



ADDENDUM 3

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ނަންބަރު No:	TES/2019/W-146	
ފްރޮޖެކްޓްގެ ނަންބަރު Project:	Installation of 21 MW Grid-tied Solar Photovoltaic System in Addu City, Fuvahmulah City, Kulhudhuffushi City, GDh. Thinadhoo, B. Eydhafushi and Lh. Hinnavaru under Design, Build, Finance, Own, Operate, and Transfer Basis	
ޖުމްހޫރު Issued Date	9 th July 2020	
ސަފުހާގެ އަދަދު No. of Pages: -23	ބޯޖުގެ އަދަދު Boq: -00	ޑްރޯއިންގްގެ އަދަދު Drawings: -00

Please include this addendum when submitting the bid. ބަދަލުތަކާއި ޖަހަވާރުކުރުމުގެ ބަޔާންފޮތްތަކުގެ ގޮތުގައި ފޮތް ހިމަނާން ޖެހޭނެ ގޮތުގައި ބަޔާންކުރެއްވުމަށް ދަންނަވަމެވެ.

- Attached with, please find;
- Changes brought to the **Pre-Qualification Document**.
 - **Clarification 1** issued.



ނަންބަރު Name: Fathimath Rishfa Ahmed	ސަފްޞަފާ Signature:
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Republic of Maldives

ADDENDUM 03

PREQUALIFICATION DOCUMENT

for

**Installation of 21 MW Grid-tied Solar
Photovoltaic System in Addu City, Fuvamulah
City, Kulhudhuffushi City, GDh. Thinadhoo,
B.Eydhafushi and Lh. Hinnavaru under Design,
Build, Finance, Own, Operate, and Transfer Basis**

IFB No.: 001/172788

**Accelerating Renewable Energy Integration and Sustainable
Energy (ARISE)
ARISE-P172788**

**Ministry of Environment
Republic of Maldives**

**Issued by:
Ministry of Finance
Male', Republic of Maldives**





Ministry of Finance
Male' Republic of Maldives

Accelerating Renewable Energy Integration and Sustainable Energy (ARISE) Project
ARISE-P172788

Installation of 21MW Grid-tied Solar Photovoltaic System in Addu City, Fuvamulah City, Kulhudhuffushi City, GDh. Thinadhoo, B. Eydhafushi and Lh. Hinnavaru under Design, Build, Finance, Own, Operate, and Transfer Basis

IFB No.: 001/172788

Addendum 03

(a) Section II. Prequalification Data Sheet

D. Submission of Applications	
ITA 17.1	<p>The deadline for Application submission is: Date: August 06, 2020, Thursday Time: 13:00 Hours (Maldives Time)</p> <p>Applicants shall not have the option of submitting their Applications Electronically.</p> <p>For application submission purposes only, the Employer's address is: National Tender Ministry of Finance Ameenee Magu, Maafannu, Male', 20379 Republic of Maldives Tel: (+960) 3349102</p>
ITA 19.1	<p>The opening of the Applications shall be conducted at: National Tender Ministry of Finance Ameenee Magu, Maafannu, Male', 20379 Republic of Maldives</p> <p>Date: August 06, 2020, Thursday Time: 13:00 Hours (Maldives Time)</p>

Replace: Prequalification Data Sheet Clause ITA 24.2 and 25.2 with the following.



E. Procedures for Evaluation of Applications

ITA 24.2	<i>Delete:</i> "... along with details of the proposed subcontractors including their qualification and experience."
ITA 25.2	Applicants planning to subcontract any works shall specify, in the Application Submission Form, the activity (ies) or parts of the works to be subcontracted.

(b) Section IV. Application Forms

Application Submission Form

(f) Subcontractors and Specialized Subcontractors:

Delete: [...“along with complete details of the Specialized Subcontractors, their qualification and experience”.]

(c) Form CON – 3

ES Performance Declaration

Delete: [...and each Specialised Subcontractor”.]

(d) Section III. Qualification Criteria and Requirements

Replace: 4. Experience in Section III. Qualification Criteria and Requirements with the following revised criteria.

Eligibility and Qualification Criteria			Compliance Requirements			Documentation	
No.	<u>Subject</u>	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All Parties Combined	Each Member	One Member	
4. Experience							
	Specific Experience - Developing	(i)A minimum number of similar ¹ contracts specified below that have been satisfactorily and substantially ²					Forms ELI – 1.1 and 1.2, with attachments

¹ The similarity shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VII, Scope of Works. Summation of number of small value contracts (less than the value specified under requirement) to meet the overall requirement will not be accepted.

² Substantial completion in this case shall be successful commissioning of a project and declaring commercial operation.



Projects	completed as a prime contractor, joint venture member ³ , management contractor or sub-contractor between 1st June 2014 and application submission deadline:					
	<u>i) If the applicant is applying for Lot 1:-</u> (a) Cumulative experience of 4 MW grid connected solar PV project (floating / ground-mounted / rooftop floating)	Must meet requirement	Must meet requirement	N/A	a) At least 75% of the cumulative experience requirement of 4MW with or without floating PV projects; and	
	(b) Floating solar pv. project cumulative 300 kWp.	Must meet requirement	N/A	N/A	b) At least 100% of floating solar pv. requirement.	
	<u>ii) If the applicant is applying for Lot 2:-</u> a) Cumulative experience of 2 MW (floating / ground-mounted / rooftop solar PV project) with at least	Must meet requirement	Must meet requirement	N/A	a) At least 75% of the cumulative experience requirement of 2MW.	
	b) two solar ground mounted project of 500 kWp each.	Must meet requirement	Must meet requirement	N/A	b) N/A	

Form FIN – 3.1

(e) Financial Situation and Performance

³⁹ For contracts under which the Applicant participated as a joint venture member or sub-contractor, only the Applicant's share, by value, shall be considered to meet this requirement.



Replace: Form FIN-3.1 with the following with the following table.

Type of Financial information in (currency)	Historic information for previous 3 years, [Three] (amount in currency, currency, exchange rate*, USD equivalent)		
	Year 1	Year 2	Year 3
Statement of Financial Position (Information from Balance Sheet)			
Tangible Non-Current Assets			
Intangible Non-Current Assets			
Current Assets			
Total Assets			
Current Liabilities			
Non-Current Liabilities			
Total Liabilities			
Share Capital			
Retained Earnings			
Total Equity/Net Worth (NW)			

* Refer ITA 14 for the exchange rate

Net Worth = Total Assets - Total Liabilities





Republic of Maldives

CLARIFICATION 01

for

**Installation of 21 MW Grid-tied Solar
Photovoltaic System in Addu City, Fuvamulah
City, Kulhudhuffushi City, GDh. Thinadhoo,
B.Eydhafushi and Lh. Hinnavaru under Design,
Build, Finance, Own, Operate, and Transfer Basis**

IFB No.: 001/172788

**Accelerating Renewable Energy Integration and Sustainable
Energy (ARISE)
ARISE-P172788**

Ministry of Environment

Republic of Maldives

Issued by:

Ministry of Finance

Male', Republic of Maldives



(f) Clarifications, Confirmations

The following table comprises the **clarifications for the queries raised, amendments to the Prequalification documents and other supplementary information required.**

Item No.	Reference	Quoted Text	Question	Clarification/ Confirmation
1			<p>On page 25 in the PQ document (attached) I read the following: “(i)If the bidder is bidding for Lot 1, cumulative experience of 2 MW grid connected solar PV project (floating / ground-mounted / rooftop) with at least two floating solar projects of at least 300 kWp”</p> <p>We have experience of 300kWp of floating solar, but not 2MW in total. Can we be awarded with the pre-qualification if we apply in JV with a partner that has the required cumulative experience? Or will you be strict with the fact that one partner will need all the required experience in this case?</p>	<p>In case the bidder is bidding as a single entity, it is required to meet the criteria on its own; and incase the Applicant is submitting as a JV, one member of the JV is required to meet at <u>least 75% cumulative</u> requirement (4MW) with or without floating solar pv. projects.</p> <p>The qualification criteria for experience has been revised.</p> <p>Please refer to Addendum 3 above and Section III. Qualification Criteria and Requirements.</p>
2			<p>1. According to the requirements of form FIN-3.1, we were unable to find 'Miscellaneous Expenditures' from the Balance Sheet. please instruct us how to do it.</p>	<p>Form FIN-3.1. Financial Situation and Performance has been replaced by a revised form. Applicants are required to fill the form in accordance with their audited financial statements.</p> <p>Refer Addendum 03 above.</p>
3			<p>2. So far, the employer hasn't designated any specialized Subcontractors. Can we provide our subcontractors arrangement and information at later stages?</p>	<p>YES, Subcontractors details may be submitted at a later stage. However, Applicants are required to submit the activity(ies) or parts of the works to be subcontracted in the application submission form.</p> <p>Refer to Amendment 3: ITA 24.2 and ITA 25.2 of Section II, Prequalification Data Sheet; and Section IV, Application Submission Form and Form CON-3, ES Performance Declaration</p>



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Item No.	References	Quoted Text	Question	Clarifications/Confirmation
4			1. There is no Miscellaneous Expenditures and Revaluation Reserves in Chinese audit financial report. Please clarify if we can leave it blank? or What should we provide alternatively?	Refer to item 2 above.
5			2. Please clarify how many years IPP can own and operate the plants?	<p>"The selected bidder would be required to sign a standard PPA with the existing Service Provider for 15-20 years".</p> <p>The selected party would be required to own and operate the plant for a period of 15-20 years. Exact years of operation would be provided at the Request for Bid stage.</p> <p>Refer to Section VII. Scope of the Project: 1. Overview</p>
6			<p>As you may be kindly aware that due to the ongoing Covid-19 outbreak many of the facilities including courier / postage services etc. are currently under lockdown in India and other countries. In view of the same, it is requested that the requirement of sending a sealed envelope containing hard copies of Pre-qualification documents may please be waived. Instead, a soft copy of the Pre-qualification documents sent through email may be accepted.</p> <p>Looking forward to a positive consideration of our request and a confirmation in this regard.</p>	<p>NO, Applicants shall not have the option of submitting their Applications electronically.</p> <p>Refer to Addendum 03 published on www.finance.gov.mv.</p>
7			2. Please clarify how many years IPP can own and operate the plants?	Refer to item number 5.
8			<p>Could you please elaborate on the following requirement: "The Applicant Net Worth shall not be less than US\$ 300,000 per MW of the bid capacity or equivalent in any other currency"? What do you mean exactly with this requirement? Does that mean that we need to have assets worth 300 000 per MW /so 3 300 000 USD/ if we want to pre-qualify for bidding for the 11 MW ground-mounted solar installations?</p>	<p>Yes, the Applicants' understanding is correct.</p> <p>If the Applicant is submitting for multiple lots, it is required to meet the aggregated qualifying requirements as applicable. Refer to ITA 25.3 and Section IV. Evaluation and Qualification Criteria, Form FIN 3.1 which provides formula for calculation of net worth.</p>

Item No.	References	Quoted Text	Question	Clarifications/Confirmation
9			In Lot-1: installation of 10 MW Floating Solar Photovoltaic systems, we intend to make JV with other partner and in Lot-2: installation of 11 MW land based Solar, we will participate independently. Please clarify if we can participate in this format and do we need to make separate bid documents for both lot or we can submit common documents for both?	Yes, this type of arrangements is acceptable and will be required to submit separate applications accordingly, one for single entity and one for the JV. If any of the JV partner(s) participate in multiple lots, the aggregate qualification requirements will be applicable. Refer to ITA 25.3.
10			Is it mandatory to specify the specialized contractor at this moment?	NO, it is not mandatory. Refer to item number 3.
11			In case of JV, is it mandatory that qualification of majority holder/lead member will be considered?	Refer to Section III Qualification Criteria and Requirement and subsequent Addendum 3 above.
12			Definition of Applicant- applicant can be a lead member or minority member?	Applicant can be a single Entity or a Joint Venture. Refer to ITA Clause 4, Section III. Qualification Criteria and Requirements and Section IV. Application Forms
13			Is there any requirement of local content in the tender?	There is no such requirement.
14			We are highly interested in the subject mentioned tender and already started working on the document preparation for RFQ but would like to request for some more time for RFQ submission. Therefore, it is requested to kindly extend the time till 30th March 2020.	Refer to Addendum 03 published on www.finance.gov.mv
15			As per the inputs available on your Website, the deadline for application submission is 14 May 2020. The clarification for Tender participation is not yet received. Indian Govt has declared lockdown in the country due to COVID-19 pandemic. Keeping in view of the above, you are requested to extend the	Refer to Addendum 03 published on www.finance.gov.mv



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
			tender participation date to be further extended up to 20 days	
16			In lot 1 we are making JV with other partner and in the lot, we will bid independently, do we need to make separate documents for both lots or we can submit common for both contract?	Refer to item number 9.
17			Do we need to specify the specialized contractor at this moment?	Refer to item number 3.
18			In JV, Applicants qualification will be considered only or other JV members qualification can also be considered?	Yes, If the Applicant is a JV, all the JV partners will be considered in accordance with Section III. Refer to ITA Clause 4, Section III. Qualification Criteria and Requirements and subsequent amendments in Addendum 3.
19			Definition of Applicant- application should be a lead member/minority member / EPC contractor?	Refer to item number 12.
20		We are interested in participating the PREQUALIFICATION of Installation of 21 MW Grid-tied Solar Photovoltaic System in Addu City, Fuvahmulah City, Kulhudhuffushi City, GDh. Thinadhoo, B. Eydhafushi and Lh. Hinnavaru under Design, Build, Finance, Own, Operate,	Can we provide the information of subcontractor at a later stage? there needs more evaluation on the project at the bidding process?	Refer to item number 3.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
		<p>and Transfer Basis. As a EPC contractor as well as a developer for New Energy projects, we have done several housing projects and power projects in Maldives. As to participate to this prequalification, we currently have 2 things need to be clarified by your office. please kindly give us more information about these as soon as possible.</p>		
21			What's the tentative schedule for the next bidding stage?	The current scheduled Date for issuing Request for Bids to Prequalified Applicants is January 2021 and Bid Opening is expected to be in April 2021.
22		<p>.... is a company focused specifically on floating solar plants on highly loaded areas such as the sea (and cyclone prone areas). We were reading the documentation of the tender and based on that we have some questions:</p>	What are the tides in the associated areas?	<p>The pre-qualified Applicants will be provided access to data room, which would provide detailed technical information with respect to the project including site specific information, historical weather data, etc. and the results of feasibilities.</p> <p>In addition, reasonable time will be given for the bidders to do site visits and do their own due diligence studies.</p>
23		<p>From the document: Detailed Risk Assessment in Maldives, a storm surge with of 1.53 m above MSL (Mean sea level) can occur.</p>	What is the maximum storm surge to be taken into account?	Refer to item number 22.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
24		From the document: Detailed Risk Assessment in Maldives, monsoon related storms occur frequently with wind speeds over 40 knots.	What is the maximum design wind speed in the associated area?	Refer to item number 22.
25		While open sea waves do not occur at the locations of interest every wave above 1.0 m may have impact on the design. Most current suppliers of floating systems limit their floater application to 1.0 m wave height.	Wave height? Is there more known about the actual wave height at the locations of interest?	Refer to item number 22
26		For both the Hithadhoo and Maradhoo sites the water depths are 2-3 and 1-2 m respectively.	Is there a chance the water depth will be below 1 m for the locations? Are there any occasions that these water depths are below 1 m?	Refer to item number 22.
27		Typical marine growth in tropic environments can reach 150 mm and is sufficient to pull standard floaters below water.	What is the maximum marine growth that is expected in that area?	Refer to item number 22.
28		As publicized on the website of the Ministry of Finance, the Government of the Republic of Maldives is implementing Accelerating Renewable Energy Integration and Sustainable Energy (ARISE) Project with the support of World Bank and invites investors for Installation of 21 MW Grid-tied Solar Photovoltaic System In Addu City, Guvahmulah City, GDh.Thinadhoo, B.Eydhafushi and Lh. Hinnavaru under	We would like to express our strong interest in the subject project, and we plan to submit the pre-qualification documents with the basis of Joint Venture. However, there are a lot of preparation has to be done before the submission so that we may not able to get the documents ready before the deadline dated 12th March 2020. Therefore, we hereby apply for the time extension for the deadline to 11th April 2020.	Refer to Addendum 03 published on www.finance.gov.mv



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
		<p>Design, Build, Finance, Own, Operate, and Transfer Basis (Project Number: TES/2019/W-146), consisting of two lots:</p> <p>A. Lot One: Installation of 10 MW Floating Solar Photovoltaic System in Addu City</p> <p>B. Lot Two: Installation of 11 MW Land Based Solar in Addu City, Fuvahmulah City, Kulhuduffushi City, GDh, Thinadhoo, B.Eydhafushi and Lh.Hinnavaru</p> <p>Your kind understanding and prompt handling will be highly appreciated.</p>		
29			In case we are interested in bidding for both lots, could we apply as part of a JV for one lot and as a single entity for the other?	YES. Refer to item number 9.
30	Section 4.1	Specific Experience	Please clarify if the required experience (i.e., having completed at least 2 floating solar projects of at least 300kWp) is 300kWp for each of these 2 projects, or it is 300kWp as cumulative with these 2 projects	Refer to item number 1. Please refer to Addendum 3 Refer to ITA 25.3.
31	Form EXP - 4.1(a)/ Form EXP - 4.1(b)	Specific Experience	Can we have one set of references for both lots as same projects would qualify for both requirements. The experience requirement for both lots is the same.	YES, Applicant may provide one set of references. However, Applicant is required to meet the aggregate qualification requirements as applicable. Refer to ITA 25.3.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
32			Can the deadline be extended? This is because currently courier of originals directly from our offices in China would take longer than expected due to prevailing situation in China, unless Electronic copies of our submission are accepted, we would request you to consider a fair extension considering the unusual circumstances	NO, Applicants shall not have the option of submitting their Applications electronically. Refer to Addendum 03 published on www.finance.gov.mv
33			We are intending to submit our proposal as a Joint Venture and also please note that the Company do not have 3 year audited financial statements to show our average net worth of 10% required as per the prequalification document, but our current financial net worth is higher than the minimum financial requirements stated in the prequalification document. Therefore, please advise us if our proposal can be accepted for the project.	Refer to Article 3.1 (ii) of Section III, Qualification Criteria and Requirements. The Applicants are required to submit audited balance sheets / financial statements for the last three years.
34			The project capacity mentioned is AC Capacity or DC Capacity?	The project capacity mentioned is DC capacity. Applicants are requested to refer to Section VII. (Overview).
35			Required Pre-Qualification set of documents are not mentioned in the issued document. Can you please provide us the list of documents required?	Refer to the Section IV. Application Forms. The list of forms to be submitted by the Applicant, along with attachments (as applicable) has been provided.
36			Request you to please provide us the bank details so that we can make non-refundable registration fee of USD 100.	Payment is either by cash/cheque at the Ministry of Finance between 0830 and 1200hrs on all working days during the registration period, or by electronic transfer to a designated bank account, information of which can be requested through email to ibrahim.afiah@finance.gov.mv .
37	Section III, pg 24 and 25, and page 31	Substantial completion (80% completed projects) is taken into consideration for eligibility; However, on page 31 the following is also stated, "Developing Projects in the Solar energy industry means successful commissioning of a	The two statements seem to contradict. On our side while, we don't have 2MW of commercial operating solar projects. We are able to present 2MW as combination of both completed and substantially completed projects.	Refer to the amendment for Section III, Qualification Criteria and Requirements.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
		project and declaring commercial operation".		
38	Section I, 4.3		Could you please clarify what is the rationale behind the point and whether X. PLC. can bid as the investor and X (Pvt) Ltd can work as the Contractor.	Refer to Section I. Instructions to Applicants, ITA 4. Eligibility; ITA 24. Subcontractors; ITA 25. Evaluation of Applicants, etc. and subsequent amendments in BDS and Addendum 3. The Applicant may evaluate its relationship between the two entities in line with Section 4.3 and 4.4.
39			What's the responsibility of the World Bank in this project? How would they support this project?	<p>This sub-project is supported by World Bank administered Accelerating Renewable Energy Integration and Sustainable Energy (ARISE) Project.</p> <p>From a package of options to mitigate investors' risks, selection and implementation of mechanisms to: (a) mitigate the risk of payment default in connection with power purchase agreements entered in to with independent power producers, through the provision of (i) guarantees, and (ii) cash security deposits; and (b) reduce the impact of the financial cost of independent power production on the tariff.</p> <p>Additional more specific details will be provided to all pre-qualified Applicants at the Request for Bid stage with respect to any such potential support.</p> <p>Refer to Section VII. (Overview).</p>
40			Who is the owner of all the sites to build the PV plants?	<p>Sites identified for the PV installation has been secured by the Government in consultation with Councils.</p> <p>Refer to item number 22.</p>



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
41	item 6		Please provide us the energy data & report such as Estimated Electricity requirement in 5years (kW) & 10years, Maximum Peak Load (kW) & time and the current yearly electricity production (kWh/year) of Addu City, Fuvahmulah City, Kulhudhuffushi City, GDh. Thinadhoo, B. Eydhafushi and Lh. Hinnavaru.	Refer to item number 22.
42	Section III. / 4. Experience	It is stated that "If the bidder is bidding for Lot 1, cumulative experience of 2 MW grid connected solar PV project (floating / ground-mounted / rooftop) with at least two floating solar project of at least 300 kWp"	Does this mean we need to have at least two floating solar projects with a cumulative capacity of at least 300 kWp, or do we have to have two projects with an individual capacity of at least 300 kWp (and therefore a cumulative capacity of at least 600 kWp)?	Refer item number 1 and Addendum 3 above.
43	Section III. / 4. Experience	It is stated that "the Applicant Net Worth shall not be less than US\$ 300,000 per MW of the bid capacity or equivalent in any other currency."	If we only bid for one lot, does the MW of the respective lot apply (i.e. 10 MW for lot 1, resulting in a net worth requirement of 3 million USD), or does the combined MW of both lots apply even when bidding for one lot (i.e. 21 MW, resulting in a net worth requirement of 6.3 million USD).	Refer item number 8. Refer to ITA 25.3; Section IV. Form FIN 3.1 which provides formula for calculation of net worth.
44		https://seci.co.in/web-data/docs/tenders/Tender%20Doc%20Lakshadweep.pdf Technical requirements Section VII/C/27 page 306ff)	Will there be any technical requirements specified in the tender for the floating system and/or materials (e.g. UV protection standard, PV panel minimum height clearance, modular layout)? Any specific requirements for the mooring system, anchors and cabling? We are asking due to the technical specifications published in a recent tender for Lakshadweep Islands in India, which closely resemble the Maldives.	YES. Refer to Item number 22.

Item No.	References	Quoted Text	Question	Clarifications/Confirmation
45			<p>.....has floating solar platforms designed for different maximum wave heights and wave periods, and a higher wave resistance of the platforms comes at a higher cost. Past incidents (disintegration of a pilot floating project in the Maldives or the fire at the 13 MW Chiba Yamakura floating solar installation in Japan) have shown that inadequate floating platform or mooring concepts are a severe hazard for the entire system and the environment. Therefore, to choose the right version of our product, the required wave resilience needs to be taken into account. Will you provide independently audited wave measurements over all monsoon seasons of the year that show significant and 99% significant wave heights and wave periods in the suggested locations for floating solar to verify the information given in the prequalification document that wave conditions are moderate? The "Detailed Island Risk Assessment" of Hithadhoo by UNDP of 2006 (http://ndmc.gov.mv/assets/Uploads/DIRAM-Vol3-DIRP1-Hithadhoo-V2.pdf) suggests that wave action around Hithadhoo can be significant, including on the lagoonward side of the island due to swell and storm surge effects. We have also inquired with the environmental consultant Hussein Zahir, PhD, who is cited in the prequalification document. He suggested that swell waves of 1 meter could occur in Hithadhoo. Furthermore, wind waves have so far not been considered in existing assessments. From our own studies we can provide wave measurements performed in similar locations in the Maldives suggest that waves > 1 m and wave periods of 2-13 seconds could occur in Hithadoo and Maradhoo locations.</p>	Refer to item number 22 above.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
46			In case no detailed wave measurement data is provided in the tender, and the tender timeline does not allow for sufficiently long wave measurements by the winning bidder, may be the bidder design the system based on the assumption that only moderate waves will occur in the allocated location? If so, what will be the consequence in case of system failure due to stronger wave occurrence? Will a warranty over the period of the PPA on the on structural integrity of the floating system be required?	Refer to item number 22 above. Section VII, Scope of Works
47			The proposed location for Lot 1 is in a marine environment which comes with additional environmental and technical difficulties. Does the bidder need to have any experience in building solar systems or other structures in the sea? If yes, could you please provide specifics of how this experience should be documented (e.g. exiting references etc.)?	Applicants would need to show experience of undertaking similar projects as per the format provided in Form EXP - 4.1 (a) and (b) Specific Experience - in "Developing Projects" The similarity of such projects shall be based on the physical size, complexity, methods/technology and/or other characteristics described in Section VII. Scope of Works
48			The proposed areas feature seagrass. Environmental damage can be avoided if enough sunlight is permitted to reach the seabed (e.g. by sufficient distance between blocks of panels, by elevating the solar panels and leaving gaps between arrays of solar panels or similar). Will there be a requirement to leave unshaded areas and avoid full-shading of the seabed?	More specific requirements will be detailed in the Bidding Document. Refer to item number 22 above. Section VII. Scope of Works.
49			With the specified area, the solar power capacity cannot be reached in the three floating solar locations without fully shading the area. Can a larger area be used to reach the capacity, or can the capacity be decreased to make an environment-friendly design possible?	Refer to item number 48 above.

Item No.	References	Quoted Text	Question	Clarifications/Confirmation
50			Mooring systems at sea / for larger waves are different from freshwater / small water installations, as they have to allow for wave, wind and tide interaction, and therefore might require more space. Are the space allocations fixed or can be expanded if the desired capacity offshore solar system cannot fit into the designated area?	Refer to item number 48 above.
51			If the winning bidder finds that other locations close to the respective islands are more suitable for the floating solar installation, can he propose to use these instead?	Refer to item number 22 above. The optimal locations (within indicative areas highlighted in the PQ document) will be decided based on further feasibilities and will be shared with the pre-qualified Applicants.
52			The Land Use Plan for Addu commissioned by the Government of Maldives mentions a potential future land reclamation in the location(s) indicated for the floating solar systems. If this prohibits usage of the location(s), can and will the location(s) be shifted to an area that does not have a potential development use for land reclamation, i.e. into deeper waters? Will there be a provision for additional cost to the bidder in case the system needs to be moved during the PPA period, or is there a guarantee the allocated space(s) will be available for the entire PPA period?	Sites identified for the PV installation has been finalized in consultation with City Council. It is not expected to have any major deviation in location for PV installation respect to the indicative areas shared at PQ stage. Also refer to item number 22 above. Section VII. Scope of Works.
53	page 67		In the document on page 67 it is stated that the location "Site #4 – Hulhudhoo Meedhoo Harbor Location" is likely to be changed to a Southwest location of the main harbor. Could you provide the alternative location on a map?	Refer item number 22 and 52 above.
54			Will there be any country-specific experience or local maintenance staff capacity required for the project?	Detailed scope of work and requirements would be part of the Request for Bids document and will be issued to the pre-qualified Applicants.
55			We would like to have the confirmation that the tender will be based on the price per kWh sold to the Utility in an IPP contract for a duration of minimum 20 years?	Refer to Item number 5 above.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
56			Will the bids be allowed to be 100% in Foreign Currency (EURO or DOLLAR for instance)?	Please note that project terms and conditions of contracts would be provided at the Request for Bids stage to all the pre-qualified Applicants.
57			Will there be some kind of government support warranty for securing the long-term payments to the IPP?	Refer to item number 39 above.
58			Is there already a legal framework that allows such kind of contracts to be secured?	Refer to item number 39 above and to Section VII. Scope of the Project.
59			Can the award of the two lots be made to the same bidder?	YES. Please refer to Addendum 3 above and Section III. Qualification Criteria and Requirements.
60			We are very keen to participate in the forthcoming tender for the above-mentioned work. As per your RFP the prospective bidders need to send the queries for the tender by 13th February 2020, 14hrs. But as your requirements are very high, it will take much time to prepare a proper estimation of the work and understand the scope. As a result, it is not possible for us to prepare our queries within the specified time. We kindly request for an extension of time for tender clarifications submission by at least 15 days and therefore extend the bid submission date accordingly. We hope, you would grant our request to ensure fair participation of all bidders.	Refer to Addendum 03 published on www.finance.gov.mv
61	Page 24, 4. Experience, 4.1 (a) Specific Experience Developing Projects nd, Page 39, Form EXP - 4.1(b) – For Lot2, Specific Experience in “Developing	“ii) If the bidder is bidding for Lot 2, cumulative experience of 2 MW (floating / ground-mounted / rooftop solar PV project) with at least two solar ground mounted project of 500 kWp” and, "Developing Projects" (floating/ground-mounted/rooftop projects) in the solar energy industry means successful commissioning of a	If the Applicant has more than 51% equity stake in one project of a size exceeding 5 MW, would he still meet the specific experience requirement?	The Qualification Criteria has been revised. Refer Addendum 03 above. Refer item number 1 above.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
	Projects”	project and declaring commercial operation, in which the Applicant – (i) was an EPC contractor; or (ii) held an equity stake of not less than [51] % at the time of declaring commercial operation; or (iii) The Applicant developed the project on his own balance sheet”		
62	Page 23, 3. Financial Situation and Performance, 3.1 Financial Capabilities and, Page 24, 4. Experience, 4.1 (a) Specific Experience - Developing Projects		In the case that the Applicant bids as a Joint Venture, is there a minimum shareholding amount that each of the JV participants must have as a part of the Joint Venture for the Applicant to meet both Financial Situation and Performance and Specific Experience - Developing Projects compliance requirements?	Such a requirement is not anticipated. Refer Addendum 3 above. Refer to ITA 4. Eligibility.
63	Page 24, 4. Experience, 4.1 (a) Specific Experience - Developing Projects and, Page 18, ITA 24.2	“(i) If the bidder is bidding for Lot 1, cumulative experience of 2 MW grid connected solar PV project (floating / ground-mounted /rooftop) with at least two floating solar projects of at least 300 kWp” and, “Applicants planning to subcontract any works shall specify, in the Application Submission Form, the activity (ies) or parts of the works to be subcontracted. Sub-contractors’ qualification and experience will not be considered for evaluation of the Applicant. The	Given the still limited floating PV track record outside Japan and China, can a support agreement with a specialized subcontractor with track record with excess of 10 MW be sufficient to meet the specific qualification criteria?	The Qualification Criteria has been revised. Refer Addendum 3 above. Refer item number 38 above.



Item No.	References	Quoted Text	Question	Clarifications/Confirmation
		Applicant on its own (without taking into account the qualification and experience of the sub-contractor) should meet the prequalification criteria.”		
64	Page 49	“The selected bidder would be required to sign a standard PPA with the existing Service Provider for 15-20 years. The sites would be made available through separate space lease or license agreements (Site Agreements) facilitated by GoM between the site owners and selected bidder as per the terms and conditions specified in the relevant Site Agreement. The bidder shall commission the project by a scheduled commercial operations date”	Is it possible to obtain the timeline outlining the key dates from submission of the Pre-Qualification Application, as: selection of pre-qualified bidders, issuance of RFB, submission of RFB, signing of PPA and COD?	Refer item number 21 above.

End of Document

