بسم الله الرحمن الرحيم

Ministry of Finance
Ameenee Magu, Male', Republic of Maldives
Telephone: (960) 334 9266, Fax: (960) 332 0706

މިނިސްޓްރީ އޮފް ފިނޭންސް
އަމީނީމަގު ، މާލެ، ދިވެހިރާއްޖެ

CLARIFICATION 1

ކްލެރިފިކޭޝަން 1

ނަންބަރު **No:**	**TES/2021/G-014**	
ޕްރޮޖެކްޓް Project:	**Procurement of Design, Supply and Installation of Grid – tied Solar PV-Storage Diesel Hybrid Power Generation Plants in HA.Hoarafushi under Power Purchasing Agreement.**	
ތާރީޚް Issued Date	**September 19, 2021**	
ސަފްހާގެ އަދަދު No. of Pages: -08	ބީ.އޯ.ކިއު BoQ: -00	ކުރެހުން Drawings: -00

Please include this amendment when submitting the bid ބީޑް ހުށަހަޅުއްވާއިރު މި އެޑެންޑަމް ޓެންޑަރ ޑޮކިއުމަންޓާއި އެކު ހުށަހަޅުއްވަން ޖެހިވަޑައިގަންނަވާނެއެވެ.

Attached with, please find;

- **Clarification 01**

ނަން **Name: Fathimath Rishfa Ahmed**	ސޮއި **Signature:**

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Design, Build, Finance, Own, Operate, and Transfer 02 MWp Grid-tied Solar Photovoltaic System and Battery Storage System in HA.HOARAFUSHI Island

TES/2021/G-014

Clarifications 01

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

Item No.	Query / Question	Responses / Confirmation / Addendum
1	Could you please confirm that according to ITB 19.1 you will accept the Bid Security is issued by both bank or non-bank financial institution (such as an insurance, bonding or surety company)	Please refer ITB 19.3 of the Bidding Document
2	The Section C of the License Agreement indicates the following: "Accordingly, the Licensee desires to construct, own and operate grid connected solar PV electric generating facilities situated at the roof top of Government owned buildings and such other spaces…". Please confirm that "such other spaces" includes the proposed location for floating PV installation.	All the sites utilised for implementation of the project is covered under the licence agreement. Please refer to revised licensing agreement issued with Addendum 02

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Item No.	Query / Question	Responses / Confirmation / Addendum
3	The License Agreement finishes with the phrase “the Parties agree as follows:”. Please clarify if there is more text after this.	Revised license agreement issued with Addendum 02
4	Does the Government of the Republic of Maldives give any guarantee for the payment of the purchase price? There currently is not a clear buy-back guarantee from the government in case of a default of FENAKA.	The Government does not provide financial guarantees for projects of similar nature. However, there are numerous ongoing and effective projects under Power Purchasing Agreements for Solar PV energy generation in Maldives. Fenaka Corporation Limited is a 100% state-owned enterprise and the Government assures that Fenaka Corporation Limited has been abiding to all such agreements, and there is no record of a default by Fenaka.
5	The “Section III - Evaluation and Qualification: Criteria - 1. Technical Evaluation” establishes a minimum capacity of at least 1 MWp total, but the Employer’s requirements indicates the construction of a 2 MWp floating solar PV plant. Please clarify.	Please refer to the Addendum 02
6	The “Section III – Evaluation and Qualification Criteria - Eligibility and Qualification Criteria” indicates that the requirement for 4.1 General Construction Experience of 2 MWp grid connected solar PV projects must be met by each member, but the 4.2 Specific Experience establishes that at least 75% of the cumulative experience requirement of 2MW must be met by one member. Please clarify.	Please refer to the Addendum 02

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Item No.	Query / Question	Responses / Confirmation / Addendum
7	Please confirm the minimum key personnel and the qualifications and work experience required.	The bidder shall adhere to the requirements specified on " Section VII - Technical Requirements " and provide details of key personnel that the Bidder considers appropriate to perform the works specified on "Part B-Specifications" Refer Section IV Bidding Forms and Tables of Form: Form PER -1 and PER -2
8	Please confirm the minimum equipment requirements to be submitted. The tender documents establish: ". The Bidder must demonstrate that it has access to the key equipment listed hereafter," since the list is blank: (Table)	The contents under "Section III – Evaluation and Qualification Criteria, D. Qualification, 6. Equipment" is not applicable / to be deleted. Please refer to Please refer to the Addendum 02
9	The "Section VII – Contract Forms: B.7. TECHNICAL SPECIFICATIONS FOR KEY PV PLANT COMPONENTS" indicates that systems shall be handed over after 15 years to the Utility and should have at least a further 10 year useful life. Bidders are to offer solar PV plant to meet the minimum capacity requirement with a design life of 20 years, so the systems should have at least a further 5 year useful life. Please clarify.	As per section B7 TECHNICAL SPECIFICATIONS FOR KEY PV PLANT COMPONENTS, the bidders are expected to provide performance specifications for 20 years though the expected useful life shall be at least 25 years.
10	Regarding "Section III - Evaluation and Qualification: 4 Experience", please confirm if parent companies, subsidiaries, or affiliates, could satisfy the qualification criteria 4.1 and 4.2.	As per ITB 37.2 in assessing the qualifications of the bidders, "The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors if permitted in the Bidding document), or any other firm(s) different from the Bidder."

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Item No.	Query / Question	Responses / Confirmation / Addendum
11	Could you please provide us with the Hourly Load in an excel file?	Attached with this Clarification 01
12	Could you please provide us with the PV Energy Produced from Existing System in an excel file?	Attached with this Clarification 01
13	Could you please share with us the URA and Fenaka standards for Safety, switchgear...?	The standards are published on URA website. https://www.ura.gov.mv/downloads/ Please contact URA for any further clarification.
14	Would it be possible to use an inverter with DC Voltage inputs at 1.500V? Nowadays it is an international standard.	Inverter DC input voltage is acceptable up to 1500 VDC. Please refer to Addendum 02
15	Would it be possible to use an inverter with AC Voltage output higher than 400V? Nowadays it is an international standard.	"As Maldives commonly operates at 400 V for LV systems, 400 V should be used where it is an option without cost impact."
16	For an MV Enclosure an IP Rating of IP65 it´s a high demanding requirement. Could you please change this requirement to IP45?	IP rating required is IP65.

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Item No.	Query / Question	Responses / Confirmation / Addendum
17	Which stakeholder will be responsible for providing guarantee/security for the payments over the project period? What type of guarantee/security will be provided?	While there are numerous ongoing and effective projects under Power Purchasing Agreements for Solar PV energy generation in Maldives. The Government as a stakeholder of the project, assures that the 100% State owned company - Fenaka Corporation Limited, has been abiding to all such agreements, and there is no record of a default by Fenaka Corporation Limited. The Government does not provide financial guarantees for projects of similar nature.
18	Is Government of Maldives is a stakeholder in this project? If so, would the Government of Maldives provide any sort of guarantees for this project?	Although the Government is a stakeholder of the project, the Government does not provide financial guarantees for projects of similar nature. However, there are numerous ongoing and effective projects under Power Purchasing Agreements for Solar PV energy generation in Maldives. Fenaka Corporation Limited is a 100% state-owned enterprise and the Government assures that the company has been abiding to all such agreements, and there is no record of a default by Fenaka Corporation Limited.
19	Is there any estimate or idea regarding the lease rate of the proposed PV installation land area through out the project period?	Please refer to “Section VII - Technical Requirements, A.2. PROJECT INVESTMENTS AND ARRANGEMENTS” of the bid document.

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		"The selected bidder would be required to sign a standard PPA with the Utility for a period of 15 years. The site would be made available free of charge through a separate agreement (license agreements) between the site owner (HA.Hoarafushi Council) and the selected bidder as per the terms and conditions specified in the relevant Site Agreement."
20	We would also like to know if there is an EIA done for the proposed location for PV Installation?	No EIA has been done for the proposed PV site/project however, the winning bidder shall "Fulfil the requirements in the EIA regulations, 2007." as per section VII, B-1 of the bidding document. Furthermore, as a reference, the most recent EIAs conducted in the area are published on EPAs website. https://en.epa.gov.mv/reports
21	Would the proposed system require to communicate with existing PV system installed in the island for grid stability? If so, could you please provide us the details of the existing Hybrid PV System using in the Island?	HA. Hoarafushi council / FENAKA should be able to provide the details of the existing system.
22	Since this project is a floating solar project, would you mind sharing more data regarding the proposed location's depth (high-tide and low-tide), waves and other environmental factors that may affect the floaters?	No site assessments have been carried out as part of the development of this bidding document. As per Section VII, B-1 (page 93) it is bidders' responsibility to carry out site assessments.

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		Furthermore, as a reference, the most recent EIAs conducted in the area are available on EPAs website. https://en.epa.gov.mv/reports

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