facility.

Should the optional services be exercised the scope of work would proceed concurrently with the Design Services Phase for the LMP and other identified scope. The project team shall take the LMP into consideration for their Master Planning reports, but don't need to conduct further investigations and reports for the scope covered under these reports.

The Consultant will also have the Sustainable Design Specialist prepare a Sustainability Recommendations report on green initiatives that CCIW will include in the 10 and 20-year Master Plans in order to reduce their footprint and improve their environmental sustainability.

The objectives of the Master Plan shall include, but are not limited to, the following:

1. Investigate the existing conditions and building systems of entire facility;
2. Review studies and documentation and reports including Designated Substance Survey (DSS) report and Asbestos Assessment Report, maintenance history and concerns, potential impact on the existing systems, and health and safety requirements;

3. Meet with and /or interview user groups to identify and evaluate their current and future requirements;
4. Prepare investigation report
5. Develop a plan / strategy for modernizing and recapitalizing the facility;
6. Review and identify EC's current projects in planning, design, and construction phases at CCIW and to integrate them into the plan which includes options, recommendations, and cost analysis.
7. Each option/work package shall include, but is not limited to, the following:
 - a. Floor plans
 - b. Functional Programming
 - c. Feasibility Studies
 - d. Phasing plans including demolition plans and swing space on other floors within CCIW facility
 - e. Interior and exterior elevations
 - f. Schematic architectural details and integrated building systems (structural, mechanical, electrical, life safety, fire protection, etc)
 - g. Project schedule
 - h. Equipment
 - i. Sustainable Development Design Options
 - j. CEAA
 - k. Class C Cost estimate

Further details are provided in the Required Services, Additional Services, and Specialized Services section."

5) **Reference:** Project Brief, PD 2 Project Identification, 2.3 Cost

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: **"2.3 Cost**

2.3.1 Estimated Construction Costs

The total Estimated Construction Cost for the project is \$16,800,000, including escalation, excluding HST. The construction cost estimates do not include Administration costs; Project Management fees; Design Consultant or CM fees. Estimated Construction Cost is in 'Budget-Year (Current)' dollars and it includes General Contractor Services and an allowance for escalation.

The approved funding for the *Lab Modernization Plan Implementation and Optional Master Planning Services* project does not cover the entire scope of work identified in

the original report, so the Project Team must first work to identify the scope that is feasible for the identified budget.

2.3.2 Tentative Cash Flow

The consultant will divide the scope of work into work packages, which are to be delivered based on the clients required cash flow. This cash flow will be reviewed by the project team and Client at regular intervals and revised as necessary to reflect the most effective delivery of the project.

Construction Costs

B16/17	B17/18	B18/19	B19/20	B20/21	B21/22	Total
\$0	\$1,000,000	\$5,000,000	\$3,900,000	\$3,900,000	\$3,000,000	\$16,800,000*

*These identified construction costs are to include all escalation"

- 6) **Reference:** Submission Requirements and Evaluation (SRE), SRE 2 Proposal Requirements, 2.1 Requirement for Proposal Format

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: **"2.1 Requirement for Proposal Format**

The following proposal format information should be implemented when preparing the proposal.

- Submit one (1) bound original plus four (4) bound copies of the proposal;
- Paper size should be - 216mm x 279mm (8.5" x 11");
- Minimum font size - 11 point Times or equal;
- Minimum margins - 12 mm left, right, top, and bottom;
- Double-sided submissions are preferred;
- One (1) 'page' means one side of a 216mm x 279mm (8.5" x 11") sheet of paper;
- 279mm x 432 mm (11" x 17") fold-out sheets (i.e. for spreadsheets and organization charts) will be counted as two pages;
- The order of the proposals should follow the order established in the Request for Proposal SRE section."

7) **Reference:** Submission Requirements and Evaluation (SRE), SRE 6 Submission Requirements – Checklist

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: **“SRE 6 SUBMISSION REQUIREMENTS - CHECKLIST**

The following list of documents and forms is provided with the intention of assisting the Proponent in ensuring a complete submission. The Proponent is responsible for meeting all submission requirements.

Please follow detailed instructions in R1410T General Instructions to Proponents, GI16 Submission of Proposal. Proponents may choose to introduce their submissions with a cover letter.

Team Identification – see typical format in Appendix A

Declaration/Certifications Form – completed and signed form in Appendix B

Integrity Provisions – Required documentation – **as applicable** in accordance with the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>) and as per R1410T (2016-04-04), General instructions 1 (GI1), Integrity Provisions – Proposal, **section 3a.**

Integrity Provisions – Declaration of Convicted Offences – **with its bid, as applicable** in accordance with the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>) and as per R1410T (2016-04-04), General instructions 1 (GI1), Integrity Provisions – Proposal, **section 3b.**

Proposal – one (1) original plus four (4) copies

Front page of RFP

Front page(s) of any solicitation amendment

In a separate envelope:

Price Proposal Form one (1) completed and submitted in a separate envelope”

8) **Reference:** Submission Requirements and Evaluation (SRE), SRE 4 Price of Services

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: **“SRE 4 Price of Services**

All price proposal envelopes corresponding to responsive proposals which have achieved the pass mark of sixty (60) points will be opened upon completion of the technical evaluation.

Price proposals will be evaluated on the basis of a Percentage Fee and a Fixed Fee. The Percentage Fee and Fixed Fee will be evaluated separately. The Evaluated Percentage Fee for Required, Additional and Specialized Services will be given a Price Score out of 15. The Evaluated Fixed Fee for Optional Services – Master Planning will be given a Price Score out of 5. The aggregate of the Percentage Fee and the Fixed Fee will form the Total Evaluated Fee.

An average price is determined by adding the Total Evaluated Fee of all the price proposals together and dividing the total by the number of price proposals being opened.

All price proposals with a Total Evaluated Fee greater than twenty-five percent (25%) above the average fee will be set aside and receive no further consideration.

The remaining price proposals are rated as follows:

1. The lowest Total Evaluated Percentage Fee for Required, Additional and Specialized Services receives a Price Rating/Maximum Score of 15;
2. The Total Evaluated Percentage Fee for Required, Additional and Specialized Services for other price proposals will receive a Price Rating for Percentage Fee based on the following formula:

$$\frac{\text{Lowest Total Evaluated Percentage Fee for Required Services}}{\text{Proponent's Total Evaluated Percentage Fee for Required Services, Additional Services and Specialized Services}} \times 15 \text{ points} = \text{Price Rating for Percentage Fee for Required, Additional and Specialized Services}$$

3. The lowest Total Evaluated Fixed Fee for Optional Services – Master Planning receives a Price Rating/Maximum Score of 5;
4. The Total Evaluated Fixed Fee for Optional Services – Master Planning for other price proposals will receive a Price Rating for Fixed Fee based on the following formula:

$$\frac{\text{Lowest Total Evaluated Fixed Fee for Optional Services – Master Planning}}{\text{Proponent's Total Evaluated Fixed Fee for Optional Services – Master Planning}} \times 5 \text{ points} = \text{Price Rating for Fixed Fees for Optional Services – Master Planning}$$

9) **Reference:** Submission Requirements and Evaluation (SRE), SRE 5 Total Score

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: "SRE 5 Total Score

SRE 5 TOTAL SCORE

Total Scores will be established in accordance with the following:

Rating	Possible Range	% of Total Score	Score (Points)
Technical Rating	0 - 100	80	0 - 80
Price Rating – Percentage Fee	0 - 100	15	0 - 15
Price Rating – Fixed Fee for Optional Services – Master Planning	0 - 100	5	0 - 5
Total Score		100	0 - 100

The Proponent receiving the highest Total Score is the first entity that the Evaluation Board will recommend for the provision of the required services. In the case of a tie, the proponent submitting the lower Total Evaluated Fee for the services will be selected."

10) **Reference:** Supplementary Instructions to Proponents (SI), SI7 Changes to Clause R1410T (2016-04-04) General Instructions (GI) – Architectural and/or Engineering Services – Request for Proposal

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT:

"SI7 Changes to Clause R1410T (2016-04-04) General Instructions (GI) – Architectural and/or Engineering Services – Request for Proposal

1. Section GI3 (2015-03-25) Overview of Selection Procedure, 3.2 Proposal Evaluation and Rating, Item 5. is deleted and replaced with the following:

GI3 3.2 Proposal Evaluation and Rating

5. The remaining prices proposals are rated as follows:

- b. The lowest Total Evaluated Percentage Fee for Required, Additional and Specialized Services receives a Price Rating/Maximum Score of 15;

- c. The Total Evaluated Percentage Fee for Required, Additional and Specialized Services for other price proposals will receive a Price Rating for Percentage Fee based on the following formula:

$$\frac{\text{Lowest Total Evaluated Percentage Fee for Required Services}}{\text{Proponent's Total Evaluated Percentage Fee for Required Services, Additional Services and Specialized Services}} \times 15 \text{ points} = \text{Price Rating for Percentage Fee for Required, Additional and Specialized Services}$$

- d. The lowest Total Evaluated Fixed Fee for Optional Services – Master Planning receives a Price Rating/Maximum Score of 5;

- e. The Total Evaluated Fixed Fee for Optional Services – Master Planning for other price proposals will receive a Price Rating for Fixed Fee based on the following formula:

$$\frac{\text{Lowest Total Evaluated Fixed Fee for Optional Services – Master Planning}}{\text{Proponent's Total Evaluated Fixed Fee for Optional Services – Master Planning}} \times 5 \text{ points} = \text{Price Rating for Fixed Fees for Optional Services – Master Planning}$$

11) **Reference:** Appendix C Price Proposal Form

Proponents are hereby instructed to:

DELETE: In its entirety.

INSERT: Appendix C Price Proposal Form Revision No. 1 (Attached)

ALL OTHER TERMS AND CONDITIONS OF THE REQUEST FOR PROPOSAL REMAIN UNCHANGED

Solicitation No. - N° de l'invitation

EQ754-171534/A

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

R.077680.001

Amd. No. - N° de la modif.

010

File No. - N° du dossier

PWL-6-39095

Buyer ID - Id de l'acheteur

pwl041

CCC No./N° CCC - FMS No/ N° VME

APPENDIX C

PRICE PROPOSAL FORM

Revision No. 1

APPENDIX C - PRICE PROPOSAL FORM

INSTRUCTIONS: Complete this Price Proposal Form and submit in a **separate sealed envelope** with the Name of Proponent, Name of Project, PWGSC Solicitation Number, and the words "PRICE PROPOSAL FORM" typed on the outside of the envelope. Price Proposals are not to include Applicable Taxes.

PROPOSERS SHALL NOT ALTER THIS FORM

Project Title: _____

Name of Proponent: _____

The following will form part of the evaluation process:

REQUIRED, ADDITIONAL AND SPECIALIZED SERVICES

Percentage Fee (R1230D (2016-01-28), GC 5 - Terms of Payment – Architectural and/or Engineering Services)

REQUIRED, ADDITIONAL AND SPECIALIZED SERVICES

- RS 1 Analysis of Project Scope of Work
- RS 2 Design Concept
- RS 3 Design Development
- RS 4 Construction Documents
- RS 5 Tender Call, Bid Evaluation & Construction Contract Award
- RS 6 Construction and Contract Administration
- RS 7 Commissioning
- RS 8 Post-Construction Warranty Review

- AS 1 Project Time Planning, Scheduling and Control
- AS 2 Estimating and Cost Planning
- AS 3 Risk Management
- AS 4 Resident Services During Construction
- AS 5 Closure Report
- AS 6 Laboratory Move Coordination Advisory Services
- AS 7 Interior Design

APPENDIX C - PRICE PROPOSAL FORM (CONT'D)

- SS 1 Sustainable Design Specialist
 SS 2 IT / Telecommunications Specialist
 SS 3 Building Code Specialist
 SS 4 Commissioning Manager (CxM)

Firm Percentage Fee of _____ %* X

Indicative Estimate of Construction Cost
 (Class D, excluding Applicable Taxes) \$16,800,000**

**ESTIMATED TOTAL PERCENTAGE FEE FOR REQUIRED,
 ADDITIONAL AND SPECIALIZED SERVICES** \$ _____¹

The actual percentage fee for Required Services will recognize the variability of the Construction Cost Estimate as the project develops (refer to formula specified in GC 5.2 Fee Arrangement(s) for Services). Payments will be made as specified in GC 5.4 Payments for Services.

***This rate will apply to any optional increases to the funding and Construction Cost pursuant to SC4, Optional Services – Additional Funding.**

****This value is subject to an optional funding increase pursuant to SC4, Optional Services – Additional Funding.**

FIXED FEE (R1230D (2016-01-28), GC 5 - Terms of Payment – Architectural and/or Engineering Services)

OPTIONAL SERVICES – MASTER PLANNING

OS 1 Functional Programming (For Entire Faculty) \$.....

OS 2 Functional Programming – Master Plan
 (For Entire Faculty) \$.....

OS 3 Investigations and Reports \$.....

OS 4 Feasibility Report \$.....

OS 5 Design Concept – Master Plan \$.....

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APPENDIX C - PRICE PROPOSAL FORM (CONT'D)

OS 6 Sustainability Strategies and Reports \$.....

**TOTAL FIXED FEES FOR OPTIONAL SERVICES
– MASTER PLANNING** \$.....²

TOTAL COST OF SERVICES FOR PROPOSAL EVALUATION PURPOSES

**Total Evaluated Percentage Fee for Required,
Additional and Specialized Services** \$.....¹

**Total Evaluated Fixed Fee for Optional Services –
Master Planning** \$.....²

Total Evaluated Fee \$.....⁽¹⁺²⁾

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APPENDIX C - PRICE PROPOSAL FORM (CONT'D)

The following will NOT form part of the evaluation process

The following hourly rates may be used for future contract amendments.

Canada may accept or reject any of the following Hourly Rates. Canada reserves the right to negotiate on these Hourly Rates.

Principal

Name	\$ per hour
.....	\$
.....	\$
.....	\$
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.....	\$
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CCC No./N° CCC - FMS No/ N° VME

Staff

Name / Position	\$ per hour
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END OF PRICE PROPOSAL FORM