



REQUEST FOR PROPOSALS

Title: COMMISSIONING AUTHORITY FOR WEST VILLAGE DISTRICT ENERGY CENTRE

Reference No.: 1220-030-2016-049

FOR PROFESSIONAL SERVICES (CONSULTANT)

(General Services)

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REQUEST FOR PROPOSALS

1. INTRODUCTION

1.1 Purpose

The purpose of this RFP is to select a service provider (or service providers) to perform the services (“Services”) described in Schedule A.

1.2 Definitions

In this RFP the following definitions shall apply:

“**BC Bid Website**” means www.bcbid.gov.bc.ca;

“**City**” means the City of Surrey;

“**City Representative**” has the meaning set out in section 2.5;

“**City Website**” means www.surrey.ca;

“**Closing Time**” has the meaning set out in section 2.1;

“**Contract**” means a formal written contract between the City and a Preferred Proponent to undertake the Services, the preferred form of which is attached as Schedule B;

“**Evaluation Team**” means the team appointed by the City;

“**Information Meeting**” has the meaning set out in section 2.2;

“**Preferred Proponent(s)**” means the Proponent(s) selected by the Evaluation Team to enter into negotiations for a Contract;

“**Proponent**” means an entity that submits a Proposal;

“**Proposal**” means a proposal submitted in response to this RFP;

“**RFP**” means this Request for Proposals;

“**Services**” has the meaning set out in Schedule A;

“**Site**” means the place or places where the Services are to be performed; and

“**Statement of Departures**” means Schedule C-1 to the form of Proposal attached as Schedule C.

2. INSTRUCTIONS TO PROPONENTS

2.1 Closing Time and Address for Proposal Delivery

A Proposal should be labelled with the Proponent's name, RFP title and number. A Proposal should be submitted in the form attached to this RFP as Schedule C – Form of Proposal.

The Proponent may submit a Proposal either by email or in a hard copy, as follows:

(a) Email

If the Proponent chooses to submit by email, the Proponent must submit the Proposal electronically in a single pdf file to the City by email at: purchasing@surrey.ca

on or before the following date and time

Time: 3:00 p.m., local time

Date: December 8, 2016

(the "Closing Time").

PDF emailed Proposals are preferred and the City will confirm receipt of emails. Note that the maximum file size the City can receive is 10Mb. If sending large email attachments, Proponents should phone to confirm receipt. A Proponent bears all risk that the City's equipment functions properly so that the Proposal is submitted on time.

(b) Hard Copy

If the Proponent chooses NOT to submit by email, the Proponent should submit one original unbound Proposal and two (2) copies (three (3) in total) which must be delivered to the City at the office of:

Name: Richard D. Oppelt, Purchasing Manager
at the following location:

Address: Surrey City Hall
Finance & Technology Department – Purchasing Section
Reception Counter, 5th Floor West
13450 – 104 Avenue, Surrey, B.C., Canada V3T 1V8

on or before the Closing Time.

2.2 Information Meeting

An information meeting may be hosted by the City Representative to discuss the City's requirements under this RFP (the "**Information Meeting**"). While attendance is at the discretion of Proponents, Proponents who do not attend will be deemed to have attended the Information Meeting and to have received all of the information given at the Information Meeting. At the time of issuance of this RFP a meeting has not been scheduled.

2.3 Late Proposals

Proposals submitted after the Closing Time will not be accepted or considered. Delays caused by any delivery, courier or mail service(s) will not be grounds for an extension of the Closing Time.

2.4 Amendments to Proposals

Proposals may be revised by written amendment, delivered to the location set out in Section 2.1, at any time before the Closing Time but not after. An amendment should be signed by an authorized signatory of the Proponent in the same manner as provided by section 3.3. E-mailed amendments are permitted, but such amendment should show only the change to the proposal price(s) and should not disclose the actual proposal price(s). A Proponent bears all risk that the City's equipment functions properly so as to facilitate timely delivery of any amendment.

2.5 Inquiries

All inquiries related to this RFP should be directed in writing to the person named below (the "**City Representative**"). Information obtained from any person or source other than the City Representative may not be relied upon.

Name: Richard D. Oppelt, Purchasing Manager
E-mail: purchasing@surrey.ca
Reference: 1220-030-2016-049

Inquiries should be made no later than seven (7) business days before Closing Time. The City reserves the right not to respond to inquiries made within seven (7) business days of the Closing Time. Inquiries and responses will be recorded and may be distributed to all Proponents at the discretion of the City.

Proponents finding discrepancies or omissions in the Contract or RFP, or having doubts as to the meaning or intent of any provision, should immediately notify the City Representative. If the City determines that an amendment is required to this RFP, the City Representative will issue an addendum in accordance with section 2.6. No oral conversation will affect or modify the terms of this RFP or may be relied upon by any Proponent.

2.6 Addenda

If the City determines that an amendment is required to this RFP, the City Representative will issue a written addendum by posting it on the BC Bid Website at www.bcbid.gov.bc.ca (the "**BC Bid Website**") and the City Website at www.surrey.ca (the "**City Website**") that will form part of this RFP. It is the responsibility of Proponents to check the BC Bid Website and the City Website for addenda. The only way this RFP may be added to, or amended in any way, is by a formal written addendum. No other communication, whether written or oral, from any person will affect or modify the terms of this RFP or may be relied upon by any Proponent. By delivery of a Proposal, Proponent is deemed to have received, accepted and understood the entire RFP, including any and all addenda.

2.7 Examination of Contract Documents and Site

Proponents will be deemed to have carefully examined the RFP, including all attached Schedules, the Contract and the Site (as applicable) prior to preparing and submitting a Proposal with respect to any and all facts which may influence a Proposal.

2.8 Opening of Proposals

The City intends to open Proposals in private but reserves the right to open Proposals in public at its sole discretion.

2.9 Status Inquiries

All inquiries related to the status of this RFP, including whether or not a Contract has been awarded, should be directed to the City Website and not to the City Representative.

3. PROPOSAL SUBMISSION FORM AND CONTENTS

3.1 Package (Hard Copy)

If the Proponent chooses NOT to submit by email, the Proponent should submit a Submission in a particular submittal format, to reduce paper, encourage our recycled product expectations, and reduce package bulk. Bulk from binders and large packages are unwanted. Vinyl plastic products are unwanted. The City also has an environmentally-preferable purchasing commitment, and seeks a package format to support the green expectations and initiatives of the City.

Please do not use any plastic or vinyl binders or folders. The City prefers simple, stapled paper copies. If a binder or folder is essential due to the size of your Proposal, they should be fully 100% recycled stock.

The City seeks and prefers submittals on 100% Post Consumer Fibre (PCF) paper, consistent with the City's policy and the City environmental practices.

Please double-side your Proposal.

3.2 Form of Proposal

Proponents should complete the form of Proposal attached as Schedule C, including Schedules C-1 to C-5. Proponents are encouraged to respond to the items listed in Schedules C-1 to C-5 in the order listed. Proponents are encouraged to use the forms provided and attach additional pages as necessary.

3.3 Signature

The legal name of the person or firm submitting the Proposal should be inserted in Schedule C. The Proposal should be signed by a person authorized to sign on behalf of the Proponent and include the following:

- (a) If the Proponent is a corporation then the full name of the corporation should be included, together with the names of authorized signatories. The Proposal should be executed by all of the authorized signatories or by one or more of them provided that a copy of the corporate resolution authorizing those persons to execute the Proposal on behalf of the corporation is submitted;
- (b) If the Proponent is a partnership or joint venture then the name of the partnership or joint venture and the name of each partner or joint venturer should be included, and each partner or joint venturer should sign personally (or, if one or more person(s) have signing authority for the partnership or joint venture, the partnership or joint venture should provide evidence to the satisfaction of the City that the person(s) signing have signing authority for the partnership or joint venture). If a partner or joint venturer is a corporation then such corporation should sign as indicated in subsection (a) above; or
- (c) If the Proponent is an individual, including a sole proprietorship, the name of the individual should be included.

4. EVALUATION AND SELECTION

4.1 Evaluation Team

The evaluation of Proposals will be undertaken on behalf of the City by the Evaluation Team. The Evaluation Team may consult with others including City staff members, third party consultants and references, as the Evaluation Team may in its discretion decide is required. The Evaluation Team will give a written recommendation for the selection of a Preferred Proponent or Preferred Proponents to the City.

4.2 Evaluation Criteria

The Evaluation Team will compare and evaluate all Proposals to determine the Proponent's strength and ability to provide the Services in order to determine the Proposal which is most advantageous to the City, using the following criteria:

- (a) Experience, Reputation and Resources**
The Evaluation Team will consider the Proponent's responses to items (i) to (x) in Schedule C-2.
- (b) Technical**
The Evaluation Team will consider the Proponent's responses to Schedule C-4 and items (i) to (v) in Schedule C-3.
- (c) Financial**
The Evaluation Team will consider the Proponent's response to Schedule C-5.
- (d) Statement of Departures**
The Evaluation Team will consider the Proponent's response to Schedule C-1.

The Evaluation Team will not be limited to the criteria referred to above, and the Evaluation Team may consider other criteria that the team identifies as relevant during the evaluation process. The Evaluation Team may apply the evaluation criteria on a comparative basis,

evaluating the Proposals by comparing one Proponent's Proposal to another Proponent's Proposal. All criteria considered will be applied evenly and fairly to all Proposals.

4.3 Discrepancies in Proponent's Financial Proposal

If there are any obvious discrepancies, errors or omissions in Schedule C-5 of a Proposal (Proponent's Financial Proposal), then the City shall be entitled to make obvious corrections, but only if, and to the extent, the corrections are apparent from the Proposal as submitted, and in particular:

- (a) if there is a discrepancy between a unit price and the extended total, then the unit prices shall be deemed to be correct, and corresponding corrections will be made to the extended totals;
- (b) if a unit price has been given but the corresponding extended total has been omitted, then the extended total will be calculated from the unit price and the estimated quantity;
- (c) if an extended total has been given but the corresponding unit price has been omitted, then the unit price will be calculated from the extended total and the estimated quantity.

4.4 Litigation

In addition to any other provision of this RFP, the City may, in its absolute discretion, reject a Proposal if the Proponent, or any officer or director of the Proponent submitting the Proposal, is or has been engaged directly or indirectly in a legal action against the City, its elected or appointed officers, representatives or employees in relation to any matter, or if the City has initiated legal action against any officers or directors of the Proponent.

In determining whether or not to reject a Proposal under this section, the City will consider whether the litigation is likely to affect the Proponent's ability to work with the City, its consultants and representatives and whether the City's experience with the Proponent indicates that there is a risk the City will incur increased staff and legal costs in the administration of the Contract if it is awarded to the Proponent.

4.5 Additional Information

The Evaluation Team may, at its discretion, request clarifications or additional information from a Proponent with respect to any Proposal, and the Evaluation Team may make such requests to only selected Proponents. The Evaluation Team may consider such clarifications or additional information in evaluating a Proposal.

4.6 Interviews

The Evaluation Team may, at its discretion, invite some or all of the Proponents to appear before the Evaluation Team to provide clarifications of their Proposals. In such event, the Evaluation Team will be entitled to consider the answers received in evaluating Proposals.

4.7 Negotiation of Contract and Award

If the City selects a Preferred Proponent or Preferred Proponents, then it may:

- (a) enter into a Contract with the Preferred Proponent(s); or
- (b) enter into discussions with the Preferred Proponent(s) to attempt to finalize the terms of the Contract(s), including financial terms, and such discussions may include:
 - (1) clarification of any outstanding issues arising from the Preferred Proponent's Proposal;
 - (2) negotiation of amendments to the departures to the draft Contract, if any, proposed by the Preferred Proponent as set in Schedule C-1 to the Preferred Proponent's Proposal; and
 - (3) negotiation of amendments to the Preferred Proponent's price(s) as set out in Schedule C-5 to the Preferred Proponent's Proposal and/or scope of Services if:
 - (A) the Preferred Proponent's financial Proposal exceeds the City's approved budget, or
 - (B) the City reasonably concludes the Preferred Proponent's financial proposal includes a price(s) that is unbalanced, or
 - (C) a knowledgeable third party would judge that the Preferred Proponent's price(s) materially exceed a fair market price(s) for services similar to the Services offered by the Preferred Proponent as described in the Preferred Proponent's Proposal; or
- (c) if at any time the City reasonably forms the opinion that a mutually acceptable agreement is not likely to be reached within a reasonable time, give the Preferred Proponent(s) written notice to terminate discussions, in which event the City may then either open discussions with another Proponent or terminate this RFP and retain or obtain the Services in some other manner.

5. GENERAL CONDITIONS

5.1 No City Obligation

This RFP is not a tender and does not commit the City in any way to select a Preferred Proponent, or to proceed to negotiations for a Contract, or to award any agreement, and the City reserves the complete right to at any time reject all Proposals, and to terminate this RFP process.

5.2 Proponent's Expenses

Proponents are solely responsible for their own expenses in preparing, and submitting Proposals, and for any meetings, negotiations or discussions with the City or its representatives and consultants, relating to or arising from this RFP. The City and its representatives, agents, consultants and advisors will not be liable to any Proponent for any claims, whether for costs, expenses, losses or damages, or loss of anticipated profits, or for any other matter whatsoever, incurred by the Proponent in preparing and submitting a Proposal, or participating in negotiations for a Contract, or other activity related to or arising out of this RFP.

5.3 No Contract

By submitting a Proposal and participating in the process as outlined in this RFP, Proponents expressly agree that no contract of any kind is formed under, or arises from, this RFP, prior to the signing of a formal written Contract.

5.4 Conflict of Interest

A Proponent shall disclose in its Proposal any actual or potential conflicts of interest and existing business relationships it may have with the City, its elected or appointed officials or employees. The City may rely on such disclosure.

5.5 Solicitation of Council Members, City Staff and City Consultants

Proponents and their agents will not contact any member of the City Council, City staff or City consultants with respect to this RFP, other than the City Representative named in section 2.5, at any time prior to the award of a contract or the cancellation of this RFP.

5.6 Confidentiality

All submissions become the property of the City and will not be returned to the Proponent. All submissions will be held in confidence by the City unless otherwise required by law. Proponents should be aware the City is a “public body” defined by and subject to the *Freedom of Information and Protection of Privacy Act* of British Columbia.

6.0 SCHEDULE OF EVENTS

The following is an estimated schedule of events. The City reserves the right to cancel or change the schedule at any time.

Anticipated Event	Estimated Date(s)
Contract Award for Commissioning Authority	January 2017
Design Development	To Spring 2017
Procurement	Spring 2017
Construction	Spring 2017 to Summer 2018
Occupancy	Summer 2018

SCHEDULE A - SCOPE OF SERVICES

1. GENERAL

- 1.1 The City of Surrey invites firms to submit Proposals to act as the Commissioning Authority (“CA”) during design, construction, commissioning and handing over of the new West Village District Energy Centre located south of 104th Avenue between 132nd Street and 133rd Street in Surrey, British Columbia (the “Project”).
- 1.2 At this time, it is unknown whether the contractor will carry their own commissioning agent. As such, firms are asked to describe how their Proposals may differ with or without a contractor-supplied commissioning agent. Furthermore, firms are asked to describe whether they would advocate for the inclusion of a contractor-supplied commissioning agent.

2. BACKGROUND

- 2.1 The City of Surrey is the second largest City in British Columbia and has an average growth rate of nearly 10,000 residents. Surrey will continue to grow because it has significant land available for development, a growing industrial and commercial base, and a high quality of life.
- 2.2 Surrey is advancing a district energy (DE) system in the rapidly growing City Centre. On June 25, 2012 Council adopted DE System By-law 17667 and established the City Centre as a district energy service area¹. The implementation of district energy provides an opportunity for the City to realize a community scale reduction in greenhouse gas emissions from buildings through the application of renewable energy.
- 2.3 The City’s DE system will provide thermal energy to predominantly new buildings in the City Centre. The system will focus around three nodes, centered on the Surrey Central, King George and Gateway Skytrain stations. Separate DE networks will be constructed in each node that will eventually connect to create a larger system. At build-out, the City’s DE system may be one of the largest networks in North America. Development activity is currently focused within the Surrey Central and King George nodes, and as such City staff is advancing the DE system in these areas. This request for proposal concerns a new energy centre in the Surrey Central node.

3. THE PROJECT

- 3.1 The City intends to complete the West Village District Energy Centre & Park (and associated frontage works) located south of 104th Avenue between 132nd Street and 133rd Street in Surrey, British Columbia.
- 3.2 The District Energy Centre (“DEC”) is envisioned to be a two storey natural gas fueled hot water boiler plant with major process equipment situated on the lower (B1) level, roughly 5.0 meters below grade. The office/controls room and emergency generator are to be located on the ground level (L1), roughly at grade. The electrical transformer and gas train are to be located on the exterior of the building envelope, hidden within open

A copy of the Corporate Report and Bylaw is available at
http://www.surrey.ca/bylawsandcouncilibrary/CR_2012-R123.pdf

air enclosures. The DEC will be sized to allow for 45 MW of boiler capacity in the future (3 x 15 MW). However, only 15 MW of boiler capacity will be installed in the DEC as part of this project.

- 3.3 The vision of the park is one of an urban mini-park, with a program to serve the immediate neighbourhood. The park will provide a contemporary urban space with an opportunity for amenities, passive open space, pathways and a contemporary site furnishing package. The park will be an important green space within the urban environment.

4. COMMISSIONING SERVICE MAIN GOAL & INTENT

- 4.1 The City is committed to commissioning this facility to ensure that all systems function as designed upon occupancy, and that the City's maintenance staff has adequate system access, control, monitoring capabilities, documentation and training to properly monitor, manage and maintain the facility.
- 4.2 The main goal of the requested commissioning service is to ensure the project transitions from the design phase through to construction and occupancy.
- 4.3 The Commissioning Authority (CA) is seen as a key member of the project consulting team and also makes a significant contribution to the operability of the facility. For this reason it is critical that this position be filled in the very near future.
- 4.4 The intent is to minimize costly changes through early identification of potential problems before they occur, and continual focus on the achievement of the City's project requirements.
- 4.5 The independent Commissioning Authority is expected to complete all activities as per ASHRAE Commissioning Standard 202 in all project phases.

5. SCOPE AND DELIVERABLES

- 5.1 The Commissioning Authority will provide commissioning services in line with best practices. While LEED certification is not being pursued, it is expected that the CA conduct Best Practice Commissioning to align with the requirements of LEED® Canada-NC 2009 and as indicated in the reference guide for Prerequisite EAp1 – Fundamental Commissioning of Energy Systems. This will include liaising with the City's design team, project manager, City Staff and construction manager/general contractor throughout the design, construction and commissioning phases of the project.
- 5.2 The CA will act as an independent third party on behalf of the City and shall report directly to the project manager. It is necessary for the CA to establish and document the City's criteria for system function, performance, and maintainability; as well as, to verify and document compliance with these criteria throughout design, construction, start-up, and warranty period. The review of operation and maintenance manuals and staff training are also part of the CA mandate in order to ensure the energy centre

continues to operate as intended. The CA will be involved in the project from the design phase through the warranty phase.

- 5.3 The CA is not responsible for design, construction, construction scheduling, cost estimating, or construction management. The primary roles of the CA are to develop and coordinate the execution of a commissioning plan and observe and document performance. The CA is to determine whether systems are functioning in accordance with the design intent and contract documents. The contractors will provide all tools or the use of tools to perform start-up checkout, and functionally test equipment and systems, except for specified testing with portable data-loggers, which shall be supplied and installed by the CA.
- 5.4 While there are a number of key persons who are involved with the CA activities on the Project, the CA is retained to objectively oversee the overall commissioning process on behalf of the City, confirm compliance with the requirements of the contract and best practice applications, as well as help facilitate the achievement of the City's key goals. In this respect, the CA is expected to:
- (a) Fully acquaint itself with all commissioning related requirements of the contract (including relevant schedules);
 - (b) Continually liaise and coordinate with the City and project team;
 - (c) Oversee the ongoing commissioning activities by the project team and provide timely responses;
 - (d) Provide expert advice to the City on all issues relating to the commissioning;
 - (e) Coordinate the commissioning tasks to be implemented/coordinated by the City as and when required; and
 - (f) Immediately inform the City of any issues of concern and propose resolutions in a timely manner.
- 5.5 In General, the CA will be responsible to:
- (a) Review the design intent and the basis of design documents;
 - (b) Incorporate commissioning requirements into the tender/construction documents;
 - (c) Develop and utilize commissioning plan;
 - (d) Coordinate and direct the commissioning activities;
 - (e) Coordinate the commissioning work with the Construction Manager, general contractor and sub trades;
 - (f) Attend site meetings as required;
 - (g) Revise, as necessary, the construction phase commissioning plan developed during design, including scope and schedule;
 - (h) Plan and chair commissioning meetings as required including production and distribution of minutes;
 - (i) Request and review additional information required to perform commissioning tasks, including O&M manuals, contractor start-up and check out procedures;
 - (j) Review requests for information from the contractor and other parties;
 - (k) Prepare and distribute construction checklist for commissioned equipment;

- (l) Review the pre-functional tasks;
- (m) Prepare the functional performance tests procedures for equipment;
- (n) Coordinate, witness and document manual functional performance tests performed by installing contractor;
- (o) Maintain a master issues log and a separate record of the functional testing;
- (p) Review equipment warranties to ensure that City's responsibilities are clearly defined;
- (q) Oversee and review the training of City's personnel;
- (r) Review preparation of the O&M manuals for commissioned equipment; and
- (s) Project close out documentation including but not limited to Final Commissioning Report confirming that the required commissioning tasks have been successfully executed or will be provided under existing contract(s).

5.6 During the Design Phase, the CA will be responsible for the following:

- (a) Participate in design meetings and project meetings to ensure that the design objectives and intent are clearly documented;
- (b) Perform a focused review of design development and construction documents;
- (c) Prepare a detailed commissioning plan based on project technical specifications and City requirements. This plan shall form part of the contract documents.
- (d) Prepare a project tailored specification section related to commissioning delivery of the plant and the roles and responsibilities of the Commissioning Authority and the general contractor;
- (e) Coordinate other commissioning related specification sections throughout various specification divisions with the design team to avoid duplication and ensure consistency of contractors' commissioning requirements and responsibilities;
- (f) Compile and document the City's project requirements, including test parameters and key success criteria;
- (g) Review project commissioning requirements and provide recommendations and comments to City and project team. Assist the City in defining any additional commissioning requirements to be included in the contract documents;
- (h) Participate in meetings with City, Construction Manager, and equipment vendor representatives with City's operations staff. This includes commissioning review of equipment performance contracts; and
- (i) Optional: Conduct and manage a Plant Hazardous Assessment study, and meet with project team regularly through design and construction to ensure follow-up on items by appropriate personnel and overall acceptance by the City. In general, this study should include the following:
 - o A plant-wide review of the process and sub-systems (layout, configuration, concern with current design from user or regulatory body perspective);
 - o Review of operations and maintenance (standard operating procedures, failure and emergency modes of operation); and
 - o Provide a record of items reviewed and their resolution. This would typically be administered via documented review sessions with the City and design team, then follow-up reviews and documentation of outcomes.

5.7 The Design Phase deliverables are:

- City's Project Requirement Document;
- Design review records from the commissioning perspective;
- Commissioning Specifications, inclusive of commissioning plan, training plan and O&M documentation; and
- Optional: Plant Hazardous Assessment Study and remediation plan.

5.8 During the Construction Phase, the CA will be responsible for the following:

- (a) Coordinate and direct the commissioning activities in a logical, sequential and efficient manner using consistent protocols and forms, centralized documentation, clear and regular communications and consultations with all necessary parties, frequently updated timelines and schedules, and technical expertise;
- (b) Coordinate the commissioning work with the general contractor and their sub-trades, to ensure that commissioning activities are being incorporated into the master schedule;
- (c) Liaise with BC Safety Authority to ensure commissioning activities are completed to their satisfaction;
- (d) Revise, as necessary, the construction phase commissioning plan developed during design, including scope and schedule;
- (e) Plan and chair commissioning meetings as needed including production and distribution of minutes;
- (f) Request and review additional information required to perform commissioning tasks, including O&M materials, contractor start-up and checkout procedures. Before start-up, gather and review the current control sequences and interlocks, and work with contractors and design engineers until sufficient clarity has been obtained, in writing, to be able to write detailed testing procedures;
- (g) Review normal contractor submittals, such as shop drawings, applicable to systems being commissioned for compliance with commissioning needs, concurrent with the architectural and engineering reviews;
- (h) Review requests for information and change orders for impact on commissioning and the City's objectives;
- (i) Review drawings and other relevant information to ensure that trades are making a reasonable effort to coordinate;
- (j) Write and distribute construction checklists for commissioned equipment;
- (k) Develop an enhanced start-up and initial systems checkout plan with contractors for selected equipment;
- (l) Attend selected planning and job-site meetings to obtain information on construction progress;
- (m) Review construction meeting minutes for revisions/substitutions relating to the commissioning process. Assist in resolving any discrepancies;
- (n) Perform the following pre-functional tasks:
 - (1) Act as the City's representative during construction stage to witness system inspections, certifications, and pre-functional checks. Includes bi-

- weekly commissioning meetings and site visits. Include testing documentation in the commissioning record;
- (2) Document construction checklist completion by reviewing completed construction checklists and by selected site observation;
 - (3) Document systems start-up by reviewing start-up reports and by selected site observation
- (o) Vendor Liaison, Coordination and Testing Leadership: Define, coordinate, and track resolution of issues surrounding equipment on behalf of the City. This includes being primary interface between City, contractors, and vendors; and
- (p) With necessary assistance and review from installing contractors, write the functional performance test procedures for equipment and systems. This will include manual functional testing, energy management control system trending and may include stand-alone data-logger monitoring;

5.9 The Construction Phase deliverables are:

- Plant equipment vendor liaison coordination, testing and validation records.
- BC Safety Authority liaison coordination and issues resolution records (to be conducted in close collaboration with the City).
- Optional: Plant Hazardous Assessments Programs resolution records.
- Commissioning meetings records.

5.10 During the Acceptance (Approximately Six Months Period) Phase, the CA will be responsible for the following:

- (a) Coordinate, witness, and document manual functional performance tests performed by installing contractors. Coordinate retesting as necessary until satisfactory performance is achieved. The functional testing shall include operating the system and components through each of the written sequences of operation, and other significant modes and sequences, including start-up, shutdown, unoccupied mode, manual mode, staging, miscellaneous alarms, power failure, security alarm when impacted and interlocks with other systems or equipment. Sensors and actuators shall be calibrated during construction check listing by the installing contractors, and spot-checked by the commissioning provider during functional testing. Analyze functional performance trend logs and monitoring data to verify performance.
- (b) Coordinate and administer any performance testing as required by contract documents as part of functional verification process.
- (c) Tests on respective equipment shall be executed, if possible, during all seasons. However, some overwriting of control values to simulate conditions shall be allowed. Functional testing shall be done using conventional manual methods, control system trend logs, and read-outs or stand-alone data-loggers, to provide a high level of confidence in proper system function, as deemed appropriate by the CA and the City;
- (d) Prepare test plans for, assist with execution of, and document tests of

commissioned equipment overseen by regulatory authorities and ensure that such tests meet the testing rigor desired by the City;

- (e) Maintain a master issues log and a separate record of functional testing. Report all issues as they occur directly to the project manager. Provide directly to the project manager and property management written progress reports and test results with recommended actions;
- (f) Review equipment warranties to ensure that the City's responsibilities are clearly defined;
- (g) Oversee and review the training of the City's operating personnel;
- (h) Review the preparation of the O&M manuals for commissioned equipment to ensure completeness and compliance with the City's project requirements;
- (i) Authority Having Jurisdiction ("AHJ") Liaison and Leadership: Define, coordinate, and track resolution of issues, and manage final acceptance and approval of the AHJ (BC Safety Authority) in close collaboration with the City. This includes being primary interface between City, contractors and vendors.
- (j) Define and Participate in System Acceptance, Training, and Handover: Define, coordinate, and document system acceptance as it relates to contract documents. Oversee, coordinate, and document system training of systems by the contractors to the City's personnel. Coordinate overall handover requirements.
- (k) Compile a Commissioning Record, which is to include:
 - (1) A brief summary report that includes a list of participants and roles, brief building description, overview of commissioning and testing scope, and a general description of testing and verification methods. For each piece of commissioned equipment, the report should contain the disposition of the commissioning provider regarding the adequacy of the equipment, documentation and training meeting the contract documents in the following areas:
 - (i) Equipment meeting the equipment specifications;
 - (ii) Equipment installation;
 - (iii) Functional performance and efficiency;
 - (iv) Equipment documentation; and
 - (v) Operator training.
 - (2) All outstanding non-compliance items are to be specifically listed. Recommendations for improvement to equipment, operations, future actions, commissioning process changes, etc. are also to be listed. Each non-compliance issue is to be referenced to the specific functional test, inspection, trend log, etc. where the deficiency is documented;
 - (3) Also to be included in the commissioning record are the issues log, commissioning plan, progress reports, submittal and O&M manual reviews, training record, test schedules, construction checklists, start-up reports, functional tests, and trend log analysis;
- (l) Compile a systems manual that consists of the following:
 - (1) City's Project Requirements (by the City);

- (2) Design Narrative and Basis of Design (by designer);
 - (3) Performance Metrics, if completed during design; space and use descriptions, single line drawings and schematics for major systems (by designer);
 - (4) Control drawings, sequences of control (by contractor); and
 - (5) Table of all set points and implications when changing them, schedules, instructions for operation of each piece of equipment for emergencies, seasonal adjustment, start-up and shutdown, instructions for energy savings operations and descriptions of the energy savings strategies in the facility, recommendations for re-commissioning frequency by equipment type, energy tracking recommendations, and recommended standard trend logs with a brief description of what to look for in them (all by CA).
- (m) Provide detailed review of systems operation prior to substantial performance review; and
 - (n) Review record drawings for accuracy and general conformance.

5.11 The Acceptance Phase deliverables are:

- Plant performance test record;
- Training Records;
- O&M Documentation Records;
- Commissioning Report; and
- Systems Manuals.

5.12 During the Performance Monitoring Phase (one year period), the CA will be responsible for the following:

- (a) Coordinate and supervise required opposite season or deferred testing and deficiency corrections and provide the final testing documentation for the commissioning record and O&M manuals;
- (b) Review the facility operation at one (1) month, six (6) months, and eleven (11) months performance monitoring period and review with facility staff the current building operation and the condition of outstanding issues related to the original and seasonal commissioning;
- (c) Define and participate in seasonal functional performance testing: The commissioning plan shall clearly list the seasonal performance tests that the CA will witness in order to reasonably confirm that the overall performance of the energy centre adheres to the design intent and City's project requirements;
- (d) Conduct lessons-learned meeting by interviewing facility staff and identify problems or concerns they have with operating the building as originally intended. Make suggestions for improvements and for recording these changes in the O&M manuals. Identify areas that may come under warranty or under the original construction contract. Assist facility staff in developing reports and documents and requests for services to remedy outstanding problems; and

- (e) Review and Assist in Optimization of Plant and Distribution: After functional verification and acceptance of the plant, the CA shall remain at the service of the City for eight (8) months to review and optimize the operation of plant and hot water distribution systems.

5.13 The systems that are to be commissioned include, but are not limited to:

(a) Process & Other Plant Equipment:

- (1) Plant Inlet Strainers;
- (2) Hot Water Boilers;
- (3) Boiler Circulation Pump Systems;
- (4) Economizer/Heat Recovery Systems;
- (5) Stack Silencers;
- (6) Boiler Relief Flash Tank;
- (7) Thermal Energy Metering;
- (8) Thermal Expansion Tanks;
- (9) Distribution Pumps/Controls, including external control signal;
- (10) Distribution Piping System;
- (11) Compressed Air System;
- (12) Boiler Combustion Air System;
- (13) Plant Emergency Shutdowns;
- (14) Natural Gas Fuel System;
- (15) Combustible Gas Detection;
- (16) Back-Up Generator & Fuel System;
- (17) Water Treatment Systems;
- (18) Safety Showers;
- (19) Utility Water Systems;
- (20) Boiler Exhaust Systems;
- (21) Process and Utility Flow Metering;
- (22) Plant Sump Pumps/Pits;
- (23) Plant Emergency Call-Out and Alarms;
- (24) Process Instrumentation and Control Devices;
- (25) Plant PLC / SCADA Control Systems;
- (26) Individual Plant Equipment SCADA and control systems;
- (27) Energy Transfer Station and controls;
- (28) Vibration isolation; and
- (29) Sound Attenuation measures.

(b) Site Development:

- (1) Site Grading;
- (2) Storm Sewers & Connections;
- (3) Sanitary Sewers & Connections;
- (4) Underground Communications Services;
- (5) Irrigation Sprinkler Systems;
- (6) Storm detection gallery; and
- (7) District Energy Distribution Piping System and connections.

- (c) Building Envelope:
 - (1) Air/Vapour Barrier;
 - (2) Roofing;
 - (3) Thermal Insulation; and
 - (4) Building acoustic measures.

- (d) Fire Protection Systems:
 - (1) Life safety systems (fire alarm, egress pressurization, fire protection);
 - (2) Interface for life safety systems (fire alarm, egress pressurization, fire protection);
 - (3) Portable Fire Extinguishers; and
 - (4) Fire Pump system.

- (e) Plumbing Systems:
 - (1) Hydronic Heating System (pumps, valves and piping) Domestic water system (heaters, valves);
 - (2) Domestic and process water pumping and mixing systems;
 - (3) Domestic water pressure;
 - (4) Domestic water distribution and labelling;
 - (5) Domestic water heating;
 - (6) Hot water re-circulating;
 - (7) Plumbing fixtures; and
 - (8) Wash down system for cleaning.

- (f) HVAC Systems:
 - (1) All equipment of the heating, dehumidification (if any), ventilating and air conditioning systems;
 - (2) Air conditioners (split system);
 - (3) Air handling units (supply fans, return fans, coils, valves, variable frequency drives);
 - (4) Fans (Ventilation);
 - (5) Motorized Dampers;
 - (6) Gas supply;
 - (7) Heat exchangers;
 - (8) Hot water heating;
 - (9) Hot water heating – AHU;
 - (10) Supply air distribution;
 - (11) Return air collection;
 - (12) Outdoor air intake;
 - (13) Air filtration;
 - (14) Exhaust air collection;
 - (15) Exhaust air discharge;
 - (16) Energy recovery; and
 - (17) Pressurization fans.

- (g) Building Automation Systems (hardware, software and sequence logic):
 - (1) Air conditioning systems;
 - (2) Operator Interface;
 - (3) Field panels;
 - (4) Network cabling;
 - (5) Valves, dampers and actuators;
 - (6) Pump Control;
 - (7) Fan Control;
 - (8) M&V Meters (if installed);
 - (9) Heating systems; and
 - (10) Ventilating systems.

- (h) Electrical Systems:
 - (1) Electrical substations, transformers and power distribution and control systems;
 - (2) Grounding system;
 - (3) Electrical distribution systems including CDPs, transformers, panel boards and receptacles;
 - (4) Uninterruptible power supply systems;
 - (5) Scheduled or occupancy sensor lighting controls;
 - (6) Lighting system including daylight dimming controls;
 - (7) Low-voltage feeders;
 - (8) Low-voltage panel boards;
 - (9) Low-voltage Motor control centers;
 - (10) Wiring & Equipment connections;
 - (11) Electrical devices;
 - (12) Power factor correction;
 - (13) Lighting fixtures;
 - (14) Emergency lighting fixtures;
 - (15) Lighting controls;
 - (16) Variable frequency drives;
 - (17) Transient Voltage Surge Suppression; and
 - (18) Emergency Generator.

- (i) Communications Systems:
 - (1) Equipment sound control systems and Noise/Vibration controls;
 - (2) Data and Communication systems;
 - (3) Public address/Paging system; and
 - (4) Interface with Access Control System (ACS) for life safety systems (fire detection & alarm).

- (j) Security & Safety Systems:
 - (1) Closed-circuit TV;
 - (2) CCTV;
 - (3) Magnetic door locks;
 - (4) Access control and card readers; and

- (5) Systems' monitors.
- (k) Other Systems:
 - (1) System distribution systems;
 - (2) Terminal Units;
 - (3) Shading units;
 - (4) Operable windows/doors;
 - (5) Overhead doors; and
 - (6) Monorail cranes.

6. PROJECT TEAM

- 6.1 The Commissioning Authority will be an integral member of the project team, consisting of the Construction Manager / General Contractor, representatives from the City, the Architect, and other consultants as required.
- 6.2 Francl Architecture has been retained by the City as the Architect & prime consultant. The sub-consultants include:
 - (a) Equilibrium (Structural);
 - (b) FVB Energy (Mechanical);
 - (c) Flow Consulting Group (Electrical);
 - (d) Space2Place (Landscape);
 - (e) Web Engineering (Civil); and
 - (f) Turner & Townsend (Cost).
- 6.3 Construction Manager / General Contractor
 - (a) Scott Construction Management Ltd. is currently the Construction Manager and may become the General Contractor
- 6.4 Project Manager
 - (a) City's internal staff is currently acting as the project manager for this project.

7. CURRENT PROJECT STATUS

- 7.1 Detailed design drawings and specifications of the energy centre and park are in process and are currently at approximately 75% completion.
- 7.2 Preliminary civil site plan and servicing concept has been prepared and submitted to the City for review and comments.
- 7.3 Design team is currently coordinating with the City to develop the design. The Commissioning Authority will integrate its service and expertise into the design development and construction phases and ensure alignment of design and City's requirements.

7.4 The City has retained a Construction Manager to provide comprehensive preconstruction services and a Geotechnical Consultant to complete geotechnical investigation and provide geotechnical services for the project during construction.

8. SCHEDULE

8.1 It is the City's intent to complete the design and construction in accordance with the schedule in Section 6 of the RFP. Phasing will be a collaborative effort amongst the Construction Manager, designer / architect, consultants, and City, which should comply with the schedule identified in Section 6 of the RFP.

8.2 The Commissioning Authority will provide a work schedule indicating commissioning activities and deliverables that align with the project overall schedule.

9. CONSTRUCTION BUDGET OVERVIEW

9.1 The maximum construction cost budget is \$14.8 million. There will be absolutely no cost increases allowed without the prior written approval from the City. Invoices for any services not pre-approved by the City will not be paid.

9.2 The budget does not include soft costs, design & consulting fees, permits, utility connection fees, development cost charges, etc.

10. REPORTS

10.1 Written and graphic documentation is to be provided in paper, or electronic format and preferred standardized Microsoft Office format, including text, spreadsheets, graphs, slides used in presentations, etc. The Proponent should have the ability to communicate with City staff through the internet and the ability to exchange information through an FTP site.

10.2 Storyboards and video should be provided in a format clearly explained in the Proponent's future proposal. With the exception of material expressly protected by copyright, any information submitted to the project team becomes the property of the City.

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SCHEDULE B – DRAFT CONTRACT



PROFESSIONAL SERVICES AGREEMENT

Title: **COMMISSIONING AUTHORITY FOR WEST VILLAGE DISTRICT
ENERGY CENTRE**

Reference No.: 1220-030-2016-049

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APPENDIX 5 – ADDITIONAL SERVICES

Title: COMMISSIONING AUTHORITY FOR WEST VILLAGE DISTRICT ENERGY CENTRE

THIS AGREEMENT is dated for reference this _____ day of _____, 201_.

AGREEMENT No.: 1220-030-2016-049

BETWEEN: CITY OF SURREY
13450 - 104 Avenue
Surrey, B.C., Canada V3T 1V8
(the "City")

AND:

( *Insert Full Legal Name of Consultant*)

(the "Consultant")

WHEREAS the City wishes to engage the Consultant to provide Services in connection with

Commissioning Authority for West Village District Energy Centre

THEREFORE in consideration of the payment of one (\$1.00) dollar and other good and valuable consideration paid by each of the parties to the other (the receipt and sufficiency of which is hereby acknowledged) the City and the Consultant agree as follows:

1. INTERPRETATION

1.1 Definitions

In this agreement the following definitions apply:

"Disbursements" has the meaning set out in section 5.3;
"Dispute" has the meaning set out in section 14.1;
"Fees" has the meaning set out in section 5.1;
"Indemnities" has the meaning set out in section 7.1;
"Invoice" has the meaning set out in section 5.2(a)
"Services" has the meaning set out in section 2.1;
"Term" has the meaning set out in section 2.5; and
"Time Schedule" has the meaning set out in section 2.6.

1.2 Appendices

The following attached Appendices are a part of this agreement:

Appendix 1 – Scope of Services;
Appendix 2 – Fees and Payment;
Appendix 3 – Time Schedule;
Appendix 4 – Personnel and Sub-Consultants; and
Appendix 5 – Additional Services.

2. SERVICES

2.1 Services

The City hereby retains the Consultant to provide the consulting and professional services as described generally in Appendix 1, including anything and everything required to be done for the fulfillment and completion of this agreement (the "**Services**").

2.2 Amendment of Services

The City may from time to time, by written notice to the Consultant, make changes in the scope of the Services. The Fees will be increased or decreased by written agreement of the City and the Consultant according to the rates set out in Appendix 2.

2.3 Additional Services

The Consultant will, if requested in writing by the City, perform additional services as may be listed in Appendix 5. The terms of this agreement will apply to any additional services, and the fees for additional services, and the time for the Consultant's performance, will generally correspond to the fees and time of performance as described in Appendices 2 and 3. The Consultant will not provide any additional services in excess of the scope of services requested in writing by the City.

2.4 Standard of Care

The Consultant will perform the Services with that degree of care, skill and diligence normally provided by a qualified and experienced practitioner performing services similar to the Services, and on the understanding that the City is relying on the Consultant's experience and expertise. The Consultant represents that it has the expertise, qualifications, resources and relevant experience to provide the Services.

2.5 Term

The Consultant will provide the Services for the period commencing on (START DATE) and terminating on (END DATE) (the "**Term**").

The parties may extend the Term by mutual agreement. If the Term is extended, the provisions of this agreement will remain in force except where amended in writing by the parties.

2.6 Time

The Consultant acknowledges that time is of the essence with respect to the provision of the Services and accordingly the Consultant will provide the Services within the performance or completion dates or time periods (the "**Time Schedule**") as set out in Appendix 3, or as otherwise agreed to in writing by the City and the Consultant. If at any time the Consultant discovers that the Time Schedule cannot be met it will immediately advise the City in writing and provide a revised Time Schedule.

3. PERSONNEL

3.1 Qualified Personnel

The Consultant will provide only professional personnel who have the qualifications, experience and capabilities to perform the Services.

3.2 Listed Personnel and Sub-Consultants

The Consultant will perform the Services using the professional personnel and sub-consultants as may be listed in Appendix 4, and the Consultant will not remove any such listed personnel or sub-consultants from the Services without the prior written approval of the City.

3.3 Replacement of Personnel or Sub-Consultants

If the City reasonably objects to the performance, qualifications, experience or suitability of any of the Consultant's personnel or sub-consultants then the Consultant will, on written request from the City, replace such personnel or sub-consultants.

3.4 Sub-Consultants and Assignment

Except as provided for in section 3.2, the Consultant will not engage any personnel or sub-consultants, or sub-contract or assign its obligations under this agreement, in whole or in part, without the prior written approval of the City.

3.5 Agreements with Sub-Consultants

The Consultant will preserve and protect the rights of the City with respect to any Services performed under sub-contract and incorporate the terms and conditions of this agreement into all sub-contracts as necessary to preserve the rights of the City under this agreement. The Consultant will be as fully responsible to the City for acts and omissions of sub-consultants and of persons directly or indirectly employed by them as for acts and omissions of persons directly employed by the Consultant.

4. LIMITED AUTHORITY

4.1 Agent of City

The Consultant is not and this agreement does not render the Consultant an agent or employee of the City, and without limiting the above, the Consultant does not have authority to enter into any contract or reach any agreement on behalf of the City, except for the limited purposes as may be expressly set out in this agreement, or as necessary in order to perform the Services. The Consultant will make such lack of authority clear to all persons with whom the Consultant deals in the course of providing the Services. Every vehicle used by the Consultant in the course of performing the services shall identify the Consultant by name and telephone number.

4.2 Independent Contractor

The Consultant is an independent contractor. This agreement does not create the relationship of employer and employee, a partnership, or a joint venture. The City will not control or direct the details, means or process by which the Consultant performs the Services. The Consultant

will determine the number of days and hours of work required to properly and completely perform the Services. The Consultant is primarily responsible for performance of the Services and may not delegate or assign any Services to any other person except as provided for in section 3.4. The Consultant will be solely liable for the wages, fringe benefits, work schedules and work conditions of any partners, employees or sub-consultants.

5. FEES

5.1 Fees

The City will pay to the Consultant the fees as set out in Appendix 2 (the “Fees”). Payment by the City of the Fees and Disbursements will be full payment for the Services and the Consultant will not be entitled to receive any additional payment from the City.

Fees, Disbursements, and GST will not exceed the amount of \$\$\$ without the prior written approval of the City.

5.2 Payment

Subject to any contrary provisions set out in Appendix 2:

- (a) the Consultant will submit a monthly invoice (the “**Invoice**”) to the City requesting payment of the portion of the Fees and the Disbursements relating to the Services provided in the previous month, and including the following information:
 - (1) an invoice number;
 - (2) the Consultant’s name, address and telephone number;
 - (3) the City’s reference number for the Services; P.O. #
 - (4) the names, charge-out rates and number of hours worked in the previous month of all employees of the Consultant and any sub-consultants that has/have performed services during the previous month;
 - (5) the percentage of Services completed at the end of the previous month;
 - (6) the total budget for the Services and the amount of the budget expended to the date of the Invoice;
 - (7) taxes (if any);
 - (8) grand total of the Invoice;
- (b) the Consultant will on request from the City provide receipts and invoices for all Disbursements claimed;
- (c) if the City reasonably determines that any portion of an Invoice is not payable then the City will so advise the Consultant;
- (d) the City will pay the portion of an Invoice which the City determines is payable within 30 days of the receipt of the Invoice, except the City may hold back from payments 10% of the amount the City determines is payable to the Consultant until such time as the Consultant provides its Final Report to the City; and
- (e) if the Consultant offers the City a cash discount for early payment, then the City may, at the City’s sole discretion, pay the portion of an Invoice which the City determines is payable at any time after receipt of the Invoice.

Invoices will be submitted by the Consultant by mail to:

Name: _____
Address: _____

5.3 Disbursements

In addition to the Fees, the City will reimburse the Consultant for actual out-of-pocket costs and expenses (“**Disbursements**”) as identified in Appendix 2 which the Consultant, and approved sub-consultants, incur in the performance of the Services, plus any additional Disbursements with the prior written approval of the City.

For greater certainty, costs of general management, non-technical supporting services and general overheads are deemed to be covered by the Fees and will not be subject to additional payment by the City.

5.4 Records

The Consultant will prepare and maintain proper records related to the Services, including records, receipts and invoices relating to Disbursements. On request from the City, the Consultant will make the records available open to audit examination by the City at any time during regular business hours during the time the Consultant is providing the Services and for a period of six years after the Services are complete.

5.5 Non-Residents

If the Consultant is a non-resident of Canada and does not provide to the City a waiver of regulation letter, the City will withhold and remit to the appropriate governmental authority the greater of:

- (a) 15% of each payment due to the Consultant; or
- (b) the amount required under applicable tax legislation.

6. CITY RESPONSIBILITIES

6.1 City Information

The City will, in co-operation with the Consultant make efforts to make available to the Consultant information, surveys, and reports which the City has in its files and records that relate to the Services. The Consultant will review any such material upon which the Consultant intends to rely and take reasonable steps to determine if that information is complete or accurate. The Consultant will assume all risks that the information is complete and accurate and the Consultant will advise the City in writing if in the Consultant’s judgment the information is deficient or unreliable and undertake such new surveys and investigations as are necessary.

6.2 City Decisions

The City will in a timely manner make all decisions required under this agreement, examine documents submitted by the Consultant and respond to all requests for approval made by the Consultant pursuant to this agreement.

6.3 Notice of Defect

If the City observes or otherwise becomes aware of any fault or defect in the Services, it may notify the Consultant, but nothing in this agreement will be interpreted as giving the City the obligation to inspect or review the Consultant’s performance of the Services.

7. INSURANCE AND DAMAGES

7.1 Indemnity

The Consultant will indemnify and save harmless the City and all of its elected and appointed officials, officers, employees, servants, representatives and agents (collectively the “**Indemnitees**”), from and against all claims, demands, causes of action, suits, losses, damages and costs, liabilities, expenses and judgments (including all actual legal costs) for damage to or destruction or loss of property, including loss of use, and injury to or death of any person or persons which any of the Indemnitees incur, suffer or are put to arising out of or in connection with any failure, breach or non-performance by the Consultant of any obligation of this agreement, or any wrongful or negligent act or omission of the Consultant or any employee or agent of the Consultant.

7.2 Survival of Indemnity

The indemnity described in section 7.1 will survive the termination or completion of this agreement and, notwithstanding such termination or completion, will continue in full force and effect for the benefit of the Indemnitees.

7.3 Consultant's Insurance Policies

The Consultant will, without limiting its obligations or liabilities and at its own expense, provide and maintain throughout this agreement the following insurances in forms and amounts acceptable to the City from insurers licensed to conduct business in Canada:

- (a) commercial general liability insurance on an occurrence basis, in an amount not less than three million (\$3,000,000) dollars inclusive per occurrence against death, bodily injury and property damage arising directly or indirectly out of the work or operations of the Consultant, its employees and agents. The insurance will include cross liability and severability of interests such that the coverage shall apply in the same manner and to the same extent as though a separate policy had been issued to each insured. The insurance will include, but not be limited to: premises and operators liability, broad form products and completed operations, owners and Consultants protective liability, blanket contractual, employees as additional insureds, broad form property damage, non-owned automobile, contingent employers liability, broad form loss of use, personal injury, and incidental medical malpractice. The City will be added as additional insured;
- (b) professional errors and omissions liability insurance in an amount not less than two million (\$2,000,000) dollars insuring all professionals providing the Services from liability resulting from errors or omissions in the performance of the Services; and
- (c) automobile liability insurance on all vehicles owned, operated or licensed in the name of the Consultant in an amount not less than three million (\$3,000,000) dollars per occurrence for bodily injury, death and damage to property.

7.4 Insurance Requirements

The Consultant will provide the City with evidence of the required insurance prior to the commencement of this agreement. Such evidence will be in the form of a completed certificate of insurance acceptable to the City. The Consultant will, on request from the City, provide certified copies of all of the Consultant's insurance policies providing coverage relating to the

Services, including without limitation any professional liability insurance policies. All required insurance will be endorsed to provide the City with thirty (30) days advance written notice of cancellation or material change restricting coverage. To the extent the City has an insurable interest, the builder's risk policy will have the City as first loss payee. The Consultant will be responsible for deductible amounts under the insurance policies. All of the Consultant's insurance policies will be primary and not require the sharing of any loss by the City or any insurer of the City.

7.5 Consultant Responsibilities

The Consultant acknowledges that any requirements by the City as to the amount of coverage under any policy of insurance will not constitute a representation by the City that the amount required is adequate and the Consultant acknowledges and agrees that the Consultant is solely responsible for obtaining and maintaining policies of insurance in adequate amounts. The insurance policy coverage limits shall not be construed as relieving the Consultant from responsibility for any amounts which may exceed these limits, for which the Consultant may be legally liable.

7.6 Additional Insurance

The Consultant shall place and maintain, or cause any of its sub-consultants to place and maintain, such other insurance or amendments to the foregoing policies as the City may reasonably direct.

7.7 Waiver of Subrogation

The Consultant hereby waives all rights of recourse against the City for loss or damage to the Consultant's property.

8. TERMINATION

8.1 By the City

The City may at any time and for any reason by written notice to the Consultant terminate this agreement before the completion of all the Services, such notice to be determined by the City at its sole discretion. Upon receipt of such notice, the Consultant will perform no further Services other than the work which is reasonably required to terminate the Services and return the City's property to the City. Despite any other provision of this agreement, if the City terminates this agreement before the completion of all the Services, the City will pay to the Consultant all amounts owing under this agreement for Services provided by the Consultant up to and including the date of termination, plus reasonable termination costs in the amount as determined by the City in its sole discretion. Upon payment of such amounts no other or additional payment will be owed by the City to the Consultant, and, for certainty, no amount will be owing on account of lost profits relating to the portion of the Services not performed or other profit opportunities.

8.2 Termination for Cause

The City may terminate this agreement for cause as follows:

- (a) If the Consultant is adjudged bankrupt, or makes a general assignment for the benefit of creditors because of its insolvency, or if a receiver is appointed because of its insolvency, the City may, without prejudice to any other right or remedy the City may have, terminate this agreement by giving the Consultant or receiver or trustee in bankruptcy written notice; or
- (b) If the Consultant is in breach of any term or condition of this agreement, and such breach is not remedied to the reasonable satisfaction of the City within 5 days after delivery of written notice from the City to the Consultant, then the City may, without prejudice to any other right or remedy the City may have, terminate this agreement by giving the Consultant further written notice.

If the City terminates this agreement as provided by this Section, then the City may:

- (c) enter into contracts, as it in its sole discretion sees fit, with other persons to complete the Services;
- (d) withhold payment of any amount owing to the Consultant under this agreement for the performance of the Services;
- (e) set-off the total cost of completing the Services incurred by the City against any amounts owing to the Consultant under this agreement, and at the completion of the Services pay to the Consultant any balance remaining; and
- (f) if the total cost to complete the Services exceeds the amount owing to the Consultant, charge the Consultant the balance, which amount the Consultant will forthwith pay.

8.3 Curing Defaults

If the Consultant is in default of any of its obligations under this agreement, then the City may without terminating this agreement, upon 5 days written notice to the Consultant, remedy the default and set-off all costs and expenses of such remedy against any amounts owing to the Consultant. Nothing in this agreement will be interpreted or construed to mean that the City has any duty or obligation to remedy any default of the Consultant.

9. APPLICABLE LAWS, BUILDING CODES AND BY-LAWS

9.1 Applicable Laws

This agreement will be governed by and construed in accordance with the laws of the Province of British Columbia. The City and the Consultant accept the jurisdiction of the courts of British Columbia and agree that any action under this agreement be brought in such courts.

9.2 Codes and By-Laws

The Consultant will provide the Services in full compliance with all applicable laws, building codes and regulations.

9.3 Interpretation of Codes

The Consultant will, as a qualified and experienced professional, interpret applicable codes, laws and regulations applicable to the performance of the Services. If an authority having jurisdiction imposes an interpretation which the Consultant could not reasonably have verified or foreseen prior to entering into this agreement, then the City will pay the additional costs, if any, of making alterations so as to conform to the required interpretation.

10. CONFIDENTIALITY AND DISCLOSURE OF INFORMATION

10.1 No Disclosure

Except as provided for by law or otherwise by this agreement, the Consultant will keep strictly confidential any information supplied to, obtained by, or which comes to the knowledge of the Consultant as a result of the performance of the Services and this agreement, and will not, without the prior express written consent of the City, publish, release, disclose or permit to be disclosed any such information to any person or corporation, either before, during or after termination of this agreement, except as reasonably required to complete the Services.

10.2 Freedom of Information and Protection of Privacy Act

The Consultant acknowledges that the City is subject to the *Freedom of Information and Protection of Privacy Act* of British Columbia and agrees to any disclosure of information by the City required by law.

10.3 Return of Property

The Consultant agrees to return to the City all of the City's property at the completion of this agreement, including any and all copies or originals of reports provided by the City.

11. USE OF WORK PRODUCT

The Consultant hereby sells, assigns and transfers to the City the right, title and interest required for the City to use and receive the benefit of all the reports, drawings, plans, designs, models, specifications, computer software, concepts, products, designs or processes or other such work product produced by or resulting from the Services rendered by the Consultant.

12. WORKERS' COMPENSATION BOARD AND OCCUPATIONAL HEALTH AND SAFETY

12.1 The Consultant agrees that it shall, at its own expense, procure and carry, or cause to be procured, carried and paid for, full Workers' Compensation Board coverage for itself and all workers, employees, servants and others engaged in or upon any work or service which is the subject of this agreement. The Consultant agrees that the City has the unfettered right to set off the amount of the unpaid premiums and assessments for the Workers' Compensation Board coverage against any monies owing by the City to the Consultant. The City will have the right to withhold payment under this agreement until the Workers' Compensation Board premiums, assessments or penalties in respect of the Services have been paid in full.

12.2 The Consultant will provide the City with the Consultant's Workers' Compensation Board registration number and a letter from the Workers' Compensation Board confirming that the Consultant is registered in good standing with the Workers' Compensation Board and that all assessments have been paid to the date thereof prior to the City having any obligations to pay monies under this agreement.

12.3 The Consultant agrees that it is the prime contractor for the Services as defined in the *Workers Compensation Act*, R.S.B.C. 1996, c. 492 as amended and will ensure compliance with the *Workers Compensation Act* and Regulations in respect of the

workplace. Without limiting its responsibilities under the legislation, the Consultant will coordinate the activities of employers, workers and other persons at the workplace relating to occupational health and safety. The Consultant will have a safety program in place that meets the requirements of the Workers' Compensation Board Occupational Health and Safety Regulation and the *Workers Compensation Act*. As prime contractor, the Consultant will be responsible for appointing a qualified coordinator for insuring the health and safety activities for the location of the Services. That person will be the person so identified in Appendix 4 of this agreement, and the Consultant will advise the City immediately in writing if the name or contact number of the qualified coordinator changes.

- 12.4 Without limiting the generality of any other indemnities granted by the Consultant in this agreement, the Consultant shall indemnify and save harmless the Indemnitees from and against all claims, demands, causes of action, suits, losses, damages, costs, liabilities, expenses, judgements, penalties and proceedings (including all actual legal costs) which any of the Indemnitees incur, suffer or are put to arising out of or in any way related to unpaid Workers' Compensation Board assessments owing from any person or corporation engaged in the performance of this agreement or arising out of or in any way related to the failure to observe safety rules, regulations and practices of the Workers' Compensation Board, including penalties levied by the Workers' Compensation Board.
- 12.5 The Consultant will ensure compliance with and conform to all health and safety laws, by-laws or regulations of the Province of British Columbia, including without limitation the *Workers Compensations Act* and Regulations pursuant thereto.
- 12.6 The City may, on twenty-four (24) hours written notice to the Consultant, install devices or rectify any conditions creating an immediate hazard existing that would be likely to result in injury to any person. However, in no case will the City be responsible to ascertaining or discovering, through inspections or review of the operations of the Consultant or otherwise, any deficiency or immediate hazard.

13. BUSINESS LICENSE

- 13.1 The Consultant will obtain and maintain throughout the term of this agreement a valid City of Surrey business license.

14. DISPUTE RESOLUTION

14.1 Dispute Resolution Procedures

The parties will make reasonable efforts to resolve any dispute, claim, or controversy arising out of this agreement or related to this agreement ("**Dispute**") using the dispute resolution procedures set out in this section 14.

(a) Negotiation

The parties will make reasonable efforts to resolve any Dispute by amicable negotiations and will provide frank, candid and timely disclosure of all relevant facts, information and documents to facilitate negotiations.

(b) Mediation

If all or any portion of a Dispute cannot be resolved by good faith negotiations within 30 days, either party may by notice to the other party refer the matter to mediation. Within 7 days of delivery of the notice, the parties will mutually appoint a mediator. If the parties fail to agree on the appointment of the mediator, then either party may

apply to the British Columbia International Commercial Arbitration Centre for appointment of a mediator. The parties will continue to negotiate in good faith to resolve the Dispute with the assistance of the mediator. The place of mediation will be Surrey, British Columbia. Each party will equally bear the costs of the mediator and other out-of-pocket costs, and each party will bear its own costs of participating in the mediation.

(c) Litigation

If within 90 days of the request for mediation the Dispute is not settled, or if the mediator advises that there is no reasonable possibility of the parties reaching a negotiated resolution, then either party may without further notice commence litigation.

15. JURISDICTION AND COUNCIL NON-APPROPRIATION

15.1 Nothing in this agreement limits or abrogates, or will be deemed to limit or abrogate, the jurisdiction of the Council of the City in the exercise of its powers, rights or obligations under any public or private statute, regulation or by-law or other enactment.

15.2 The Consultant recognizes and agrees that the City cannot make financial commitments beyond the City's current fiscal year. The City will annually make bonafide requests for appropriation of sufficient funds to cover all payments covered by this agreement. If City Council does not appropriate funds, or appropriates insufficient funds, the City will notify the Consultant of its intention to terminate or reduce the services so affected within 30 days after the non-appropriation becomes final. Such termination shall take effect 30 days from the date of notification, shall not constitute an event of default and shall relieve the City, its officers and employees, from any responsibility or liability for the payment of any further amounts under this agreement.

16. GENERAL

16.1 Entire Agreement

This agreement, including the Appendices and any other documents expressly referred to in this agreement as being a part of this agreement, contains the entire agreement of the parties regarding the provision of the Services and no understandings or agreements, oral or otherwise, exist between the parties except as expressly set out in this agreement. This agreement supersedes and cancels all previous agreements between the parties relating to the provision of the Services.

16.2 Amendment

This agreement may be amended only by agreement in writing, signed by both parties.

16.3 Consultant Terms Rejected

In the event that the Consultant issues an invoice, packing slip, sales receipt, or any like document to the City, the City accepts the document on the express condition that any terms and conditions in it which constitute terms and conditions which are in addition to or which establish conflicting terms and conditions to those set out in this agreement are expressly rejected by the City.

16.4 Survival of Obligations

All of the Consultant's obligations to perform the Services in a professional and proper manner will survive the termination or completion of this agreement.

16.5 Cumulative Remedies

The City's remedies under this agreement are cumulative and in addition to any right or remedy which may be available to the City at law or in equity.

16.6 Notices

Any notice, report or other document that either party may be required or may wish to give to the other must be in writing, unless otherwise provided for, and will be deemed to be validly given to and received by the addressee, if delivered personally, on the date of such personal delivery, if delivered by facsimile, on transmission, or if by mail, five calendar days after posting. The addresses for delivery will be as follows:

(a) The City:

City of Surrey
<☐> insert department/division/section name>
13450 – 104 Avenue, Surrey, B.C., Canada, V3T 1V8

Attention: <☐> insert City contact name>
<☐> insert title>
Fax No.: <☐> insert>
Email: <☐> insert>

(b) The Consultant (Contract Administrator):

<☐> insert name and address>

Attention: <☐> insert City contact name>
<☐> insert title>
Fax No.: <☐> insert>
Email: <☐> insert>

16.7 Unenforceability

If any provision of this agreement is invalid or unenforceable, it will be severed from the agreement and will not affect the enforceability or validity of the remaining provisions of the agreement.

16.8 Headings

The headings in this agreement are inserted for convenience of reference only and will not form part of nor affect the interpretation of this agreement.

16.9 Singular, Plural and Gender

Wherever the singular, plural, masculine, feminine or neuter is used throughout this agreement the same will be construed as meaning the singular, plural, masculine, feminine, neuter or body corporate where the context so requires.

16.10 Waiver

No waiver by either party of any breach by the other party of any of its covenants, obligations and agreements will be a waiver of any subsequent breach or of any other covenant, obligation or agreement, nor will any forbearance to seek a remedy for any breach be a waiver of any rights and remedies with respect to such or any subsequent breach.

16.11 Signature

This agreement may be executed in one or more counterparts all of which when taken together will constitute one and the same agreement, and one or more of the counterparts may be delivered by fax or PDF email transmission.

16.12 Enurement

This agreement shall enure to the benefit of and be binding upon the respective successors and permitted assigns of the City and the Consultant.

IN WITNESS WHEREOF the parties hereto have executed this agreement on the day and year first above written.

CITY OF SURREY

I/We have the authority to bind the City.

(Signature of Authorized Signatory)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

CONSULTANT

I/We have the authority to bind the Consultant.

(Legal Name of Consultant)

(Signature of Authorized Signatory)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(APPENDICES 1 THROUGH 5 WILL BE INSERTED LATER WHEN AN AGREEMENT IS ASSEMBLED FOR EXECUTION INCLUDING INFORMATION FROM THE RFP AND SUCCESSFUL PROPOSAL.)

APPENDIX 1 – SPECIFICATIONS OF GOODS AND SCOPE OF SERVICES

APPENDIX 2 – FEES AND PAYMENT

APPENDIX 3 – TIME SCHEDULE

APPENDIX 4 – PERSONNEL AND SUB-CONSULTANTS

APPENDIX 5 – ADDITIONAL SERVICES

SCHEDULE C – FORM OF PROPOSAL

RFP Project Title: **COMMISSIONING AUTHORITY FOR WEST VILLAGE DISTRICT ENERGY CENTRE**

RFP Reference No.: **1220-030-2016-049**

Legal Name of Proponent: _____

Contact Person and Title: _____

Business Address: _____

Telephone: _____

Fax: _____

E-Mail Address: _____

TO:

City Representative: Richard D. Oppelt, Purchasing Manager

Address: Surrey City Hall
Finance & Technology Department – Purchasing Section
Reception Counter, 5th Floor West
13450 – 104 Avenue, Surrey, B.C., Canada V3T 1V8

E-mail for PDF Files: purchasing@surrey.ca

Dear Sir:

1.0 I/We, the undersigned duly authorized representative of the Proponent, having received and carefully reviewed all of the Proposal documents, including the RFP and any issued addenda posted on the City Website and BC Bid Website, and having full knowledge of the Site, and having fully informed ourselves as to the intent, difficulties, facilities and local conditions attendant to performing the Services, submit this Proposal in response to the RFP.

2.0 I/We confirm that the following schedules are attached to and form a part of this Proposal:

- Schedule C-1 – Statement of Departures;
- Schedule C-2 – Proponent’s Experience, Reputation and Resources;
- Schedule C-3 – Proponent’s Technical Proposal (Services);
- Schedule C-4 – Proponent’s Technical Proposal (Time Schedule); and
- Schedule C-5 – Proponent’s Financial Proposal.

3.0 I/We confirm that this proposal is accurate and true to best of my/our knowledge.

4.0 I/We confirm that, if I/we am/are awarded a contract, I/we will at all times be the “prime contractor” as provided by the *Worker's Compensation Act (British Columbia)* with respect to the Services. I/we further confirm that if I/we become aware that another consultant at the place(s) of the Services has been designated as the “prime contractor”, I/we will notify the City immediately, and I/we will indemnify and hold the City harmless against any claims, demands, losses, damages, costs, liabilities or expenses suffered by the City in connection with any failure to so notify the City.

This Proposal is submitted this _____ day of _____, 2016.

I/We have the authority to bind the Proponent.

(Legal Name of Proponent)

(Signature of Authorized Signatory)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

SCHEDULE C-1 - STATEMENT OF DEPARTURES

1. I/We have reviewed the proposed Contract attached to the RFP as Schedule “B”. If requested by the City, I/we would be prepared to enter into that Contract, amended by the following departures (list, if any):

Section	Requested Departure(s) / Alternative(s)
----------------	--

2. The City of Surrey requires that the successful Proponent have the following in place **before commencing the Services**:

- (a) Workers' Compensation Board coverage in good standing and further, if an “Owner Operator” is involved, personal operator protection (P.O.P.) will be provided,
Workers' Compensation Registration Number _____;
- (b) Prime Contractor qualified coordinator is Name: _____
and Contact Number: _____;
- (c) Insurance coverage for the amounts required in the proposed Agreement as a minimum, naming the City as additional insured and generally in compliance with the City's sample insurance certificate form available on the City's Website at www.surrey.ca search [Consultants Certificate of Insurance](#);
- (d) City of Surrey or Intermunicipal Business License: Number _____;
- (e) If the Consultant's Goods and Services are subject to GST, the Consultant's GST Number is _____; and
- (f) If the Consultant is a company, the company name indicated above is registered with the Registrar of Companies in the Province of British Columbia, Canada, Incorporation Number _____.

As of the date of this Proposal, we advise that we have the ability to meet all of the above requirements **except as follows** (list, if any):

Section	Requested Departure(s) / Alternative(s)
----------------	--

3. I/We offer the following alternates to improve the Services described in the RFP (list, if any):

Section	Requested Departure(s) / Alternative(s)
----------------	--

4. The Proponent acknowledges that the departures it has requested in Sections 1, 2 and 3 of this Schedule C-1 will not form part of the Contract unless and until the City agrees to them in writing by initialling or otherwise specifically consenting in writing to be bound by any of them.

SCHEDULE C-2 - PROPONENT'S EXPERIENCE, REPUTATION AND RESOURCES

Proponents should provide information on the following (use the spaces provided and/or attach additional pages, if necessary):

- (i) Location of primary business, branch locations, background, stability, structure of the Proponent and number of years business has been operational;
- (ii) Proponent's relevant experience and qualifications in delivering Services similar to those required by the RFP;
- (iii) Proponent's demonstrated ability to provide the Services;
- (iv) Proponent's equipment resources, capability and capacity, as relevant;
- (v) Proponent's references (name and telephone number). The City's preference is to have a minimum of three references. Provide contact information and names of corporate clients (government preferred). Proponent is currently supplying same or similar Services to:

- (vi) Proponent's financial strength (with evidence such as financial statements, bank references);
- (vii) Describe any difficulties or challenges you might anticipate in providing the Services to the City and how you would plan to manage these;
- (viii) Proponents should provide information on the background and experience of all key personnel proposed to undertake the Services (use the spaces provided and/or attach additional pages, if necessary):

Key Personnel

Name: _____

Experience: _____

Dates: _____

Project Name: _____

Responsibility: _____

Dates: _____

Project Name: _____

Responsibility: _____

SCHEDULE C-3 - PROPONENT'S TECHNICAL PROPOSAL (SERVICES)

Proponents should provide the following (use the spaces provided and/or attach additional pages, if necessary):

- (i) a narrative that illustrates an understanding of the City's requirements and Services;
- (ii) a description of the general approach and methodology that the Proponent would take in performing the Services including specifications and requirements;
- (iii) a narrative that illustrates how the Proponent will complete the scope of Services, manage the Services, and accomplish required objectives within the City's schedule;
- (iv) a description of the standards to be met by the Proponent in providing the Services; and
- (v) a list of the significant reports that you would anticipate providing the City's management team, including their relationship to project milestones and the method of delivery (electronic, paper, e-mail, other).

SCHEDULE C-5 - PROPONENT'S FINANCIAL PROPOSAL

Proponents should set out in their Proposal, the proposed fee structure (excluding GST) and provide a breakdown of the budget, including a breakdown of the estimated hours to be spent by each individual on the consultant team and the charge out hourly rate for each individual included in their Proposal.

The Fee structure should be tabulated in a spreadsheet format with each task itemized including hourly rates, break out costs as specified for the Project and all deliverables, and fees for anything the Proponent would consider additional work. Sub-consultant fees and disbursements should also to be itemized.

Schedule of Rates:

Item No.	Description	Estimated Quantity of Hours	Hourly Rate	Total Price
1	Professional Services			
2	Design Phase			
3	Construction Phase			
4	Commissioning & Handing Over			
5	Project Close Out			
6	Disbursements			
7	Other <i>(please specify)</i>			
8	Other <i>(please specify)</i>			
9	Subtotal:			
10	TOTAL PROPOSAL PRICE (excluding taxes) :			

Additional Expenses:

The proposed Contract attached as Schedule "B" to the RFP provides that expenses are to be included within the fee, other than the expenses listed in the Contract as disbursements. Details of disbursements are to be shown in the chart above. Please indicate any expenses that would be payable in addition to the proposed fee and proposed disbursements set out above:

Separate Pricing:

Proponents should provide separate pricing for the following:

- 1) Commissioning of Solar Panels \$ _____**

Both solar photovoltaic and hot water panels may be added to the roof of the energy centre. Please included separate pricing for the commissioning of this additional scope.

Proponent should provide pricing as follows:

- a) Design Phase
 - Independent peer review of design development documents
- b) Construction Phase
 - Independent peer review of construction documents near completion and prior to issuing the contract documents for construction
 - Independent review of contractor's submittal related to systems being commissioned
 - Development of the single manual that contains information required for commissioning of solar panels
- c) Warranty Phase
 - Review of the building systems operations with City's O&M personnel within one year warranty period

2) Coordinating and submitting O&M manuals for the Project \$ _____

Proponents to provide a separate pricing for preparing and submitting O&M Manuals for the whole project including, but not limited to, architecture, mechanical and electrical. The Commissioning Authority (CA) will coordinate and work closely with the contractors to collect, organize and compile the Project O&M Manuals. Being responsible for the preparation and submittal of all O&M Manuals the CA will review (to accept and/or reject) the contractors' manuals submission to ensure correctness and completeness of each submission prior to final submission to the City.

The CA will provide complete O&M Manuals for the whole project as follows: one (1) electronic copy plus three (3) hard copies in heavy-duty high quality binders that are easily expandable to increase capacity. Binders shall be two-piece construction with full length metal hinges and secure slide-lock mechanisms and removable post bars to allow for easy single page or section updating. Colour to be Black.

3) Plant Hazardous Assessment (see Section 5.6 for details) \$ _____.

While LEED certification is not being pursued, it is expected that the CA conduct Best Practice Commissioning to align with the requirements of LEED® Canada-NC 2009 and as indicated in the reference guide for Prerequisite EAp1 – Fundamental Commissioning of Energy Systems. Please indicate the additional cost to align with the requirements of the following two LEED credits:

4) EAc3 Enhanced Commissioning \$ _____

Proponent should provide pricing as follows:

- a) A fixed fee proposal that clearly indicates the costs associated with completing the requirements of LEED EAc3 Measurement and Verification requirements, including all disbursements;
- b) Provide separate price breakdown for LEED Credit EAc3 Enhanced Commissioning for each of the design and construction phases of the Project; and
- c) Provide separate price for the Project review at near-warranty end.

5) EAc5 Measurement & Verification \$ _____

Proponent should provide pricing as follows:

- a) A fixed fee proposal that clearly indicates the costs associated with completing the requirements of LEED EAc5 Measurement and Verification requirements, including all disbursements;
- b) Provide separate price breakdown for LEED Credit EAc5 Measurement and Verification for each of the design and construction phases of the Project; and
- c) Provide separate price for the Project review at near-warranty end.

6) Any other additional scope or value added services that may be applicable for this project \$ _____.

At the discretion of the City, the additional service may or may not be included in the Contract.

Payment Terms:

A cash discount of _____% will be allowed if account is paid within _____ days, or the _____ day of the month following, or net 30 days, on a best effort basis.