

# Section 3: Evaluation and Qualification Criteria

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# 1. Evaluation

All bids shall be evaluated to ensure that they meet the eligibility criteria defined in clause 2 of this section and are responsive to the requirements of the bidding documents. The technical proposals of only the qualified and responsive bids shall then be evaluated. The technical evaluation will provide 80 % of the scoring (relative to the highest technical score of the bidder with the highest ranking), and the LCOE/Price Evaluation will provide 20% of the scoring (relative to the score of the bidder with the lowest price bid).

The first-ranked bid is the one that:

- (i) is substantially responsive to the Bidding Document, and
- (ii) has the highest score of the combined technical and financial evaluation.

## 1.1 Technical Evaluation

In addition to the criteria listed in ITB 34.1 (a)–(b), other relevant factors are as follows: Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity to successfully implement the contract considering its proposed site organization, method statement, mobilization, and construction schedule (to be described by the Bidder in sufficient detail to demonstrate the adequacy of its work methods, scheduling, and material sourcing) including the extent to which they are presented in a consistent manner and comply with requirements stipulated in Section 6 (Employer's Requirements) without material deviation, reservation, or omission.

Noncompliance with equipment and personnel requirements described in Section 6 (Employer's Requirements) shall not normally be a ground for bid rejection and such noncompliance will be subject to clarification during bid evaluation and rectification prior to contract award.

### 1.1.1 Understanding and Compliance with Requirements

The Bidder's Technical Proposal shall include in sufficient detail a demonstration of a clear understanding of all areas of design and construction work, operations, and maintenance requirements. The Bidder shall demonstrate sufficient planning to show that work will be accomplished as required and on schedule, utilizing all available resources, including sub-contractors. It will demonstrate a firm understanding of the requirements and goals set forth in the scope of work.

The Technical Proposal must include the following Bid Forms, fully completed. The Employer will use the submissions to evaluate whether the technical aspects of the Bidder's bid are in compliance with the Bidding Documents. The required forms are:

- Form TECH-1: Site Organization
- Form TECH-2: Method Statement
- Form TECH-3: Design Schedule
- Form TECH-4: Mobilization Schedule
- Form TECH-5: Construction Schedule
- Form TECH-6: Plant
- Form EHS-1: Environmental, Health and Safety Management Plan
- EHS-2: Environmental, Health and Safety Code of Conduct
- Form PER-1: Proposed Personnel
- Form PER-2: Resume of Proposed Personnel
- Form EQU: Equipment
- Form SUB-1: Proposed Subcontractors for Major Items of Plant and Services
- Form FUNC: Functional Guarantee of the Proposed Facilities

Other forms are required to be submitted as specified in these bidding documents.

The Bidder's completed Technical Schedules shall include sufficient detail to confirm compliance with the technical specifications and to provide specified details as to the technical particulars of the Bidder's offer.

### 1.1.2 Technical Evaluation Criteria

The technical scoring system will assess the quality and adequacy of a Bidder's responses to each of the scored criteria, in its Technical Proposal with a maximum score of 100.

1. Project Approach and Methodology (60%)
  - (a) The technical proposal shall include sufficient information to demonstrate a clear understanding of all the work to be carried out, including objectives, deliverables, and key challenges. (refer, amongst others, to Site Organization (5%) and Design (5%) and Method Statements(5%)). (15%)
  - (b) The Bidder shall demonstrate sufficient planning to show that work will be accomplished as required and on schedule, utilizing all available resources (refer to Construction and Mobilization Schedule). The Bidder shall demonstrate a firm understanding of the requirements and goals set forth in the scope of work, address each requirement and goal outlined in the scope of work and provide technical solutions, including site-specific adjustments, to indicate that requirements and goals will be met on schedule. The Bidder shall demonstrate that it understands the delivery, logistics, transportation, and shipping challenges that may be encountered during the execution of the work and will demonstrate that these challenges and risk mitigation strategies have been considered in the schedule (refer to Construction (15%) and Mobilization Schedule) (15%). (30%)
  - (c) Evaluation of the Bidder's technical proposal will include an assessment of the Bidder's technical capacity to mobilize key equipment and personnel (refer to EQU (5%) and PER-1 and PER-2 (10%)) for the contract consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section 6 Employer's Requirements. (15%)

Evaluation will include an assessment of the Bidder's understanding of scope & requirements, execution strategy & technical approach, logistics & supply chain management, quality management systems and certifications relevant to the project's design, construction, commissioning and its plan to ensure adherence to these quality standards and certifications.

The proposed Project Approach and Methodology shall be scored according to the narrative criteria provided in Table A below.

#### 2. Local participation (20%)

The Bidder shall demonstrate its approach with its plans supporting local participation, including the local contractors and workforce, and introduce capacity-building measures (opportunities) where possible throughout the project implementation phase to ensure the project's operational sustainability. The evaluation criteria will be as follows:

- ❖ Local Workforce Hiring & Training Plan: Demonstration of the commitment to hiring local workers, training programs, and skill development. (7%)
- ❖ Use of Local Subcontractors & Suppliers: Agreements with local companies for services, procurement, and logistics. (7%)
- ❖ Capacity Building & Knowledge Transfer: Plans for long-term sustainability, including technical training for locals. (6%)

The proposed Local participation plan shall be scored according to the narrative criteria provided in Table A below.

**3. Environmental, Health and Safety Management Plan (EHSMP) (20%)**

Specifically, the evaluation will analyse the quality of the environmental, health and safety management plan (EHSMP). The proposal should demonstrate a clear understanding and prioritization of the site-specific risks relating to construction health and safety and environmental and, where applicable, social and sustainable risks and how these risks will be addressed. Evaluation of the proposal from the Bidder in going beyond the requirements for waste disposal as per the obligations and requirements set in Section 6 and related documents. The evaluation will focus on the sediment and erosion control approach, minimization of traffic disruption and reduction of waste and waste footprint during all phases of the project. The maximum score can be only achieved by describing how the Bidder will exceed the requirement.

Unless otherwise stated, aspects (including sub-criteria) of the Bidders' Technical Proposals for which a written description is required will be scored in accordance with the narrative Table A: Basis of Scoring. The evaluation committee will have the discretion to assign an intra band rating within the appropriate score band.

The proposed Environmental, Health and Safety Management Plan shall be scored according to the narrative criteria provided in Table A below.

**Table A. Basis of Scoring**

<b>% of Max. Score</b>	<b>Description of Services</b>
<b>Excellent submission</b> (90-100%)	Significantly exceeds the requirements. Exceptional demonstration by the Bidder showing it has the relevant experience, ability, understanding, skills, and resources required to properly deliver the project on time. Response identifies factors that could offer potential added value. Excellent supporting evidence is provided.
<b>Good submission</b> (80-89%)	Marginally exceeds the requirements. Above-average demonstration by the Bidder showing that it has the relevant experience, ability, understanding, skills, and resources required to deliver the project on time. Good supporting evidence is provided.
<b>Acceptable submission</b> (60-79%)	Satisfies the requirements. The Bidder has demonstrated that it has the relevant experience, ability, understanding, skills, and resources required to deliver the project on time. Sufficient supporting evidence is provided.
<b>Some reservations</b> (40-59%)	The submission does not fully meet the requirements, and the Bidder has not sufficiently demonstrated that it has the relevant experience, ability, understanding, skills, and resources necessary to deliver the project on time. Insufficient supporting evidence is provided.

<b>Serious reservations</b> (20-39%)	Significantly below the requirements. There are major reservations concerning the Bidder's relevant experience, ability, understanding, skills, and resources required to properly deliver the project on time. Little supporting evidence is provided.
<b>Unacceptable submission</b> (0-19%)	Feature is absent/omitted. Does not comply and/or provides scarce information to demonstrate that the Bidder has the ability, understanding, experience, skills, and resources required to deliver the project on time.

## 1.2 Alternative Technical Solutions

Technical alternatives, if permitted under ITB 13.4, will be evaluated as follows:

**Technical alternatives are not permitted.**

## 1.3 Economic Evaluation

In addition to the criteria listed in ITB 39.2 I (a)–(f), other relevant factors are as follows:

The cumulative bid price, as quoted by the Bidder in Schedule 5 of Section 4, shall be considered for evaluation. The Bidders shall not include any financial details in their technical bid submission.

Price adjustments that result from the procedures outlined below shall be added for purposes of comparative evaluation only to arrive at an "Evaluated Bid Price." Bid prices quoted by Bidders shall remain unaltered.

### 1.3.1 Quantifiable Deviations and Omissions

Quantifiable Deviations and Omissions from the contractual obligations: the evaluation shall be based on the evaluated cost of fulfilling the contract in compliance with all contractual obligations under this Bidding Document.

Pursuant to ITB 33.3, the cost of all quantifiable non-material non-conformities or omissions from the contractual and commercial conditions shall be evaluated. The Employer will make its own assessment of the cost of any nonmaterial nonconformities and omissions for the purpose of ensuring fair comparison of Bids.

### 1.3.2 Time Schedule

The time to complete the plant and services from the effective date specified in Article 3 of the Contract Agreement to determine the time for completion of pre-commissioning activities is 24 months. No credit will be given for earlier completion.

### 1.3.3 Method of Evaluation

The bid evaluation process will be as follows:

- (i) **Qualifications:** Bids will first be examined to assess if they meet the qualifications (technical and financial eligibility criteria as prescribed) requirements and a determination of responsiveness of the technical proposal shall be carried out in accordance with ITB 31 and 32. Bids that do not meet the requirements will be disqualified and no longer considered for the next stages of the evaluation process.
- (ii) **Responsiveness:** Commercial and technical responsiveness to the requirements of the Bidding Document is a mandatory and initial step in the evaluation process. Bids that are responsive will pass to the next stage of the evaluation process, i.e., scoring of 'non-price' and 'price' attributes.
- (iii) **Non-Price:** Merit Point Criteria (MPC) is as specified in clause 1.1 of this Section. A technical score is attributed to each bid based on an assessment of the aforementioned criteria. The cumulative minimum technical score required for a proposal to qualify is 70% of the maximum technical score, equivalent to 70 out of 100 points in the Technical Evaluation. Any proposal that fails to meet this minimum threshold will be deemed non-responsive and will not proceed with the bid price opening phase of assessment.
- (iv) **Bid Price:** Bid prices as quoted (clause 1.3 of this Section) will be converted to a single currency and will take into account arithmetic corrections, offered discounts, and adjustments for non-material deviations and other factors specified in this Section. Considering this bid price, the Least Cost of Investment (LCOI) will be evaluated by considering the electricity production delivered by the project.

#### Levelized Cost of Investment (LCOI)

All substantially responsive bids will be compared based on their evaluated bid price computed by following the criterion below for a simplified Levelized Cost of Investment (LCOI), considering 25 years of the life cycle.

$$\text{LCOI value} = (\text{CAPEX}) / (\text{YIELD year-1} + \text{YIELD year-2} + \dots + \text{YIELD year-25})$$

Terms	Values
LCOI	Levelized Cost of Investment
CAPEX	A sum of totals of Price Schedules Nos 1, 2, 3 and 4
YIELD in each of the 25 years	Yield based on the values presented in the Bidder's PVsyst reports for 25 years of generation for each sub-project.
BESS	For the BESS, the guaranteed output by the BESS will be used, assuming one full cycle per day up to year 15. The value provided by the bidders shall be checked against BoL capacity and the RTE.

The LCOI will then be scored, with the lowest LCOI being attributed to the maximum financial score (100) and all other bids being attributed a score prorata to their respective LCOI. The evaluated or adjusted bid price is for comparative evaluation only. Bid prices quoted by Bidders shall remain unaltered.

**Combination of technical and financial scores and ranking of the bids:** The bid price and non-price scores will be combined using the formula below. The bid with the highest combined 'non-price' and 'price' score will be determined as the most advantageous bid.

$$B = \frac{C_{low}}{C} X + \frac{T}{T_{high}} (100 - X)$$

Where:

B = combined technical and price score

C = evaluated bid price

C<sub>low</sub> = lowest of all evaluated prices among responsive bids

T = total technical score awarded to the bid

T<sub>high</sub> = technical score achieved by the bid that scored highest among all responsive bids

X = weight for price = 20%

The bid with the highest combined technical and financial score will be declared the winning bid.

#### 1.3.4 Functional Guarantees of the Facilities

Bidders are obligated to commit to the performance values provided in their proposal and their submitted PVsyst report for year 1. The successful bidder's PVsyst report will take precedence over any other document and will provide the adopted project's Functional Guarantees as per the Table below. These Functional Guarantees are to be met at the plant commissioning stage and one year thereafter.

Functional Guarantee	Min. Requirements	ERQ ref.
<b>Henderson Solar Farm</b>		
Plant DC Capacity	1,000 kWp	Commissioning: mechanical tests
Performance Ratio (PR) as per PVsyst report	85%	Commissioning: PR tests
Plant AC capacity	800 kWac	Commissioning: AC derived from PR tests
Availability	95%	End of year 1
<b>Honiara East Substation BESS</b>		
Battery size (BOL)	5000 kVA/20,000 kWh	Commissioning: mechanical tests
Battery round trip efficiency (RTE)	90%	Commissioning of the battery
Battery SOH	100%	Commissioning of the battery
<b>Honiara Substation BESS</b>		
Battery size (BOL)	4000 kVA/4,000 kWh	Commissioning: mechanical tests
Battery round trip efficiency (RTE)	90%	Commissioning of the battery
Battery SOH	100%	Commissioning of the battery



<b>Ambu Solar Hybrid</b>		
Solar PV Plant		
Plant DC capacity	1,500 kWp	Commissioning: mechanical tests
Performance Ratio (PR) as per Pvsyst report	85%	Commissioning: PR tests
Plant AC capacity	1,200 kWac	Commissioning: AC derived from PR tests
Availability	95%	End of year 1
BESS		
Battery size	1000 kVA/4,000 kWh	Commissioning: mechanical tests
Battery round trip efficiency (RTE)	90%	Commissioning of the battery
Battery SOH	100%	Commissioning of the battery
<b>Solar PV School Rooftop (for each school)</b>		
Solar PV Rooftop		
Plant DC Capacity	Minimum 15 kWp	
Performance Ratio (PR) as per Pvsyst report	Minimum PR is 85%	
Plant AC capacity	Minimum 12 kWac	

BESS		
Battery size	Minimum is 5 kVA/26 kWh	
Battery State of Health (SOH)	Minimum is 100%	
Battery round trip efficiency (RTE)	Minimum is 90%	
<b>Transformer, Henderson Solar, 1.0 MVA</b>		
Substation transformers efficiency	Minimum 98% (full load)	Commissioning of the transformers
Impedance Voltage	Typical value around 4-6% ( depending on design)	
Cooling Type	ONAN	
Tap Changer	Off-circuit or No Load Tap Changer typically $\pm 5\%$ in 2.5 % steps(off-circuit)	
Losses ( No load and Load losses )	Within Specified limits	
Insulation and Di-electric Strength	Power frequency test - 28 kV  IMpulse Test - 75-95 kV peak	
Standard Compliance	IEC 60076 or applicable local standards	
Warranty	Minimum 2 years from commissioning or 3 years from delivery	
<b>Transformers (1.5 MVA) Ambu Solar Hybrid</b>		

Substation transformers efficiency	Minimum 98% (full load)	
Impedance Voltage	Typical value around 4-6% ( depending on design)	
Cooling Type	ONAN	
Tap Changer	Off-circuit or No Load Tap Changer typically $\pm 5\%$ in 2.5 % steps(off-circuit)	
Losses ( No load and Load losses )	Within Specified limits	
Insulation and Di-Electric Strength	Power frequency test - 28 kV  IMpulse Test - 75-95 kV peak	
Standard Compliance	IEC 60076 or applicable local standards	
Warranty	Minimum 2 years from commissioning or 3 years from delivery	
<b>Transformer, 2.5 MVA, East Honiara</b>		
Substation transformers efficiency	Minimum 98% (full load)	
Impedance Voltage	Typical value around 4-8% ( depending on design)	
Cooling Type	ONAN	
Tap Changer	Off-circuit or No Load Tap Changer typically $\pm 5\%$ in 2.5 % steps(off-circuit)	

Losses ( No load and Load losses )	Within Specified limits	
Insulation and Di-electric Strength	Power frequency test - 28 kV  IMpulse Test - 75-95 kV peak	
Standard Compliance	IEC 60076 or applicable local standards	
Warranty	Minimum 2 years from commissioning or 3 years from delivery	
Honiara, BESS, 4MVA Substation		
Substation transformers efficiency	Minimum 98% (full load)	
Impedance Voltage	Typical value around 4-8% ( depending on design)	
Cooling Type	ONAN	
Tap Changer	Off-circuit or No Load Tap Changer typically $\pm 5\%$ in 2.5 % steps(off-circuit)	
Losses ( No load and Load losses )	Within Specified limits	
Insulation and Di-electric Strength	Power frequency test - 28 kV  IMpulse Test - 75-95 kV peak	
Standard Compliance	IEC 60076 or applicable local standards	

Warranty	Minimum 2 years from commissioning or 3 years from delivery	
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The bids must meet the above minimum functional guarantee requirements otherwise they shall be considered as non-responsive bids.

**1.3.5 Work, Services, Facilities, etc., to Be Provided by the Employer**

Where bids include the undertaking of work or the provision of services or facilities by the Employer in excess of the provisions allowed for in the Bidding Document, the Employer shall assess the costs of such additional work, services and/or facilities during the duration of the contract. Such costs shall be added to the bid price for evaluation.

**1.3.6 Specific Additional Criteria**

The following additional criteria will be used in the evaluation: None

**1.3.7 Domestic Preference**

No domestic preference will apply.

**1.4 Multiple Contracts**

This Clause is not applicable.

## 2. Qualification

### 2.1 Eligibility

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	

#### 2.1.1 Nationality

Nationality in accordance with ITB 4.2.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Forms ELI - 1; ELI - 2 with attachments
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#### 2.1.2 Conflict of Interest

No conflicts of interest in accordance with ITB 4.3.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid
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#### 2.1.3 ADB Eligibility

Not having been declared ineligible by ADB, as described in ITB 4.4.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid
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#### 2.1.4 Government-Owned Enterprise

Bidder required to meet conditions of ITB 4.5.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Forms ELI - 1; ELI - 2 with attachments
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#### 2.1.5 United Nations Eligibility

Not having been excluded by an act of compliance with a United Nations Security Council resolution in accordance with ITB 4.8.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid
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## 2.2 Historical Contract Nonperformance

### 2.2.1 History of Non performing Contracts

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Non performance of a contract did not occur as a result of contractor default (including, but not limited to, breach of obligations relating to forced labor or child labor) since 1 January 2020.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Form CON-1

### 2.2.2 Suspension Based on Execution of Bid-Securing Declaration

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Not under suspension based on execution of a Bid-Securing Declaration pursuant to ITB 4.6.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid

### 2.2.3 Pending Litigation and Arbitration

Pending litigation and arbitration criterion shall not apply.

### 2.2.4 Declaration: Environmental, and Health and Safety Past Performance

Criteria		Compliance Requirements			Submission Requirements
Requirement	Single Entity	All Partners Combined	Each Partner	One Partner	
Declare any contracts that have been suspended or terminated and/or performance security called by an employer for reasons related to the non-compliance of any environmental, health and safety contractual obligations in the past five years.	Must make the declaration. If the bidder proposes Specialist Sub-contractor/s to meet EQC 2.4.2, those Specialist Sub-contractor/s must also make the declaration	Not applicable	Each partner must make the declaration. If the bidder proposes Specialist Sub-contractor/s to meet EQC 2.4.2, those Specialist Sub-contractor/s must also make the declaration.	Not applicable	Form CON-2



## 2.3 Financial Situation

### 2.3.1 Historical Financial Performance

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Submission of audited financial statements or, if not required by the law of the Bidder's country, other financial statements acceptable to the Employer, for the last three years to demonstrate the current soundness of the Bidder's financial position. As a minimum, the Bidder's net worth for the last year calculated as the difference between total assets and total liabilities should be positive.	Must meet requirement	Not applicable	Must meet requirement	Not applicable	Form FIN - 1 with attachments

### 2.3.2 Average Annual Turnover

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Minimum average annual turnover of USD 23.3 M calculated as total certified payments received for contracts in progress or completed, within the last three (3) years.	Must meet requirement	Must meet requirement	Must meet 25% of the requirement	Must meet 40% of the requirement	Form FIN - 2

### 2.3.3 Financial Resources

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
For Single Entities: The Bidder must demonstrate that its financial resources defined in FIN - 3, less its financial obligations for its current contract commitments defined in FIN - 4, meet or exceed the total requirement for the Subject Contract of USD 3.89 M	Must meet requirement	Not applicable	Not applicable	Not applicable	Form FIN – 3 and Form FIN - 4
For Joint Ventures: (1) One partner must demonstrate that its financial resources defined in FIN - 3, less its financial obligations for its own current contract commitments defined in FIN - 4, meet or exceed its required share of 40% from the total requirement for the Subject Contract. AND	Not applicable	Not applicable	Not applicable	Must meet requirement	Form FIN – 3 and Form FIN - 4
(2) Each partner must demonstrate that its financial resources defined in FIN - 3, less its financial obligations for its own current contract commitments defined in FIN - 4, meet or exceed its required share of 25% from the total requirement for the Subject Contract. AND	Not applicable	Not applicable	Must meet requirement	Not applicable	Form FIN – 3 and Form FIN - 4

(3) The Joint Venture must demonstrate that the combined financial resources of all partners defined in FIN - 3, less all the partners' total financial obligations for the current contract commitments defined in FIN - 4, meet or exceed the total requirement for the Subject Contract of USD 3.89M.	Not applicable	Must meet requirement	Not applicable	Not applicable	Form FIN – 3 and Form FIN - 4
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## 2.4 Bidder's Experience

### 2.4.1 Contracts of Similar Size and Nature

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Participation as a contractor, Joint Venture partner, or Subcontractor, in at least two (2) contracts that have been satisfactorily and substantially completed within the last ten (10) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds USD 24.90 M. The similarity of the Bidder's participation shall be based on: <sup>a,b</sup> Design, supply, and installation of ground-mounted PV projects (with PV modules, foundations, mounting structures, grid tied inverters, transformers, SCADA system and a monitoring system) of at least 2MWp or higher and a BESS of at least 1MW/4MWh or higher with control systems.	Must meet requirement	Must meet requirement as follows: (i) Either one partner must meet requirement Or (ii) any two partners must each demonstrate one (1) satisfactorily and substantially completed contract of similar size and nature	Not applicable <sup>c</sup>	Not applicable	Form EXP – 1 <sup>d</sup>

<sup>a</sup> For contracts under which the Bidder participated as a Joint Venture partner or Subcontractor, only the Bidder's share, by value, shall be considered to meet this requirement.

<sup>b</sup> For contracts implemented by a Joint Venture contractor, if the Bidder comprises the same Joint Venture, the 'Single Entity' requirements will apply.

<sup>c</sup> In case of complex works, the Employer may require each partner to demonstrate one satisfactorily and substantially completed contract of similar nature where such partner's value of participation exceeds 25% of the subject contract value.

<sup>d</sup> In addition to the submission requirement Form EXP - 1, the bidder shall provide the following supporting documents:

1. Signed Contract Agreement, and

2. Contract Completion Certificate or Performance Certificate,

in sufficient detail to verify the contract name, value and completion time. If the documents are other than in English, an accurate certified translation of these documents in English shall be provided.]

### 2.4.2 Experience in Key Activities

2.4.2(a) Must be complied with by the Bidder. In case of a Joint Venture Bidder, the Bidder or at least one of the partners must meet the requirement in the key activity. For contracts under which the Bidder participated as a Joint Venture partner, only the Bidder's designated scope of works under the contracts shall be considered to meet this requirement.

Table A

Criteria	Compliance Requirements		Documents
Requirement	Single Entity	Joint Venture	Submission Requirements
For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities:	Must meet requirement	Must meet requirement	Form EXP – 2 <sup>a</sup>
1. Experience in battery design, integration, supply, testing and commissioning (for similar equipment to that offered – grid stability BESS of at least 1MW/4MWh capacity using lithium-ion chemistry).	Must meet requirement	Must meet requirement	Form EXP – 2 <sup>a</sup>
2. Battery control and system integration in high renewable penetration grid, including frequency and voltage support functions of at least two (2) projects.	Must meet requirement	Must meet requirement	Form EXP – 2 <sup>a</sup>
3. Experience in solar array design, integration, supply, installation, testing and commissioning at least two (2) ground-mounted projects of a cumulative capacity of 5 MW.	Must meet requirement	Must meet requirement	Form EXP – 2 <sup>a</sup>
4. Experience in project management, design, and construction management of at least two (2) ground-mounted projects of similar size	Must meet requirement	Must meet requirement	Form EXP – 2 <sup>a</sup>

<sup>a</sup> Submission requirements: Form EXP – 2 shall be supported by documents such as Signed Contract Agreement, Taking-Over Certificate or Contract Completion Certificate indicating the contract name, value, completion date (or percentage of substantial completion), activities performed by Joint Venture partners, and other relevant details sufficient to demonstrate compliance with the requirements.

Table B

Criteria	Compliance Requirements		Documents
Requirement	Single Entity or its Specialist Subcontractors	Joint Venture or its Specialist Subcontractors	Submission Requirements

For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities: 1. Supply, Engineering, Installation, Testing, and Commissioning of 1 MW of Solar rooftop	One must meet requirement	One must meet requirement	Form EXP – 2 <sup>a</sup>
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<sup>a</sup> Submission requirements: Form EXP – 2 shall be supported by documents such as Signed Contract Agreement, Taking-Over Certificate or Contract Completion Certificate indicating the contract name, value, completion date (or percentage of substantial completion), activities performed by Joint Venture partners, and other relevant details sufficient to demonstrate compliance with the requirements.

### 2.4.3 Specific Experience in Managing Environmental, Health and Safety Aspect

Criteria	Compliance Requirements		Documents
Requirement	Single Entity or Its Specialist Subcontractors	Joint Venture or Its Specialist Subcontractors	Submission Requirements
For the contracts in 2.4.1 and 2.4.2 above and/or any other contracts [substantially completed and under implementation] as prime contractor, Joint Venture partner, or Subcontractor between 1st January 2003 and Bid submission deadline, experience in managing ES risks and impacts in the following aspects: 1. Management of environmental risks including, but not limited to, soil erosion and prevention, hazardous material storage and handling, and fire safety. 2. Measures to ensure the health of the workforce and local people, including but not limited to expatriate staff vaccinations, malaria prophylaxis, country briefings and, in particular, adherence to the requirements of Section 8. 3. Measures to ensure the safety of employees and local people including, but not limited to, engagement of local skilled drivers, appointment of a nominated OHS officer and delegates at each site,	Must meet requirements	One member must meet requirements  Or  All members must meet requirements	Form EXP – 3

issue of appropriate personal protective equipment to all employees along with training in its use, basic first aid training to all employees, pre-start meetings, emergency response and evacuation plans.			
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## 2.5 Organizational Environmental, Health and Safety System

### 2.5.1 Environmental, Health and Safety Certification

Criteria	Compliance Requirements		Documents
Requirement	Single Entity or Its Specialist Subcontractors	Joint Venture or Its Specialist Subcontractors	Submission Requirements
<p>Availability of a valid ISO certification or internationally recognized equivalent (equivalency to be demonstrated by the Bidder), and applicable to the worksite:</p> <ol style="list-style-type: none"> <li>1. ISO 14001 Environmental Management Systems</li> <li>2. ISO 45001 Occupational Health and Safety Management Systems</li> </ol>	Must meet requirements	<p>One member must meet requirements</p> <p>Or</p> <p>All members must meet requirements</p>	Form EXP – 4

### 2.5.2 Environmental, Health and Safety Documentation

Criteria	Compliance Requirements		Documents
Requirement	Single Entity or Its Specialist Subcontractors	Joint Venture or Its Specialist Subcontractors	Submission Requirements
<p>Availability of in-house policies and procedures for EHS management:</p> <ol style="list-style-type: none"> <li>1. Existence of an Ethics Charter, code of conduct, and equal opportunity employment policy.</li> <li>2. Existence of a system for monitoring compliance with EHS commitments for the Bidder's Subcontractors and all its partners, and for mandatory reporting.</li> <li>3. Existence of official company procedures for the management of the following: <ul style="list-style-type: none"> <li>• Environmental protection</li> <li>• Template or typical site OHS plan</li> <li>• Statements of senior management commitments to EHS</li> </ul> </li> </ol>	Must meet requirements	<p>One member must meet requirements</p> <p>Or</p> <p>All members must meet requirements</p>	Form EXP – 5

### 2.5.3 Environmental, Health and Safety Dedicated Personnel

Criteria	Compliance Requirements		Documents
Requirement	Single Entity or Its Specialist Subcontractors	Joint Venture or Its Specialist Subcontractors	Submission Requirements
<p>Availability of in-house personnel dedicated to EHS issues:</p> <ul style="list-style-type: none"> <li>- Environmental Specialist</li> <li>- Health and Safety Specialist</li> </ul>	Must meet requirements	<p>One member must meet requirements</p> <p>Or</p> <p>All members must meet requirements</p>	Form EXP – 6



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## 2.6 Subcontractors

Subcontractors or Manufacturers for the following major items of plant and services must meet the following minimum qualification criteria, herein listed for a Subcontractor for that item. Failure to comply with this requirement will result in rejection of the Subcontractor but not the Bidder.

Item No.	Description of Item	Minimum Criteria to be met	Documents Submission Requirements
1	Battery supplier	At least 3 years of continuous supply, at least 100MW/400 MWh per year,	A duly signed and stamped statement from the supplier or manufacturer, or a certificate.
2	PV Inverter supplier	At least 5 years of continuous supply, at least 1000 MW per year, including grid forming inverters,	
3	Solar panel supplier	At least 5 years of continuous supply, at least 1000 MW per year,	
4	Transformer Manufacturer	At least 5 years of continuous supply, at least 100 MVA per year,	
5	PV Mounting Structures Manufacturer	At least 5 years of continuous supply, at least 200 MWp of ground-mounted solar PV	
6	Architecture & Engineering Services	At least 10 years of Architecture & Engineering design services of at least two (2) Solar plant installations	
7	Civil & Building Works Construction	At least 10 years of continuous experience in civil	

		and building construction	
8	11kV Switchgear Manufacturer  33kV Switchgear Manufacturer	At least 5 years of continuous supply, Experience in either MV and HV Voltage levels	

In the case of a Bidder who offers to supply and install major items of plant under the contract, which the Bidder did not manufacture or otherwise produce, the Bidder shall provide the Manufacturer's authorization, using the form provided in Section 4 (Bidding Forms), showing that the Bidder has been duly authorized by the Manufacturer or producer of the related plant and equipment or component to supply and install that item in the Employer's country. Failure to submit the Manufacturer's authorization at the first instance is considered a minor, nonmaterial omission and shall be subject to clarification. However, failure of the Bidder to submit the omitted authorization shall lead to rejection of the Subcontractor or Manufacturer of the item under evaluation in accordance with ITB 35.4.