



Republic of Maldives

CLARIFICATIONS 03

Request for Bids

DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF BATTERY ENERGY STORAGE SYSTEMS (BESS) IN SELECTED ISLANDS IN MALDIVES

RFB No: MV-MEE-283164-GO-RFB

**Accelerating Renewable Energy Integration and
Sustainable Energy (ARISE) Project**

Issued on: November 07, 2022

Issued by:

Ministry of Finance

Republic of Maldives



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Ministry of Finance
Male' Republic of Maldives

Accelerating Renewable Energy Integration and Sustainable Energy (ARISE) Project

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Clarifications 03

The following table comprises the responses to the clarifications raised during bid clarification period.

Item No.	Reference / Quoted Text	Clarifications / Question	Responses / Confirmation / Addendum
1	Section III, 4.1 General Experience requirement, bidder required the Experience in th Power Sector under contracts In the role of contractor, subcontractor, or management contractor for at least the last Five (05) years starting 1 st Jan. 2017.	I believe that Consultant of Construction Management is belongs to the management contractor, but I would like to confirm to your office to be sure of the understanding.	Kindly refer to the Section III Evaluation and Qualification Criteria
2		Is Consortium considered as one type of Joint Venture(JV) in this procurement? or they are totally treated as two definitions? Does it mean JV should be registered in commercial chamber and get the organization code legally? Will consortium be accepted as JV?	No. Participation as a consortium is not allowed. In case the Bidder is participating as a JV, Bidder to note that it is not necessary to form a JV before submitting a Bid, but bidder will have to provide a letter of intent to form a JV with the bid. Bidders are requested to refer to Section I - ITB, Clause 4.1 and 11.2 for further clarity.



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3		Regarding 20.1, does it mean eventually all of the member still need to accomplish the registration of JV or it's un compulsory?	The Bidder's query is not clear. Bidder to note that it is not necessary to form a JV before submitting a Bid, but bidder will have to provide a letter of intent to form a JV with the bid. Furthermore, in the case of a JV, all members shall be jointly and severally liable for the execution of the entire Contract. Bidders are requested to refer to Section I - ITB, Clause 4.1 and 11.2 for further clarity.
4	In the case of JV, sub-factor 4.1 mentions that each member must have experience in the power section ... blabla for at least the last five (05) years starting 1st Jan 2017.	Will the JV be qualified or not if one member of the JV was founded later than 1st Jan 2017? (that means one member of the JV has experience less than five years...)	No, The JV will not be qualified. Bidder to note that as per Section III - Evaluation and Qualification Criteria, Clause 4.1, EACH member of the JV is required to have "Experience in the Power Sector under contracts in the role of contractor, subcontractor, or management contractor for at least the last Five (05) years starting 1st January 2017." The Bidder is requested to comply with the same.
5	Page 12, Clause 4.4	All the Bidder's country of origin should be [REDACTED]	The Bidder's query is not clear. Bidder to ensure that the country of origin is as per the requirements in Section I - Instructions to Bidders (ITB) Clause 4.4, 4.8, 5.1 and Section V - Eligible Countries
6		What's the need for unconditional guarantee, Unconditional guarantees are not possible.	Bidder is requested to comply with the requirements as listed out in the Bid Documents. Bidder to note there are no changes to the requirements listed out in the Bid Documents.
7		We as [REDACTED] are one of the biggest solar and ESS manufacture's in [REDACTED] and currently ESS projects are now going in to bidding processes and it will take time to gain that much of Technical eligibility, which has been demanded in the Tender. We can showcase cumulative of 2MWh for BESS installations through Purchase orders and work orders given by the clients. (Technical Eligibility Criteria)	Bidder may please refer to the Notes in Section III - Evaluation and Qualification Criteria of the Bid Documents that indicates the requirement of a Commissioning Certificate or Work Order or Contract or Agreement/LoI along with Performance Certificate for a minimum duration of 06 months. There are no changes to the requirements listed out in the Bid Documents



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8		Standard warranty in the BESS industry is for 5 years and we urge you to keep the standard warranty of 5 years instead of 10 years.	Most reputable BESS suppliers have 10 years warranty as either optional extension or standard. Important to keep this requirement considering benefits of BESS beyond 5 years. No change.
9		Clarification on existing 11kv Transmission line network.	Unclear what bidder is asking. Existing and available information is in the Data Room Section VII, Appendix E
10		Clarification on payment terms.	The Bidder's query is not clear. The Bidder is requested to refer to Section X - Contract Forms Appendix 1. Terms and Procedures of Payment for more clarity on the payment terms.
11		In [REDACTED] BESS is projects are trending now a days and battery storage projects are gaining pace now but there are not much projects have been executed in bulk. Therefore, we kindly urge you to keep the technical eligibility criteria for cumulltive of 2mwh for the project. We are one of the largest Module manufacturing company in [REDACTED] and Top 3 manufacturing capacities in BESS as per the manufacturing and we want to associate with you for these projects.	No changes to Bid Document requirements.
12		As a lithium-ion battery cell manufacturer and energy storage system provider, we are keen to involve your tendering process. In order to check the criteria, could you share with us the bidder qualification criteria?	The Bidder is requested to refer to Section III - Evaluation and Qualification Criteria of the Bid document for the required information.
13	Email you again for clarification of the qualification request, could you please help to make an explanation of Lot one : at least Five USD 18 Million in 4.2(a) Specific Experience (i) on Page 56 and 57 of the BESS document?	Is the "Five" meaning five contracts and each contract value is not less than USD 18 Million in the past five years?	Bidder to note that the "Five" mentioned here is a typographical error. Bidders are requested to refer to Section III - Evaluation and Qualification Criteria, Clause 4.2 (a). The changes will be introduced through an addendum as required. Refer Addendum 02



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14	Page 337, Section-VIII, General Conditions of Contract 14 taxes and duties 14.2 Notwithstanding GCC Sub-Clause 14.1 above, the Employer shall bear and promptly pay	Please specify what kinds of domestic taxes (such as sales tax and value added tax etc.) should be bear and pay by the Contractor for price schedule No. 3, and price schedule No. 4. And what is the rate of the said domestic taxes now?	The supply of goods and services in Maldives is subject to a GST of 6%. Furthermore, bidders should carry out their own due diligence in this regard. Refer: https://www.mira.gov.mv/Default_Eng.aspx
15	Page 41 section II The deadline of Bid submission date is October 27,2022	For better survey of the project sites and better preparation of the tender, you are requested to extend the deadline for bid submission to November 10,2022.	Refer Addendum 01
16	Page 45, Section-III, Function guarantees of the facilities Normal Round Trip Efficiency 88%, minimum 85%	Is auxiliary power supply shall be considered/included in RET? We think the requirement for RET here is the battery efficiency (DC side), please kindly confirm.	Roundtrip efficiency and test is as per IEC 62933. Therefore, measured at the point of connection during a full charge / discharge test at rated power.
17	Page 261, Section-VII, 2.3 Compatibility for future operations Open source code for all software shall be utilized wherever this option is available. Open source code shall be provided as a deliverable, including documentation.	Please note that the Source code for relays and system are property of manufacturer which could not be shared, but we will provide the necessary service work.	Please refer to general conditions of contract in respect of licenses required for the project. Please also refer to documentation deliverables, which includes software required for the operation and maintenance of the plant. This does not specifically refer to source code. However, EMS source code requirements are specified in Appendix C to the employer requirements
18	Page 259, Section-VII, 2 Intended Purpose Be capable of integrating with Deep Sea diesel generator controllers, which FENAKA currently uses to control the diesel generators Be capable of interfacing with solar PV plant with SunSpec protocols, and associated switchgear.	We understand the PV plant will be build after BESS project, so for PV protocols, please consider using well known /wide used protocols, such as IEC61850 or Modbus for unify and compatibility the protocol communicate which will good for upgradation and more economic, please kindly consider and accept.	Please refer to Sunspec specification for solar PV inverters, which includes Modbus compliance and capabilities for interface to IEC61850

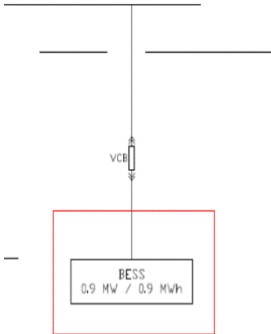


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19	Page 261, Section-VII, 2.2 Robustness to failure The EMS must utilize high quality, industrial standard equipment including PLCs in compliance with IEC 61131 (or similar with higher quality – to be approved by the employer).	If the EMS system adopts the form of grid-level embedded device instead of PLC mode, which can reduce the difficulty of operation and maintenance, and have similar project operation cases, please kindly confirm also acceptable.	Bidder's technical offers cannot be assessed prior to bid closing. Compliance will be assessed in accordance with the ITB. Non-material non-compliances may be acceptable where they achieve the required performance and operational requirements.
20	Page 270, Section-VII, 8.3 Equipment The EMS cabinet shall be rated for ingress protection (IP) class 65 to IEC 60529	The EMS system equipment will be installed indoors/containers and will not be exposed to the outdoor environment, and the requirement IP will be change and design accordingly, please confirm is it acceptable?	Requirements will be changed through an Addendum to IP23 as applicable to indoor installations. Refer Addendum 02
21	Page 195, Section-VII, 9.3 Switchgear Rated Short Circuit Current 21kA/3s	According to the IEC standard of the ring main unit, the form of 20kA/4s or 25kA/2s is generally used. Regarding grid simulation and this Switchgear short circuit capacity shall be finally determined at the design stage, please kindly confirm.	Values cited are nominal and may be modified during detailed design if substantiated.
22	Page 195, Section-VII, 9.3 Switchgear IP Rating: IP65	RMU air box can have IP65, other parts can not meet IP65 requirements as RMU will be installed in indoor / airtight container, please confirm this solution acceptable.	Requirements will be changed through an Addendum to IP23 as applicable to indoor installations. Refer Addendum 02
23	Page 195, Section-VII, 9.3 Switchgear Rain shield	Please noted that Ring Main Unit has No Rain shield as it will located inside of room.	Requirement will be changed through an Addendum to state that for indoors, rain shield is not required. Refer Addendum 02
24	Page 197, Section-VII, 9.3 Switchgear UPS power: Yes, to comprise of rectifier and battery bank	RMU can take power from the AC side of PCS, no need to configure UPS, please confirm this solution also acceptable.	Specification does not preclude use of main BESS for UPS backup power, however, requirement for reserve 12 hours operation without external AC supply must be met at all times. Additionally, UPS is intended to provide backup or critical systems for BESS side faults




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	Backup duration: Minimum 12 hours without AC supply		causing disconnection - Bidder must address how such functionality can be maintained if the PCS is the backup power source.
25	Page 247, Section-VII, 9.3.1 Inverters Be rated to IP65 (minimum)	For the island environment, there is a high salt fog scene, so the PCS equipment will be an indoor model (IP20), the PCS will be installed in a closed container, and will not directly interact with the outside, the container as a whole has a C5M level, please confirm this solution acceptable.	Bidder's technical offers cannot be assessed prior to bid closing. Compliance will be assessed in accordance with the ITB. Non-material non-compliances may be acceptable where they achieve the required performance and operational requirements.
26	Page 260, Section-VII, 2.1 Operation The EMS is intended to be a PLC based dispatch style controller, issuing instructions and updating data input typically on a time scale of 0.2-2	The EMS system will take the form of server-based and embedded intelligent devices, which will have higher system availability and running speed, a high degree of integration, and the relevant equipment has IEC certification. Please confirm this solution acceptable.	Bidder's technical offers cannot be assessed prior to bid closing. Compliance will be assessed in accordance with the ITB. Non-material non-compliances may be acceptable where they achieve the required performance and operational requirements.
27	Page 268 7 Interfaces 7.1 Thermal generation Section VII – Employer’s Requirements Any additional control modules, interfaces, or supplementary equipment needed for the generator master controller to accommodate the EMS interface and control strategy shall be provided by the Contractor, and included in their design (including cabinets, power supply, etc.).	We understand the generator master controller and PV interface should be provided by employer/other contactors and the related facilities should have such capacity/function to connect with our EMS.	For thermal generation, existing generator master controllers are as specified in the RFB and are expected to remain in place. BESS Contractor will be responsible to interface with this existing equipment. Employer has confirmed with supplier that configuration options exist to integrate with microgrid controllers for generator scheduling / start-stop. MV connected Solar PV installations will be Subspec modbus compliant and have a RTU / switch connected to grid fiber communications. BESS Contractor will be responsible for communicating to this equipment relevant commands as necessary for stable operation of the grid, in accordance with the Employer Requirements.
	P151 Section VII 1.2.2 Scope of Project 6.Installation of communication devices and setup of communication architecture for interfacing of BMS,	please provide the existing communication architecture , including specific configuration and connection of	There is currently no local SCADA system. Centralized SCADA is DHYBRID as per Data Room Section VII, Appendix E



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	<p>PV communication devices, generator controllers, feeder load shedding devices etc.</p>	<p>local SCADA,PV communication devices, generator controllers, feeder load shedding devices and protocol. Further, the PV communication devices, PV power controller etc. of remote PV power station are not included in contractor' scope (under scope of other PV project contractor), please confirm.</p>	<p>Confirmed that PV communication devices, PV power controller are not part of BESS Contractor's scope</p>
29	<p>P158 Section VII 2.8 Battery Limits 1. The point of connection, being the circuit breakers provided on the 11 kV or 415 V (as relevant) thermal power station bus (Contractor to terminate)</p> <p>Page 201 VII 9.7 Protection 1. For sites where there is an 11 kV connection for the BESS, the Contractor shall connect the MV side of the transformer to a circuit breaker, to be provided by others, on the power station main switchboard.</p> <p>2. Power house single line diagram</p> 	<p>From this discription, we understand the 11kV /415V interface is at the circuit breaker terminal provided by the owner/others. i.e. in the single line diagram, the supply and installation of VCB are not in contractor scope, and the contractor only work after the VCB within the red line, please confirm our understand.</p>	<p>Confirmed</p>



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30	<p>Page 151 Section VII-Employer's Requirements 1; 6. Installation of communication devices and setup of communication architecture for interfacing of BMS.....to a central SCADA...</p> <p>2. a. some network (currently 4 of 20) have existing or proposed micro-grid controller,</p>	<p>1. Please clarify Where does the central SCADA located (which island), and how far from the central SCADA to the farthest BESS power plant?</p> <p>2. please provide the brand and model of the existed or proposed micro-grid controller of the 4 nos. power stations / islands.</p>	<p>1. The Central SCADA system is installed in the office of NCIT on Male', with a dedicated link to FENAKA offices.</p> <p>There is currently no local SCADA on the project islands. For consistency with other installations, Contractor will be required to install a fibre optic cable link from the EMS at the powerhouse to the local Council building on each island. The Employer will provide an internet access point at the local Council building for wireless connection to Central Server.</p> <p>Refer Addendum 02</p> <p>2. Refer Data Room Section VII, Appendix E</p>
31	<p>Page 158 section VII The communications interface Third party internet service provider (internet connection point to be provided by contractor)</p>	<p>From this description, we understand the communication work under contractor only installation devices and interface within each island/ power station. From each island/power station apply wireless from third part (internet service provider) to central SCADA and other work in central SCADA are not included in contractor work, please confirm our understanding.</p>	<p>The Central SCADA system is installed in the office of NCIT on Male', with a dedicated link to FENAKA offices.</p> <p>There is currently no local SCADA on the project islands. For consistency with other installations, Contractor will be required to install a fiber optic cable link from the EMS at the powerhouse to the local Council building on each island. The Employer will provide an internet access point at the local Council building for wireless connection to Central Server.</p> <p>Refer Addendum 02</p>
32	<p>P154 Section VII 2.2 Division of responsibilities matrix</p> 	<p>From this description, we understand the communication work under contractor only installation devices and interface within each island/ power station. From each island/power station apply wireless from third part (internet service provider) to central SCADA and other work in central SCADA are not included in contractor work, please confirm our understanding.</p>	<p>The Central SCADA system is installed in the office of NCIT on Male', with a dedicated link to FENAKA offices.</p> <p>There is currently no local SCADA on the project islands. For consistency with other installations, Contractor will be required to install a fiber optic cable link from the EMS at the powerhouse to the local Council building on each island. The Employer will provide an internet access point at the local Council building for wireless connection to Central Server.</p> <p>Refer Addendum 02</p>
33	<p>Page 1 DHYBRID_Central SCADA_Overview_rev001 Other information of ARISE BESS bid data room Requested through tender, those islands are equipped with a SCADA (supervisory control and data acquisition) system to enable local operating personnel as well as Malé-stationed management and data</p>	<p>We understand this DHYBRID UPP SCADA document of 26 islands +5 islands are already completed project by [REDACTED] which are provide for reference only.</p>	<p>Confirmed</p>



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	analysts to oversee the production and states of the overall system as well as of its subsystems.		
34	P2 DHYBRID_Central SCADA_Overview_rev001 In addition to those 31 decentralized hybrid control and data acquisition systems, there will be a Central SCADA system installed in the office of NCIT (National Centre for Information Technology) on Malé.	Whether the Central SCADA system had been installed in the office of NCIT on Malé? Is this Male SCADA just the central SCADA mentioned in tender document.	The Central SCADA system is installed in the office of NCIT on Male', with a dedicated link to FENAKA offices. There is currently no local SCADA on the project islands. For consistency with other installations, Contractor will be required to install a fiber optic cable link from the EMS at the powerhouse to the local Council building on each island. The Employer will provide an internet access point at the local Council building for wireless connection to Central Server. Also refer to the "DHYBRID central SCADA overview" in the data room Section VII, Appendix E Refer Addendum 02
35	Document attached of the pre-bid meeting clarifications 1. Island Information Sheet -Phase 1- datasheet for Gdh.Thinadhoo, Gn.Fuvahmulah, S, Addu flies is empty. 2. Other Information - Generator monitoring and control, for documents can not open. (DSE8610-MKII, DES8619mkii, DSE8810-Operators, DES8810-PC Software) 3. Other Information - Genset Monitoring and Control , this document can not open.	Please provide the updated documents.	Refer Clarifications 02.
36		Whether the central SCADA and local SCADA systems have been built already in each diesel power plant?	The Central SCADA system is installed in the office of NCIT on Male', with a dedicated link to FENAKA offices. There is currently no local SCADA on the project islands. For consistency with other installations, Contractor will be required to install a fiber optic cable link from the EMS at the powerhouse to the



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			<p>local Council building on each island. The Employer will provide an internet access point at the local Council building for wireless connection to Central Server.</p> <p>Refer Addendum 02</p>
37		Collect communication network structure diagram and specific configuration for each existing power system.	To be prepared during detailed design.
38		For islands with PV power stations, needed to know the brands, models and configuration of photovoltaic inverter. Whether there are communication interfaces and acceptable communication protocols? Whether the optical cable laying between the PV power station and the diesel power plant has been done? and please provide the specific configuration of the communication devices on both sides (PV and Diesel).	Refer Data Room Section VII, Appendix E
39		For the islands with micro grid controllers in the existing power systems (speculate for those islands with PV systems only), We need to learn about related brands (Siemens or not) and specific models' information.	Refer Data Room Section VII, Appendix E
40		Whether the existing distribution room has enough space for additional switchgear and EMS (in control room).	FENAKA will ensure sufficient provisions of space for reasonable requirements of EMS cabinet and associated connections. Additional switchgear for BESS as provided by BESS Contractor may be able to be accommodated on a case-by-case basis but is not guaranteed. Bidders are generally expected to provide BESS side switchgear with the BESS enclosure.
41		Provide the configuration requirements for Internet connection with the third party.	The Central SCADA system is installed in the office of NCIT on Male', with a dedicated link to FENAKA offices.



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			<p>There is currently no local SCADA on the project islands. For consistency with other installations, Contractor will be required to install a fiber optic cable link from the EMS at the powerhouse to the local Council building on each island. The Employer will provide an internet access point at the local Council building for wireless connection to Central Server.</p> <p>Refer Addendum 02</p>
42		Whether all diesel power plants are equipped with a load distributor.	Please refer to DSE controller documentation in Data Room Section VII, Appendix E
43	Taxes	Please state taxes that will be implemented by the Government of [REDACTED] during the execution of work	<p>The supply of goods and services in Maldives is subject to a GST of 6%.</p> <p>Furthermore, bidders should carry out their own due diligence in this regard.</p> <p>Refer: https://www.mira.gov.mv/Default_Eng.aspx</p>
44	Point 2.11 Indicative equipment requirements	At some point the word "Y" has been mentioned. Please clarify, what "Y" stands for	Y = Yes indicates that the specified item is required
45	Bid Security	Can the bidder participating from another country can submit the Bank Guarantee from their own country or they have to issue the Bank Guarantee from Employer Country	Please refer to ITB 20.3
46	Solar Power Plant Details	Please share with us the Solar Plant Details	Please refer to the Data Room for available information. Details of some of the solar plants are not yet available.



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47	Form FIN 3.3 Financial Resources	Dear Sir, Requesting you to kindly consider the letter of credit from Bank in the Bidder's Country Currency (i.e. █████ in our case)	Please refer to ITB 20 No changes to the requirements of the RFB.
48	Recommended Spare Parts	Kindly clarify that, if the recommended Spare Parts are considered for evaluation. If it is considered then, kindly clarify then how it is been evaluated (i.e Method for Award of Contract)	Refer to ITB 35.2
49	Reference is made to the "ITB 21.3: The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Power ofAttorney effective for the duration of the proposal validity, signed by legally authorized signatories of the bidder or all of the partners to aJV."	Is the Lawyer Attestation be required for the Power of attorney?	If in case of an original document attestation is not required. However, if the bidder is submitting a copy, then attestation is preferable.
50		Specific Experience 4.2 (a) requirement: Amounts required (Lot One: at least USD 18 Million and Lot Two: at least USD 13 Million) are for a single contract or can be fulfilled by multiple contracts added together?	Can be multiple contracts. Also, refer Section III - Evaluation and Qualification Criteria Footnote No. 8.
51	Financials:	If the financial statements are not required by the law of the country where the company is based to be audited, can we submit unaudited financials certified by the management (CFO/CEO)?	Bidders can submit other generally acceptable substitute documents used in their respective countries. However, any substitute document, at a minimum, should be accompanied by an OFFICIAL (signed and stamped) statement, letter or certificate stating the following by an INDEPENDENT accounting and/or audit firm. "In our opinion, the accompanying financial statements present fairly, in all material respects, (or give a true and fair view of) the financial position of the Company as at December 31, 20XX (or date of financial



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			<p>year ended), and (of) its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRSs) (and/or the laws and regulations of the country at which the entity is registered).”</p> <p>Furthermore, the accounting and/or audit firm should also express their opinion for the entity as a Going Concern.”</p> <p>Only Management Accounts are not acceptable.</p>
52		<p>Due to various technical and commercial proposals need to be prepared precisely according to each island requirement, the bidder SEPD request for extend the bid submission date to 25.Nov.2022.Please approve.</p>	<p>Refer Addendum 01</p>
53		<p>For environmental protection purpose and high efficiency, kindly approve that the original of the bid documents also could be in digital format, not all documents are need to be in hard copy.</p>	<p>Hard copy is required.</p>
54		<p>Could you please provide the preliminary geotechnical investigation report of each island for reference ? We understood that site survey and geotechnical investigation are in contractor scope, but we need some preliminary information for reference at the bid stage.</p>	<p>No geotechnical surveys have been undertaken. Site specific geotechnical data is not available. Bidders may refer to existing public domain data on the geotechnical conditions of the Maldives atolls, noting that any such information shall be considered Supplementary Information (not to be relied upon).</p>
55		<p>As these BESS containers will be installed at 18 islands, the area reserved for BESS at these islands are all accessible now ? Or it will be different schedule ? As we need to manage the logistics properly and construction sequence.</p>	<p>All 18 sites are accessible immediately upon contract commencement. However, schedule priority needs to be discussed and agreed with the Employer as specified in Employer Requirements, section 3 Implementation Period</p>



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56		According to the employer requirements, the chapter 2.11 Indicative equipment requirements: clearly point out BESS DC energy xxx MWh. Could you please clarify this figure is battery nominal capacity or initial usable capacity ?	Indicative equipment requirements show the indicative usable energy storage requirement (DC). Bidders should, however, note the service life requirement of the functional guarantees and ensure that this can be met (all performance requirements of the BESS must be met throughout the service life) with the offered energy storage
57		Considering the short distant between the BESS and interconnection point ,for the cable laying method SEPD will propose directly burial in outdoor and calbe will choose steel armored type.For the indoor part,could please share the way of calbe laying,trech,coduit or cable layer for each islands?	This shall be determined by the Contractor, in consultation with the power station operators (FENAKA) during detailed design
58		Could you please provide each interconnection point single line drawing?	Please see the Data Room Section VII, Appendix E
59		Please clarified whether the poject is a duty free project.	<p>All imported items under the contract for this tender under the ARISE Project will be eligible for duty exemption.</p> <p>However, such an exemption will not include administrative fees, taxes, associated with the import, logistics, installation, etc.).</p> <p>Furthermore, this does not relieve the Bidder of any obligation under the laws and regulations of the country.</p>
60	Bid Security	For the bid security (bank guarantee), can we issue in swift mode to the same bank account we paid the registration fee (or any other one you may provide for the purpose), or we need to submit the bank guarantee in hard copy?	Please refer to ITB 20



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61		Specific Experience 4.2 (a) requirement: Amounts required (Lot One: at least USD 18 Million and Lot Two: at least USD 13 Million) are for a single contract or can be fulfilled by multiple contracts added together?	Can be multiple contracts. Also, refer Section III - Evaluation and Qualification Criteria Footnote No. 8.
62		Financials: If the financial statements are not required by the law of the country where the company is based to be audited, can we submit unaudited financials certified by the management (CFO/CEO)?	<p>Bidders can submit other generally acceptable substitute documents used in their respective countries.</p> <p>However, any substitute document, at a minimum, should be accompanied by an OFFICIAL (signed and stamped) statement, letter or certificate stating the following by an INDEPENDENT accounting and/or audit firm.</p> <p>“In our opinion, the accompanying financial statements present fairly, in all material respects, (or give a true and fair view of) the financial position of the Company as at December 31, 20XX (or date of financial year ended), and (of) its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRSs) (and/or the laws and regulations of the country at which the entity is registered).”</p> <p>Furthermore, the accounting and/or audit firm should also express their opinion for the entity as a Going Concern.”</p> <p>Only Management Accounts are not acceptable.</p>
63		<p>We have noticed that in the link ARISE BESS Bid Data Room of the BESS project, there's no islands information sheets for Thinadhoo, Fuvahmulah and Addu city. Please kindly check and supplement the missing information.</p> <p>In addition, please check and approve our below extension request.</p>	Refer Clarifications 02.



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64		What will be the minimum power output warranty requirement of the BESS system and the rate of deterioration. Year 0 – 10 each year end we have to meet the battery capacity mentioned in the table , Please confirm	Minimum power output is as per the functional guarantees (which reference Employer Requirements, Section 1.13 BESS AC Continuous Power). This must be available over the whole service life.
65		Since its off grid plant 1C application, please let us know is there any chance that both DG & BESS will run parallel ? If yes, we need more details of DG makes for each island and its controller details	When DG is operating, DG will be the isochronous unit and BESS should run in grid-forming droop mode. In case DG is off BESS should have capability to run in grid-forming isochronous mode. BESS and DG will not be paralld in a load sharing sense. Detailed modelling during design should finalize droop settings and any other configuration parameters for stable operation.
66		Can we get auxiliary supply continuously from external or we should consider internal ?	Please see Employer Requirements, Appendix B, Section 6. "Auxiliary loads to be supplied by the BESS rather than via separate feed from the thermal power station"
67		The equipment warranty requirement for the BESS system is 10 years . We can offer only 5 year for PCS & 2 year for battery warranty . Let us know your feedback on this.	Specified equipment warranties are important criteria to ensure that the BESS can meet performance requirements over its life. Bidders' offers cannot be evaluated prior to submission.
68			<p>Updates to ARISE BESS Bid Data Room.</p> <p>Following files have been added for clarification:</p> <ul style="list-style-type: none"> • \Other information \ Related Existing Equipments \ Existing PV \ Addu electric and Civil drawing.pdf; • \Other information \ Related Existing Equipments \ Existing PV \ Thinadhoo Solar PV.pdf;



Item No.	Reference / Quoted Text	Clarifications / Question	Responses / Confirmation / Addendum
			<ul style="list-style-type: none"> • \Other information \ Related Existing Equipments \ Addumainland EMS \ Addu JFJCM EMS-Detailsv1.pdf; • \Other information \ Related Existing Equipments \ Addumainland EMS \ FAT EMS.pdf • \BESS installation area drone maps \ MaabaidhooBESSfinal.png

Important Notes:

- Data Room Link as in Bid Document:
https://mofmv-my.sharepoint.com/:f:/g/personal/ibrahim_aflah_finance_gov_mv/ErPj7QFkAkRKnMS3bykvzw8BZE4iRqBdT4w5cLFcdv4w6A?e=DVMtv5
- All bid related documents are available at the following link:
<https://www.finance.gov.mv/tenders/design-supply-installation-and-commissioning-of-battery-energy-storage-systems-bess-on-selected-islands-in-maldives>

End of Document

