

REQUEST FOR PROPOSALS

For

101 YMCA Blvd, Markham, Ontario
Solar Photo-voltaic (PV) System

-DRAFT-

Prepared for:
YMCA of Greater Toronto

Prepared by:
Halsall Associates
2300 Yonge Street, Suite 2300
Toronto, ON
M4P 1E4

Attention: Peter Daldoss (416-644-1246)

13Y122-050A
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1. INVITATION TO RESPOND**1.1 Introduction**

Halsall Associates (Consultant), on behalf of the YMCA of Greater Toronto (Owner) is issuing this Request for Proposal (RFP) to pre-qualified contractors (Respondents) for services relating to the design, installation and maintenance of a solar photovoltaic installation at Markham's YMCA located at 101 YMCA Blvd, Markham, Ontario.

The following tasks have been completed to-date:

- FIT Application has been submitted to the OPA for a 75 kW solar PV system
- IESO Authorization form has been submitted to the OPA
- Form A – Pre-FIT Consultation form has been submitted to PowerStream
- FIT Application approval has been received.
- FIT contract is in the process of being executed.

The Owner is seeking a solar PV service provider (Contractor) for the turnkey design, installation and maintenance of the system along with the administration of the FIT process on behalf of the Owner.

1.2 Invitation to Submit Proposals

Proposals will be accepted only from invited contractors (short listed during the RFQ stage).

1.3 Delivery and Opening of Responses

Submit responses in a sealed envelope, clearly marked with the contractor's name, the project name, and the closing date and time to:

Halsall Associates
2300 Yonge Street
Suite 2300, P.O. Box 2385
Toronto, Ontario, M4P 1E4

ATTN: Peter Daldoss, P.Eng.
DATE: July 31, 2013
Before 2:30 p.m. Local Time

1.4 Consultant Representative

Direct all questions to Consultant's Representative:

Peter Daldoss, P.Eng.
2300 Yonge Street
Suite 2300

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Toronto, Ontario
M4P 1E4
Email: pdaldoss@halsall.com
Phone: 416-644-1246

1.5 Mandatory Briefing Meeting

There will be a mandatory briefing meeting at 101 YMCA Blvd, Markham, Ontario (meet in front lobby) on Friday July 19th, 2013 at 9:00. Failure to attend this walk-through will disqualify proponents from submitting a proposal.

Subsequent visits can be arranged through the Owner's site representative:

David Cheung
Facility Manager
Email: David.Cheung@YMCAGTA.ORG
Phone: 416- 904-3585

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2. INSTRUCTIONS TO RESPONDENTS**2.1 Examination of Site**

It is the responsibility of each Respondent to conduct sufficient investigation of the site of the work and obtain all required information about local conditions to be met with during the work prior to submitting their Proposal. The Respondents shall make their own estimates of the facilities and difficulties to be encountered. Respondents may not claim at any time after submission of the Proposal that there was any misunderstanding of the terms and conditions of the Contract relating to site conditions evident or apparent during the Proposal period. The Owner, the Consultant and their employees will not be held responsible for the Respondents failure to obtain such information.

2.2 Omissions and Discrepancies

Respondents shall ensure that their copy of the documents contains all the pages listed in the Table of Contents. Should a Respondent find discrepancies in, or omissions, or be in doubt as to their meaning, the Respondent shall notify the Consultant. An addendum may then be issued.

2.3 Interpretations

No oral interpretations made to a Respondent as to the meaning of any of the documents shall modify any of the provisions of the Request for Proposal documents. Written requests for interpretation shall be made to the Consultant no later than:

DATE: July 26, 2013
Before 1:30 p.m. Local Time

Respondents may be advised by email of all such written clarifications as they are being prepared in order that they become aware of any changes as quickly as is possible.

2.4 Instructions and Addenda

The Request for Proposal and all Addenda which may be sent to the Respondents during the time of preparation of Proposals shall be considered as part of the Contract Documents.

2.5 Acceptance or Rejection of Responses

The Owner shall not be responsible for any liabilities, costs, expenses, loss or damage incurred, sustained or suffered by any Respondent prior or subsequent to or by reason of the acceptance or the non-acceptance by the Owner any response or by reason of

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any delay in the acceptance of a response. The Owner reserves the right to reject any or all responses.

This Request for Proposal is not a tender call and does not commit the Owner in any way to select a Respondent, or to proceed to negotiations for an Agreement, or to award any Agreement, and the Owner reserves the complete right to, at any time reject all submissions, and to terminate this Request for Proposal process. This Request for Proposal is not intended to create, and should not be construed as creating, contractual relations between the Owner and any Respondent.

2.6 Form of Contract

The CCDC Standard Construction Document (CCDC 2 – 2008) specified in Contract Conditions shall apply to this project except as such conditions are amended by the Supplementary Conditions found in Appendix B. The Form of Agreement, General Conditions and Definitions shall all apply.

2.7 RFP Requirements

Respondents are to provide Proposals as described in the Proposal Response form found in Appendix A.

A Contract Price will be arrived at by summing prices quoted for the individual Items, and including selected optional Items, if provided. Prices shall include all labour, materials, costs for the co-ordination between the Items, clean-up, temporary removal and replacement of items which will affect the work, making good finishes affected by the work, overhead, profit and statutory charges. Breakdown of work into sections is only for the purpose of assessing bids. In the case of an error in extending the unit prices, the unit price shall be deemed correct and used to determine the correct price.

The Owner is open to value added services the Respondent may provide in addition to services described. Describe any such value added services which would be included as part of your package.

2.8 RFP Evaluation

The RFP submissions will be evaluated based on:

- a) Quality of the proposed PV system;
- b) Performance of the proposed PV system;
- c) Impact of the proposed system on roof assembly and structure;
- d) Experience of the proposed team;
- e) Sustainable options presented beyond the minimum performance requirements (such as monitoring and maintenance programs); and
- f) Cost of the installed PV system.

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2.9 Bonds

An Agreement to Bond is required with the Proposal in the amount of 50% of the Contract Price plus tax for Performance and for Labour and Materials. The Standard Agreement to Bond Form must be executed on behalf of the Surety Company by its authorized officers under the company's corporate seal. Surety bonds shall be provided by a company licenced to provide Bonds in the location of place of work.

The Performance Bond shall remain in effect for a period of 2 years from the date of Substantial Performance as defined in the governing lien legislation (or, where no definition exists, the date when work is ready for use or is being used for the purpose intended). The Labour and Materials Bond shall remain in effect for a period of 1 year following the date upon which work under the contract ceases.

2.10 Completion Dates

The Respondent shall state the time frame required to complete the Project as described in their Proposal. The site is available immediately following OPA approval to proceed.

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3.0 GENERAL REQUIREMENTS**General**

- a) Accept instructions only from the Consultant and/or sources designated by the Consultant.
- b) The building shall remain in use in areas not immediately affected by the work. Ensure that normal building operations and maintenance may be carried out without disruption, except as otherwise noted herein or stated in the Proposal.
- c) The operating hours of the building are Monday to Friday 7 am to 11 pm and Saturday & Sunday 7:30 am to 9 pm. The Contractor can work any time during these hours.
- d) Coordinate with Owner for all work in order to avoid disruptions to facility activities.
- e) If work is required outside normal working hours, this can be accommodated with 3 business days advance notice.
- f) Building Daytime Noise Restriction: Noise generating work that disturbs interior activities shall not be permitted from 7 a.m. to 9 p.m., to avoid building disruption. Noise generating work will be permitted outside of this time period only as allowed by local By-Laws.
- g) Provide the necessary design, installation, supervision, commissioning and operator training to ensure for a complete and fully operational system.
- h) The Contractor and all sub-contractors shall employ only certified tradespersons to carry out all applicable work.
- i) Provide all necessary material and equipment to complete the entire project.
- j) Arrange for inspection of all electrical work by the Electrical Safety Authority (ESA). Submit the Certificate of Inspection and Product Approval Certificate with the as-built documentation.

Submittals

- a) Prior to the agreed date of commencement of the work, submit a construction schedule in a form acceptable to the Consultant. Specify the activities of most importance to timing and their completion dates.

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- b) At least two weeks prior to the commencement of work on site, prepare and submit one (1) electronic copy of the shop drawing manual for the review and approval of the Consultant. Under no circumstances shall the Contractor commence site work prior to the receipt of approved shop drawings. Costs for additional time required by the Consultant to repeat shop drawing review as a result of the Contractor failing to correct non-compliance previously identified by the Consultant shall be deducted from the Contract amount.

As-Built Documentation

Prepare and submit two (2) hard copies and one (1) electronic copy of As Built and operating/maintenance manuals to the Consultant for review and approval including ESA Inspection Certificates and product approval inspection.

Warranty

- a) All labour and material supplied under this contract shall be warranted free from defects for a period of two (2) years after final completion and acceptance. Failures and repairs during the warranty period shall be adjusted, repaired, or replaced at no additional cost to the Owner. The Contractor shall respond to the Owner's request for warranty service within one (1) business day.
- b) The final completion and acceptance date shall be the date of the project turnover meeting.
- c) All work shall have a single warranty date, even when the Owner has received beneficial use of part of the system in advance of the final completion date.

Protection of Work, Property and Persons

- a) Maintain all emergency and service access routes clear at all times. Provide barricades and signs necessary to direct vehicular and pedestrian traffic around construction areas at all times.
- b) Before commencing work, identify all paths for dust, fumes or odours generated by the work to penetrate interior spaces. These shall include make-up air intakes, ventilation/exhaust openings for service rooms such as generator or hydro vault rooms, doors, windows, and pipe or cable penetrations. Take measures such as enclosing, sealing and/or providing sustained negative pressure to prevent dust, fume or odour ingress. If required, coordinate temporary shut-down of mechanical equipment by Owner.
- c) Be responsible for damage caused or clean-up required by dispersion of dust generated by the work.

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- d) Before commencing work, inspect all building components, including drains, lights, windows, screens, doors, etc. within the area of the work. Submit a written list if there is existing damage, or items not functioning.
- e) Receive, be responsible for, and promptly arrange all details of compensation for all damage existing after the work which was not recorded prior to the work. Unless dealt with promptly by the Contractor, the Contractor will be responsible for costs for time of Owner's or Consultant's personnel and other costs incurred for claims not handled by the Contractor. This includes costs for correction of deficiencies paid for by the Owner.
- f) For work requiring interior building access, ensure no combustible materials (e.g. cardboard, wood, plastic, other debris) are placed or stored in elevator shafts, ventilation shafts or means of egress including hallways, stairwells, and fire escapes.
- g) Ensure the building envelope affected by the work is made water-tight prior to adverse weather, and at the end of each day, to prevent interior leakage.

Progress of Work and Schedule

- a) Monitor compliance with the contract schedule on an ongoing basis. Submit updated schedules monthly indicating progress to date and compliance.
- b) At no time shall the size of the work crew be decreased from the size indicated on the project schedule.
- c) If the Owner or Consultant, at any time, considers the number of workers, equipment or materials to be insufficient to maintain the Contract schedule, the Owner, through the Consultant, may, in writing, order the Contractor to work weekends/and or additional hours or provide additional workers, equipment, or materials as the Owner and Consultant may think necessary and in such longer period as may be fixed by any such order at no additional cost to the Owner in order that the Work be performed according to the terms of the Contract. Should the Contractor fail to comply with the order, the Contractor shall be considered to be in default of the Contract.
- d) Should the Contractor fail to meet the project schedule as a result of conditions under their control, the Owner reserves the right to deduct costs for additional time required by the Consultant from amounts owed to the Contractor.

Project Supervision and Coordination

- a) Ensure that a qualified foreman, capable of communicating effectively in the English language, familiar with the requirements of the Contract documents, is on site at all times, including during subcontractors' activities.

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- b) Coordinate and be responsible for the work of the various sub-trades.
- c) Take reasonable measures to control noise, dust, smoke, and odours during construction. Control execution of all work to minimize interference of occupants' use of the building. Be responsible for workers' activities while on the site.
- d) Conform to all By-Laws and all Legislated requirements including those related to labour, noise and the environment.
- e) Notify all staff and sub-contractors that the Contractor is entirely responsible for site safety. No actions or lack of action by the Owner or Consultant shall be deemed to be an instruction related to safety of the workplace.

Applicable Laws, Regulations and Standards

- a) Perform all work in accordance with current Code requirements and local and municipal by-laws.
- b) All Standards referred to shall be the current editions as amended at the date of issue of Contract Documents.
- c) The Contractor is responsible for obtaining and paying for all building permits, street permits, power line protection, damage deposits, etc., as required.
- d) The Contractor is responsible for notifying the proper municipal inspector in advance (as specified by the inspector) to complete review of any project component the local municipal authority requires. Ensuring that correct municipal reviews are completed shall be solely the Contractor's responsibility. Additional work to expose or re-do uninspected work shall be completed by the Contractor at their expense.

Substitutions

- a) Submit in writing any requests for substitutions to materials and/or installations specified and/or stated in the Proposal documents, at least ten working days prior to the intended application.
- b) Submit information regarding the proposed substitution, including the reason for the change, the benefit to the Owner, manufacturer data sheets, independent test reports, performance differences compared with the specifications, and the amount of credit offered.

Project Meetings

- a) Attend a project start-up meeting between the Consultant and the Owner to discuss the work.

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- b) Attend regular site meetings with the Consultant and the Owner at a mutually agreeable time for the discussion of progress of the work and to resolve any difficulties.

Quality Assurance

- a) Make all measurements required to perform the work. Determine site dimensions and levels so that all new work is installed to correct sizes.
- b) Maintain all work completed or in progress in its condition as accepted.
- c) All work shall meet or exceed the manufacturer's requirements.

Construction Review

- a) The Contractor shall notify the Consultant and inspection and testing agents not less than 48 hours prior to each part of work being ready for review or testing. Work which requires review or testing shall not be performed on weekends or holidays unless previously agreed to.
- b) The Contractor shall be responsible for payment of costs if the work is not ready when stated and if the Consultant and inspection and testing agency are not given sufficient notice of such delay.
- c) The Owner reserves the right to deduct from the Contractor amounts for extra inspection and testing by the Consultant as required for certification of payment of work done to repair a deficiency.

Temporary Facilities

- a) Provide a means of direct communication with the site to permit continuous contact on a daily basis.
- b) Temporary electrical power for hand held equipment will be provided free of charge by the Owner. Arrange and pay for any usage and connection costs required for all other equipment. Do not connect to the building's power supply without written permission of the Owner.
- c) The existing water supply from existing hose bibs at the site may be used free of charge. Any water required in excess of this supply shall be metered and paid for by the Contractor. Be responsible for connecting to the existing services. Do not use fire system without written permission of building management. Advise Building Operations/Property Management of any procedures that may cause fire alarms to activate.

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- d) With the exception of safety/instruction signs and notices, no signs or advertising shall be permitted on the site or equipment except as authorized by the Owner. Safety/instruction signs and notices shall be posted in accordance with current Code requirements and local and municipal by-laws. Maintain approved signs and notices in good condition for duration of work.
- e) The Contractor is to provide storage of material and equipment. Should the Contractor require a temporary storage container to be located on site, the location of the storage location is to be approved by the Owner.
- f) Minimal parking will be provided on site by the Owner for the duration of the project. One parking spot will be made available during working hours in the staff parking lot. Additional parking will be coordinated, as available, with the site staff.

Materials and Equipment

- a) Deliver all materials to the site in their original unopened containers, with labels intact. Where applicable, check material expiry dates. Immediately dispose of all materials older than their expiration date away from the site.
- b) Store all materials and equipment in accordance with manufacturer's written requirements, and in a dry, secure and protected manner which will not overload the structure and shall prevent vandalism or unauthorized use. Storage locations shall be approved in advance by the Owner.
- c) Be responsible for the security of all materials and equipment. Make no claims for theft or damage to the Owner.
- d) Non-specified materials shall not be brought to site. Remove any non-specified materials from site within 24 hours upon request by the Consultant.

Waste Management

- a) Unless otherwise specified, salvaged material resulting from the Construction shall become the property of the Contractor who must dispose of it away from the site in a timely manner. Storage locations shall be approved in advance by the Owner.
- b) Separate recyclable and toxic waste materials from the waste stream. Deliver to a local waste management facility.

Deficiencies

For any deficiencies in the work, the Contractor shall submit a written proposal for the repair of the deficiency. If engineering design is required, a qualified Professional Engineer shall be engaged by the Contractor. All testing required shall be paid for by the Contractor.

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Project Closeout

- a) Clean site of all materials and debris created by the Construction. Clean all areas adjacent to the work of debris and materials generated during the work.
- b) Submit written acceptance that utility companies have inspected services to their satisfaction.
- c) Attend a final walk-through with the Owner and Consultant. The Consultant will record identified incomplete and deficient work on a punchlist.
- d) Make good all known deficiencies in the work.
- e) Notify Consultant of readiness for final inspection only after completion of these items.
- f) The Consultant will review completion of punchlist items during one review. Additional reviews required to check un-rectified deficiencies or work that remains incomplete will be charged back to the Contractor. These charges will be deducted by the Owner from the Contractor's progress payments and paid from those funds to the Consultant.

Emergencies

- a) In an emergency affecting or threatening the safety of life, the work or adjoining property, the Owner and Consultant have authority to stop the progress of the work.
- b) Provide the Owner and Consultant with the name and telephone number of a person that is available and may be contacted during off hours, weekends and holidays in case of emergency.

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4. SCOPE OF WORK**Purpose**

This RFP is being issued to obtain proposals from pre-qualified Respondents for the purposes of entering into a contract for the installation of a FIT compliant 75 kW photovoltaic system on the roof of Markham's YMCA located at 101 YMCA Blvd, Markham, Ontario. The Contractor shall provide and install the rooftop PV modules including racking, wiring, inverters, switchgear, grounding, etc.

The Contractor will also be responsible for all remaining FIT applications costs, equipment costs, installation costs, operational costs, connection costs and any fees imposed by authorities such as the OPA or the LDC.

General

- a) The 75 kW PV system shall be installed on the south sloped portion of the roof. Maintain a clearance of 3 m from the roof perimeter for maintenance and safety considerations.
- b) The collectors are expected to be mounted on racks that are mechanically fastened, with the tilt angle and latitude of the collectors optimized for solar electricity potential and snow shedding.
- c) The Contractor shall provide all applicable installation accessories such as racking and special fittings in order to mount the panels onto the roof.
- d) It is the Contractor's responsibility to evaluate the potential of the project site for generating solar electricity, including but not limited to, the solar exposure of the proposed site, the impact of snowfall on electricity generation, and requirements of local authorities, the Ontario Power Authority, the Ontario FIT program, Local Distribution Company (LDC) and other regulatory bodies.
- e) The Contractor shall be authorized to do business in the Province of Ontario, and shall have appropriate experience in obtaining all required approvals, permits and FIT contracts. The Contractor shall have appropriate experience in the installation and operation of roof-mounted photovoltaic (PV) systems, and have sufficient financial resources for these purposes.
- f) The Contractor will manage and deliver the engineering, equipment & materials procurement, installation, commissioning, and training.
- g) The equipment selection, electrical engineering, and module configuration/location shall be designed to maximize the 20 year revenue generation.

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- h) The Contractor and their sub-contractors shall be solely responsible for construction safety and for compliance with the rules, regulations and practices required by the applicable construction safety legislation. The Contractor and any subcontractors will agree to fulfill all obligations in compliance with the Occupational Health and Safety Act R.S.O 1990, c. o.1, and to take responsibility for any health and safety violations that may occur with respect to the design and construction of the PV facility.
- i) In addition to maintaining an open dialogue with the OPA and LDC for the purpose of facilitating the FIT contract, the Contractor will manage and bear any costs for all LDC and OPA chargeable processes & documents related to the project including but not limited to: the Local Distribution Company's (LDC) Connection Impact Assessment, OPA's Notice to Proceed, LDC's Generator Connection Agreement (or equivalent), and OPA's Commercial Operation (COD) processes.
- j) The Contractor will successfully obtain and bear the costs for all necessary permits and approvals to comply with safe practices including but not limited to ESA plans review and approval, Municipal Building Permit, and the Ministry of Labour's Notice of Project.
- k) The Contractor will conduct regular progress meetings involving all significant parties and team members.
- l) The Contractor will be responsible for the all connection related costs as stipulated by the LDC including any SCADA supply & installation costs, additional switchgear costs, and connection costs.
- m) The Solar PV System shall include web-based revenue-grade power monitoring complete with weather station.
- n) The Project will be considered 'completed' when Commercial Operation as specified by the Ontario Power Authority has been successfully achieved. At that time, a full set of As-built drawings and Operations & Maintenance Manuals will be provided to the Owner.

Feed In Tariff Contract and Regulatory Approval Procurement

- a) The Contractor will provide all OPA FIT coordination and all other required regulatory approvals.
- b) It is the Contractor's responsibility to ensure that the PV system meets the Ontario Power Authority (OPA) FIT requirements and the Owners specific FIT

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contractual requirements. The Contractor is responsible for costs associated with meeting or correcting the system to meet FIT requirements.

- c) The Contractor's responsibilities will include but are not limited to:
 - 1) Managing the FIT and permit application process including completion of all forms, preparation and procurement of any all required documentation for regulatory approvals and permits, communications with the OPA, and submission of the FIT application.
 - 2) Paying all required FIT applications fees and any other costs required to procure or prepare FIT application documentation. Security deposits which are to be paid by the Owner.
- d) The Contractor will make no commitments on behalf of the Owner without the Owner's prior written approval.
- e) The Contractor shall communicate to the Owner the status of the OPA FIT procurement process and any required regulatory approvals.
- f) If a FIT contract or regulatory approvals for the project described are not obtained, the Owner shall have the right to withdraw from the process and terminate the contract. Upon contract termination under the circumstances described in this paragraph, the Owner's obligation to the Contractor is limited to payment of the engineering and administration cost to be negotiated based on the pricing provided.

Roofing

- a. The existing built-up roofing system is original from 2006.
- b. Preliminary roof inspections have been performed and indicate that the roof is in good condition.
- c. The Contractor is responsible for a more in-depth review and report to be submitted as part of their proposal.
- d. PV design and installation should give consideration to future roof replacement.

Structural

- a) A preliminary structural review has been performed on the building indicating that the roof can support a 75 kW solar PV system.
- b) The Contractor is responsible for a preliminary review and report to be submitted as part of their Proposal describing the structural condition of the roof to support the proposed system.

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- c) As part of the system design, engage a professional engineer to perform and provide a report describing the structural condition of the roof to support the proposed system and the necessary support, if any, required. The design of the structure is to be in accordance with the current Ontario Building Code.
- d) The Contractor is responsible for all costs for the design, provision and installation of any additional roof support required for this project.
- e) The PV system must be mechanically fastened to the roof for seismic restraint. Installers must address this issue when determining the layout of the system. The respondent shall provide details of how they plan to install the system.
- f) The PV system must be designed to resist wind lateral loading. This system designed should be verified and approved by a licensed Professional Engineer.
- g) Collectors should be raised on support racking to limit snow piling due to drifting snow. Collectors should be supported on racking to provide a space of no less than 1 m between the roof and the bottom of the panels.

Design and Engineering

- a) It is the contractor's responsibility to design the PV system in order to optimize the system and achieve the desired capacity of 75 kW.
- b) The Contractor shall design a solar electric generating system appropriate for the rooftop of the building, including all related modifications to the building structure and electrical systems.
- c) The Contractor shall provide design documents to fully communicate and obtain approval for the design, installation, startup, commissioning, testing, and monitoring.
- d) The design of the facility and all associated equipment, structures and enclosures are to be in accordance with all applicable codes and standards and OPA and LDC requirements.
- e) The design shall not deviate from the Proposal with-out the approval of the Owner.

Pre-Construction Documentation

Prior to commencing work the following documentation will be provided to the Owner:

- a) A Performance Bond and Material & Labour Bond as specified.

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- b) A copy of the Building Permit issued by the Authorities having jurisdiction.
- c) A Workplace Safety & Insurance Board Clearance Certificate signifying that all assessments have been paid in full.
- d) An Insurance Certificate naming the Owner and the Consultant as additionally insured parties, as noted below; and

Construction

- a) The construction of the PV facility and installation of all associated equipment and structures will be done by qualified tradespeople and professionals, licensed and experienced in the work.
- b) The construction of the PV facility and installation of all associated equipment and structures will be managed by the Contractor's designated project manager who will act as the primary point of contact with the Owner.
- c) The Contractor will be responsible for monthly reports on progress to the Owner, and to coordinate with the Owner to resolve any issues that arise during construction that may affect the Owner's operations or reputation. The Contractor will proactively work with the Owner to identify and resolve potential issues and problems before they occur.
- d) Provide a means of communication with the Contractor and workers at the site to permit contact on a daily basis, and during off hours, weekends and holidays in case of emergency.

Documentation

Upon completion of installation, the Contractor shall provide an electronic copy of site specific operation, maintenance, and parts manuals for the solar system. The manuals shall cover all components and accessories supplied, and shall include maintenance, troubleshooting, test records, energy production expectations and safety precautions specific to the supplied equipment. The drawings shall include all modifications to the existing facility, structures, or features therein.

Maintenance

The Contractor shall provide a proposed maintenance plan, including maintenance schedule.

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APPENDIX A – PROPOSAL RESPONSE FORM

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APPENDIX B – SUPPLEMENTARY CONDITIONS