

**TOWN OF MARSHFIELD  
MASSACHUSETTS**



**REQUEST FOR PROPOSALS**

PROPOSALS SHALL BE SUBMITTED  
PRIOR TO 7:00 PM ON  
November 4, 2019

FOR

**LEASE OF REAL PROPERTY TO USE SITE  
FOR CONSTRUCTION, OPERATION & MAINTENANCE  
OF RENEWABLE ENERGY FACILITIES**

*Large Scale Ground Mounted Solar Photovoltaic Installation*

Town Administrator  
Marshfield Town Hall  
870 Moraine Street  
Marshfield, MA 02050

## **PART 1 – GENERAL PROPOSAL INFORMATION**

### **1.1 Notice**

The Town of Marshfield, acting through its Board of Selectmen, hereby seeks competitive bids for the lease of Town-owned real property to design, permit, construct, own and operate a commercial or utility class Large Scale Ground Mounted Solar Photovoltaic Installation (“Installation”) and associated equipment for the purpose of creating renewable electrical energy. The Town will consider an option to enter into a power purchase agreement to purchase energy created by the proposed Installation. The license shall be for a minimum term of twenty (20) years with options for two (2) five (5) year extensions.

To be considered, proposals must be received before 7:00 PM on November 4, 2019. The Town of Marshfield reserves the right to reject any or all proposals. MGL Chapter 25A shall govern all procedures related to energy management services and the license of the real property, as applicable.

Furnish Town with solar-generated electricity produced by the Systems power purchase agreement ("PPA"), for a term not to exceed twenty (20) years, that provides the Town with the maximum savings and/or offset for its electrical needs without increasing its current liabilities. The PPA is exempt from the procurement requirements contained in Chapter 30B pursuant to section 1(b) (33) of that chapter.

### **1.2 Invitation**

The Town of Marshfield, Massachusetts seeks competitive proposals for the license of certain Town-owned real property at the capped Landfill located at 23 Clay Pit Road, Marshfield, Massachusetts together with a non-exclusive easement for reasonable access for the purpose of designing, permitting, constructing, installing, owning, operating and maintaining a Large Scale Ground Mounted Solar Photovoltaic Installation and associated equipment (collectively hereinafter the “Installation”).

### **1.3 Proposal Submission Requirements**

To be considered, a proposal must be received before 7:00 PM on November 4, 2019, by the office of the Town Administrator. Late proposals will be returned unopened. An original and three (3) copies of the Proposal shall be placed in a sealed envelope marked on the outside as “Request for Proposals: License of Real Property for Construction of Renewable Energy Facilities - Large Scale Ground Mounted Solar Photovoltaic Installation” and delivered to:

Michael Maresco, Town Administrator  
Marshfield Town Hall  
870 Moraine Street  
Marshfield, MA 02050

## **4. Schedule**

Issue Request For Proposals	October 4, 2019
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Preproposal Conference and Site Tour	October 11, 2019
Close solicitation	November 4, 2019
Board of Selectmen select Developer	November 12, 2019

**5. Preproposal Conference and Site Tour**

There will be one tour of available site to be held on October 11, 2019. The site tour will start at 10 A.M. and end no later than 12 P.M. Transportation will not be provided to the site. Vendors are encouraged, but are not required, to attend the tour of the site.

**6. Addenda and Explanations**

Explanations desired by a Vendor may be requested of the Town in writing no later than October 16, 2019 at 4:00 P.M. (EST). If explanations are necessary, a reply shall be made in the form of an Addendum. A copy of any and all Addenda will be forwarded to all prospective vendors identified from the Vendor Contact Information Form.

Requests for clarification can be submitted to Michael Maresco, Town Administrator, by email at [mmaresco@townofmarshfield.org](mailto:mmaresco@townofmarshfield.org). The Town takes no responsibility for emails that are not received and suggests that those making the request confirm the receipt of any such request.

**7. Amendment and/or Cancellation of the RFP**

If this RFP requires an Amendment, written notice of the Amendment will be given to all prospective vendors identified from the Vendor Contact Information Form. Receipt of amendments must be acknowledged in writing by prospective vendors to Mr. Michael Maresco, Town Administrator. Acknowledgment by e-mail is permitted. The Town reserves the right to modify, amend or cancel this RFP if the Town determines, that it is in the best interest of the Town(s) to do so.

**8. Disclosure of Proprietary or Confidential Information**

Vendors must specifically identify those portions of their proposals, if any, which they deem contain confidential or proprietary information or trade secrets and must provide justification why such materials should not, upon request, be disclosed under a public records request, including the proper citations to the law supporting the exclusion from the mandatory disclosure under the Public Records Law of Massachusetts, M.G.L. Chapter 66.

**9. Incurred Expenses**

The Town is not responsible for any expenses that Vendors may incur in preparing and submitting proposals. All materials and documents submitted in response to this solicitation become the property of the Town and will not be returned.

**10. Conditions**

Each Vendor shall become fully acquainted with conditions relating to the scope and performance of the work under the contract. Vendors shall thoroughly examine and be familiar with the specifications.

The failure or omission of any Vendor to receive or examine the form, instrument, addendum, or other documents, or to be acquainted with existing conditions, shall in no way relieve the Vendor of any obligations with respect to this RFP or to the contract. The Town shall make all such documents available to Vendors upon request.

The Vendor shall make a determination as to conditions and shall assume all risk and responsibility and shall complete the work in and under conditions they may encounter or create, without extra cost to the Town.

**11. Disqualification of Vendor**

Although not intended to be an exhaustive list of causes for disqualification, any one or more of the following causes, among others, may be considered sufficient for the disqualification of a Vendor and the rejection of a bid:

- a) evidence of collusion among Vendors;
- b) questions of lack of competency as revealed by either experience or financial statements; and/or
- c) default on a previous contract for failure to perform.

**12. Withdrawal of Offer**

At any time prior to the solicitation due date and time a Vendor may withdraw their proposal by submitting a written request signed by a duly authorized representative. Withdrawals may be submitted via postal mail or special delivery service (i.e. Fed Ex, UPS, etc.) with a return receipt or signature required to indicate receipt of the withdrawal request.

**13. Licenses**

If required by law for the operation of the business or work related to this RFP, the Vendor and all sub-contractors must possess at the time of submittal all valid certifications and/or licenses as required by federal, state, and local laws.

**14. Security Deposit/Bid Bond**

All proposals shall include a Security Deposit of five thousand dollars (\$5,000.00) in the form of a certified, cashier's or bank check. The Security Deposits shall be returned upon the execution of the lease by the Town and the successful proposer.

**15. Nondiscrimination**

The Selected Vendor shall not discriminate against any person because of race, gender, age, disability, ancestry, religion, national origin, sexual preference, veteran status, or political affiliation or belief.

**16. Project Proposal**

The proposal shall include the following:

- a) a letter of intent outlining the proposer's interest in this project and the qualifications of the proposer to perform the scope of services;

- b) a clearly defined plan of services for completion of the project including a description of the proposer's internal operations, its management systems, a list of personnel with an organizational chart, and the names and qualifications of all personnel who will be assigned to the project. The plan of services shall include a description of the manner in which the proposer will fulfill the project, a schedule for completion of the scope of services with detailed timelines, a description of anticipated operation and maintenance services, and a discussion of financial capability to complete the project on schedule;
- c) resumes of the key individual(s) who will lead the project and listing of projects of similar nature performed by the proposer including contact names and current telephone numbers;
- d) signed disclosure of beneficial interests, non-collusion, and tax compliance certificate. (Form attached).
- e) Completed bid form, as described below.

**17. Bid Form**

The Proposer shall indicate the following on the Bid Form:

- a) the lowest cost of electrical energy (price/kWh) the Proposer is willing to provide the Town in a Power Purchase Agreement for an initial term of twenty (20) years and estimated annual energy production.

**18. Selection Methodology**

The Town will review and rank the submitted proposals using the evaluation criteria found in Section 1.19. The Town reserves the right to award the contract to the developer with the most advantageous proposal, taking into consideration all project evaluation criteria as well as energy price and production capacity.

The opening of the sealed envelopes shall not be construed as an acceptance of the Vendor's qualifications. The Town reserves the right to determine the competence and responsibility of a Vendor from its knowledge of the Vendor's qualifications or from other sources.

**19. Evaluation Criteria**

Proposals will be evaluated according to the following criteria:

- a) Completeness: Proposal completeness and adherence to format. Substantial conformity with the specifications and other conditions set forth in the request for qualifications.
- b) Experience: The firm's experience in designing, financing constructing and operating the Installation including, references of other contracts performed by the qualified providers.
- c) Project Team: The experience and quality of project personnel and the commitment of them to the proposed project.
- d) Certification: Department of Capital Asset Management (DCAM) Certificate of Eligibility (DCAM Form CQ7) and Update Statement (DCAM Form CQ3)
- e) Means and Methods: Methodology, including measurement and verification strategy of determining electricity generation
- f) Schedule: Time specified in the proposal for the performance of the contract.
- g) Responsibility: Documentation evidencing that the Developer is responsible, demonstrably possessing the skill, ability and integrity necessary to faithfully perform the work called for by a particular contract, based upon a determination of competent workmanship and financial soundness in accordance with the provisions of section 44D of chapter 149.

h) Bid Amount: A purchase option which optimizes all available incentives and provides the greatest value to the Town.

20. The winning bidder shall be obligated to negotiate a Payment in Lieu of Taxes (PILOT) Agreement with the Town of Marshfield.

21. **Proposal Format:**

The Bidder must completely and accurately fill out the attached Official Bid Form and any necessary attachments. Any blanks or non-responses shall be considered official NO-BIDS to those sections. The following format below is required for your Proposal:

- i. Tab A Company Background
- ii. Tab B Executive Summary
- iii. Tab C DCAM Certification and Supplier Diversity
- iv. Tab D QA Management Program
- v. Tab E Program Philosophy and Statement of Understanding
- vi. Tab F Organization Chart (including Key Personnel and Teaming Information)
- vii. Tab G Construction Safety Program
- viii. Tab H Subcontractor Strategy
- ix. Tab I Company Locations and Resources
- x. Tab J Commercial Response
- xi. Tab K Enabling Technology
- xii. Tab L Official Bid Form & Attachments

22. **Quality**

The service provider must have and provide documentation of a clearly defined quality management system which will ensure the highest quality standards are achieved for the construction, operation, and maintenance. The bidder should provide relevant information pertaining to the quality management systems they operate and how this quality management system will control the quality of items and services to meet the requirements of relevant codes and standards.

- Contractor shall develop and provide a quality assurance/quality control (QA/QC) plan. Minimum elements to be included are:
  - Organization
  - Training
  - Administration
  - Documentation and reporting
  - Design (by phases)
  - Construction and installation
  - Subcontractor compliance
  - Inspection requirements and documentation
  - Third party testing and inspections
  - Procurement
  - Identification, control, and resolution of unsatisfactory or nonconforming materials or conditions

- Procedures (design, operation, and construction) to ensure that installations are performed in a manner that minimizes downtime and ensures timely and safe production.
- Procedures to ensure that installations are verified and documented to conform with design documents.
- A means for identifying/tracking/resolving all deviations from design and specification documents.

**23. Safety**

The contractor shall have designated full time corporate EH&S professional responsibility within company. The contractor should provide relevant information pertaining to the safety management systems they operate. Contractor shall develop and provide a Site Specific Safety Plan which will be overseen by Contractor’s proposed safety manager/representative (Resumes/CVs to be reviewed and included in the proposal.) Minimum elements to be included in the Project Specific Safety Plan are:

- Organization
- Training and Orientation
- Administration
- Documentation and reporting
- Subcontractor Compliance
- Inspection requirements and documentation
- Electrical safety plan
- Site specific safety procedures for planned work elements
- Emergency Action Plan
- Accident investigation and reporting procedures

**PART 2 – SCOPE OF WORK**

**2.1 PROJECT SPECIFICATIONS**

1. The Town will license the parcel of land located at 23 Clay Pit Road, Marshfield, to a Large Scale Ground Mounted Solar Photovoltaic Installation energy developer (“developer” or “selected firm”) for the purpose of constructing and operating the Installation. The parcel (Exhibit 1) includes approximately 8 acres of land; however, the amount licensed will be determined in negotiation with the Selected Firm.
2. The developer shall attend periodic meetings to discuss the project, provide progress updates, and make presentations to boards and committees as required. Some meetings may be conducted outside of normal business hours. All travel and related expenses for this project are to be included in the Proposer’s offer.
3. The Developer will be required to meet all local planning and zoning requirements (Exhibit 4) and will be responsible for all permits, taxes, and related costs.
4. Upon execution of the Net Metering Power Sales Agreement, the developer shall be required to post a bond or letter of credit with a minimum rating of “A-k” with the Town in the amount of \$500,000.00 to ensure proper removal of the equipment in the event of default, bankruptcy or dissolution of the developer which causes the equipment to be abandoned for a period of more than six (6) months.
5. If applicable, License shall begin accruing upon the execution of the Net Metering Power Sales Agreement and Lease.

6. Concurrent with the filing of the building permit application, the Developer shall submit a report by a qualified professional engineer or other appropriate professional who shall certify the structural integrity of the proposed Installation.
7. The developer shall enter into a Net Metering Power Sales Agreement substantially in the form attached hereto as Exhibit 3 to the Town for a term up to 20-years. Said Agreement shall be for the license of the Property and the provision of electricity as a result of the Installation.
8. The successful Developer will be required to indemnify and hold harmless the Town of Marshfield for any damage to life or property that may occur due to its negligence or that of its employees, contractors, subcontractors (if any) or agents. Further, the Developer will maintain commercial general liability insurance with limits of not less than two million dollars (\$2,000,000.00) per occurrence, four million dollars (\$4,000,000.00) in the aggregate, which policy will name the Town as an additional insured.
9. All contracts for construction of the Installation shall be provided to the Town prior to the issuance of the building permit. The Town reserves the right to request that said contracts be assignable in the event of dissolution of the Developer.
10. The work performed as a result of this RFP will be conducted on a capped landfill under the control of the Town of Marshfield but subject to DEP permits. In accordance with such permits, the Town must undertake periodic monitoring of the landfill. Any and all work performed as a result of this RFP must accommodate all required testing including but not limited to access to all monitoring sites and wells.
11. The successful Developer will be required to file an application for BWP-SW36 Post Closure Use Major Modification for construction of the Installation on the landfill. The application and accompanying documents shall stipulate requirements for the repair and restoration of the landfill cap if required. These requirements, as well as any conditions set by DEP shall be the responsibility of the bidder.
12. The protection of the landfill cap is of the utmost importance to the Town. The Town is ultimately responsible for the integrity of the cap in accordance with DEP permits. Accordingly, the successful Developer will propose an Installation in which the individual components do not puncture the landfill cap.

## **2.1. Requirements**

See Attachment 1.

- END -



**BID FORM**

*(Please note that Sections A, B, and C are required. This Form and any attachments must be placed in a separate envelope from the Project Proposal and marked "Bid Form.")*

A. The undersigned proposes to license town owned land (as described below) located at \_\_\_\_\_, Marshfield, MA to construct, operate, and maintain a Large-Scale Ground-Mounted Solar Photovoltaic Installation and associated equipment (as described below) ("Installation") and pay the Town of Marshfield:

B. The undersigned proposes to construct and operate the following:

Proposed Installation\*: \_\_\_\_\_

Nameplate capacity (kW) \_\_\_\_\_ XXX \_\_\_\_\_ XXX \_\_\_\_\_

Estimated average annual energy production \_\_\_\_\_ (MWh/year)

Guaranteed annual energy production \_\_\_\_\_ (MWh/year)

*\*The Proponent shall provide the following basic hardware information in the proposal and a schematic showing the placement of the hardware on the site.*

*The information is to include:*

***Panels:***

- *Manufacturer*
- *Model number*
- *Module wattage*
- *Panel count*
- *Array tilt*
- *Warranty information*

***Inverters:***

- *Manufacturer*
- *Model number*
- *Number and size to be installed*
- *String size and quantity*
- *Warranty information*

***Mounting system:***

- *Specify system of array anchoring/ballasting. The mounting system must not puncture the landfill cap.*

***Utility Grade Metering:***

- *Specify system*

The Proponent is to provide a target schedule using Day 0 as day contract/easement is signed and complete the following:

<i>Contract signature date</i>	0
<i>Permitting begins</i>	0 + _____ days
<i>Final design plans complete</i>	0 + _____ days
<i>Equipment ordered</i>	0 + _____ days
<i>Construction begins</i>	0 + _____ days
<i>Electrical generation begins</i>	0 + _____ days

C. Power Purchase Agreement

Bidder offers to sell the Town energy from the Installation over a term of twenty (20) years, at the following rate:

Year 1 \_\_\_\_\_ \$/kWh

Annual Escalation \_\_\_\_\_ % per year

Alternate bid to sell the Town energy from the Installation over a term of twenty (20) years, at the following rate with no escalation:

Year 1-20 \_\_\_\_\_ \$/kWh

Name of Vendor: \_\_\_\_\_

Description of Proposed Licensed Area:

The Town will license a parcel of land located at Assessor's Map \_\_ Lot \_\_ (the "Parcel"), to a solar energy developer ("Developer" or "Selected Firm") for the purpose of constructing and operating a Large-Scale Ground-Mounted Solar Photovoltaic Installation. The Parcel includes approximately \_\_ acres of land; however, the amount leased will be determined through negotiation with the Selected Firm.

**CERTIFICATE OF NON-COLLUSION**

The undersigned certifies under penalties of perjury that this proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this Certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity or group of individuals.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

+++++

**CERTIFICATION AS TO COMPLIANCE WITH TAX LAWS**

I, the duly authorized representative of \_\_\_\_\_ certify under the pains and penalties of perjury that said \_\_\_\_\_ has complied with all laws of the Commonwealth of Massachusetts relating to taxes.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

+++++

**DISCLOSURE OF BENEFICIAL INTERESTS**

The undersigned certifies under penalties of perjury that this proposal for a Large Scale Ground Mounted Solar Photovoltaic Installation has been made and submitted with the below as required by Chapter 7, Section 40J of the General Laws of Massachusetts. The following names and addresses represent all persons who have or will have a direct or indirect beneficial interest in parcel \_\_\_\_\_ if the Town of Marshfield offers to lease a portion of the parcel to the undersigned:

Name

Address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**REQUIREMENTS**

**1. General**

The Town of Marshfield seeks the installation of a modern, cost-effective, Large-Scale Photovoltaic Ground-Mounted Solar Facility.

The contractor performing the work will be required to adhere to a ground pressure performance standard in order to ensure that the crane and all other construction equipment do not exert ground pressures that would induce localized settlement within the construction area.

**1. Other Required Items**

- a) Evidence of bond capability of at least the value of construction from a surety company licensed to do business in the Commonwealth and whose name appears on United States Treasury Department Circular 570. Please provide the cost or fee your firm will charge for the performance and payment bonds as a percentage of the construction costs.
- b) Form of legal entity and year entity was established.
- c) Describe any changes in ownership status over the past ten (10) years.
- d) Other entity names, if any.
- e) Ultimate parent company, if applicable.
- f) Federal Tax Identification Number for Developer
- g) Financial Statements. Please submit a detailed financial report prepared in accordance with generally accepted accounting principles (GAAP) reflecting the current (as of the most recent financial statement date) financial condition of the Developer. Such report must include a balance sheet, income statement and statement of cash flows, along with applicable footnotes, dated concurrently for at least each of the last preceding three years ending on the most recent fiscal quarter such statements were prepared. Public entities or subsidiaries should attach SEC Form 10-K along with, as applicable, detailed unaudited statements for the Submitting Entity. Non-public entities may attach either unaudited financial statements or copies of tax forms and schedules that are filed with the Internal Revenue Service where applicable.
- h) Performance Guarantee. Describe the form of guarantee that the Developer will be providing in respect of the Project, and its associated cost. If a corporate guarantee backstop by a parent company or credit enhancement by a financial institution is anticipated, please provide a letter from the parent company or financial institution, indicating that such credit enhancement is available, the terms of such credit enhancement and the credit rating of the guarantor.
- i) Lawsuits and Disputes. Discuss whether your firm has ever been involved in a lawsuit or dispute regarding a contract. If so, please provide all such incidents and describe the circumstances and outcomes of such lawsuit or litigation. Further, please discuss whether your firm has been barred from providing performance contracting or other services in any states.

**2. General Reputation and Performance Capabilities**

- a) Describe the general reputation and performance capabilities of the firm and explain how these characteristics translate to optimizing results for the Awarding Authority.
- b) Provide the number of years Developer has been engaged in providing like services.
- c) Describe the experience the Developer has had with municipalities, particularly in the Northeast and specifically in Massachusetts. Developer shall demonstrate by example its experience constructing and operating Large Scale Photovoltaic Ground Mounted Solar Facility similar to the facility included in this RFP. Please list at least five (5) examples of similar projects in the Northeast, and if possible, specifically in Massachusetts.
- d) Provide the number of projects and aggregate dollar value of projects implemented by Developer each year for the past five (5) years, including the value of the guarantees related to such projects and any shortfall in savings related to such projects.
- e) Provide the number of full-time personnel employed by the Developer. Please segment the data, as appropriate, into categories of personnel providing services, Operations/Maintenance Services and Equipment Installation Services.
- f) Provide the number of full-time personnel located in any applicable local or branch office to be utilized for the (Awarding Authority)'s project, and the site address of that local or branch office.

**3. Experience and Project References**

- a) Fully describe five (5) contracts that Developer has implemented within the last five (5) years. Provide a table summarizing Developer's projects and indicate the services performed in connection with each. A table similar to the following would be preferred:

Project name/ type of property	Yr	Location	Services						
			Study	Financ'g	Constr.	Monitor	G'tees	Technology	Other

- b) Identify similar projects in type, size or scope to the facility described in this RFP.
- c) Identify projects that have been managed by individuals who Developer anticipates will be assigned to this project. Discuss the level of technical/economic expertise of the staff. Provide resumes of the project team members and indicate which branch office each project team member is

assigned. For each project team personnel, please list the current projects such employee is currently involved with and the status of the project. Please provide an organizational chart.

- d) Provide detailed project information for all five (5) including: customer name, project dates, total project cost at proposal stage, total final project cost, projected annual electricity generation, actual realized annual cost savings to date, and any annual savings shortfalls. Developer must also indicate whether the project was completed on schedule and on budget, and if not, explain the reasons for such delay or budget noncompliance.

Project name/type of property
Brief description of property
Years started and ended
Location
Total installed project costs
Source of funds
Services provided
Performance guarantee model
Owner
Designer or Engineer
Electric generation units and dollars for each project
Actual savings or shortfalls in generation and dollars for years to date
Developer's comments and other pertinent information
Owner's contact(s) name, address and telephone number

- e) Provide a strategy for measuring and verifying electricity generation.

Provide references for the Developer and references for each key person proposed in the submittal to be part of the project team, including the proposed role for each such individual. Please include the names, addresses, email addresses and telephone numbers for reference. It is understood that the Town may contact any or all references provided regarding the project and personnel performance as part of the RFP submittal review process.

## 5. Construction and Commissioning

- a) State Developer's proposed construction schedule.
- b) Discuss Developer's project management protocols to ensure schedule adherence, including willingness to post liquidated damages for delays and performance shortfalls.
- c) Describe Developer's reporting and client liaison protocols to be employed throughout the construction process.
- d) Discuss the role Developer takes in managing and supervising subcontractors, including but not limited to the work performed during occupied and unoccupied times.
- e) Describe Developer's approach to handling construction debris, recycling, and disposition.

f) For any design work conducted by third-party experts, please identify whether Developer takes engineering risk including stamping engineering submittals.

The Selected Firm shall be responsible for completing an application for Building, Electrical and Interconnection as required. The successful bidder shall be responsible for complying with all conditions set in all permit approvals. This includes the Department of Environmental Protection permit(s) which describe protection of the landfill cap. The Selected Firm will be responsible for obtaining a building permit, electrical permit, and any permits necessary for completion of the project that have not already been obtained by the Town. The Selected Firm is responsible for ensuring that the construction and operation of the Installation shall be consistent with all applicable local, state and federal requirements, including but not limited to all applicable safety, construction, environmental, electrical, communications, and zoning requirements.

#### **6. Methodology of Determining and Guaranteeing Electricity Generation**

M.G.L. c.25A, §11C requires that methods for monitoring, measurement, and verification of guaranteed electricity generation shall conform to the most recent Performance Measurement & Verification Protocol (IPMVP) and standards established by the Federal Energy Management Program of the U.S. Department of Energy.

Describe in detail the firm's methodology for monitoring, measuring and verifying electricity generation and explain how this approach will minimize risk and maximize return for the Town over the course of up to 20 years.

#### **7. Power Generation**

- a) Describe Developer's experience in analysis, design, installation and follow-up services of power generation facilities.
- b) Describe size and type of system, economic and physical connection with the grid, cogeneration and other pertinent information, installation requirements, fuel proposed and commodity agreements, if any, regulatory parameters which may impact the system or which, if changed, could impact the system, follow-up services and other pertinent information.
- c) Provide specifications for equipment and materials proposed including brand, model numbers, manufacturer's specification sheets, warranties and related information.
- d) Describe the potential for a web based interactive component of the electric generation.

#### **8. Service and Maintenance**

In your responses to the following, include a description of Developer's experience with ensuring that equipment warranties and maintenance records are maintained and the requirements of the performance guarantee for generation is met.

- a) Describe Developer's capability to provide ongoing service and maintenance.
- b) Provide the numbers of accessible truck based service and maintenance professionals and describe their level of training and experience.

### **ELECTRICITY DATA**

Energy consumption data required under 225 CMR 10.03(1)(a)(6):  
[insert energy consumption data]