



REQUEST FOR QUOTATIONS (RFQ)

**Title: Offshore Wind Philippines - Preliminary environmental and community impact assessment.
(Local Contractor)**

SUMMARY OF PROCUREMENT

RMI is providing a technical, financial, and economic review of the development of up to three (3) gigawatts (“GW”) in offshore wind turbines (“Project”) for Aboitiz Renewables (the “Client”) in the Philippines, with the funding made available to the Client by The U.S. Trade and Development Agency (“USTDA”).

Under its Scope of Work, RMI will identify potential site locations and points of interconnection, as well as analyze potential environmental and social impacts of this wind turbine generation (“WTG”) Project. RMI is looking for a local contractor to carry out preliminary environmental and community impact assessment for the high priority sites for WTG deployment.

About RMI

RMI decarbonizes energy systems through rapid, market-based change in the world’s most critical geographies to align with a 1.5°C future and address the climate crisis. We work with businesses, policymakers, communities, and other organizations to identify and scale energy system interventions that will cut greenhouse gas emissions at least 50% by 2030.

For nearly 40 years, RMI has utilized our unique techno-economic expertise and whole-systems thinking to both publish groundbreaking research and analysis. We bring together collaborations of rare reach, range, and expertise—creating unconventional partnerships and mobilizing action to drive change on the massive scale needed to combat the climate crisis.

About RMI’s Southeast Asia Program & The Philippines Offshore Wind Project

In Southeast Asia, RMI focuses on addressing inclusive development, energy security, and carbon reduction in partnership with Indonesia, Vietnam, and the Philippines—with limited coordination elsewhere in the ASEAN region. RMI is working toward these objectives leveraging our deep in-house technical expertise in the following areas:

- **distributed renewable energy (DRE) systems** including technologies such as mini-grids, grid-connected distributed generation and storage, renewable power solutions for industrial and commercial clusters, and stand-alone commercial appliances;
- **grid-based renewables and utility scaling models** to deploy renewable generation, storage, distribution, and transmission; and
- **fossil-fuel transitioning** focused on coal decommissioning and repurposing of large, aging coal plants and installed diesel/heavy fuel oil assets.

The Philippines Offshore Wind Project



In the Philippines, RMI is providing a technical, financial, and economic review of the development of up to three (3) gigawatts (“GW”) in offshore wind turbines (“Project”) for Aboitiz Renewables (the “Client”), with the funding made available to the Client by The U.S. Trade and Development Agency (“USTDA”).

Under its Scope of Work, RMI will identify potential site locations and points of interconnection, as well as analyze potential environmental and social impacts of this wind turbine generation (“WTG”) Project. RMI will also evaluate integrating battery energy storage systems (“BESS”) along with the WTG Project. The Study will take approximately eleven (11) months. The goals of this Study include:

- Identification of 18-24 preliminary sites for WTG deployment, with a detailed assessment of six (6) high priority sites for WTG deployment.
- Energy assessment, including evaluation of WTG resource availability.
- Interconnection analysis identifying capacity constraints and grid congestion.
- Development of a conceptual design of the Project:
 - Use of bathymetric maps; and
 - Select a WTG foundation design based on desktop derived site-specific geotechnical analysis.
- Evaluation of the economics and bankability of the Project.
- Preliminary environmental impact assessment; and
- Implementation plan and timeline after the completion of this Study.
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SCOPE OF WORK AND OUTPUT/DELIVERABLES

Purpose and Objective

RMI is looking for a local contractor to carry out preliminary environmental and community impact assessment for the 6 high priority sites for WTG deployment. The purpose of this assessment is to preliminarily review, through mostly desktop research, the Project’s anticipated impacts on the environment in the 6 high priority sites, to identify any potential conflicts between the intended offshore windfarm infrastructure and other uses (i.e., marine protected areas or socio-economic significant areas) and avoid areas that may undergo potentially significant negative impacts during the construction, operation, and decommission of said offshore windfarm and ancillary infrastructure. The Contractor shall also assess potential positive environmental and community impacts of such offshore windfarms and perform an in-depth climate resilience analysis pursuant to Executive Order 13677 – Climate-Resilient International Development to determine the level of vulnerability of the 6 selected sites to climate change and extreme weather events.

The 6 priority sites will be provided to the Contractor prior to the start of this work.

Scope of Work

The contractor shall carry out the following tasks:



1. A review of applicable national regulations pertaining to environmental and social impacts of infrastructure projects.
 2. A baseline analysis of the environmental and social conditions at the 6 selected sites.
 3. An analysis of the potential negative and or positive environmental and social impacts of the Project during construction, operation, and decommissioning phases.
 4. Recommendations for potential mitigation and monitoring measures for the Project.
- The description of the specific tasks is detailed below.

Review of applicable national environmental and social regulations

The Contractor shall identify all the national environmental law and regulations that are applicable to the Project, including requirements for environmental and social impact assessments, as well as all the international and regional environmental conventions to which the Philippines is a party. The Contractor shall also identify any other relevant laws and regulations (i.e., aviation or telecommunications) that may restrict the deployment of offshore windfarm infrastructure in specific locations.

Preliminary Environmental Analysis

The Contractor shall conduct a “Preliminary Environmental Analysis” that shall include a preliminary review of the baseline environmental conditions, the Project’s anticipated impacts on the environment in the 6 high priority sites, and.

Baseline Environmental Condition Assessment

The Contractor shall identify the presence of areas with important biodiversity values, including Marine Protected Areas, biodiversity hotspots, Key Biodiversity Areas in the 6 selected sites. The contractor shall also assess current water quality and identify key coastal and marine habitats and aquatic species present in the selected sites, including endangered and critically endangered species and vulnerable habitats.

Preliminary Environmental Impact Assessment

The Contractor shall provide details on the severity of the potential negative environmental impacts of the Project during construction, operation, and decommissioning. These may include but not necessarily be limited to:

- Harms on coastal and aquatic life and ecosystems (including coral reefs and especially impacts on sensitive and vulnerable habitats and species);
- Significant negative impacts on coastal and marine biodiversity;
- Impacts on water quality;
- Marine noise pollution;
- Electromagnetic fields; and
- Introduction of non-indigenous and invasive species, especially during the construction phase.



The Contractor shall also assess potential positive environmental impacts of the Project including, but not limited to, the reduction in greenhouse gas emissions achieved by offsetting the combustion of carbon-based fuels. This can be evaluated as a “Greenhouse Gas Emissions Reduction Model”.

Climate Resilience Analysis

The Contractor shall perform an in-depth climate resilience analysis pursuant to Executive Order 13677 – Climate-Resilient International Development. This shall include evaluating current and projected climate conditions and trends at the proposed Project location(s), as well as evaluating the impact they may have on the Project. Based on existing information, the analysis should consider current climate trends and future scenarios (until 2040) at each proposed Project location. The analysis should focus on key climate parameters, including but not limited to:

- Increased temperature;
- Increased variability of rainfall, runoff, and wind;
- Sea level rise, storm surges, and ocean acidification (pH); and
- Increase frequency of extreme weather events (typhoons, tsunamis, etc.).

In evaluating these parameters, the Contractor should consider timing, intensity, and duration, in addition to considering averages and extremes, to ensure a climate-resilient design for the Project.

The Contractor shall conduct an assessment of probable extreme conditions that the offshore wind site(s) will experience regarding currents, wind, and tides. The Contractor shall analyze the risk to the Project if extreme conditions occur. The Contractor shall evaluate the limitations WTG equipment and technology has against extreme conditions. Extreme conditions include, but are not limited to:

- Typhoons;
- Tsunamis;
- Earthquakes; and
- Volcanic eruptions.

The Contractor will be provided with information regarding types of technology and preliminary specifications of WTG equipment for the analysis (i.e., foundation type, turbine capacity, and height of shafts).

Preliminary Community Impact Analysis

Baseline Social Assessment

The Contractor shall identify the presence of the conflicting activities in the 6 selected sites, including but not limited to:

- Naval bases and military exercises
- Commercial fisheries
- Commercial shipping and marine industries



- Coastal communities, tourism, and recreational users
- Air traffic
- Areas of importance to cultural heritage

The Contractor shall also identify the key economic activities and baseline social conditions (i.e., population, average annual incomes, poverty rates, presence of vulnerable communities and their livelihood activities, etc.) in the selected sites.

Preliminary Community Impact Assessment

The Contractor shall analyze if the proposed Project will disrupt any ongoing community economic activity, including fishing and tourism, or impact any local or international shipping routes or intersect with military zones. The Contractor shall also determine if there are any concerns related to siting wind turbines near major naval bases (if any) and if there are any restrictions (i.e., due to aviation or telecommunications-related laws or regulations) on deploying wind turbine and ancillary infrastructure (i.e., transmission lines) in the selected locations. With adherence to any and all relevant local, state, or federal COVID-19 protocols, the Contractor shall also engage with local communities that may be impacted by the potential sites to understand local stakeholders and to filter any sites that will or are likely to become ineligible due to community concerns or opposition.

In particular, to ensure acceptance of a host community on the offshore WTG plant, the Contractor shall seek to identify any outstanding issues of concern regarding the Project from the local population by interviewing each respective local government unit (“LGU”) including a barangay of the host municipality/city.

The Contractor shall also seek to determine the impacts on local communities from temporary labor influx during the construction phase, as well as the potential impacts of labor influx or local job creation for the monitoring and maintenance of the offshore WTG systems over the expected lifetime of the assets. The Contractor will develop a set of criteria for a safety program for the labor employed during the temporary construction period and for the permanent staff during the plant operations.

The Contractor shall also identify any potential positive impacts and benefits, such as job creation and local economic growth, and discuss the extent to which these positive impacts may be augmented.

Recommended mitigation and monitoring measures

The Contractor shall identify feasible and cost-effective measures to prevent and/or reduce the effect of the identified negative environmental and community impacts during construction and operation of the Project. The Contractor shall ensure the Project specifications conform to global best practices for minimization of negative environmental and social impacts for offshore wind projects. The Contractor may use IFC’s Performance Standards and Environmental, Health and Safety Guidelines for Wind Energy projects as guidelines.

Deliverable



The Contractor shall prepare a written report that contains the above-mentioned analysis as the deliverable of this work. Specifically, the report will include the following chapters: i) Review of applicable national environmental and social regulations; ii) Preliminary Environmental Analysis (which includes baseline environmental condition assessment, preliminary environmental impact assessment, and climate resilience analysis) ; iii) Preliminary Community Impact Analysis (which includes baseline social assessment and preliminary community impact analysis); and iv) Recommended mitigation and monitoring measures.

Duration

This is a limited term contract ending 31 January 2023.

GUIDELINES FOR QUOTATION SUBMISSION

Requirements

<i>For RMI Procurement Lead to fill in:</i>				<i>For Tenderer to fill in:</i>		
<i>Line-item no.</i>	<i>Description of Goods / Services</i>	<i>Unit</i>	<i>Quantity required</i>	<i>Unit Price</i>	<i>Total Price</i>	<i>Estimated delivery date</i>
1	<i>Review of applicable national environmental and social regulations</i>	1	1	\$	\$	
2	<i>Preliminary Environmental Impact Analysis</i>	1	1	\$	\$	
3	<i>Preliminary Community Impact Analysis</i>	1	1	\$	\$	
4	<i>Recommended mitigation and monitoring measures</i>	1	1	\$	\$	
				Subtotal	\$	
				Sales tax (if applicable)	\$	
				Delivery charge (if applicable)	\$	
				Other charges (if applicable)	\$	
				TOTAL	\$	

Each tenderer must fill in the grayed sections in the table above.



The selected tenderer will also be able to demonstrate capacity in similar work or delivery of goods, particularly:

- *Experience conducting similar (mostly desktop-based) preliminary environmental and community impact analysis*
- *Experience conducting environmental and social assessment for offshore wind projects.*

Quotation Content

Tenderers should submit:

- A statement of interest that includes a description of how the above Requirements are met:
 - *Tenderer’s official name, address, and contact information*
 - *Name, position, address, and contact information of person who is authorized to make decisions or represent the tenderer*
 - *Type of entity*
 - *A CV or CVs of core team*
 - *Examples of and references for similar work*
 - *Tenderer contact details*
 - *Quotation validity period*

Quotations, including all supporting documents, should be written in English and financial information should be provided in USD. Supporting documents may be in another language, provided they are accompanied by an accurate translation of the relevant passages in English.

RMI is aware that information contained in a quotation may indicate a tenderer’s current operations and may be confidential. Therefore, RMI requests that any confidential information in a quotation be clearly identified as such and RMI will treat it as confidential.

All materials submitted with a quotation become property of RMI. RMI will have the right to use all ideas or adaptations of the ideas contained in the quotations received subject to clearly identified confidential or proprietary limitations. Disqualification of any quotation does not restrict or eliminate this right.

RFQ Process & Timeline

[REMINDER: Time allowed for the preparation and submission of quotations by tenderers shall not be less than fifteen (15) days from the date of the publication or issuance of an RFQ]

Stage of Procurement	Date, Time, Time zone
RFQ released	09/22/2022
Deadline for questions	09/30/2022
Questions answered by RMI	10/03/2022
Quotation submission deadline	10/07/2022
Interviews with selected tenderers (if applicable)	N/A



Final tenderer selection	10/12/2022
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All questions about this RFQ must be received via electronic mail to the contact below. Answers to the questions will be shared with all parties who have asked questions or otherwise expressed interest.

All quotations must be sent via electronic mail to the same contact listed below by **10/07/2022**.

- Thanh Ha, Program Manager, Southeast Asia, tha@rmi.org
- Eli Santana, Program Operations Lead, Southeast Asia, esantana@rmi.org

When sending questions or submitting a quotation please use this electronic mail subject: ***Quote for PH Offshore Wind Preliminary Environmental & Social Analysis***

Please note that it is the tenderer's responsibility to ensure that the quotation and all other required documents are received by the closing date at the email address specified above. Quotations received after the time and date specified will not be reviewed or considered. Failure to provide any information requested in this RFQ may result in rejection for non-responsiveness.

EVALUATION AND SELECTION

Evaluation Criteria

The following elements will be the primary considerations in evaluating quotations submitted in response to this RFQ.

Formal criteria:

- Experience with similar projects
- Knowledge and experience with the Philippines
- Team members with relevant experience
- The extent to which the quotation fulfills RMI's stated requirements as set out in the RFQ (including the ability to complete the study by the stated deadline)

Financial quotation criteria:

- Price/fees
- Terms of payment

The tenderer offering the best overall value will be selected.

Selection Process

No quotation development costs shall be charged to RMI. All expenses are to be borne by the tenderers. RMI may award to the tenderer offering best value without discussions. However, RMI reserves the right to seek tenderer clarifications and to negotiate with those tenderers deemed to be within a competitive range.



RMI may, at its discretion and without explanation to the prospective tenderers, choose to discontinue this RFQ without obligation to such prospective tenderers or make multiple awards under this RFQ. Procurement contracts will not be awarded to tenderers debarred by the U.S. government or named on restricted parties lists. Any quotation may be rejected in whole or in part for good cause when in the best interests of RMI.

A quotation will be selected based on the evaluation of the RFQ response, the interview results, any necessary vetting and due diligence, and the satisfactory outcome of financial negotiations. After the selected tenderer and RMI have entered into a contract for goods/services, RMI will notify the unsuccessful tenderers.

Any Tenderer who wishes to ascertain the grounds on which its quotation was not selected, should request explanation. The RMI procurement contact shall promptly provide in writing an explanation of why such quotation was not selected. Please note, if a tenderer requests a debriefing meeting, the Tenderer shall bear all their costs of attending such a debriefing meeting and the hourly rates of the RMI staff required for the meeting if significant expenses are incurred by RMI.



INSTRUCTIONS FOR USING THIS TEMPLATE

- 1) An RFQ must always be used for Medium Value purchases but can also be used for Low Value purchases if the RMI team determines it necessary. A team may also determine it necessary to use an RFP instead of an RFQ for Medium Value purchases, which is also acceptable.
- 2) Complete this template, filling in information where *italic* font is used as a placeholder, guidance, or an example. Please delete any *italic* font placeholders, guidance, and examples before finalizing for publication.
- 3) All normal font wording should be considered mandatory for this RFQ and should not be edited unless approved by procurement@rmi.org.
- 4) Once this template is complete, please convert to PDF and submit via this [Monday.com form](#).
- 5) Do you have any questions? Please email procurement@rmi.org.