



NEW ENGLAND CLEAN ENERGY REQUEST FOR PROPOSAL APPLICATION FORM

APPLICANT INFORMATION

Applicant: **Canton Mountain Wind, LLC**

Address: **549 South Street**

Quincy, MA 02169

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A handwritten signature in black ink that reads "Todd Presson".

SECTION 1 OF APPENDIX B TO THE RFP – CERTIFICATION, PROJECT AND PRICING DATA

The Certification, Project and Pricing Data (“CPPD”) document is a Microsoft Excel workbook that is provided on the website at www.cleanenergyrfp.com.

SECTION 2 OF APPENDIX B TO THE RFP – EXECUTIVE SUMMARY PROPOSAL (INCLUDING THE BASE PROPOSAL AND ANY ALTERNATIVE PROPOSALS)

The bidder is required to provide an executive summary of the project proposal that includes a complete description of the proposed project, the proposed contract term and pricing schedule, and other factors the bidder deems to be important.

Patriot Renewables, LLC (“Patriot”) submits this proposal in response to the Request for Proposal for renewable energy power purchase agreement (“RFP”) issued on November 12, 2015 by Connecticut Department of Energy and Environmental Protection (CT DEEP), Unitil, National Grid, NSTAR, and WMECO, and National Grid in Rhode Island (“Soliciting Parties”).

Canton Mountain Wind, LLC (“CMW”) is an affiliate of Patriot and a project-specific company that has been formed under the laws of the Commonwealth of Massachusetts.

Canton Mountain Wind (the “Project”) consists of eight General Electric (“GE”) 2.85 MW wind turbines for a total of 22.8 MW. The Project is expected to produce approximately xx,xxx MWh (confidential) of clean, renewable energy each year (p50). The Project will connect to the grid via a 3.4-mile, 34.5 kV privately owned transmission line to a substation near Ludden Lane in Canton that was built for Patriot's Saddleback Ridge Wind project in 2014. The substation is adjacent to Central Maine Power’s (CMP) existing 229 Line. At the substation the power will be stepped up to 115 kV for transmission.

ISO-NE approved a Large Generator Interconnection Agreement (LGIA) for the 22.8 MW project effective September 25, 2013. A recent extension to the interconnection timeline was approved by ISO-NE to extend commercial operation date to November 1, 2017.

Permits for the Site Location of Development and the Natural Resources Protection Act (NRPA) were issued from the Maine Department of Environmental Protection (DEP) in June 2014 and all appeals have been resolved. Authorization under the Army Corps of Engineers General Permit was issued in September 2013 and is pending reauthorization per the Corps' issuance of their new 2015-2020 General Permit.

CMW has secured land rights for the entire Project, consisting of approximately 1,730 acres of leased land, access and transmission easements, and sound easements with area landowners.

Patriot hired DNV-GL, a highly experienced wind energy independent engineering company, to conduct an energy assessment of the Project. This confidential study is available in Attachment A. The DNV-GL energy assessment includes the location of the meteorological towers, planned turbine locations (see Figure 2-1 of the DNV-GL energy assessment), an analysis of available wind data and the resulting energy resource estimate. A detailed breakdown of loss factors is included in Table 5-3 of the DNV-GL energy assessment.

This will be Patriot's fourth wind energy project. With its three operating wind projects in Maine, Patriot achieves high availability at competitive rates. The operational curtailment and transmissoin problems that have plagued other projects in Maine have not affected Patriot's generally smaller-sized projects.

Patriot is proposing to sell to the Soliciting Parties a 20-year contract for wind energy and Renewable Energy Certificates (“RECs”) produced by Canton Mountain Wind's wind site.

The following pricing information is confidential and will be redacted from the public version:

**XX
XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.**

Please note that we are part-owner of a former Air Force radar facility in Moscow, ME. This property has been leased to an unaffiliated entity that intends to submit a proposal in response to this RFP. Patriot's role in that project is limited to that of land leaser.

SECTION 3 OF APPENDIX B TO THE RFP – OPERATIONAL PARAMETERS

- 3.1 Maintenance Outage Requirements - Specify partial and complete planned outage requirements in weeks or days. Also, list the number of months required for the cycle to repeat (e.g., list time interval of minor and major overhauls, and the duration of overhauls). (Not applicable for bids for Firm Qualified Clean Energy from a Large Scale Hydro Resource)

Scheduled maintenance of the turbines will be conducted approximately every six months and significant outages are not required. Maintenance is typically done on one turbine at a time, without significantly reducing the output of the project.

The project will be staffed during business hours on weekdays. Technicians will also be on-call 24 hours a day, seven days a week in the event that unscheduled site visits or maintenance is needed. The turbines will be remotely monitored on a continuous basis by the manufacturer or another contracted company experienced in remote turbine monitoring.

- 3.2 Operating Constraints - Specify all the expected operating constraints and operational restrictions for the project (i.e., limits on the number of hours a unit may be operated per year or unit of time). (Not applicable for bids for Firm Qualified Clean Energy from a Large Scale Hydro Resource)

The operating constraints for CMW are minimal, and CMW's wind turbines have no limits on the number of hours they can be operated. Potential reasons for downtime include maintenance (scheduled and unscheduled), force majeure events such as high or low wind speeds or icing, grid curtailment, and bat curtailment (see below).

CMW's DEP permit requires the project to adjust its operating limits to minimize the potential impact to bats. (While the risk to bats is low, the Maine DEP now requires this of all new wind projects.) The wind turbines' unadjusted cut-in wind speed is 3 m/s and cut out occurs at 25 m/s. CMW's permit requires the following cut-in speed increases at night (defined as 30 minutes before sunset to 30 minutes after sunrise): (i) 5 m/s from April 20 to June 30 and from October 1-15; and (ii) 6 m/s from July 1 to September 30. The rest of the year, cut-in speeds are 3 m/s.

Patriot hired DNV-GL, an independent engineering company highly experienced in wind energy analysis, to conduct an energy assessment of the Project. A detailed breakdown of loss factors, including losses associated with bat curtailment, is included in Table 5-3 of the DNV-GL energy assessment (a confidential study).

The risk of grid curtailment at CMW is very low. DNV-GL studied the likelihood of grid curtailment for the affiliated Saddleback Ridge Wind Project ("Saddleback"), which shares Canton Mountain Wind's point of interconnection. In July 2013, DNV-GL finalized a curtailment study commissioned by Patriot. The curtailment study indicates that there is little to no risk of curtailment of the Project. A copy of this confidential and CEII provisional curtailment study can be found in Attachment B.

- 3.3 Reliability - Describe how the proposal would provide enhanced electricity reliability within the States of Connecticut, Massachusetts and Rhode Island, including its impact on transmission constraints.

The Project will enhance electricity reliability by providing a measure of capacity to the New England electric grid while reducing dependence on fossil fuels which are subject to price volatility and geopolitical influences. The addition of wind power to the region creates downward pressure on spot market prices and thus improves the overall economic health of the region. The Project will serve load in the region; therefore, with adequate wind resources at Canton Mountain during system peak load conditions, the Project will reduce peak load on the grid. This is particularly helpful in winter, when demands for natural gas are high due to heating needs, and supply is constrained. Finally, the long-term power purchase agreement ("PPA") offered in this RFP will add a measure of pricing stability and predictability to electricity rates in New England.

- 3.4 Moderation of System Peak Load - Describe how the proposal would contribute to moderating system peak load requirements. If the project is an intermittent resource, please provide the following information:
- i) Estimated average output for each summer period (June- September) from 1:00 - 6:00 pm
 - ii) Estimated average output for each winter period (October-May) from 5:00 – 7:00 pm

As referenced in CMW's 12 X 24 grid (Confidential Attachment C), the average peak load during the summer period is xxxx MWh/year. The average peak load during the winter period is xxxx MWh/year.

- 3.5 Development Stage of Facility - Describe whether the project is in operation, in construction or in the development phase.
- (a) If in operation, when did the project achieve initial operation and commercial operation?
 - (b) If in construction, when did construction commence and what are the projected dates for initial testing commercial operation.

- (c) If the project is partly in one development stage and partly in another, please explain in detail the status of the project.

The Project is in the final phases of development. Permits for the Site Location of Development and the Natural Resources Protection Act (NRPA) were issued from the Maine Department of Environmental Protection (DEP) in June 2014 and all appeals have been resolved. Authorization under the Army Corps of Engineers General Permit was issued in September 2013 and is currently pending reauthorization under the new 2015-2020 General Permit.

CMW has a signed interconnection agreement with ISO-New England and Central Maine Power, as well as a signed Turbine Supply Agreement with GE for the Project's wind turbines. In addition, CMW has secured land rights for the entire Project, consisting of approximately 1,730 acres of leased land, access and transmission easements, and sound easements with area landowners.

All major development milestones have been achieved aside from reauthorization under the Army Corps General Permit, which is anticipated in 2016, and securing a PPA. Once those two milestones have been achieved, the Project will be able to secure financing and proceed to construction.

If the proposed project is an expansion, repowering, environmental investment or other modification of an existing Facility, please describe the project in detail, the total installed cost and cost on a \$/kW basis specifying the existing project and the proposed expansion, repowering or other modification. Indicate any incremental or decremental capacity.

SECTION 4 OF APPENDIX B TO THE RFP – ENERGY RESOURCE PLAN

For Eligible Facilities, the bidder is required to provide an energy resource or fuel supply plan for its proposed project, including supporting documentation. The fuel supply/energy resource profile information should be consistent with the type of technology/resource option proposed and the term proposed. The information requested is organized according to the type of project or energy resource. Bidders should respond only to relevant questions.

4.1 Wind Energy Projects

Provide a summary of all collected wind data for the proposed site. Identify when the data was collected and by whom.

Two meteorological towers (“Met Tower 1” and “Met Tower 2”) were installed at the Project site on the Canton Mountain ridgeline and collected wind data between June 2010 and March 2014. Met Tower 1 collected over 3 years of valid data; Met Tower 2 collected just less than one year of valid data.

Patriot retained DNV-GL to filter and analyze the wind data. Based on the wind data collected, DNV-GL produced an energy assessment for the Project. The DNV-GL energy assessment, provided in Attachment A (confidential), considered identical site layouts using two different turbine models – the GE 2.85-103 that will be used in the Project, and an alternate turbine model the GE 3.2-103 turbine. The DNV-GL energy assessment includes the location of the meteorological towers, planned turbine locations (see Figure 2-1 of the DNV-GL energy assessment), an analysis of available wind data and the resulting energy resource estimate.

Indicate where the data was collected and its proximity to the proposed site. Include an identification of the location and height for the anemometers that were used to arrive at an assessment of the site generation capability.

Met Tower 1 was a 60m NRG XHD tower installed in June 2010 near turbine location 6 on the southern end of the ridgeline that collected data until March 2014. Met Tower 2 was a 60m NRG XHD tower, installed in January 2012, between turbine location 1 and 2, on the northern end of the ridgeline. Met Tower 2 collected data until February 2013.

Both towers were equipped with six anemometers installed in pairs at 60m, 50m, and 40m; wind vanes installed at 58m and 48m; and a temperature sensor. In addition, Met Tower 2 had a vertical anemometer installed at 58m to analyze wind inflow angle.

Provide (a) at least one year of hourly wind resource data, or (b) a wind resource assessment report from a qualified resource assessment firm or meteorologist, or (c) - both. Include an

analysis of the available wind data which addresses the relationship between wind conditions and electrical output. Provide a projection of net annual energy production, including projections of average net hourly energy production, based on the wind resource data (a 12 x 24 energy projection).

The DNV-GL energy assessment is located in Attachment A (confidential). The net annual energy production according to DNV-GL's assessment is xx,xxx MWh (confidential - p50). Table 5-3 (page 20) of the energy assessment outlines the energy loss factors and net output, and the 12 x 24 energy projection can be found on page 59.

Provide a site-adjusted power curve. Each curve should list the elevation, temperature and air density used.

The site-adjusted power curve for the GE 2.85-103 turbine is shown in Attachment D (confidential). Average air density under conditions at the Project site is approximately 1.194 kilograms per meter cubed ("kg/m3") and would therefore produce similar results to those seen in Attachment D (confidential) for an air density of 1.2 kg/m3.

Identify the assumptions for losses in the calculation of projected annual energy production, including each element in the calculation of losses.

Table 5-3 (page 20) of the DNV-GL energy assessment (Attachment A - confidential) outlines the energy loss factors and net output.

4.2 Landfill Gas

Provide a gas production forecast for each landfill. Provide a table that shows the annual, monthly and hourly projection of gas flow and energy export from each landfill.

N/A

Provide supporting data that illustrates the expected generation from each landfill based on the projected gas production.

N/A

Describe any contingencies or constraints that could affect the availability of fuel or the energy resource for the project and any contingency plans for meeting projected generation levels.

N/A

If the landfill gas is provided by pipeline, provide information related to gas pipeline delivery, including gas pipeline interconnection points of the landfills delivering the gas into the pipeline system.

N/A

4.3 Biomass

Describe specifically how the project will conform to: (1) Conn. Gen. Stat. Sec. 16-1(26) and Connecticut Public Act 13-303, An Act Concerning Connecticut's Clean Energy Goals, governing resources using biomass fuel, including how your fuel source complies with Conn. Gen. Stat. Sec. 16-1(26); (2) the Massachusetts biomass laws and regulations M.G.L. c. 25A, § 11F, and 225 CMR 14.00; and/or Chapter 39-26 of the Rhode Island General Laws.

N/A

Provide a resource assessment of available biomass fuel for the proposed project and its proximity to the project site.

N/A

Provide a plan for obtaining the biomass fuel, including a transportation plan.

N/A

Provide any contracts or letters of intent to acquire and transport the biomass fuel.

N/A

Demonstrate that projected energy output for the project over the term of the contract is consistent with the energy supply available.

N/A

Describe any contingencies or constraints that could affect the availability of fuel or the energy resource for the project and any contingency plans for meeting projected generation levels.

N/A

4.4 Solar

Provide an assessment of the available solar incidence or resource. Describe any trends in generation capability over time (i.e., annual decline rate of expected output).

N/A

Describe the methodology used to generate the projected generation and describe the in-house or consulting expertise used to arrive at the generation estimates.

N/A

4.5 Hydropower

Describe the project characteristics in terms of water flow (on a monthly basis) and head, and state the assumptions regarding seasonal variations, and a conversion of such flow into megawatts and megawatt-hours.

N/A

Provide monthly flow duration curves based upon daily stream flow records.

N/A

Identify if the project is run-of-river or has storage capability.

Run-of-river ☐ Storage capability

Specify if the project is new, or an expansion of an existing facility.

New ☐ Expansion ☐

Specify if the energy would qualify as Tier I Renewable Generation. If the project already has Tier I certification, provide or reference the documentation providing such qualification. If the project does not have Tier I certification; (1) describe the actions proposed to be taken by the bidder to accomplish such qualification; or (2) describe how the project meets the requirements of Section 4 of the Connecticut Public Act 13-303 or Section 1(c) of Connecticut Public Act 15-107.

Tier I Renewable Generation ☐ or Description:

N/A

The bidder must disclose in its bid how they propose to certify that the environmental attributes are included with the energy delivered.

N/A

4.6 Fuel Cell

Describe how the natural gas for the Fuel Cell will be procured and whether its energy will be delivered on a firm or non-firm basis for the term of the agreement.

Natural gas source(s)

Firm ☐ Non-firm ☐

Provide supporting data that illustrates the expected generation from the fuel cell considering the need for restacking.

N/A

4.7 Other

Identification of fuel supply (if applicable).

What is the availability of the fuel supply?

Does the bidder have any firm commitments from fuel suppliers? If so, please provide a copy of any agreements with confidential information redacted if necessary. Yes: ☐ No: ☐

N/A

SECTION 5 OF APPENDIX B TO THE RFP – FINANCIAL/LEGAL

Bidders are required to demonstrate the financial viability of their proposed project. Bidders should provide the following information:

- 5.1 Provide a description of the business entity structure of the bidder's organization from a financial and legal perspective, including any general and limited partners, officers, directors, managers, members and shareholders, involvement of any subsidiaries supporting the project, and the providers of equity and debt during project development. Provide an organization chart showing the relationship between the equity participants and an explanation of the relationships. For jointly owned facilities, identify all owners and their respective interests, and document the bidder's right to submit a binding proposal.

Patriot's approach to successfully developing wind energy projects is supported by its affiliated companies as set forth in the organizational chart located in Attachment E. Patriot is a Massachusetts limited liability company personally held by Jay M. Cashman. Patriot manages and finances the development process, and coordinates financing and construction activities to ensure a seamless transition to operations. CMW, also a Massachusetts limited liability company personally held by Jay M. Cashman, will be the contracting party for the PPA. Jay Cashman, Inc., an affiliate of Patriot and CMW, provides construction, engineering, and financial support for the Project. The relationship with Jay Cashman, Inc. is a strategic advantage because design and construction oversight are managed by a related general contractor with many years of experience in the heavy civil contracting business. Equity will be provided by Jay M. Cashman, although Cashman may seek a financial partner at some point during construction or operation. Customers Bank will provide term debt for the project. When CMW reaches commercial operations, Patriot will manage the performance of the plant, typically via subcontracts with O&M service providers.

- 5.2 For projects that include new facilities or capital investment, provide a description of the financing plan for the project, including construction and term financing. The financing plan should address the following:

- i. Who will finance the project and how it will be financed

We anticipate Customers Bank will provide construction and term debt for the project. They have provided similar financing for two of Patriot's other wind projects. A letter of interest from Customers Bank can be found in Attachment F.

- ii. The project's projected financial structure

During construction, capital will be provided by a construction loan and owner's equity. At commercial operation, the construction loan will be converted to a long-term capital structure consisting of: a term loan of non-recourse debt equal to approximately 60% of the total project cost, and project equity for the remaining capital.

- iii. Expected sources of debt and equity financing

Jay M. Cashman and/or partner(s) will provide the required equity. We anticipate Customers Bank will provide debt financing for the remaining portion of the project.

- iv. Estimated construction costs

The Project is projected to cost approximately \$46.5 million.

- v. The projected capital structure

The Project is expected to have a 60% debt to equity ratio. The transaction will be underwritten to a P50 debt service coverage ratio of 1.5 to 1.

- vi. Describe any agreements entered into with respect to equity ownership in the proposed project and any other financing arrangement.

None. The project is currently 100% owned by the developer, Jay M. Cashman.

In addition, the financing plan should address the status of the above activities as well as the financing of development and permitting costs. All bidders are required to provide this information.

Development and permitting are essentially complete; remaining costs are negligible. Funding for development and permitting of the Project was provided by Jay M. Cashman. To date, approximately \$x,xxx,xxx (confidential) has been spent on project development. Once a PPA is executed, CMW will finalize debt financing arrangements with Customers Bank.

- 5.3 Provide documentation illustrating the experience of the project sponsor in securing financing for projects of similar size and technology. For each project previously financed provide the following information:

- i. Project name and location

- ii. Project type and size
- iii. Date of construction and permanent financing
- iv. Form of debt and equity financing

Project Experience 1:

Beaver Ridge Wind – Freedom, ME

- **4.5 MW nameplate capacity – three 1.5 MW GE wind turbines**
- **Construction started in June 2008 and the project reached commercial operation on October 29, 2008.**
- **The total project cost, including interconnection, was \$11.4 million. Permanent financing was secured in August 2008, by private equity and recourse debt. Jay M. Cashman provided the equity and Sovereign Bank provided a 15-year term loan.**
- **The site was constructed under budget.**

Project Experience 2:

Spruce Mountain Wind – Woodstock, ME

- **20 MW nameplate capacity – ten 2.0 MW Gamesa G90 wind turbines**
- **Construction started in June 2011 and the project reached commercial operation in December 2011.**
- **The total project cost was \$47.6 million. Patriot secured non-recourse debt financing with Flagstar Bank. All equity for Spruce Mountain Wind was provided by Jay M. Cashman.**
- **The site was constructed under budget.**

Project Experience 3:

Saddleback Ridge Wind – Carthage, ME

- **34.2 MW nameplate capacity – twelve 2.85 MW General Electric wind turbines**
- **Construction started in February 2014 and was completed in two phases. The project reached full commercial operation in September 2015.**
- **The total project cost was \$80.1 million. Patriot secured debt financing with Customers Bank, Cambridge Savings Bank, and Webster Bank in March 2014. Equity was provided by Jay M. Cashman and a financial partner.**
- **The site was constructed almost one million dollars under budget.**

- 5.4 For projects that include new facilities or capital investment, provide evidence that the bidder has the financial resources and financial strength to complete and operate the project as planned.

Attachment F includes a letter of interest from Customers Bank. Financial statements from JCI Holdings are included in 5.5 below.

- 5.5 Provide copies of the most recent audited financial statement or annual report for each bidder for each of the past three years; including affiliates of the bidder (if audited statements are not available, unaudited statements are to be provided). Also, provide the credit ratings from Standard & Poor's and Moody's (the senior unsecured long term debt rating or if not available, the corporate rating) of the bidder and any affiliates and partners.

Please find JCI Holdings most recent audited financial statement for 2012, 2013, and 2014 in Attachment G (confidential).

JCI Holdings, Inc. and Project affiliates are privately held companies and are not rated.

- 5.6 The bidder should demonstrate its ability (and/or the ability of its credit support provider) to provide the required security, including its plan for doing so.

JCI Holdings will provide a corporate guarantee or letter of credit to backstop any PPA. Jay Cashman, Inc. has a xxxxxxxxx single limit and a xxxxxxxxx aggregate bonding capacity (confidential).

- 5.7 Provide a description of any current or recent credit issues/ credit rating downgrade events regarding the bidder or affiliate entities raised by rating agencies, banks, or accounting firms.

None. JCI Holdings, Inc. and Project affiliates are privately held companies and are not rated.

- 5.8 Describe the role of the Federal Production Tax Credit or Investment Tax Credit (or other incentives) on the financing of the project.

CMW will qualify for the Federal Production Tax Credit (“PTC”) or Investment Tax Credit (“ITC”), providing that the project commences construction in 2016 as planned.

- 5.9 Bidders must disclose any pending (currently or in the past three years) or threatened litigation or disputes related to projects developed, owned or managed by bidder or any of its affiliates in the United States, or related to any energy product sale agreement.

None.

- 5.10 What is the expected operating life of the proposed project?

The expected operating life of the Project is 20 years.

- 5.11 For projects that include new facilities or capital investment, has the bidder already obtained financing, or a commitment of financing, for the project? Is such financing or financing commitment contingent on obtaining a long-term agreement, such as one that would be obtained if the bidder’s proposal is accepted? If financing has not been obtained, explain how obtaining a long-term agreement as proposed will help you in obtaining financing for the proposed project or in obtaining more favorable terms for the financing of the proposed project.

Equity will likely be provided by JCI Holdings, Inc., an affiliate of Patriot Renewables. A debt-financing commitment, likely with Customers Bank, is contingent on execution of a long-term power purchase agreement.

- 5.12 State whether the bidder or its affiliates have executed agreements with respect to energy, RECs and/or capacity for the project (including any agreements that have been terminated) and provide information regarding the associated term and quantities, and whether bidder has been alleged to have defaulted under or breached any such agreement.

None.

- 5.13 Description of bidder and all affiliated entities and joint ventures transacting business in the energy sector.

The Project will be registered to affiliate Spruce Mountain Wind, LLC, as Lead Market Participant for the asset in ISO New England. However, CMW will assume Lead Market Participant responsibilities for the Project and will subcontract day-to-day market participant functions to a third-party consultant (e.g. Energy New England, the entity that currently performs lead market participant duties for Patriot's Spruce Mountain Wind and Saddleback Ridge Wind projects).

- 5.14 Has bidder, or any affiliate of bidder, in the last five years, (a) consented to the appointment of, or was taken in possession by, a receiver, trustee, custodian or liquidator of a substantial part of its assets, (b) filed a bankruptcy petition in any bankruptcy court proceeding, (c) answered, consented or sought relief under any bankruptcy or similar law or failed to obtain a dismissal of an involuntary petition, (d) admitted in writing of its inability to pay its debts when due, (e) made a general assignment for the benefit of creditors, (f) was the subject of an involuntary proceeding seeking to adjudicate that Party bankrupt or insolvent, (g) sought reorganization, arrangement, adjustment, or composition of it or its debt under any law relating to bankruptcy, insolvency or reorganization or relief of debtors.

No.

- 5.15 Briefly describe any known conflicts of interest between bidder or an affiliate of bidder and any Soliciting Party, or any affiliates of the foregoing.

None.

- 5.16 Describe any litigation, disputes, claims or complaints involving the bidder or an affiliate of bidder, against any Soliciting Party or any affiliate of any Soliciting Party.

None.

- 5.17 Describe any litigation, disputes, claims or complaints, or events of default or other failure to satisfy contract obligations, or failure to deliver products, involving bidder or an affiliate of bidder, and relating to the purchase or sale of energy, capacity or renewable energy certificates or products.

None.

- 5.18 Confirm that bidder, and the directors, employees and agents of bidder and any affiliate of bidder are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction involving conspiracy, collusion or other impropriety with respect to

bidding on any contract, or have been the subject of any debarment action (detail any exceptions).

Patriot Renewables, JCI Holdings, Inc., Jay Cashman, Inc., and Jay M. Cashman are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction involving conspiracy, collusion or other impropriety with respect to bidding on any contract, or have been the subject of any debarment action.

- 5.19 Identify all regulatory and other approvals needed by bidder to execute a binding sale agreement.

None.

- 5.20 Describe how the project will conform to FERC's applicable regulatory requirements, including, but not limited to, FERC requirements relating to allocation of transmission capacity and open access, the justness and reasonableness of rates, the potential for undue preference or discrimination, and affiliate dealings, if any.

The Project will obtain market-based rate authority from FERC and will retain Qualified Facility (QF) status and obtain Exempt Wholesale Generator (EWG) status if necessary. The project will be able to sell energy (and capacity) into the ISO-NE market. The rates for service to the offtaker(s) will be made pursuant to the market-based rate authority and on a non-discriminatory basis. The project will file all required reports with FERC, including electric quarterly reports, identification of interlocking directorates, if any, and will comply with all other FERC requirements. All affiliates of Canton Mountain Wind will be identified in its market-based rate application and any changes of status will be reported to FERC in accordance with FERC's rules.

SECTION 6 OF APPENDIX B TO THE RFP – SITING, INTERCONNECTION, AND DELIVERABILITY

This section of the proposal addresses project location, siting, real property rights and interconnection issues. Bidders should ensure that the threshold criteria outlined in Section 2.2 of the RFP for generation and interconnection siting are verified in their responses.

- 6.1 Provide a site plan including a map of the site that clearly identifies the location of the Eligible Facility site and/or Transmission Project route, the assumed right-of-way width, the total acreage for Eligible Facilities, the anticipated interconnection point (or, if applicable, multiple points for a Transmission Project), and the relationship of the site to other local infrastructure, including transmission facilities, roadways, and water sources. In addition to providing the required map, provide a site layout plan which illustrates the location of all major equipment and facilities on the site.

Site plan included? Yes ☒ No ☐ If not, please explain:

A site plan can be found in Attachment H. This includes the location of the wind turbines, operations and maintenance building, point of interconnection, and transmission lines. The Project's perimeter is outlined and the wind energy generation facility is located on approximately 1,730 acres of land in Canton, Oxford County, Maine. Ludden Lane is an existing road; additional road construction will take place to ensure the roads are wide enough for safe transport of project components.

- 6.2 Provide evidence (including applicable documentation) of the right to use the Eligible Facility site and/or Transmission Project route, including, for Eligible Facilities, and any rights of way needed for interconnection.
- i. Does the project have a right to use the Eligible Facility site and/or Transmission Project route for the entire proposed term of the PPA or tariff (e.g., by virtue of ownership or land development rights obtained from the owner)?

Yes ☒ No ☐ If not, please explain:

Patriot has secured full access and site control to construct and operate the Project through lease agreements and access easements. Rights to use the transmission line corridor and collector substation built for Saddleback Ridge Wind will be leased to the Project from affiliate Saddleback Ridge Wind, LLC, and this agreement is in the process of being finalized.

Copies of the lease agreements can be found in Attachment I. Agreements related to road and transmission access can be found in Attachment J.

- ii. If so, please detail the bidder's rights to control the Eligible Facility site and/or Transmission Project route control.

Road access to the project is from the southwest, starting on Ludden Lane off Canton Point Road. Access to Ludden Lane is secured via access easements. Canton Point Road is bounded on the east by Maine Route 140 and on the west by Maine Route 2. Affiliate Saddleback Ridge Wind, LLC has constructed an eight-mile mountainside transmission line that runs south, parallel to Canton Mountain, to a new substation that was constructed for the Saddleback Ridge Wind project. Canton Mountain Wind will interconnect at this substation, with transmission corridor rights being covered by both project leases and an agreement with affiliate Saddleback Ridge Wind, LLC, which will lease approximately 2.8 miles of transmission right-of-way and substation access to CMW to interconnect the Project.

- iii. Identify any real property rights (e.g., fee-owned parcels, rights-of-way, development rights or easements or leases) that are required for access to the Eligible Facility site and/or Transmission Project route or for interconnection. Describe the status of acquisition of real property rights, any options in place for the exercise of these rights and describe the plan for securing the necessary real property rights, including the proposed timeline. Include these plans and the timeline in the overall project timeline.

All outside leases and access easements have been executed. We have secured a total of three land leases (from landowners Brann, Thorndike & Sons, and Helen Industries) as well as several abutter and access easements. Copies of leases and easements can be found in Attachments I & J.

- 6.3 Provide evidence that the Eligible Facility site and/or Transmission Project route is properly zoned or permitted. If the Eligible Facility site and/or Transmission Project route is not currently zoned or permitted properly, identify present and required zoning and/or land use designations and permits and provide a permitting plan and timeline to secure the necessary approvals.

Detail the zoning and permitting issues:

All required permits for the Project have been obtained. The project is located in an organized town, which is recognized as an expedited permitting area in western Maine for state permitting. In 2007, standards for expedited wind permit review through the Site Location of Development Act ("Site Law") were established for specific areas of Maine. Expedited permitting areas were identified in portions of the unorganized territories and all organized towns, including Canton, Maine where the Project is located. The Project received its combined permit from the Maine DEP on June 17, 2014.

The permit is included as Attachment K. Patriot's permit application is available at <http://www.maine.gov/dep/land/sitelaw/selected-developments/>

FAA permits have been approved and located in Attachment BB.

The Town of Canton, Maine does not have local zoning; therefore, town permits are not required to construct and operate the Project. Attachment L details a letter from Town of Canton Planning Board member, Kathleen Hutchins confirming no local zoning is required.

Permitting plan and timeline:

Local permitting is not required. State permitting is complete and FAA permitting is complete. The Federal Army Corps permit is undergoing reauthorization due to a change in general permit language issued in late 2015. See section 7.2 for timeline.

Start date: N/A Completion date: N/A

- 6.4 Provide a description of the area surrounding the Eligible Facility site and/or Transmission Project route, including a description of the local zoning, flood plain information, existing land use and setting (woodlands, grasslands, agriculture, other).

Current land use in the project area consists of undeveloped, privately owned forest land and commercial forestry operations in the vicinity of the proposed access road, ridgeline, and transmission line. The topography in the project area ranges from relatively flat, at the lower elevations and in the vicinity of the O&M building, to moderate and steep side slopes that climb from roughly 1,000 feet to 1,600 feet above sea level. The ridgeline between the northernmost and southernmost proposed turbines ranges in elevation from 1,324 feet to 1,538 feet above sea level.

- 6.5 For Eligible Facilities, describe and provide a map of the proposed interconnection that includes the path from the generation site to the ISO-New England Pool Transmission Facilities ("PTF"). Describe how the bidder plans to gain interconnection site control.

Interconnection map included? Yes ☒ No ☐ If not, please explain:

A site plan of Canton Mountain Wind can be found in Attachment H and includes the location of interconnection and the transmission path from the wind turbines.

Rights to use the transmission line corridor and collector substation built for Saddleback Ridge Wind will be leased to the Project from affiliate Saddleback Ridge Wind, LLC.

Interconnection site control plan:

The part of the substation CMW will interconnect to is owned by CMW affiliate Saddleback Ridge Wind and was built with CMW in mind. A substation contract with Saddleback Ridge Wind and CMW has been signed. The affiliate parties are in the process of finalizing their land and access use agreements.

- 6.6 Please describe the status of any planned interconnection to the grid. Has the bidder made a valid interconnection request to ISO-New England Inc. ("ISO-NE"), the applicable New England Transmission Owner, or any neighboring control areas? Describe the type of interconnection service requested, i.e., Capacity Network Resource Interconnection Service, Capacity Network Import Interconnection Service or Network Resource Interconnection Service or Network Import Service.

The Project signed a small generator interconnection agreement with ISO-NE and Central Maine Power Company on January 16, 2012 for seven GE 2.75 turbines (19.25 MW). A new large generator interconnection request was filed on February 21, 2013 for an up-rate of 3.55 MW. The 3.55 MW request included an increase in the rating of the seven GE 2.75 MW turbines to 2.85 MW each, plus the addition of an eighth GE 2.85 MW turbine. ISO-NE approved the up-rate and determined that there will be no need for further study. Patriot has completed a revised Large Generator Interconnection Agreement (LGIA) for a 22.8 MW project effective September 25, 2013. An amendment to the interconnection agreement updating the project's interconnection schedule was executed in April 2014. The Project has been approved as a capacity network resource.

On October 26, 2015 CMW submitted a request to ISO-NE to extend its project milestones by one year for a commercial operation date of November 1, 2017 due to an Army Corps (Corps) permitting delay (see Section 7.2). This delay was approved on November 19, 2015 by ISO-NE. See approval letter in Attachment M.

- 6.7 Describe the Project's electrical system performance and its impact to the reliability of the New England Transmission system. For Transmission Projects provide a description of how the project would satisfy ISO-NE's I.3.9 requirements. Provide the status of any interconnection studies already underway with ISO-NE and/or the transmission owner.

Provide a copy of any studies completed to date. Provide a copy of an interconnection agreement, if any, executed by the bidder with respect to the proposed project. If an interconnection agreement has not been executed, please provide the steps that need to be completed before an interconnection agreement can be executed and the associated timeline.

Performance and its impact:

The Project will enhance electricity reliability by providing a measure of capacity to the New England electric grid and reducing dependence on fossil fuels which are subject to price volatility and geopolitical influences. In 2013 Patriot contracted with DNV-GL, a highly experienced wind energy independent engineering company, to review the likelihood of curtailment for the affiliated Saddleback Ridge Wind Project (Saddleback), which shares Canton Mountain Wind's point of interconnection. The curtailment study indicates that there is little to no risk of curtailment of the Project.

Given the centralized wind energy forecasting system recently implemented by ISO New England, day-ahead energy forecasts for wind power are reasonably reliable (i.e., a Mean Absolute Error of 10-15% of the project nameplate rating, according to ISO New England), and this is expected to improve over time. This forecasting system allows ISO-NE to accommodate the natural variability in this resource so that it can be fully utilized to suppress wholesale pricing. The addition of wind power to the region creates downward pressure on spot market prices and thus improves the overall economic health of the region.

The Project serves load in the region; therefore, with adequate wind resources at Canton Mountain during system peak load conditions, the Project will reduce peak load on the grid. This is particularly helpful in winter, when demands for natural gas are high due to heating needs, and supply is constrained. Finally, the long-term power purchase agreement ("PPA") offered in this RFP will add a measure of pricing stability and predictability to electricity rates in New England.

Attachments:

Copy of completed studies attached: ☒ If none, please explain:

A copy of the confidential/CEII curtailment study can be found in Attachment B.

Copy of Interconnection Agreement attached: ☒ If none, please explain:

The confidential/CEII LGIA and LGIA amendment can be found in Attachment N.

- 6.8 Provide the electrical models of all energy resources supporting the proposed project in accordance with the filing requirements of the ISO-NE Tariff Schedule 22 and 23.

Electrical models attached: ☐ If none, please explain:

Patriot has selected General Electric as the supplier for generation equipment for the Project and will use eight GE 2.85-103 model turbines. GE is the largest provider of wind turbines in North America and a world-wide leader in wind energy turbine sales and operations.

Electrical models in accordance with filing requirements of the ISO-NE Tariff Schedule 22 and 23 will be furnished if CMW's bid is short-listed.

- 6.9 Provide a copy of an electrical one-line diagram showing the interconnection facilities and the relevant facilities of the transmission provider.

Electrical one-line diagram attached: ☒ If none, please explain:

The electrical one-line diagram located in Attachment O (confidential and CEII).

- 6.10 Specify and describe the current or new interconnection facilities (lines, transformers, switching equipment, system control protection, etc.) that bidder owns or is intending to construct or have constructed in order to deliver the proposed energy.

The Project will interconnect to the regional grid at the Ludden Lane Substation built for the Saddleback Ridge Wind Project.

Power from the turbines will be collected in a 34.5-kilovolt (kV) underground electric collector line system buried within the ridgeline road work limits. The underground collector line will transition to an aboveground transmission line on the access road approximately 0.6 miles down from the new ridgeline access road. From there it will continue aboveground, mounted on wood poles, for approximately 1.6 miles roadside along the upgraded logging road until it reaches the transmission line corridor for the Saddleback Ridge Wind Project (Maine Department of Environmental Protection [Maine DEP] license L-25137-24-A-N / L-25137-TG-B-N). Poles will be placed within the existing transmission corridor and travel 1.1 miles to the Ludden Lane Substation. For approximately 1,410 feet

of this corridor, lines from both projects will occupy one set of poles; there will be two sets of poles in the rest of the corridor. Placing the transmission line within the existing Saddleback Ridge Wind corridor will result in no additional right-of-way clearing or permanent wetland impacts.

6.11 Incremental data requirements for Projects that include Transmission facilities;

1. IDV file(s) in PSSE v32 format modeling only the new/modified Transmission components of the project: ☐ If none, please explain.

N/A

2. If the bidder does not use PSSE, provide in text format necessary modeling data as follows:

- Line Data:

Voltage	Thermal Ratings	Impedances (R, X and B)
---------	-----------------	-------------------------

Line: From	To
(bus numbers and names)	

N/A

- Transformer data: (including Phase shifting transformers if applicable):

Terminal Voltages	Thermal Ratings	Impedance
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From	To	(bus numbers and names)
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N/A

- Reactive compensation models as necessary:

N/A

- Other changes to the model that would occur due to a Project such as terminal changes for lines/transformer/generator leads/loads etc.:

N/A

SECTION 7 OF APPENDIX B TO THE RFP – ENVIRONMENTAL ASSESSMENT, PERMIT ACQUISITION PLAN AND TIER 1 CERTIFICATION

This section addresses environmental and other regulatory issues associated with project siting, development and operations.

- 7.1 Provide a list of all the permits, licenses, and environmental assessments and/or environmental impact statements required. If a bidder has secured any permit or has applied for a permit, please identify in the response.
- i. Provide a list of all Federal, state and local permits, licenses, and environmental assessments and/or environmental impact statements required to construct and operate the project.

A listing of all permits filed and pending can be found in Attachment P.

- ii. Identify the governmental agencies that will issue or approve the required permits, licenses, and environmental assessments and/or environmental impact statements.

Permits and governmental agency details can also be found in Attachment P.

- 7.2 Provide the anticipated timeline for seeking and receiving the required permits, licenses, and environmental assessments and/or environmental impact statements. Include a project approval assessment which describes, in narrative form, each segment of the process, the required permit or approval, the status of the request or application and the basis for projection of success by the milestone date. All requirements should be included on the project schedule in Section 10.

All permits, licenses, and environmental assessments have been completed. Please see detailed background below. The only pending permitting item is the reauthorization of CMW's General Permit (GP) from the U.S. Army Corps of Engineers, which is described below.

Federal Permits

The Project received its General Permit (GP) from the U.S. Army Corps of Engineers on September 13, 2013 (Attachment Q). On October 13, 2015, the Army Corps revised language in its general permit, or GP, rules (Attachment R). These changes affect everyone with a GP issued by the Army Corps from 10/12/2010 through 10/12/2015, including Canton Mountain Wind. The new rules contain an exception in Condition 38c that requires reauthorization of an existing permit if work has not commenced and a new federally listed threatened or endangered species could be affected.

Since Canton received its GP, the northern long-eared bat has been federally listed, and the Corps is therefore required to reconsult with US Fish and Wildlife Service (USFWS) pursuant to Section 7 of the Endangered Species Act. We expect the Corps to reissue our permit, although it may include additional conditions relating to the northern long-eared bat, including restricting the project clearing work to winter months (when bats are not present).

Recently, the USFWS issued its final rule 4(d) for the northern long-eared bat. It clarifies that incidental take is not prohibited except for tree removal and then only if it (i) occurs within 0.25 miles of a known hibernacula, or (ii) cuts or destroys known occupied maternity roost trees during the pup season (June 1 through July 31). CMW poses neither of these impacts, and we therefore anticipate a timely reauthorization.

We are currently in the process of scheduling initial meetings with the Corps and USFWS to begin the consultation process.

Because construction cannot start until this permitting delay is resolved, we were authorized a one-year delay in our construction schedule by ISO-NE to allow for construction of the project in 2017, as well as clearing work during the winter of 2016-17, if required by the Army Corps.

FAA permits are held and located in Attachment BB.

State Permits

In 2007, following a study entitled Governor's Task Force on Wind Development, Maine enacted legislation to facilitate the development of wind energy. Through this process, standards for expedited wind permit review through the Site Location of Development Act ("Site Law") were established for specific areas of Maine. Expedited permitting areas were identified in portions of the unorganized territories and all organized towns, including Canton, Maine where the Project is located.

This review process provides consistency in the application process and permitting standards, and acts as a guideline for developers to successfully and responsibly permit a wind facility. Patriot applied for expedited permits under the Site Location of Development Act ("Site Law" and the Natural Resources Protection Act ("NRPA") in December of 2011.

The Project received its combined permit from the Maine DEP on June 17, 2014. The permit is included as Attachment K.

Local Permits

No local permits are required. The Town of Canton, Maine does not have local zoning; therefore, town permits are not required to construct and operate the Project (see Attachment L – Letter from Canton Selectman).

- 7.3 Provide a preliminary environmental assessment of the site and project, including both construction and operation, as applicable. In addition, the bidder should identify environmental impacts associated with the proposed project, any potential impediments to development, and its plan to mitigate such impacts or impediments. The analysis should address each of the major environmental areas presented below, as applicable to the proposed project:

- i. Impacts during site development
- ii. Transportation infrastructure
- iii. Air quality impacts
- iv. Access to water resources/water quality impacts
- v. Ecological and natural resources impacts
- vi. Land use impacts
- vii. Cultural resources
- viii. Previous site use (e.g., greenfield, brownfield, industrial, etc.)
- ix. Noise level impacts
- x. Aesthetic/visual impacts
- xi. Transmission infrastructure impacts
- xii. Fuel supply access, where applicable
- xiii. Interconnection facilities

A comprehensive environmental assessment can be found in our Department of Environmental Protection permit issued in June 2014 located in Attachment K.

Please refer to the following pages of Canton's DEP permit for each item as requested above:

i. Impacts during site development: Page 40

ii. Transportation infrastructure: Page 2

iii. Air quality impacts: Page 49

iv. Access to water resources/Water quality impacts: Page 35, Page 37, Page 44

v. Ecological and natural resources impacts: Page 26

vi. Land use impacts: Page 47

vii. Cultural resources: Page 22, Page 35

viii. Previous site use: Page 1 & 4

ix. Noise level impacts: Page 8

x. Aesthetic/visual impacts: Page 20

xi. Transmission infrastructure impacts: Page 26, Page 37

xii. Fuel supply access: N/A

xiii. Interconnection facilities: Already built from Saddleback Ridge Wind

- 7.4 Provide documentation identifying the level of public support for the project including letters from public officials, newspaper articles, etc. Include information on specific localized support and/or opposition to the project of which the bidder is aware. Provide copies of any agreements with communities and other constituencies impacted by the project, and a plan for community outreach activities, and discuss the status of that plan.

The Town of Canton has demonstrated their support by way of vote. In 2012, the Town of Canton was presented with a moratorium that was ultimately defeated. Please find a letter of support from the Canton Board of Selectman in Attachment S. Public support is also detailed on page 5 of our DEP permit in Attachment K.

As described on page 64 of the Project's DEP permit (Attachment K), the Project will establish and make annual payments to a Community Benefit Fund for the Town of Canton in the amount of \$32,000 annually for the first 15 years of operation and \$48,000 for each subsequent year the Project is in operation. The neighboring Town of Dixfield will also receive \$10,000 in the first year of operation, and \$2,000 annually thereafter for the life of the Project.

MREA, Maine Renewable Energy Association has also shown support for the Project in a letter located in Attachment CC.

- 7.5 For bids that include Tier 1 Qualified Clean Energy, provide documentation demonstrating that the project was or will be qualified as a Tier 1 Class I renewable energy source under Conn. Gen. Stat. Section 16-1(20) as amended by Connecticut Public Act 13-303; M.G.L. c. 25A, § 11F, and 225 CMR 14.00; and/or R.I.G.L. § 39-26-1 and Rules and Regulations Governing the Implementation of a Renewable Energy Standard. If the facility is already in operation, please indicate when the facility received such qualification.

The Project cannot be qualified as a Tier 1 Class I resource until it is commercially operational. However, Canton's sister project, Saddleback Ridge Wind, qualified as a Tier 1 Class I renewable energy source under Conn. Gen. Stat. Section 16-1(20) effective April 1, 2015. Because Canton is also a wind project using the same turbines and the same point of interconnection as Saddleback Ridge Wind, Patriot is confident the Canton project will also qualify as a Tier 1 Class I renewable energy source. Please find documentation illustrating Saddleback's Connecticut Class I status in Attachment T.

- 7.6 Identify any existing, preliminary or pending claims or litigation, or matters before any federal agency or any state legislature or regulatory agency that might affect the feasibility of the project or the ability to obtain or retain the required permits for the project.

The Maine DEP permit was appealed to the Law Court by a single individual; however, it was dismissed by the court on January 30, 2015, without harm to the project. The appeal is included in Attachment U along with the order dismissing appeal. There are no other existing, preliminary, or pending claims or litigation, or matters in regards to CMW.

SECTION 8 OF APPENDIX B TO THE RFP – ENGINEERING AND TECHNOLOGY, COMMERCIAL ACCESS TO EQUIPMENT

This section includes questions pertinent to the engineering design and project technology. This section must be completed for a project that includes new facilities or capital investments. Bidders should provide information about the specific technology or equipment including the track record of the technology and equipment and other information as necessary to demonstrate that the technology is viable.

- 8.1 Provide a reasonable but preliminary engineering plan which includes the following information:
- i. Type of generation technology, if applicable
 - ii. Major equipment to be used
 - iii. Manufacturer of the equipment
 - iv. Status of acquisition of the equipment
 - v. Whether the bidder has a contract for the equipment. If not, describe the bidder's plan for securing equipment and the status of any pertinent commercial arrangements
 - vi. Equipment vendors selected/considered
 - vii. History of equipment operations
 - viii. If the equipment manufacturer has not yet been selected, identify in the equipment procurement strategy the factors under consideration for selecting the preferred equipment

Patriot has contracted with General Electric (“GE”) for the supply of eight GE 2.85 MW wind turbines for the Project. This model is currently used at our Saddleback Ridge Wind project site. Patriot has entered into a Turbine Supply Agreement (TSA) with pricing guaranteed through 2015 and are in the process of renewing the TSA into 2017.

GE is the largest provider of wind turbines in North America and a world-wide leader in wind energy turbine sales and operations. The GE 2.85-103 turbine is made from the same major components as the GE 2.5xl turbine. The 2.85-103 model is an upgrade of the existing 2.5xl model, done to increase the nameplate capacity. This turbine is the next evolution of GE’s reliable 1.5-MW platform (the turbines installed at our Beaver Ridge Wind project), and incorporates improvements and ideas that GE has developed over the last decade, including a more robust 2-bearing design that reduces stress and wear on the gearbox and a partial conversion doubly-fed induction generator that maximizes production and efficiency. GE’s 2.x fleet has over 600 units installed and operational, with more than 6,000,000 operating hours as of January 2016.

The longest lead item is the turbine components. We expect a lead time of approximately six to eight months for these. Construction for the project will begin in 2016 and will be completed in 2017. The turbine order will be placed in time to allow for delivery to the site and erection by August 2017.

Patriot has direct experience working with the GE 2.85-103 turbines through the Saddleback Ridge Wind project that was completed in September 2015. (Three of those turbines have been operational since December 2014). Patriot also has experience with GE 1.5 turbines at its Beaver Ridge Wind project and Gamesa's G90 2-MW turbines at its Spruce Mountain Wind project.

- 8.2 If the bidder has not yet selected the major generation equipment for a project, please provide a list of the key equipment suppliers under consideration.

GE's 2.85 MW wind turbines have been selected.

- 8.3 Please identify the same or similar equipment by the same manufacturer that are presently in commercial operation including the number installed, installed capacity and estimated generation for the past three years.

Patriot currently has twelve GE 2.85-103 wind turbines (34.2 MW nameplate capacity) installed at Canton's sister site, Saddleback Ridge Wind, LLC. The first three turbines became operational in December 2014 with the final nine reaching commercial operation September 16, 2015. From then to January 16, 2016, the site has generated 36,536 MWh of clean, renewable power.

Beaver Ridge Wind, LLC, another affiliated company, consists of three GE 1.5 MW wind turbines (4.5 MW nameplate capacity) and became operational in November 2008. From 2013-2015, Beaver Ridge Wind has generated 35,744 MWh of clean, renewable power.

- 8.4 For less mature technologies, provide evidence (including identifying specific applications) that the technology to be employed for energy production is ready for transfer to the design and construction phases. Also, address how the status of the technology is being considered in the financial plan for the project.

Twelve GE 2.85-103 turbines have been successfully installed at Patriot's Saddleback Ridge Wind project, and are currently operating with 94.6% availability for the month of December 2015. GE's 2.x turbine fleet has over 600 units installed and operational, with more than 6,000,000 operating hours as of January 2016.

- 8.5 Please indicate if the bidder has secured its equipment for the project. If not, identify the long-lead equipment options and describe the timing for securing equipment.

Patriot executed a turbine supply contract for the project in August 2013. The longest lead item is the turbine components, for which we expect a lead time of approximately six to eight months. Construction for the project will begin in 2016 and will be completed in 2017. The turbine order will be placed in time to allow for delivery to the site and erection in August 2017.

SECTION 9 OF APPENDIX B TO THE RFP – OPERATION AND MAINTENANCE

Projects that can demonstrate that the operation and maintenance (“O&M”) plan, level of funding, and mechanism for funding will ensure reliable operations during the term of the contract or the tariff are preferred.

- 9.1 Provide an O&M plan for the project that demonstrates the long term operational viability of the proposed project. The plan should include a discussion of the staffing levels proposed for the project, the expected role of the project sponsor or outside contractor, scheduling of major maintenance activity, and the plan for testing equipment.

The Project is expected to be in operation for 20 years or more.

Patriot anticipates that the Project will require a full-time, on-site staff of two or three technicians, although some of these technicians may be shared with other sites located in the vicinity (e.g., Saddleback Ridge Wind). Initially, General Electric will maintain the turbines in accordance with a standard O&M agreement that covers an initial term of 5 years and an option to extend for an additional 5 years. After the term of the O&M agreement has expired, O&M services from General Electric may be extended, or an experienced third-party O&M company may be contracted to continue the work. In addition to turbine technicians, Patriot expects to have at least three employees involved on a part-time basis overseeing Project operations to ensure that the Project is operating smoothly and efficiently, to manage compliance with ISO-NE reporting requirements, and to administer billing and accounting functions for the Project.

Scheduled maintenance of the turbines will be conducted every six months. During the initial maintenance contract period (five to ten years, depending on whether the O&M agreement is extended), maintenance will be conducted by the manufacturer’s O&M personnel. After that time, the manufacturer or another experienced O&M company may be hired to conduct scheduled maintenance. This decision will be made during operation of the Project.

Periodically, the turbine manufacturer will release notifications of recommended fixes for known (discovered) issues with their turbine fleet, or for updated maintenance procedures. These fixes and new maintenance procedures will be implemented as appropriate by the on-site O&M team.

Technicians will be based in the O&M building on-site, typically working daytime hours of 8 AM to 5 PM. Technicians will also be on-call 24-hours a day, seven days a week in the event that unscheduled site visits or maintenance is needed. The turbines will be remotely monitored on a continuous basis by the

manufacturer or another contracted company experienced in remote turbine monitoring.

If a turbine is not functioning properly, it will generate a fault or error notification that is sent to the remote monitoring center. Depending on the type of fault, the monitoring center may clear the fault and reset the turbine remotely or call site technician(s) to carry out a physical reset or troubleshooting activities.

In addition to the day-to-day monitoring by remote monitoring center and site technicians, Patriot personnel periodically run reports to review availability, turbine faults, and overall site performance to ensure that projects are operating optimally.

- 9.2 Describe in detail the proposed O&M funding mechanism and funding levels to support planned and unplanned O&M requirements.

The project budget includes a planned and unplanned O&M cost of approximately \$xx,xxx per year per turbine (confidential) for the first 5 years of the project and \$xx,xxx per year per turbine (confidential) for the second 5 years of the project. This pricing is estimated based on confidential O&M service pricing received from the turbine manufacturer for a 5-year full-service O&M contract with an option to extend an additional 5 years.

In addition to the planned O&M budget, CMW plans to create an interest-earning sinking fund starting in year one of operation to which \$xx,xxx per turbine (confidential) will be added annually to support unplanned maintenance requirements after the full-service agreement expires.

- 9.3 Describe the terms (or expected terms) of the warranties and/or guarantees on major equipment that the bidder is utilizing or proposing to utilize.

CMW's agreement with the turbine supplier (GE) indicates that turbines are covered under warranty for the lesser of 24 months after turbine completion or 36 months after shipment of the last major component. The warranty guarantees that the equipment will comply with its given technical specifications and fit the purpose of generating electrical power when operated in line with operating instructions. It also guarantees workmanship, title, and that the equipment will be free of material defects. All GE services will be performed in a competent, diligent manner.

Should the Project find the equipment does not meet the warranties during warranty period, the Project will inform GE in writing. GE will, at its own

expense, correct any warranty defect by repairing or replacing the defective parts. Since the Project will be signing a Full Service Agreement (FSA), GE will be responsible for the removal and installation of any repaired or replacement parts.

Equipment is not warranted against normal wear and tear, including that due to environment or operation. GE is not responsible for any damage caused by force majeure such as fires, severe weather conditions, lightning, earthquakes, floods, etc. The Project will keep record of proper operation and maintenance of equipment.

- 9.4 Describe the status of the project sponsor in securing any O&M agreements or contracts. Include a discussion of the sponsor's plan for securing a medium-term or long-term O&M contract, including the expected provider of O&M services.

Initially, General Electric will maintain the turbines in accordance with a standard O&M/Full Service Agreement that covers an initial term of 5 years and an option to extend for an additional 5 years. After the term of the O&M agreement has expired, O&M services from General Electric may be extended, or an experienced third-party O&M company may be contracted to continue the work. We have been in preliminary discussions with GE on executing a Full Service Agreement and will complete the process once a PPA is secured and financing is confirmed.

- 9.5 Provide examples of the bidder's experience with O&M services for other similar projects.

Patriot currently manages the operation of three wind projects in Western Maine: Saddleback Ridge Wind, Spruce Mountain Wind, and Beaver Ridge Wind. For these operating projects, Patriot employs a field operations manager, an asset manager, and an assistant to oversee the management of all three operating projects. All jobs are full time. A local electrician with wind turbine experience is subcontracted as needed to assist with turbine maintenance and is on-call when the field operations manager is unavailable. Patriot has managed the three wind projects since each of the projects began operating. Specific details for each operating project are summarized below.

Spruce Mountain Wind

Patriot developed, constructed, and currently operates the 20-MW Spruce Mountain Wind Project in Woodstock, Maine, which has been operational since December 21, 2011. The project consists of ten 2-MW Gamesa G90 turbines and the turbine manufacturer is responsible for turbine maintenance. The on-site O&M is provided by the turbine manufacturer, Gamesa, under a long-term agreement.

24/7 remote monitoring of the turbines is performed by Duke Renewable Energy Services, based in North Carolina. Duke coordinates with Gamesa technicians and ISO New England to communicate turbine faults, resets, outages, and lightning storms.

Patriot is responsible for overseeing both Gamesa and Duke Renewable Energy Services, as well as the balance of plant services, such as rock anchor tensioning, maintenance and testing of transmission lines and other electrical infrastructure, and turbine man-lift certification and maintenance.

Beaver Ridge Wind

The three-turbine 4.5 MW Beaver Ridge Wind project in Freedom, Maine has been operational since November 1, 2008. Scheduled maintenance and remote monitoring were conducted by the manufacturer (GE) for the first two years of project operation. Third-party O&M contractors were hired to conduct remote monitoring and to assist the local electricians/technicians with semi-annual maintenance of the project during the third and fourth years of operation.

For the fifth through tenth years of operation, GE is again conducting 24/7 remote monitoring of the turbines. Since year five of operation Patriot has been performing the maintenance in-house. We have hired one of the two local technicians as an employee, and he continues to perform scheduled and unscheduled maintenance of the turbines with the other local technician, who remains a subcontractor. GE's technicians are contracted when additional support is needed for maintenance.

Saddleback Ridge Wind

The 34.2-MW Saddleback Ridge Wind Project in Carthage, Maine has been fully operational since September 16, 2015 and consists of twelve GE 2.85-103 turbines. The project was built in two phases, with the first three turbines reaching commercial operation on December 19, 2014, and the remaining nine turbines reaching commercial operation on September 16, 2015. The turbine manufacturer, GE, is responsible for turbine maintenance under a long-term agreement.

24/7 remote monitoring of the turbines is also performed by GE, based in Schenectady, NY. GE coordinates with their site technicians and ISO New England to communicate turbine faults, resets, outages, and lightning storms.

Patriot is responsible for overseeing GE and for the balance of plant services, including as rock anchor tensioning, and maintenance and testing of the substation, transmission lines and other electrical infrastructure.

SECTION 10 OF APPENDIX B TO THE RFP – PROJECT SCHEDULE

For Eligible Facilities or Transmission Projects that are not yet in-service, bidders are required to provide a complete critical path schedule for the project from the notice of selection of the project for contract consideration to the start of commercial operations. For each project element, list the start and end date.

- 10.1 Identify the elements on the critical path. The schedule should include, at a minimum, facility contracts, start of construction, construction schedule, siting, fuel supply, financing, engineering and procurement, acquisition of real property rights, Federal, state and/or local permits, licenses, environmental assessments and/or environmental impact statements (including anticipated permit submittal and approval dates) and any other requirements that could influence the project schedule and the commercial operation date, including requirements pertaining to the generator interconnection process and any transmission facilities for which the bidder seeks recovery through federal transmission rates.

Please find development and construction schedules in Attachment V.

- 10.2 Detail the status of all critical path items.

Please find details of development and construction schedules in Attachment V.

SECTION 11 OF APPENDIX B TO THE RFP – PROJECT MANAGEMENT/EXPERIENCE

Bidders are required to demonstrate project experience and management capability to successfully develop (for a project that includes new facilities or capital investment) and operate the project proposed. The Soliciting Parties are particularly interested in project teams that have demonstrated success in projects of similar type, size and technology and, for projects that include new facilities or capital investment, can demonstrate an ability to work together effectively to bring the project to commercial operation in a timely fashion.

- 11.1 Provide an organizational chart for the project that lists the project participants and identifies the corporate structure, including general and limited partners.

Organizational chart provided in Attachment E.

- 11.2 For a project that includes new facilities or capital investment, provide statements that list the specific experience of the bidder and each of the project participants (including, when applicable, the bidder, partners, EPC contractor and proposed contractors), in developing, financing, owning, and operating generating or transmission facilities (as applicable), other projects of similar type, size and technology, and any evidence that the project participants have worked jointly on other projects.

Patriot is affiliated with Jay Cashman, Inc. (“Cashman”), a Massachusetts-based construction and heavy civil and marine development company with international operations. Cashman is a privately held corporation. Cashman’s extensive resources provide Patriot with engineering, logistical, construction, and financial support. Patriot successfully developed and now operates the 34.2 MW Saddleback Ridge Wind facility in Carthage, Maine and the 20 MW Spruce Mountain Wind facility in Woodstock, Maine. In addition, Patriot constructed, financed, and now operates the 4.5 MW Beaver Ridge Wind facility in Freedom, Maine. Spruce and Beaver Ridge are majority-owned by Jay M. Cashman, and Jay M. Cashman is a shared partner of Saddleback Ridge Wind. Construction management services were provided by affiliated company ECO Industries, LLC for all three projects.

Patriot developed, financed, and operates these projects on behalf of the project entities. More details about Patriot’s development qualifications and related projects can be found in Attachment X.

- 11.3 For a bid that includes existing facilities, provide statements that list the specific experience of the bidder and each of the project participants (including, when applicable, the bidder, partners, EPC contractor and proposed contractors), in owning and operating generating or transmission facilities (as applicable), other projects of similar type, size and technology, and any evidence that the project participants have worked jointly on other projects.

N/A

11.4 Provide a management chart that lists the key personnel dedicated to this project and provide resumes of the key personnel. For Eligible Facilities or Transmission Projects that are not yet in-service, key personnel of the bidder's development team having substantial project management responsibilities must have:

- i. Successfully developed and/or operated one or more projects of similar size or complexity or requiring similar skill sets; AND
- ii. For a project that includes new facilities or capital investment, experience in financing one or more projects of a similar size and complexity (or have the financial means to finance the project on the bidder's balance sheet).

The Patriot team includes:

- **Jay Cashman, Chairman**
- **Todd Presson, Chief Operating Officer**
- **Andrew Goldberg, Chief Financial Officer and President**
- **Lauren Austin, Project Developer**
- **Bob Popeo, General Counsel**
- **Tom Carroll, Director of Government and Community Affairs**
- **Rebecca Howard, Assistant Director of Government and Community Affairs**
- **Ken Boulter, Field Operations Manager**
- **Lindsay Galbraith, Senior Asset Manager**

Resumes for key personnel can be found in Attachment Y.

11.5 Provide a listing of all projects the project sponsor has successfully developed or that are currently under construction. Provide the following information as part of the response:

- i. Name of the project

- ii. Location of the project
- iii. Project type, size and technology
- iv. Commercial operation date
- v. Estimated and actual capacity factor of the project for the past three years
- vi. Availability factor of the project for the past three years
- vii. References, including the names and current addresses and telephone numbers of individuals to contact for each reference.

Patriot has constructed 59.3 MW to date including:

- 1. Massachusetts Maritime Academy – Buzzards Bay, Massachusetts; 600 kW – One Vestas V47-660kW turbine owned and operated by MMA; Operational since 2006; supplies 25% of the Academy’s on-site energy use; a Patriot affiliate designed and built the project but is not involved in operations.**
- 2. Beaver Ridge Wind – Freedom, Maine; 4.5 MW, three GE 1.5sle 1.5 MW turbines; November 1, 2008; Patriot constructed/owns/operates; estimated long-term capacity factor of 32.3%, actual net capacity factor for the first seven years of operation of 31.8%; average monthly availability over 95% since project start.**
- 3. Spruce Mountain Wind – Woodstock, Maine; 20 MW – ten Gamesa 2.0 MW G90 turbines; December 21, 2011; Patriot developed/constructed/owns/operates; Estimated long-term capacity factor of 36.8%, actual net capacity factor of 35.1% for the first four years of operation; average monthly availability over 97% since project start.**
- 4. Saddleback Ridge Wind – Carthage, Maine; 34.2 MW, twelve GE 2.85 MW turbines; Patriot developed/constructed/financed/shares ownership and operates this project; Phase I (three turbines) had an operation date of December 19, 2014; Phase II (nine turbines) had a commercial operation date of September 16, 2015. The project achieved a net capacity factor of 36.2% from September 16, 2015 through January 17, 2016.**

11.6 With regard to the bidder’s project team, identify and describe the entity responsible for the following, as applicable:

- i. Construction Period Lender, if any
- ii. Operating Period Lender and/or Tax Equity Provider, as applicable
- iii. Financial Advisor
- iv. Environmental Consultant

- v. Facility Operator and Manager
- vi. Owner's Engineer
- vii. EPC Contractor (if selected)
- viii. Transmission Consultant
- ix. Legal Counsel

Please find a listing for each member of the Canton Mountain Wind Project team in Attachment W.

- 11.7 Provide details of the bidder's experience in ISO-NE markets. With regard to bidder's experience with ISO-NE markets, please indicate the entity that will assume the duties of Lead Market Participant for your Project. Please provide a summary of the proposed Lead Market Participant's experience with each of the ISO-NE markets.

The Project will be registered to affiliate Spruce Mountain Wind, LLC, as Lead Market Participant for the asset in ISO New England. However, CMW will assume Lead Market Participant responsibilities for the Project and will subcontract day-to-day market participant functions to a third-party consultant (e.g. Energy New England, the entity that currently performs lead market participant duties for Patriot's Spruce Mountain Wind and Saddleback Ridge Wind projects).

SECTION 12 OF APPENDIX B TO THE RFP – EMISSIONS

12.1 For existing generation facilities, provide emissions estimates based on available continuous emissions monitoring data. Where continuous emissions monitoring data is not available, provide emissions estimates based on the most recent stack emissions test conducted using an EPA reference method approved by the applicable permitting and enforcement authority. Where continuous emissions data or actual stack emissions test data are not available, provide emissions estimates based on emissions factors from the latest edition of EPA's AP-42, Compilation of Air Pollutant Emissions Factors.

For new generation facilities, provide emissions estimates based on available data from the unit manufacturer. Alternatively, provide actual emissions data determined in accordance with the paragraph above for a similar facility built within the past 3 years. Include copies of supporting documentation for all emissions estimates.

Project Anticipated Emissions, expressed in pounds/megawatt-hour (lbs/MWh)

Source of Information	Date of Test (if applicable)	Greenhouse Gases (all except methane) Expressed as Carbon Dioxide equivalent (CO ₂ e)	Nitrogen Oxides (NO _x)	Sulfur Oxides (SO _x)	Carbon Monoxide (CO)	Particulate Matter (PM _{2.5})	Methane (CH ₄)

12.2 Describe any past investments that will, or have been made to your facility to improve its emissions profile or any planned future investments made to your facility in order to improve its emissions profile. Pollutant specific emissions improving technologies include, but are not limited to:

- NO_x – Selective/Non-Selective Catalytic Reduction
- SO_x – wet/dry scrubbers
- PM – fabric filter/bag house, electrostatic precipitator, cyclone separator
- CO – oxidation catalyst

Investments that improve overall emissions include, but are not limited to:

- equipment tune-ups (improves combustion efficiency and emissions)
- boiler tube replacements (improves heat transfer efficiency and reduces fuel use)

- other efficiency improvements (e.g., installing a heat exchanger to use waste heat to pre-heat feed water to the boiler)

Include control equipment specifications, date(s) of installation, expected life of equipment, benefits gained from the addition of such equipment, etc.

N/A

- 12.3 Describe how your project will contribute to (i) Connecticut's goals under Connecticut Public Act 08-98, An Act Concerning Connecticut Global Warming Solutions (2008), codified in Section 22a-200a of the Connecticut General Statutes; (ii) the Massachusetts 2008 Global Warming Solutions Act (GWSA) and the 2010 Clean Energy and Climate Plan for 2020. Describe how your project will contribute both to the short term 2020 goal, and longer term 2050 goal found in these laws. And (iii) Rhode Island's purposes under Chapter 39-31

CMW will produce xx,xxx MWh (confidential) of clean, renewable power to New England's electrical grid.

Based on the 2014 emissions rates outlined in ISO-NE 2014 Emissions Report (Attachment Z), for the xx,xxx MWh Canton Mountain Wind is estimated to produce each year, CMW will avoid:

- **23,791 pounds of NOx**
- **13,774 pounds of SO2**
- **45,454,134 pounds of CO2**

SECTION 13 OF APPENDIX B TO THE RFP – CONTRIBUTION TO EMPLOYMENT AND ECONOMIC DEVELOPMENT AND OTHER DIRECT AND INDIRECT BENEFITS

- 13.1 Please provide an estimate of the number of jobs to be created directly during project development and construction (for a project that includes new facilities or capital investment), and during operations, and a general description of the types of jobs created, estimated annual compensation, the employer(s) for such jobs, and the location. Please treat the development, construction, and operation periods separately in your response.

1. Development

The development phase required the equivalent of two full-time employees, a project developer, and administrator within the Patriot Renewables team. The average annual salary for this team is approximately \$80,000. In addition, Patriot retained the services of many third-party entities to conduct permitting studies.

2. Construction

The construction phase will require Patriot to hire one or two full-time project managers to oversee the construction as well as one project coordinator. Salaries may range from \$60,000 to \$100,000, depending on experience. They will be hired through Patriot's affiliate company, ECO Industries. Patriot will also hire a security supervisor and several security guards to secure the premises during construction. Security guards on Patriot's most recently constructed project were paid an hourly wage of \$12-15 per hour plus overtime.

We anticipate the construction staffing to be similar to Saddleback Ridge Wind's construction. At Saddleback, our construction company, Reed and Reed, had anywhere between 20-50 workers on site daily with varying levels of expertise from deliveries, construction and supervision. Our road construction contractor, Sargent Corp., would often have anywhere between 5-20 workers on site daily. Our turbine manufacturer, GE, also had an electrical engineering and project management team of about 5-10 individuals on hand to oversee construction. Patriot does not have access to salary information for these jobs.

3. Operation

Patriot Renewables employs a field operations manager, an asset manager, and an assistant to oversee the management of all three current operating projects and will likely hire two more full-time employees once the Canton project is operational. All jobs are full time. A local electrician with wind turbine experience is also subcontracted as needed to assist with turbine maintenance and

is on-call when the field operations manager is unavailable. GE will likely hire one to two additional local employees to maintain the Project.

- 13.2 Please provide the same information as provided in response to question 13.1 above but with respect to jobs that would be indirectly created as a result of the proposed project.

As mentioned above, our road and construction companies will need to hire teams to oversee the successful completion of the Project.

- 13.3 Please describe any other economic development impacts (either positive or negative) that could result from the proposed project, such as creating property tax revenues or purchasing capital equipment, materials or services for New England businesses. Please provide the location(s) where these economic development benefits are expected to occur.

The town of Canton will receive the tax revenue associated with CMW's 46,500,000 project and \$32,000 in annual tangible benefit payments to the town of Canton, ME and \$2,000 to the town of Dixfield, ME.

Lease payments to local landowners will contribute at least \$xxx,xxx annually (confidential).

When opportunity allows, Patriot always opts to purchase products from local entities.

Patriot Renewable's projects are proud and active members of Western Maine's communities and help drive their economies and community development. Attachment AA outlines the community benefits associated with Spruce Mountain Wind, Patriot Renewables' second operating wind project.

- 13.4 To the extent not already specified elsewhere in your response, please address the factors listed in Section 2.3.2.1 and describe any benefits or impacts associated with the proposed project.

There are several hallmarks of the Canton Mountain Wind project that distinguish it from other projects.

First, CMW is fully developed and, with the award of a power purchase agreement, is essentially a turn-key project.

Second, Patriot Renewables has direct experience constructing three similar projects in Western Maine. The best example of this is the recent completion of

the 34.2 MW Saddleback Ridge Wind, which has the same turbine model that's proposed for the Project. Patriot anticipates that the Canton Mountain Wind project will use many of the same resources used for the construction of Saddleback. Therefore, construction of the Project will be a familiar endeavor for Patriot.

Third, Patriot's seasoned team is experienced with Maine's weather conditions, both during construction and operations, and consistently achieves high availability .

Fourth, Patriot understands the importance of the host community. We work diligently with local authorities to address any concerns raised during permitting and we have demonstrated a commitment to continued public outreach, long after the project is constructed. This approach is beneficial for the community and for the continued success of clean renewable energy projects like Canton Mountain Wind.

SECTION 14 OF APPENDIX B TO THE RFP – ADDITIONAL INFORMATION REQUIRED FOR TRANSMISSION PROJECTS

Bids that include Transmission Projects must also provide the following information.

14.1 The following information regarding the proposed new Transmission Project:

- i. Overall project description:

N/A

- ii. The operating voltage of the proposed project: kV:

- iii. The type of structures (such as steel towers or poles) that would be used for the proposed project:

N/A

- iv. The length of the proposed transmission line and the type(s) of terrain and land ownership of the proposed ROW:
- | | |
|-----------------|-------------------|
| Overhead miles: | Underground/ |
| | Underwater miles: |

Terrain:

N/A

- v. The substation facilities (number of circuit breakers, transformers, etc.) required at each terminal of the proposed project and information as to how the new facilities would interconnect to any existing facilities.

N/A

- vi. The estimated costs of the proposed project broken out into separate categories for transmission facilities and substation facilities in nominal year dollars.

Transmission:

Substation:

Year dollars:

- vii. Provide a proposed schedule for project development through release for operation that includes, as a minimum, key critical path items such as:

- a. Develop contracts for project work:

N/A

- b. Permitting; R/W and land acquisition:

N/A

- c. Engineering and design:

N/A

- d. Material and equipment procurement:

N/A

- e. Facility construction:

N/A

- f. Agreements (interconnection, operating, scheduling, etc.) with other entities:

N/A

- g. Pre-operations testing:

N/A

- h. Project in-service date:

- i. Other items identified by the bidder:

N/A

14.2 The proposed payment required.

- i. If the proposed payment may change during the contract term, then the Eligible Bidder must also provide the method that transmission owner shall use to determine the payment for the Transmission Project under the transmission Rate Schedule or Tariff and Service Agreement to be filed with FERC. If the proposed payment is a formula rate, the Eligible Bidder must also provide the formula and its proposed inputs that the transmission owner will file with FERC.

N/A

- ii. If the proposed payment is based on the Transmission Project's cost of service and may change during the contract term based on changes in the cost of service, a full revenue requirements model submitted as a working Excel spreadsheet with the formulas intact. All assumptions must be detailed as follows:

- a. Provide the capital cost estimate presented as a buildup of costs by category, such as environmental, engineering, civil works, materials, equipment, construction, construction management, physical and price contingencies, allowance for funds used during construction (AFUDC), and all other categories for which recovery under FERC would be sought. These categories are illustrative; aggregate costs into the categories most relevant to the development of the proposed project. All costs should be provided in nominal dollars.

N/A

- b. For projects with transmission and substation components, separate the costs into two rows (e.g. use one row for substation construction and a second for transmission construction). Describe the detailed financial plan on a monthly basis during the construction period, e.g., for 3 years or as long as necessary. The plan should present the costs and financial outlays in each month of the construction period, and the corresponding sources of financing (equity contribution and debt drawdown). Data should include an estimate of the cost of both physical and price contingencies during the construction period. The financing plan should indicate the ability to finance the construction of the proposed project under base case and contingency scenarios.

N/A

- c. Describe the proposed financing sources and instruments:
 - i. Sources of funds for construction and working capital - include name of entity providing debt financing, loan amounts, interest rates, repayment period, grace period during construction; and equity provided by project sponsor:

N/A

- ii. Sources of funds for unexpected repairs or replacement construction during the operating period, e.g., replacement of tower. Note: the operating period is the applicant's estimate of the useful life or accounting life of the transmission project element(s):

N/A

- d. Provide the annual revenue requirement forecasts for the project - including assumptions. Provide a draft version of the revenue requirement calculation in a format that is similar to what would be included in the Rate Schedule or Tariff and Service Agreement application to FERC, indicating the forecast revenue requirement amounts and all assumptions used in the calculations. This should include but not be limited to the assumptions regarding rate of return, depreciation life, split between debt and capital, AFUDC and weighted cost of capital, and a detailed estimate of the anticipated average annual operating and maintenance cost:

N/A

- iii. If the pricing proposed is based on cost of service, detailed cost containment commitments such as fixed price components, cost overrun restrictions, or other cost bandwidth provisions that are proposed to limit ratepayer risk must be clearly defined:

N/A

- 14.3 The schedule of the payments defined in 14.2 above including when the payments will commence, how often payments will be required and the length of time over which payments will be required. In no event may payments commence before the Transmission Project is placed in service.

N/A

- 14.4 The design life of the project:

N/A

- 14.5 If the bidder is proposing the use of a Performance-Based Tariff in connection with the Delivery commitment model, the bidder is required to state the proposal for liquidated damages to compensate the buyer and to keep it financially whole for non-Delivery.

N/A

- 14.6 If the bidder is proposing the use of a Performance-Based Tariff in connection with the Delivery commitment model, the bidder is required to provide details of the source and reliability of the Qualified Clean Energy supply along with the rights and ownership of that energy.

N/A

- 14.7 A description of the reliability benefits of the proposed Transmission Project and its impact on existing transmission constraints:

N/A

- 14.8 For the Delivery commitment model, please describe the process for the transfer of the environmental attributes associated with the Qualified Clean Energy Delivery Commitment.

N/A