



OREDA LIMITED

S-3/59, MANCHESHWAR INDUSTRIAL ESTATE

Bhubaneswar-751010, ODISHA

Website: www.oredaodisha.com, Email: ceoreda@oredaorissa.com

NIT No.: 3250 , Dated: 05/09/2026

**Request for Empanelment of Original Equipment Manufacturers (OEMs) for
Solar PV System Components and Discovery of Indicative Supply &
Transportation Rates for Renewable Energy Projects under OREDA**

Contact details:

OREDA LTD

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Notice Inviting Tender (NIT)

NIT no: 3250

Dated: 05/09/2026

Type of bidding: Domestic Competitive Bidding (DCB)

Mode of bidding: Open bidding, Single stage two envelope, E-bidding

E-tender for Request for Empanelment of Original Equipment Manufacturers (OEMs) for Solar PV System Components and Discovery of Indicative Supply & Transportation Rates for Renewable Energy Projects under OREDA LTD.

The Schedule of Events is given below:

Sl. No.	Events	Schedule
1.	Date of publication of RFP on E-procurement Website and OREDA LTD Website	05.09.2026
2.	Due date of submission of pre-bid queries as per the OREDA LTD format	09.09.2026 : Time: 5.00 PM
3.	Date and time of Pre-bid Meeting through virtual Mode [meet.google.com/sgn-cynm-imj]	10.09.2026: Time: 5.00 PM
4.	Due date and time for submission of online copies of Bid.	21.09.2026: Time: 5.00 PM
5.	Due date and time for submission of hard copies of Bid.	24.09.2026: Time: 5.00 PM
6.	Due date and time for the opening of Technical Bid	25.09.2026: Time: 5.00 PM

The RFP providing requisite details about the bidding process shall be made available on the E-procurement Website (www.tenderwizard.com/OREDA) on or before the due date mentioned above. In addition, the RFP shall be provided on the OREDA LTD Website (<http://oredaodisha.com/>) for viewing purposes only. The Bidders may write to us at the email id ceoreda@oredaorissa.com, at any time during the office hours for any additional information.

The Bidders are also requested to contact the E-procurement Service Provider (M/s. Tender Wizard) for online registration on the E-procurement Website. The Bidders may contact the E-procurement Service Provider at 080-40482000/ 121/ 133/ 140 and +91 70085 21627 at any time during the office hours for any additional information.

Note: OREDA LTD reserves all the right to annul the bidding process and invite fresh Bids without liability or obligation for such invitation and without assigning any reasons.

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Chief Executive Officer

Disclaimer

To whomsoever it may concern, kindly note the following:

- This RFP is meant for the exclusive purpose of bidding against this RFP and shall not be transferred, reproduced, or otherwise used for purposes other than that for which it is specifically issued.
- Though adequate care has been taken for the preparation of this RFP, the Bidder shall satisfy itself that the RFP is complete in all respect. Intimation of any discrepancy shall be given to OREDA LTD immediately. If no intimation is received from any Bidder in their pre-bid queries, it shall be considered that the RFP is complete in all respects and has been accepted by the Bidder.
- OREDA LTD reserves all the right to modify, amend, or supplement this RFP by issuing Addendum from time to time in the interest of the Project.
- OREDA LTD reserves all the right to extend the timelines mentioned in the Schedule of Events of RFP by issuing Corrigendum from time to time in the interest of the Project.
- While the RFP has been prepared in good faith, neither OREDA LTD nor OREDA LTD's employees or advisors make any representation, warranty, express or implied or accept any responsibility or liability, whatsoever, in respect of any statements or omissions or absence herein, or the accuracy, completeness or reliability of the information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability, and completeness of this RFP, even if any loss or damage is caused by any act or omission on OREDA LTD's part.

Definition

“ASSIGNMENT” shall mean the consultancy assignment for engagement of Original Equipment Manufacturer (OEM) empanelment of on-grid / off-grid inverter, battery, module mounting structure, Solar Photovoltaic Module and Solar Street Light.

“Bid” shall mean Techno-Commercial Proposal & Price Proposal in prescribed FORMS submitted in pursuance to RFP document.

“Bidder” or “Applicant” shall mean the Consultant firms participating in the bid floated by OREDA LTD for the Appointment of Consultant to empanelment of experienced consultancies to complete the assignment and shall include his heirs, legal representatives, successors and permitted assigns.

“Contract” shall mean the agreement signed by the Authorized representatives of OREDA LTD and the Selected Consulting firm covering “the Scope of Works, Techno-Commercial Bid & Price Bid submitted by the Bidder, Correspondences and Letter of Award” including amendments and clarifications thereto, if any, issued by OREDA LTD.

“Contract Period” shall be 1 year from the date of issue of Letter of Award, and extensions, if any, thereof.

“LOE” i.e., “Letter of Empanelment” shall mean the official notice issued by OREDA LTD notifying the firm that his bid proposal has been accepted and it shall include amendments thereto, if any, issued by OREDA LTD.

“Month” shall mean the calendar month and “Day” shall mean the calendar day.

“OEM shall mean the Original Equipment Manufacturer who shall be selected and appointed through tender process and shall include such successful Bidder’s legal representatives, successors and permitted assigns.

“OREDA LTD” shall mean OREDA LTD.

“Person” shall mean and include firms, companies, corporations and associations, Joint Ventures/ Consortium or bodies of individuals, whether incorporated or not.

“RE Policy” shall mean Odisha Renewable Energy Policy, 2022 notified on 30.11.2022 vide gazette notification No. 11757-ENG-HYD-HYDRO-0009/2022/En

“RFP” i.e., “Request for Policy” shall mean a document consisting of NIT, ITB, BDS, Eligibility Criteria, Duration of Assignment & Scope of Work, Eligibility Criteria, Payment terms, Evaluation of Bid, Bidding Forms and Contract Forms and any amendments thereof.

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1. *Instruction to Bidder (ITB)*

Section 1 (ITB) provides general overview and contents of RFP along with the preparation, submission, opening, evaluation, comparison of Bids, issuance of Work Order, etc. Section 1 (ITB) shall be read in conjunction with Section 2 (BDS) and other provisions listed therein, shall be a complete document expressing all terms and conditions. In case of any interpretation issues, Section 2 (BDS) including any associated Addendum, Corrigendum and Clarification will supersede Section 1 (ITB).

1.1. *General*

1.1.1. Scope of RFP

In connection with the NIT, OREDA LTD issues this RFP containing all the terms and conditions mentioned herein. The RFP along with the NIT and any Addendum, Corrigendum, and Clarification, to be issued from time to time, shall be collectively termed as the Bidding Document. Such a Bidding Document shall be published on the E-procurement Website. In addition, such a Bidding Document shall also be uploaded on OREDA LTD Website, but for viewing purposes only. The name of the SOW including the associated NIT and RFP and other details are specified in Section 2 (BDS).

1.1.2. Integrity Violation

1.1.2.1 The Bidder observes the highest standard of ethics all the time.

1.1.2.2 OREDA LTD defines, for the purposes of this provision, the terms set forth below as follows:

- a. "Corrupt Practice" means the offering, giving, receiving or soliciting, directly or indirectly, anything of value to influence improperly the actions of another Party;
- b. "Fraudulent Practice" means any act or omission including a misrepresentation that knowingly or recklessly misleads or attempts to mislead a Party to obtain a financial or other benefit or to avoid an obligation;
- c. "Coercive Practice" means impairing or harming or threatening to impair or harm, directly or indirectly, any Party or the property of a Party to influence improperly the actions of the other Party;
- d. "Collusive Practice" means an arrangement between two or more Parties designed to achieve an improper purpose, including influencing improperly the actions of other Party;
- e. "Obstructive Practice" means
 - i. deliberately destroying, falsifying, altering, or concealing of evidence material to OREDA LTD's investigation;
 - ii. making false statements to investigators in order to materially impede OREDA LTD's investigation;
 - iii. failing to comply with requests to provide information, documents or records in connection with OREDA LTD's investigation;
 - iv. threatening, harassing, or intimidating any Party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - v. materially impeding OREDA LTD's contractual rights of audit or access to information;
- f. "Integrity Violation" is an act which violates OREDA LTD's policies, including (a) to (e) given above in the ITB Clause 1.1.2.2 and the following abuse, conflict of interest, retaliation against whistleblowers or witnesses, and other violations of OREDA LTD's policies, including failure to adhere to the highest ethical standard.

1.1.2.3 OREDA LTD will reject a Bid if it determines that the Bidder has, directly or indirectly through an agent, engaged in Integrity Violation including but limited to any Corrupt Practice, Fraudulent Practice, Coercive Practice, Collusive Practice and Obstructive Practice;

1.1.2.4 OREDA LTD will impose remedial actions on any Bidder or an individual, at any time, in accordance with its policies and guidelines (both as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in OREDA LTD-managed, -administered, or -supported activities or to benefit from an OREDA LTD-managed, -administered, or -supported, financially or otherwise, if it at any time determines that the Bidder or individual has, directly

or through an agent, engaged in Corrupt Practice, Fraudulent Practice, Coercive Practice, Collusive Practice, Obstructive Practice or Integrity Violation.

1.1.2.5. OREDA LTD will have the right to inspect the accounts, records, other documents, etc. of the Bidders and relating to the Bid submission and to have them audited at any point in time.

1.2. Contents of the RFP

1.2.1. Sections of the RFP

1.2.1.1. The RFP consists of the following Sections as indicated below and should be read in conjunction with the NIT and any Addendum, Corrigendum and Clarification.

- a) Exhibits
 - i. Definitions
 - ii. Interpretations
- b) Section 1 – Instructions to Bidders (ITB)
- c) Section 2 – Bid Data Sheet (BDS)
- d) Section 3 –Scope of Work (SOW)
- e) Section 4 –Qualification Requirement (QR)
- f) Section 5 – Annexure

1.2.1.2. OREDA LTD is not responsible for the completeness of the Bidding Document if they were not obtained directly from E-procurement Website.

1.2.1.3. The Bidder is expected to examine the complete Bidding Document. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the Bid.

1.2.2. Clarification on RFP, Site Visit and Pre-Bid Meeting

1.2.2.1. A prospective Bidder requiring any clarification on the RFP shall contact at OREDA LTD's Office Address or write to OREDA LTD's Official Email Id, prior to the pre-bid meeting, in accordance with ITB Clause 1.2.2.2. The queries shall be raised as per the format provided in Annexure.

1.2.2.2. The pre-bid meeting shall be conducted in the manner specified in Section 2 (BDS). The Bidder's designated representative may attend the pre-bid meeting. The purpose of the pre-bid meeting will be to clarify issues and to prepare Clarification against the queries received from the Bidders on any matter that may be raised at that stage.

1.2.2.3. Any modification to the RFP shall be made by OREDA LTD exclusively through the issue of an Addendum.

1.2.2.4. Non-attendance at the pre-bid meeting will not be a cause for disqualification of a Bidder.

1.2.2.5. The Bidder and any of its personnel and/ or agents will be granted permission by OREDA LTD to enter the Project site for the purpose of such visit, but only upon the express condition that the Bidder, its personnel and/ or agents will release and indemnify OREDA LTD and its personnel, agents, etc. from and against any liability in respect thereof, and the Bidder shall be responsible for any death or personal injury, loss of or damage to property, and any other loss, damage, costs, expenses, etc. incurred as a result of the inspection during the Project site visit.

1.2.3. Addendum, Corrigendum, and Clarification to the RFP.

1.2.3.1. At any time, prior to the deadline for submission of Bids, OREDA LTD may issue an Addendum, Corrigendum and Clarification.

1.2.3.2. OREDA LTD may, at its discretion, extend the deadline for the submission of Bids by issuing a Corrigendum in order to give prospective Bidders reasonable time in preparing their Bids. At any point in time, the latest Corrigendum will supersede the Schedule of Events mentioned in the NIT or any previously issued Corrigendum.

1.2.3.3. OREDA LTD may, at its discretion, modify or change any specific provisions of terms and conditions of the RFP or any Addendum issued previously by issuing an Addendum for such specific provisions. At any point in time,

the provisions provided against a specific Clause in the latest Addendum shall supersede such provisions already provided in the RFP or any previously issued Addendum.

1.3 Preparation of Bids

1.3.1 Cost for Preparation of Bid

The Bidder shall bear all the costs associated with the preparation and submission of the Bid, and OREDA LTD shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

1.3.2 Language of Bid

The Bid, as well as all correspondence and documents for any communications exchanged by the Bidder and OREDA LTD, shall be written in the English language only.

Any supporting documents and printed literature that are part of the Bid may be submitted in another language provided they are accompanied by an accurate translation of the relevant passages in the English language only, in which case, for purposes of interpretation of the Bid, such English translation shall govern. In case of any misrepresentations in the English language vis-à-vis another language, OREDA LTD, at its discretion, can reject the Bid submitted by the Bidder on the ground of misrepresentation of the information.

1.3.3 Documents Comprising the Bid

1.3.3.1 The Empanelment Bid shall comprise of the Technical Bid. The Technical Bid shall be submitted online pursuant as per all the terms and conditions of the Bidding Document. In addition, the select original hard copies of the Bid shall be submitted pursuant to ITB Clause 1.3.3.1 at OREDA LTD's Office Address

1.3.3.2 The online submission of the application shall comprise the following:

Bid Form	Particulars
Bid Form 1 (Manufacturer's Details)	Copy of the "Manufacturer's Details" duly signed by the Authorized Signatory and stamped by the Bidder to unconditionally accept all terms of the Bidding Document. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 1 of Annexure.
Bid Form 2 (Details of make and Models)	Copy of the "Details of Make and Models" duly signed by the Authorized Signatory and stamped by the Bidder for the specific models to be empaneled. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 2 of Annexure.
Bid Form 3 (Quality Assurance)	Copy of the "ISO certification" duly signed by the Authorized Signatory and stamped by the Bidder along with the required attachments as given therein. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 3 of Annexure.
Bid Form 4 (Test Certificates)	Copy of the "Test certificates" duly signed by the Authorized Signatory and stamped by the Bidder for the Equipment as issued in the name of the bidder from any valid MNRE accredited test labs as given in as mentioned in QR Clause 4.2.3. This is a mandatory submission and shall be submitted as per the requirements given in Bid Form 4 of Annexure.
Bid Form 5 (Work Experience)	Copy of the "letter of Proof of Supply of materials." duly signed by the Authorized Signatory and stamped by the Bidder as mentioned in QR Clause 4.2.3. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 5 of Annexure.

Bid Form 6 (Financial Qualification)	Copy of the “Financial Qualification” certificate for particular business duly signed and stamped by a chartered accountant citing the Bidder’s financial qualification as given in QR Clause 4.3 This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 6 of Annexure. Copy of the last three (3) assessment year’s “Income Tax Return” filing document
Bid Form 7 (Power of Attorney)	Copy of the “Power of Attorney” issued in the name of the Authorized Signatory of the Bidder supported by the required Board Resolution for submitting the Bid on behalf of the Bidder. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 7 of Annexure.
Bid Form 8 (Self-Certificate-I)	Copy of the declaration of the “Self-certificate” duly signed by the Authorized Signatory and stamped by the Bidder to declare that it has not been debarred/ blacklisted/ defaulted by any Government, agency, Public Sector Undertaking (PSU), institution/ autonomous organizations in the past. In case of any such events, the Bidder shall provide the case details and its current status in the format therein. This is a mandatory submission and shall be submitted as per the requirements given in Bid Form 8 of Annexure.
Bid Form 9 (Self-certificate-II)	Copy of the declaration of the “Self-certificate” duly signed by the Authorized Signatory and stamped by the Bidder and notarized by the appropriate authority to declare that it neither failed to perform on any agreement nor been expelled from any project or agreement nor have had any agreement terminated for breach of contract by such bidder during last 05 (five) years. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 9 of Annexure.
Bid Form 10 (Warranty Certificate)	Copy of the declaration of the “Warranty certificate” duly signed by the Authorized Signatory and stamped by the Bidder The manufacturers shall submit an undertaking on a non-judicial stamp paper of Rs.200/- for providing service support during the entire warrantee period of 5 years from the date of installation by any system integrator awarded by OREDA LTD for any OREDA LTD project. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 10 of Annexure.
Bid Form 11 (Undertaking for Indigenousness / Class-I Local Supplier)	Copy of the “Undertaking for Indigenousness / Class-I Local Supplier” certificate duly signed by the Authorized Signatory and stamped by the Bidder to showcase the use of domestic contents of the Equipment applied under the category. This is a mandatory submission for all the Bidders and shall be submitted as per the requirements given in Bid Form 11 of Annexure.
Bid Form 12 (Registration details)	Copy of the relevant documents issued by an appropriate Government authority in India. This is a mandatory submission and shall be submitted as per the requirements given in Bid Form 12 of Annexure.
Bid Form 13 (PAN)	Copy of the PAN card of the Bidder. This is a mandatory submission and shall be submitted as per the requirements given in Bid Form 13 of Annexure.

Bid Form 14 (GST Certificate)	Copy of the “GST Certificate” of the Bidder. This is a mandatory submission and shall be submitted as per the requirements given in Bid Form 14 of Annexure.
Bid Form 15 (No deviation)	Copy of the “No Deviation Certificate” duly signed by the Authorized Signatory and stamped by the Bidder stating that the Bidder has not taken any deviation in the Bidding Document. This is a mandatory submission and shall be submitted as per the requirements given in Bid Form 15 of Annexure.
Bid Form 16 (Undertaking for timely warranty service)	Copy of the “Undertaking for timely warranty service” duly signed by the Authorized Signatory and stamped by the Bidder stating that the Bidder shall comply to timely warranty service during the warranty period. This is a mandatory submission and shall be submitted as per the requirements given in Bid Form 16 of Annexure

1.3.3.1 The original hardcopy of the Bid shall be submitted in sealed cover envelope comprise the following:

Bid Form	Particulars
Application Fee / Cost of Bid	Original of the “Demand Draft” for an amount and other details as mentioned in Section 2 (BDS) issued by a nationalized/ commercial bank in India towards “Application Fee / Cost of Bid” issued in favour of Chief Executive Officer, OREDA LTD payable at Bhubaneswar, Odisha. This shall be a non-refundable fee. This shall be payable by all the Bidders, subject to any exemption as provided in Section 2 (BDS).

1.3.3.4 For online submission of the Technical Bid, the Bidder shall submit each Bid Form as a separate copy and name the Bid Form as given under the column “Bid Form” given in in the RFP. For example, the name of the online copy while uploading Form 1 shall be “NIT No BID FORM 1” to be submitted either in .pdf or .jpg or .jpeg format.

1.3.3.5. The Bid Forms must be submitted without any alterations to the text, and no substitutes shall be accepted in whatsoever condition, else the Bids shall be liable for rejection.

1.3.3.6. In case a submission is a mandatory submission as per all terms of the Bidding Document then the Bidder shall adhere to the same, else the Bids shall be liable for rejection.

1.3.4 Format and Signing of Bid

- 1.3.4.1 The Bid Form as given in the RFP or any electronic form, if any and as available on the E-procurement Website, or any external form in Microsoft .xls or .xlsx format for the Technical Bid shall be duly filled and scanned copies or Microsoft .xls or .xlsx or electronic form as available on the E-procurement Website shall be duly uploaded as per the instructions mentioned in ITB, unless a specific instruction provided therein in the RFP Document.
- 1.3.4.2 The original documents of the Bid shall be typed or written in indelible ink and shall be signed by the Authorized Signatory supported by the seal of the Bidder. In case the original documents are issued by any third party (for example - the chartered accountant, etc.) then the same shall be signed by a person duly authorized to sign on behalf of the third party supported by the seal of the third party along with other details as required.
- 1.3.4.3 The name and position held by each person signing or accepting the authorization must be typed or printed below the signature.
- 1.3.4.4 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

1.4 Submission and Opening of Bids

1.4.1 Deadline for submission of Bids

1.4.1.1 The Bids must be submitted to OREDA LTD through E-procurement Website only and no later than the date and time indicated in the NIT or any Corrigendum.

1.4.1.2 OREDA LTD may, at its discretion, extend the deadline for the submission of Bids through the publication of a Corrigendum in accordance with ITB, in which case all rights and obligations of OREDA LTD and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

1.4.2 Late Bids

OREDA LTD shall not consider any Bid that arrives after the deadline for submission of Bids. Any Bid (either online or offline) received by OREDA LTD after the deadline for submission of Bids shall be declared as a late Bid. Such late Bids shall be liable for rejection online, and the online copy of the Bid uploaded on the e-procurement Website shall be sent unopened to "Archive" and shall not be considered at all any further for evaluation. In such a case, the hardcopies in the original form shall be returned unopened to the Bidder.

1.4.3 Withdrawal, Substitution, and Modification of Bids

1.4.3.1 A Bidder may withdraw, substitute, or modify its Technical Bid after it has been submitted as per the procedure mentioned in the E-procurement Website and as per the instructions mentioned in ITB.

1.4.3.2 No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of Bid validity period specified by the Bidder on the Covering Letters of Technical Bid or any extension thereof as per the terms of Bidding Document.

1.4.3.3 Bidder may modify or withdraw their Bids through the relevant provisions on the E-procurement Website until the last date for submission of Bid as per the timelines mentioned in the NIT or any Corrigendum.

1.4.3.4 The Bidders may modify, resubmit, or withdraw their Bids as per the provisions given on the E-procurement Website.

1.4.3.5 In the case of original hard copies of the Bidder, such Bids will be considered based on the latest submission made by the Bidder. In such a case, any previous original hard copies shall be returned unopened to the Bidder.

1.4.4 Acceptance/ rejection of the Bids

The Bids submitted by the Bidders shall be liable for rejection in case

- a) Any incomplete or non-submission of any mandatory Bid Form or document in e-tender portal.
- b) Any incomplete or non-submission of any mandatory Bid Form or document as hardcopy submission.
- c) Late Bids received.
- d) Canvassing in any manner shall not be entertained and will be viewed seriously and shall be liable for rejection.
- e) The Bids are found non-responsive pursuant to all the relevant clauses in the Bidding Document.

1.4.5 Bid Opening

a) Online Technical Bid:

OREDA LTD shall open the online Technical Bids on the E-procurement Website as per the timelines mentioned in the NIT or any Corrigendum.

b) Hardcopies of Technical Bid:

i. OREDA LTD shall open the hardcopies of the Technical Bids at OREDA LTD's Office Address as per the timelines mentioned in the NIT or any Corrigendum. Such Technical Bid shall be opened in the presence of Bidders designated representatives who chooses to attend. In such cases, the Bidder's designated representative must carry a letter of authorization issued by the Bidder's Authorized Signatory.

ii. The Bidders' representatives who are present during the opening of hardcopies of the Technical Bids may be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record.

c) OREDA LTD shall prepare a record of the opening of Technical Bids as per the internal guidelines notified from time to time.

1.5. Evaluation and Comparison of Bids

1.5.1 Confidentiality

- 1.5.1.1 Information relating to the examination, evaluation, comparison, and post qualification of Bids and recommendation for the issue of Empanelment Order, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on the issuance of Empanelment Order is communicated to all Bidders, unless it is specifically required by OREDA LTD to do such disclosure as per the specific requirements.
- 1.5.1.2 Any attempt by a Bidder to influence OREDA LTD's decision in the evaluation of the Bids or issuance of Empanelment Order may result in the rejection of its Bid.
- 1.5.1.3 Notwithstanding the above ITB Clause, from the time of Bid opening to the time of issuance of Empanelment Order, if any Bidder wishes to contact OREDA LTD on any matter related to the bidding process, it may do so in writing only.

1.5.2 Clarification of Bids

- 1.5.2.1 To assist in the examination, evaluation, and comparison of the Technical Bid, OREDA LTD may, at its discretion, ask any Bidder for a clarification of its Bid. OREDA LTD's request for clarification and the response shall be in writing only. No change in the substance of the Technical Bid shall be sought, offered, or permitted. OREDA LTD reserves all the rights to evaluate any such response received from the Bidder based on the clarification to be sought.
- 1.5.2.2 If a Bidder does not provide clarification of its Bid by the date and time set in OREDA LTD's request for clarification, such Bid shall be liable for rejection.

1.5.3 Examination of Technical Bids

- 1.5.3.1 OREDA LTD shall examine the Technical Bid to confirm that all documents and information requested in ITB Clause found. For online submission and for hardcopy submission have been provided in order to assess the completeness of the Technical Bid.
- 1.5.3.2 OREDA LTD shall confirm that all the requirements have been provided in the Technical Bid in all respect. If any of the documents or information is missing, the Bid shall be liable for rejection.

1.5.4 Responsiveness of Technical Bid

- 1.5.4.1 OREDA LTD's determination of a Technical Bid's responsiveness shall be strictly based on the contents of the Technical Bid, as mentioned in the RFP.
- 1.5.4.2 If a Bid is not responsive to the requirements of the RFP, it shall be liable for rejection by OREDA LTD and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

1.5.5 Evaluation of Bids

- 1.5.5.1 The evaluation of the Bid shall be carried out based on documents to be submitted by bidder.
- 1.5.5.2 The evaluation of the Techno-commercial Proposals shall be done on the basis of qualifying requirement as set out in the eligibility criteria.
- 1.5.5.3 For the selection of qualified and competent consultant for the define scope of work, OREDA LTD shall constitute a Selection committee. The selection committee shall assign score to the technical bid as per the evaluation criteria below:
- 1.5.5.4 After evaluating the Technical Bids, OREDA LTD shall notify the technically qualified bidders.

1.5.8 OREDA LTD's right to accept any Bid, and to reject any or all Bids

OREDA LTD reserves all the right to accept or reject any Bid or to annul the bidding process or reject all Bids at any time prior to the issue of Empanelment Order, without thereby incurring any liability to Bidders. In case of annulment, the Bids shall be liable for rejection online and the online copy of the Bid uploaded on the E-procurement Website shall be sent unopened to "Archive" and shall not be considered at all any further for evaluation. In such a case, the hard copies in the original form shall be returned unopened to the Bidder.

1.6 Empanelment

1.6.1 Empanelment Criteria

1.6.1.1 OREDA LTD will issue the empanelment letter to the Bidder who meets all the criteria of the evaluated Bid and is substantially responsive to the Bidding Document, provided that the Bidder continues to demonstrate the capability to perform the Contract satisfactorily.

1.6.1.2 The bidder shall give a presentation to OREDA on the proposed equipment and relevant bid documents, as and when required by OREDA.

1.6.1.3 A Bid shall be rejected if the qualification criteria and Evaluation Criteria mentioned in the RFP are no longer met by the Bidder.

1.6.2 OREDA LTD's Right to change the deliverables defined under scope of Work

During the execution of contract, OREDA LTD reserves the right to modify the scope and deliverables in lieu of the scope of work & deliverables defined under the Scope of Work. However, for any modification or addition of new scope, which is beyond the original scope, the same shall be decided mutually.

1.6.3 Notification of Award

1.6.3.1 Prior to the expiration of the period of bid validity, OREDA LTD shall issue Letter of Empanelment (LOE) to the successful Bidder, in writing, that its Bid has been accepted.

1.6.3.2 Until a formal Contract is prepared and executed, the Letter of Award shall constitute a binding Contract.

1.6.3.3 Within 07 days of LOE, the Firm shall sign, date, and return the LOE copy along with the standard agreement to OREDA LTD as acknowledgment.

1.6.4 Submission of Prototype of equipment

1.6.4.1 After empanelment, the successful bidder shall submit a prototype/sample of the equipment for which it has been empanelled to OREDA Limited for inspection and approval.

1.6.4.2 The prototype shall conform to the prescribed technical specifications, applicable standards and certifications specified in the tender document.

1.6.4.3 The bidder shall submit the prototype within 15 days of empanelment, at its own cost.

1.6.4.4 Supply of equipment shall commence only after approval of the prototype by OREDA.

1.6.4.5 Any deviation between the approved prototype and the equipment subsequently supplied shall be treated as a non-conformity and shall be liable for rejection, replacement and/or other action as per the terms and conditions of the tender.

1.6.5 Details of Models

1.6.5.1 The successful bidder shall provide complete details of the models of equipment proposed for supply, along with relevant technical specifications and supporting documents, for approval by OREDA.

1.6.6 Submission of Cost of Equipment

1.6.6.1 The bidder shall provide the supply cost of the equipment empaneled under this tender.

2. Bid Data Sheet (BDS)

2.1. Specific provisions of ITB

Clause No.	Detailed Clause
2.1.1	Purpose: Request for Empanelment of Original Equipment Manufacturers (OEMs) for Solar PV System Components and Discovery of Indicative Supply & Transportation Rates for Renewable Energy Projects under OREDA Ltd.
2.1.2	The pre-bid meeting shall be conducted through an online pre-bid meeting/physical mode in the conference hall of OREDA LTD, Bhubaneswar
2.1.3	RFP validity period: Three Hundred Sixty-five (365) Days from the last date of Bid submission.
2.1.4	Procedure for submission of Bid: The RFP response shall be submitted to e-tender portal and in hard copy either through post or by hand.
2.1.5	Address of the owner: OREDA LTD (OREDA LTD) Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha. Phone: (0674) 2588260, Fax: 2586368 Email: ceoreda@oredaorissa.com Website: http://oredaodisha.com
2.1.6	Performance Security: After provisional Selection of the Manufacture/ Contractors, Applicants needs to deposit Performance Security for a period of one year or renewal whichever is earlier as follows: On Grid / Off Grid / Hybrid Inverter: Rs. 5,00,000 /- MMS: Rs. 3,00,000 /- Battery: Rs. 5,00,000 /- Solar Photovoltaic Module: Rs. 5,00,000 /- Solar Street Light: Rs. 5,00,000 /- BOS: Rs. 1,00,000/- Solar Home Lighting System – Rs. 5,00,000/- Note: Bidders are required to submit the DD or Money Receipt or Bank Guarantee pledging to Chief Executive Officer, OREDA Limited after provisional selection.
2.1.7	Registration fees: All provisionally selected bidders must submit the registration fees pertaining to respective category in the form of a Demand Draft issued in favor of the Chief Executive Officer, OREDA Limited, payable at Bhubaneswar, Odisha prior to the empanelment. In the case of online transfer via RTGS/NEFT, the original hard copy must also be submitted. The registration fees are as follows: For the first year the annual registration fee is as follows: Inverter/Battery/Solar Panel: ₹1,00,000 MMS/ Solar Street Light: ₹ 50,000 BOS: ₹ 25,000 Solar Home Lighting System: ₹ 50,000/- After the first year, an annual registration renewal fee will apply: ₹50,000 for Inverter/Battery/Solar Panel/ Solar Powered Water Pumping System ₹50,000 for MMS/Solar Panel Note: This fee is non-refundable and is a mandatory requirement for submission. Note: For OEMs already empaneled under TCN No. 2941 dated 26.06.2025, TCN No. 3535 dated 31.08.2024 and TCN 3048 dated 05.07.2024 of OREDA, the first-year registration fee shall be 50% of the applicable fee. They are not required to submit fresh BG.
2.1.7	Cost of Bid / Application fee: Rs.10,000.00 (Rupees Ten Thousand only) Plus GST @18% (total of Rs. 11800.00) to be submitted in shape of Demand Draft issued in favour of “Chief Executive Officer, OREDA LTD”, payable at Bhubaneswar. Note: Bidders are required to submit the DD or Money Receipt along with the Techno-Commercial Bid.

2.1.8	Bid processing fee: Rs.1000.00 (Rupees One thousand only) Plus GST @18% (total of Rs. 1180.00) to be submitted (credit card, debit card, net banking, etc.) available on the E-procurement Website towards "Bid Processing Fee". The Bid Processing Fee shall be made in favour of "KSED Limited Note: This shall be a non-refundable fee and is a mandatory submission.
2.1.9	Period of Contract: Twelve (12) months from the issue of LOE which may be further extended, if deemed necessary.
2.1.10	Allocation of Empanelment: • LOE would be issued to the firms who qualifies the evaluation criteria mention in RFP. • All firms participating in future OREDA LTD tenders, for a period of one year from the date of the Letter of Empanelment (LOE), will be required to supply the listed components exclusively from the Original Equipment Manufacturer (OEM).
2.1.11	Timeline LOE would be valid for a period of one year.
2.1.12	Termination of association with OREDA LTD Termination of Agreement by OREDA LTD due to non-performance during the execution of Project • Performance is below the expected level • Non-adherence to the agreement. • Quality of materials supplied is not satisfactory • Non-compliance to timely service
2.1.13	Resolution of Disputes If any dispute arises between parties, then the matter shall be referred to Principal Secretary, Department of Energy, Government of Odisha in the OREDA LTD, where decision shall be final and binding on both parties.
2.1.14	Legal Jurisdiction All legal disputes between the parties shall be subject to the jurisdiction of Odisha High Court, Cuttack only.
2.1.15	Intellectual Property Rights No services covered under the RFP shall be sold or disposed of by the Consultant in violation of any right whatsoever of the third party, and in particular, but without prejudice to the generality of the foregoing, of any patent right, trademark or similar right, or any charge mortgage or lien. The Consultant shall indemnify the OREDA LTD from all actions, costs, claims, demands, expenses, and liabilities, whatsoever, resulting from any actual or alleged infringement as aforesaid and at the expense of the Consultant, OREDA LTD shall be defended in the defense of any proceedings which may be brought in that connection.
2.1.16	Confidential Information The Consultant and the personnel of any of them shall not disclose any proprietary or confidential information relating to this contract during the period for which this contract has been made. The obligation of a party under this clause, however, shall not apply to information that: (a) now or hereafter enters the public domain through no fault of that party; (b) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or (c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
2.1.17	Suspension OREDA LTD may, by written notice of suspension to the Consultants, suspend all payments to the Consultants hereunder if the Consultants fail to perform any of their obligations under this Contract, including the carrying out of the assignment as per schedule, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall request the Consultants to remedy such failure within a period not exceeding Seven (7) days after receipt by the Consultants of such notice of suspension and shall invoke

	contract performance guarantee.
2.1.19	Termination Termination of Contract for Failure to Become Effective; If this Contract has not become effective within seven (7) days of the date hereof, either Party may, by not less than two weeks (2) weeks' written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither Party shall have any claim against the other Party with respect hereto. Termination for Default: i. OREDA LTD may, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Consultant terminate the Contract in whole or in part: ii. if the Consultant fails to provide acceptable quality of Services as per Scope of Services, if the Consultant commits any breach of the Contract and fails to remedy or rectify the same within the period of two weeks (or such longer period as OREDA LTD in its absolute discretion decide) provided in a notice in this behalf from OREDA LTD. iii. If the Consultant fail to comply with any final decision reached as a result of arbitration proceedings. • In the event OREDA LTD terminates the Contract in whole or in part, OREDA LTD may procure, upon such terms and in such manner as it deems appropriate, Deliverables or Services similar to those undelivered or not performed, and the Consultant shall be liable to OREDA LTD for any additional costs for such similar Services. However, the Consultant shall continue performance of the Contract to the extent not terminated.

2.1.20	Procedure for submission of Bid • For participating in the Bid, it is mandatory to procure the Digital Signature Certificate (DSC) of class-III only. • The Bidders are advised to register their user id, password, and company id on the E-procurement Website by clicking on the hyperlink "Register Me" to fill in the online registration form. • The unregistered Bidders are required to pay a registration fee in favour of M/s. KSEDC Limited (Karnataka State Electronics Development Corporation Limited) payable at Bangalore on the E-procurement Website through e-payment mode only as per the instruction given therein. • As soon as the verification is done by the E-procurement Website, the user id will be enabled/ provided. • After viewing the RFP on the E-procurement Website, if the Bidder intends to submit its Bid, the Bidder shall use the user id and password that has been received after registration and use the DSC. The step-by-step instructions are given below: ○ Insert the Public Key Infrastructure (PKI), which consists of the DSC in the system. Ensure that the necessary software of PKI has been installed. ○ Click/ Double Click to open the Microsoft Internet Explorer ○ Go to Start > Programs > Internet Explorer. Type the E-procurement Website address "www.tenderwizard.com/OREDA LTD" in the address bar of Internet Explorer to access the Login Screen. ○ Enter user id and password, click on "Go". ○ Click on "Click here to login" to select the DSC and enter the DSC Password. Re-enter the user id and password. ○ Click "Un Applied" to view/ apply for a new RFP. ○ Click on the "Request" icon for online requests. After making the request, the Bidder shall pay the requisite Bid Processing Fee (as indicated in the NIT) through e-payment mode only available on the E-procurement Website. The Bidders can download the Bidding Document by following the below steps. • Click on the "Show Form" icon. • Bidding Document will appear on the screen. • Click "Click here to download" to download the Bidding Document. • The Bidder shall submit the Bid as per the terms of the Bidding Document. • The Bidder shall submit the Bid as per the terms of the Bidding Document. • All the softcopies of the Bid shall be properly scanned and shall be legible and such softcopies shall be either uploaded in .pdf or .jpg or .jpeg format. • Prior to submission, verify whether all the required documents as a part of Technical Bid have been attached and uploaded against the particular Bidding Document or not. • The hardcopies as required to be submitted shall be submitted OREDA LTD's Office Address as per the timelines mentioned in NIT or any Corrigendum. • Please note down or take a print of the bid control number once it is displayed on the screen. • Bid opening events can be viewed online. • The Bids submitted by one Bidder can be viewed by other Bidders.
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3. *Empanelment Process*

3.1. *About the Project*

3.1.1. *Introduction*

The OREDA LTD, formerly known as Odisha Renewable Energy Development Agency, was constituted as a State Nodal agency in the 1984 under aegis of Dept. of Science and Technology, Govt. of Odisha with a view to popularize the exploitation and use of renewable energy resources in the State. Over last 42 years OREDA LTD is being pioneer in implementing renewable energy-based solutions across Odisha. With increasing mandate and requirement about reduction of carbon footprint OREDA LTD is assisting other state departments in planning and implementing the decarbonisation strategies.

Ministry of New and Renewable Energy, Govt. of India has given a target to all States for solarization of all government buildings by December 2025. The government of Odisha has authorized OREDA LTD, now under aegis of Energy Department to implement the scheme in the State.

3.1.2. *General Instruction on Empanelment process*

- The Empanelment is valid as per the validity of the corresponding certifications (IEC/IS etc.) provided the OEMs renews their Empanelment status by paying the annual fee of Empanelment Status.
- All the IEC certifications listed are mandatory.
- During the selection of OEMs, OREDA LTD may ask for any clarifications, if any, with a tentative deadline.
- Qualified OEMs will be empaneled and notified by OREDA LTD and will be published.
- The Manufacturer shall submit the IEC certificates along with test reports for each product and corresponding Data Sheets. The product should be tested from the MNRE approved test centers / NABL/ BIS/ IEC accredited testing-calibration laboratories.
- The manufacturers shall have a minimum four number (at least 1 in each DISCOM areas) of service assistance unit / service partner in the State of Odisha. The manufacturers should provide the details of service assistance unit / service partner with address, name of the contact person, mobile no. and email ID etc. (Bid Form 1). If the manufacturer does not have a service assistance unit / service partner in OREDA LTD, the firm should give an undertaking stating that the firm will set up a service assistance unit or arrange a service partner in OREDA LTD, once empaneled.
- The manufacturers shall furnish the minimum warrantee certificate (OEM warrantee) of minimum 5 years for all the products offered for empanelment.
- Once empaneled, OREDA LTD will conduct factory and warehouse visits to witness the manufacturing process and tests. All associated costs will be borne solely by the empaneled vendors.
- Qualified OEMs would be allowed to supply equipment for the projects undertaken by OREDA LTD for the whole year from LOE.
- OREDA LTD reserves the right to delist such of the manufacturers from the empanelment list in case the performance and service of On-Grid / Off-Grid / Hybrid Inverter, Battery, Module Mounting Structure, Solar Photovoltaic Module, BOS, Solar Street Light and Solar Home Lighting System is / are not satisfactory within the guaranteed period.

NOTE: Eligible OEMs who miss the initial bid submission may apply for empanelment by submitting the prescribed documents offline to OREDA once every six (6) months from the date of publication of the tender, subject to approval of OREDA.

Such applications shall be scrutinized and considered for empanelment subject to fulfilment of the eligibility, technical and other requirements prescribed in the RfE.

3.2. *Component Category*

The empanelment of the OEMs will be done under the following categories.

Package	Component Category
1	Solar PV Modules
2	On-grid String Inverters
3	Off-grid Inverters/PCUs
4	Hybrid Inverters
5	Lithium-ion / LiFePO4
6	VRLA/GEL/Tubular Batteries where required
7	Module Mounting Structures
8	Solar DC Cable
9	AC Cable
10	Earthing Systems
11	Lightning Protection
12	Surge Protection Devices
13	MCB/MCCB
14	Pole
15	Solar Street Lighting System
16	Solar Home Lighting System

4. Qualification Requirement (QR)

4.1. General Qualification Requirement

Clause no.	Qualification Requirement	Support document
4.1.1	The bidder must be a single bidding company registered in India under the Companies Act' 1956/2013. The OEM may authorize only one channel partner for empanelment under OREDA. Consortiums of Companies or individuals in any form are not allowed in this bidding.	The Bidder must submit a copy of the relevant documents issued by an appropriate Government authority in India.
4.1.2	The Bidder must not be debarred/ blacklisted/ defaulted by any Government, agency, Public Sector Undertaking (PSU), institution/ autonomous organizations in the past.	The Bidder shall submit a self-certification by an authorized person duly notarized to this effect.
4.1.3	The Bidder should have valid Goods and Service Tax Identification Number (GSTIN)	Self-attested copy GSTIN Registration Certificate.
4.1.4	The Bidder should have valid PAN Number	Self-attested copy of PAN Card
4.1.5	The Bidder shall provide duly notarized Power of Attorney (PoA) in original of the signatory of the Bid to commit the Bidder.	Duly notarized Power of Attorney in original on Non-Judicial Stamp Paper of Appropriate Value.
4.1.6	The bidder should have, during the last Five (5) years (from the date of publishing of RFP)., neither failed to perform on any agreement (as evidenced by imposition of penalty by an arbitral or judicial or regulatory authority or a judicial pronouncement or arbitration award against the bidder) nor been expelled from any project or agreement nor have had any agreement terminated for breach of contract by such bidder.	The bidder should provide an undertaking (self-certificate) that the bidder neither failed to perform on any agreement nor been expelled from any project or agreement nor have had any agreement terminated for breach of contract by such bidder.

4.2. Technical Qualification Requirement

Clause no.	Bidder's Technical Qualification	Support document
4.2.1	The Bidder must have experience in work of similar nature On Grid /Off Grid/Hybrid Inverter: 5 MW cumulatively within last 3 FY. MMS: 5 MW cumulatively within last 3 FY. Battery: 4 MWh cumulatively within last 3 FY Solar Photovoltaic Module: 10 MW (Production Capacity Certificate) BOS: Supplied for at least 10 orders in Odisha to Government projects in last 3 FY Solar Street Light: 5000 units cumulatively within last 3 FY Solar Home Lighting System: 5000 units cumulatively within last 3 FY Note: For Manufacturer registered in Odisha, the technical qualification as mentioned above will be reduced to 25%.	The Bidder shall submit the letter of Proof of Supply of materials. The bidder should submit PO copy/ Delivery challan with self-certified.

4.2.2	The Bidder must have established high quality, environment management system, and information security standards in place and must have ISO 9001 and ISO 14001 certifications for, inverters, batteries, module mounting structure and solar street lighting system	The Bidder shall submit a copy of the ISO certificate for ISO 9001 and ISO 14001 certificate. The Bidder must submit Bid Form 3
4.2.3	The Bidder must be in possession of the valid test certificates of solar photovoltaic modules, inverters, batteries and solar street lighting systems from MNRE/ BIS/ NABL authorized test laboratories only. Such test certificates must have the IEC and IP standards from any valid MNRE accredited test labs.	The Bidder must submit the test reports and data sheets from MNRE approved labs. The Bidder must submit Bid Form 3

4.3. *Financial Qualification Requirement*

Clause no.	Description	Support document
4.3.1	On Grid / Off Grid/Hybrid Inverter: The Bidder should have an average minimum annual turnover of INR 10 crore during the last (3) three financial years (i.e., FY 2023-24, FY 2024-25 & FY 2025-26) from supply of equipment in India under the category applied in Bid form 1. Battery: The Bidder should have an average minimum annual turnover of INR 20 crore during the last (3) three financial years (i.e., FY 2023-24, FY 2024-25 & FY 2025-26) from supply of equipment in India under the category applied in Bid form 1 MMS: The Bidder should have an average minimum annual turnover of INR 10 crore during the last (3) three financial years (i.e., FY 2023-24, FY 2024-25 & FY 2025-26) from supply of equipment in India under the category applied in Bid form 1 Solar Photovoltaic Modules: The Bidder should have an average minimum annual turnover of INR 20 crore during the last (3) three financial years (i.e., FY 2023-24, FY 2024-25 & FY 2025-26) from supply of equipment in India under the category applied in Bid form 1 BOS: The Bidder should have an average minimum annual turnover of INR 1 crore during the last (3) three financial years (i.e., FY 2023-24, FY 2024-25 & FY 2025-26) from supply of equipment in India under the category applied in Bid form 1 Solar street light: The Bidder should have an average minimum annual turnover of INR 20 crore during the last (3) three financial years (i.e., FY 2023-24, FY 2024-25 & FY 2025-26) from supply of equipment in India under the category applied in Bid form 1 Solar Home Lighting System: The Bidder should have an average minimum annual turnover of INR 5 crore during the last (3) three financial years (i.e., FY 2023-24, FY 2024-25 & FY 2025-26) from supply of equipment in India under the category applied in Bid form 1 Note: For Manufacturer registered in Odisha, the financial qualification as mentioned above will be reduced to 25%.	The Bidder shall submit a turnover certificate issued by a chartered accountant. It is important to note that the annual turnover for each financial year shall be the income/ earning/ revenue from supply of equipment in India under the category only; and other income (if any) shall not be considered for evaluation.

5. Annexure

5.1. Bid Form 1 (Manufacturer's Details)

(To be submitted on the Letter Head of bidder)

Date: _____

Place: _____

To

The Chief Executive Officer, OREDA LTD

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

Sub: Request for Proposal for Engagement of Original Equipment Manufacturer (OEM) Empanelment of On-Grid / Off-Grid / Hybrid Inverter, Battery, Module Mounting Structure, Solar Photovoltaic Module, BOS, Solar Street Light, Solar Powered Water Pumping System and Solar Home Lighting System.

Ref.: RFP No. ___, dated __ (the "RFP") Dear [Sir/ Madam],

Having examined the Bidding Document carefully, We, the undersigned, offer to submit herewith the Manufacturer's details as per the subject line and RFP no. mentioned above.

Name Of the Company/ Firm/LLP/SOCIETY/PROPRIETORSHIP:

Full Address office, works, factory:

Company's Registration No.

GST No.

PAN No. of the company/manufacturer:

Email Id:

Aadhar No. of the authorized representative:

Contact No. of the authorized representative:

Category of Manufacturer:

Component Name	Type	Tick Mark (✓)
Inverter (On-grid/ Off-grid/ Hybrid)		
Solar PV Modules		
Module Mounting Structure		
Battery (LiFePO4/GEL/VRLA)		
Solar Street Lights (Unintegrated/Semi-integrated/Fully Integrated)		
Balance Of System (Protection Devices/Cable/LA/Earthing/Pole)		
Solar Home Lighting System		

Details of Manufacturing facility:

Details of the ware house in Odisha

Number of service assistance units / Service

Partners in Odisha, if any

Name of the contact person of Service

Assistance Unit / Service Partner

Address

Mobile No.

Email ID

We are submitting our Bid and we have applied for the following Project:

We confirm that neither we nor any of our Parent Company/ Affiliate/ Ultimate Parent Company has submitted a response other than this response directly or indirectly in response to the aforesaid RFP.

1. We give our unconditional acceptance to the RFP, issued by OREDA LTD, as amended. In token of our acceptance to the RFP, the same have been signed & stamped by us and enclosed to the response. We hereby confirm that the provisions of the RFP shall be binding on us.
2. We have submitted our response strictly as per the provisions and formats of the RFP, without any deviations, conditions and without mentioning any assumptions or notes.
3. We hereby unconditionally and irrevocably agree and accept that the decision made by OREDA LTD in respect of any matter regarding or arising out of the RFP shall be binding on us. We hereby expressly waive any and all claims in respect of RFP process. We confirm that there are no litigations or disputes against us, which materially affect our ability to participate or function under the obligations with regard to RFP.
4. Details of the contact person are furnished as below: Name:

Designation:

Address:

Contact numbers:

email id:

5. We are enclosing herewith the entire response containing duly signed formats in electronic format sent as per the RFP for consideration.
6. It is confirmed that our response is consistent with all the requirements of submission as stated in the RFP and subsequent communications from OREDA LTD, if any.
7. The information submitted in our response is complete, strictly as per the requirements stipulated in the RFP and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our response.
8. We confirm that we shall establish a regional office at Bhubaneswar, Odisha.
9. We confirm that all the terms and conditions of our response are valid for acceptance for a period of one hundred and eighty (180) days from the response Deadline.
10. We confirm that we have not taken any deviation so as to be deemed "non-Responsive" as stipulated in this RFP.
11. We understand that you are not bound to accept any response you receive. We remain,

Yours sincerely

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.2 Bid Form 2 (Details of Make, Model & Price)

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar-751010, Odisha.

Email: ceoreda@oredaorissa.com

We, hereby, submit the list of products submitted for empanelment.

SOLAR PV INVERTER (ON-GRID)								
Sl. No	Make	Model	Capacity (in kW)	Type	Price unit (Rs/kW)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

SOLAR PV INVERTER (Off-GRID)								
Sl. No	Make	Model	Capacity (in kW)	Type	Price unit (Rs/kW)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

SOLAR PV INVERTER (Hybrid)								
Sl. No	Make	Model	Capacity (in kW)	Type	Price unit (Rs/kW)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Battery									
Sl. No	Make	Model	Chemistry	Rating (Volt & Amp-hr)	Capacity (in kWh)	Price unit (Rs/kWh)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Solar PV Module									
Sl. No.	Make	Model	Technology	No. of Cell	Capacity (in kWp)	Price unit (Rs/kWp)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Module Mounting Structure							
Sl. No.	Make	Model	Structure Type	Price unit (Rs/kW)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Note: For Solar PV Module and Module Mounting Structure, the price is to be provided by taking into consideration of minimum order value of 10kW.

SOLAR HOME LIGHTING SYSTEM								
Sl. No.	Make	Model	Capacity (in W)	Component	Price unit (Rs/set)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Cable											
Sl. No.	Make	Type (AC/DC)	Material	Cross Sectional Area (in sq.mm.)	Current Carrying Capacity (in Amp)	Voltage Grade (in V)	Insulation	Price unit (Rs/m)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Earthing									
Sl. No.	Make	Type	Electrode Material	Earth Enhancement Compound	Earthing Resistance	Price unit (Rs./set)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Lightening Arrestor										
Sl. No.	Make	Type	Material of Air termination	Material of Down Conductor	Protection Radius	Wind Load Resistance	Price unit (Rs./set)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

MCB/MCCB										
Sl. No.	Make	Equipment Type	System Voltage	Current Rating	Impulse withstand Voltage	Breaking Capacity	Price unit (Rs./unit)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

SPD										
Sl. No.	Make	Type	Nominal Discharge Current	Maximum Discharge Current	Impulse Discharge Current	Voltage Protection Level	Price unit (Rs./unit)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Pole									
Sl. No.	Make	Type	Material	Galvanisation	Dimension (Length, Top Dia, Bottom Dia, Thickness)	Price unit (Rs./pole)	Base Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Note: For BOS material the price is to be provided by taking into consideration of minimum order value of 10kW.

Solar Street Light System									
Sl.	Make	Model	Type	LED Wattage	Lumen/Wp	System Configuration	Basic Price (in Rs.)	Transportation Cost (to OREDA) (in Rs.)	Delivery Price (in Rs.)

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.3 Bid Form 3 (Quality Assurance)

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar-751010, Odisha.

Email: ceoreda@oredaorissa.com

We, hereby, submit our ISO certificate for ISO 9001 and ISO 14001 certificate, as per QR Clause 4.2.2. As per Technical Qualification Requirement, our experiences are as follows:

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.4 Bid Form 4 (Test Certificates)

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We, hereby, submit Test Certificates for the Equipment from the valid MNRE/ NABL/ BIS authorized Test Labs, pursuant to the requirements as mentioned in QR Clause 4.2.3.

Quality Certification, Standards and Testing for Equipment	
Item No.-1	Solar PV Inverters (On Grid)
IEC 62109 / IS: 16221	Safety of power converters for use in photovoltaic power systems: General and particular requirements for inverters.
IS/IEC 61683	Photovoltaic Systems – Power conditioners: Procedure for Measuring Efficiency (10%, 25%, 50%, 75% & 90-100% Loading Conditions)
IEC 62116/ IS 16169:2019	Grid Connected inverters: Test procedure for anti-islanding protection.
IEC 60529	Degree of Protection provided by Enclosures (Minimum IP65 for outdoor installation).
IEC 61000-3-2 / IEC 61000-3-3	Limits for Harmonic Current Emissions and Voltage Fluctuations/Flicker.
IEC 61727	Characteristics of the utility interface for photovoltaic systems.
BIS Certification	Compliance with applicable BIS standards and MNRE guidelines.
CEA Grid Compliance	Compliance with relevant CEA Regulations and State DISCOM Grid Interconnection Requirements.
Communication Protocol	RS-485 / Wi-Fi / Ethernet compatible with remote monitoring and data logging.
Warranty Requirement	Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

Guaranteed Technical Particulars (GTP) for OEM-On-Grid Solar PV Inverter (0-500KW)			
Sl. No.	Particulars	Parameter (Indicative)	Parameter (Actual)
1	Inverter Type	On-Grid	
2	Rated AC Output Power	0-500 kW	
3	Maximum DC Input Voltage	≥600-1500 VDC	
4	MPPT Efficiency	≥99%	
5	Maximum Inverter Efficiency	≥97%	
6	AC Output Voltage	230/400 VAC	
7	Frequency	50 Hz	
8	Power Factor	≥0.99	
9	THD	≤3%	
10	MPPTs	≥1	
11	Anti-Islanding Protection	Provided	
12	Protection	OVP, OCP, SCP, OTP, Reverse Polarity & Anti-Islanding	
13	Communication	RS485 / Ethernet / Wi-Fi	
14	Standard Compliance	IEC 62109, IEC 62116, IEC 61727	
15	Certification	BIS / IEC Certified	

16	Type Test Certificate	NABL/IEC Accredited Lab	
17	Warranty	≥5 Years	

Quality Certification, Standards and Testing for Equipment	
Item No.-2	Solar PV Inverters (Off Grid)
IEC 62109 / IS 16221	Safety of power converters for use in photovoltaic power systems – General and particular requirements for off-grid inverters.
IEC/ IS 61683	Photovoltaic Systems – Power Conditioners: Procedure for Measuring Efficiency.
IEC 62040-1	Uninterruptible Power Systems (UPS): General and Safety Requirements.
IEC 62040-3	UPS Performance and Test Methods
IEC 61000-3-2 / IEC 61000-3-3	Limits for Harmonic Current Emissions and Voltage Fluctuations.
IEC 60529	Degree of Protection provided by Enclosures (Minimum IP65 for outdoor installation).
BIS Certification	Inverter shall comply with applicable BIS standards and MNRE guidelines.
Communication Protocol	RS-485 / Wi-Fi / Ethernet compatible with remote monitoring and data logging
MNRE / NABL Test Certificate	Valid test certificates issued by MNRE/NABL/BIS authorized laboratories
Warranty Requirement	Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

(A) Guaranteed Technical Particulars (GTP) for OEM-Off Grid Solar PV Inverter 0-500KW)			
Sl. No.	Particulars	Parameter (Indicative)	Parameter (Actual)
1	Inverter Type	Off-Grid	
2	Rated AC Output Power	0–500 kW	
3	Maximum DC Input Voltage	≥600-1500 VDC	
4	Maximum Inverter Efficiency	≥95%	
5	AC Output Voltage	230/400 VAC	
6	Frequency	50 Hz	
7	Power Factor	≥0.95	
8	THD	≤5%	
9	Battery Compatibility	Lithium-ion / Compatible	
10	Battery Voltage	As per system design	
11	Battery Charging	Solar / Grid / Generator, as applicable	
12	Operating Mode	Stand-alone	
13	Protection	OVP, OCP, SCP, OTP & Reverse Polarity	
14	Communication	RS485 / Ethernet / Wi-Fi	
15	Standard Compliance	IEC 62109 / IEC 62477-1	
16	Certification	BIS / IEC Certified	
17	Type Test Certificate	NABL/IEC Accredited Lab	
18	Warranty	≥5 Years	

Quality Certification, Standards and Testing for Equipment		
Item No.-3		Solar PV Inverters (Hybrid)
Sl. No.	IS / IEC Code	Description / Requirement
1	IEC 62109-1 / IS 16221 (Part 1 & 2)	Safety of power converters for use in photovoltaic power systems – General requirements
2	IEC 61000-3-2 / IEC 61000-3-3	Limits for Harmonic Current Emissions and Voltage Fluctuations.
3	IEC 60529	Degree of Protection provided by Enclosures (Minimum IP65 for outdoor installation).
4	IEC 62116 / IS 16169	Anti-islanding measures for utility-interconnected photovoltaic inverters
5	IEC 61727	Utility interface characteristics for photovoltaic systems
6	IEC 61683	Photovoltaic systems – power conditioners – efficiency measurement procedure
7	BIS Certification	Valid BIS/ISI certification, wherever applicable/mandatory under relevant Indian standards
8	NABL Test Certificate	Type test and performance test certificates from NABL-accredited/recognized laboratory, as applicable

Guaranteed Technical Particulars (GTP) for OEM- Hybrid Solar PV Inverter 0-500KW)			
Sl. No.	Particulars	Parameter (Indicative)	Parameter (Actual)
1	Inverter Type	Hybrid	
2	Application	On-Grid RSPS	
3	Rated AC Output Power	0–500 kW	
4	Maximum DC Input Voltage	≥600-1500 VDC	
5	MPPT Efficiency	≥99%	
6	Maximum Inverter Efficiency	≥97%	
7	AC Output Voltage	230/400 VAC	
8	Frequency	50 Hz	
9	Battery Compatibility	Lithium-ion / Compatible	
10	Battery Voltage	As per system design	
11	Operating Mode	Grid / Solar / Battery	
12	Power Factor	≥0.99	
13	Total Harmonic Distortion (THD)	≤3%	
14	Anti-Islanding Protection	Provided	
15	Protection	OVP, OCP, SCP, OTP, Reverse Polarity & Anti-Islanding	
16	Communication	RS485 / Ethernet / Wi-Fi	
17	Standard Compliance	IEC 62109, IEC 62116, IEC 61727	
18	Certification	BIS / IEC Certified	
19	Type Test Certificate	NABL/IEC Accredited Lab	
20	Warranty	≥5 Years	

Quality Certification, Standards and Testing for Equipment	
Item No.-4	BATTERY
IS 15549/IEC 61427/IEC 60896-21	Secondary cells and batteries for renewable energy storage applications: Performance requirements and methods of test.
IS 16270	Secondary Cells and Batteries for Solar Photovoltaic Application General: Requirements and Methods of Test
IS 16046 / IEC 62619	Safety requirements for Lithium-ion cells and batteries used in industrial and energy storage applications.
IEC 62133 (as applicable)/IEC60896-22	Safety requirements for rechargeable secondary cells and batteries.
IEC 60068	Environmental testing for temperature, humidity, vibration, and mechanical stress conditions.
Battery Management System (BMS)	Integrated BMS with protection against overcharge, over-discharge, over-current, short-circuit, and over-temperature conditions.
Cycle Life Test	Battery shall meet the specified cycle life under standard operating conditions as declared by the manufacturer.
Efficiency Test	Verification of charge-discharge efficiency and round-trip efficiency.
Warranty Requirement	Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

GTP (Guaranteed Technical Particulars) for OEM – Battery				
Sl. No.	Parameter	Unit	Value (Indicative)	Value (Actual)
1	Battery Technology	–	LiFePO ₄	
2	Nominal Battery Voltage	V	≥51.2	
3	Battery Capacity	kWh	As per Design	
4	Usable Depth of Discharge (DoD)	%	≥90	
5	Round Trip Efficiency	%	≥95	
6	Continuous Charge/Discharge Rate	C	≥0.5C	
7	Cell Type	-	Prismatic	
7	Cycle Life	Cycles	≥6000 (@ 80% DoD)	
8	Design Life	Years	≥10	
9	Battery Management System (BMS)	–	Integrated	
10	Protection Features	–	OVP, UVP, OCP, SCP, OTP	
11	Communication	–	RS485/CAN	
12	Operating Temperature	°C	-10 to +55	
13	Enclosure Protection	IP	IP20/IP54	
14	Fire Safety	–	Cell Protection	
15	Standard Compliance	–	IEC 62619, IEC 63056	
16	BIS Certification	–	Mandatory	
17	Type Test Certificate	–	Required	
18	Remaining Capacity at End of Warranty	%	≥70	
19	Warranty	Years	≥5	

GTP (Guaranteed Technical Particulars) for OEM – Battery			
Sl.No.	Parameter	Value (Indicative)	Value (Actual)
1	Battery Technology	VRLA-GEL, sealed maintenance-free, rechargeable lead-acid battery	
2	Capacity Rating	C10 at 27°C	
3	Nominal Voltage	12 V/2 V per unit/cell, as applicable	
4	Usable DoD	≥50%	
5	Round-trip efficiency	≥80%	
6	Continuous Charge/Discharge	≥0.1C	
7	Cycle Life	≥4500 cycles @ 70% DoD, 27°C	

8	Design Life	≥5 years in solar cyclic application	
9	BMS	Not applicable; protection through inverter/charge controller	
10	Operating Temperature	0–50°C	
11	Enclosure	IP54 minimum where enclosure is provided	
12	Standards	IS 15549 + IS 16270 + IEC 60896-21/22, latest applicable versions	
13	BIS	Mandatory	
14	Type Test	NABL/Govt. laboratory	
15	Capacity at End of Warranty	≥80% of rated capacity	
16	Warranty	Minimum 5 years	

Quality Certification, Standards and Testing for Equipment	
Item No.-5	Solar PV Module Mounting Structure (MMS)
IS 2062:2011/IS 4759/AA6063 T6	Material for the structure mounting. Structural Steel for MMS shall conform to IS 2062 Grade E250/E350 as applicable
IS 800:2007	Structural design shall comply with Code of Practice for Steel Structures.
IS 875 (Part I–III)	Design shall consider dead, live and wind loads. Wind loads minimum 200 km/h or as per IS 875 Part III and local site conditions.
IS 1893	Earthquake-resistant structural design.
IS 4759 / IS 2629	Hot Dip Galvanization with minimum 80-micron coating after fabrication.
IS 1367 / ISO 898	High-strength SS304/SS316 or HDG bolts, nuts and washers.
IEC 62548	PV array mounting structure design requirements.
MNRE Guidelines	Compliance with latest MNRE/BIS specifications for Solar PV systems.
Mechanical Strength Test	Structure shall withstand design wind and mechanical loads without permanent deformation.
Galvanization Test	Verification of coating thickness and adhesion as per IS standards.
Material Test Certificate (MTC)	OEM shall provide steel/aluminium material test certificates.
Factory & Site Inspection	FAT (Factory Acceptance Test)/SAT (Site Acceptance Test) and quality inspection before dispatch and after installation.
Warranty Requirement	Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

Guaranteed Technical Particulars for OEM (Original Equipment Manufacturer)- Solar PV Module Mounting Structure (MMS), Non-Invasive Ballast structure			
Sl. No.	Parameter	Value (Indicative)	Value (Actual)
1	Application	Rooftop Solar PV	
2	Structure Material	Hot Dip Galvanized Steel / Iron / Aluminium Alloy	
3	Aluminium Grade	AA6063-T6 / AA6005-T5	
4	Galvanization Thickness	Minimum 80 microns (Hot Dip Galvanized)	
5	Fasteners	SS304 / SS316	
6	Module Tilt Angle	Site specific (10°–30° or approved design)	
7	Wind Load Design	Minimum 200 km/h	
8	Corrosion Protection	HDG / Anodized Aluminium	
9	Design Life	Minimum 25 Years	
10	Factor of Safety	As per IS 800 & IS 875	

11	Standards	IS 2062, IS 4759, IS 800, IS 875, ASTM A123, MNRE/BIS Guidelines	
12	Warranty	≥20 years	

Recommended Minimum Requirements

Item	Requirement
Structure Material	Hot Dip Galvanized Steel/Iron/ Aluminium Alloy
Steel Grade	IS 2062 Grade E250 or higher
Aluminium Grade	AA6063-T6 / AA6005-T5
Galvanization	Minimum 80 microns
Fasteners	SS304 / SS316
Wind Resistance	Minimum 200 km/h
Design Life	Minimum 25 Years
Warranty	Minimum 10 Years
Standards	IS 2062, IS 4759, IS 800, IS 875, ASTM A123, MNRE/BIS Guidelines
Installation	Suitable for RCC, Metal Sheet and Industrial Roofs

Quality Certification, Standards and Testing for Equipment

Item No.-5 Solar Photovoltaic Modules	
IEC 61215 / IS 14286	Design Qualification and Type Approval for Crystalline Silicon Terrestrial Photovoltaic (PV) Module
IEC 61730 Part 1 & Part 2 / IS 61730	Photovoltaic (PV) Module Safety Qualification – Requirements for Construction and Testing.
IEC 62804/IS 17210	Potential Induced Degradation (PID) test for Crystalline Silicon PV Modules.
IEC 61701	Salt Mist Corrosion Test (applicable for coastal/corrosive environment areas).
IEC 62716/ IS 16664	Ammonia corrosion resistance testing of PV Modules.
IEC 60068-2	Environmental testing for temperature, humidity and mechanical stress.
BIS Certification	Mandatory BIS-certified Solar PV Modules complying with applicable Indian Standards.
ALMM Compliance	Modules shall be listed in the latest MNRE Approved List - I of Models and Manufacturers (ALMM), procuring cell from ALMM List- II.
Flash Test Report	Each module shall be supplied with an individual flash test report and unique serial number.
Warranty Requirement	Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

Guranteed Technical Particulars for OEM (Original Equipment Manufacturer)- Solar Photovoltaic Modules

Sl. No.	Technical Parameter	Unit	Value (Indicative)	Value (Actual)
1	Module Technology	-	Mono PERC/ TOPCon	
2	Cell Type	-	Monocrystalline	
3	Number of Cells	Nos.	144	
4	Rated Maximum Power (Pmax)	Wp	≥500(For Solar Power Plant) As Applicable (for other DRE)	
5	Module Efficiency	%	≥21.0	
6	Power Tolerance	W	0 to +5	
7	Maximum System Voltage	V DC	1500	
8	Voc	V	OEM Std.	
9	Isc	A	OEM Std.	
10	Vmp	V	OEM Std.	
11	Imp	A	OEM Std.	
12	Module Dimensions (L x B x H)	mm	OEM Std.	
13	Weight	kg	OEM Std.	

14	Front Glass	mm	3.2 Tempered Low Iron	
15	Frame Material	-	Anodized Aluminium	
16	Junction Box	-	IP68	
17	Connector	-	MC4 Compatible	
18	Protection Class	-	Class II	
19	Operating Temperature	°C	-40 to +85	
20	Temp. Coefficient (Pmax)	%/°C	≤-0.35	
21	Wind Load	Pa	≥5400	
22	Snow Load	Pa	≥2400	
23	Fire Safety	-	IEC Standard	
24	PID Resistance	-	Required	
25	Product Warranty	Years	≥10	
26	Performance Warranty	Years	30	
27	First Year Degradation	%	≤1.0	
28	Annual Degradation	%	≤0.40	
29	Output after 30 Years	%	≥87.4	
30	Installation & O&M Manual	-	Required	
31	IEC/BIS Test Reports	-	Required	

Quality Certification, Standards and Testing for Equipment	
Item No.-6	Solar Street light
IS 10322 (Part 5/Sec 3)	Lighting design and installation requirements for outdoor lighting.
IS 1944	Lighting fittings – General requirements and tests.
IEC61547	Electromagnetic compatibility immunity requirements of the electrical/electronic lighting products
IEC 60598 – Part 1	Specifies general requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1000 V.
IEC 60598-2-3	Safety requirements for outdoor LED luminaires.
IEC 60529	Degree of Protection – Minimum IP65 for luminaire and IP65/IP67 for controller/battery enclosure.
IEC 62257	Recommendations for stand-alone photovoltaic systems.
IEC61000-3-2 – EMC	Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
IEC 62109	Minimum requirements for the design and manufacture of power conversion equipment (PCE) for protection against electric shock, energy, fire, mechanical and other hazards
Staad pro report certified by Structural Engineer	Wind speed test report to withstand 200 km/hr.
LED Lights & Luminaires- LM 79 or or IS: 16106:2012 & LM 80	LED Chip should be compliance to IES: LM-79/80 (Approved Method for Measuring Lumen Maintenance of LED Light Sources and LED lumen depreciation time to L70). Test report for same should be submitted. LM-80 for LED Confirmation to BIS or equivalent standards.
Battery Performance	Battery shall comply with applicable IS/IEC standards and include integrated BMS (for Li-ion/LiFePO ₄ batteries). Integrated BMS with protection against overcharge, over-discharge, over-current, short circuit and over-temperature
Charge Controller	MPPT/PWM controller with protections against overcharge, deep discharge, reverse polarity, short circuit and overload.
Pole & Structure	Hot-dip galvanized steel pole conforming to relevant IS standards with suitable wind load design.

Environmental Testing	Suitable for outdoor operation under high temperature, humidity and UV exposure.
Factory & Site Testing	FAT/SAT and performance verification before dispatch and after installation.
Warranty Requirement	Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

Guaranteed Technical Particulars (GTP)
Original Equipment Manufacturer (OEM)-Solar Street Lighting System

(A) LED Luminaire

SI No	Parameter	Requirement	
1	LED Wattage	15W–120W	
2	Luminaire Efficacy	≥165 lm/W	
3	System Efficacy	≥120 lm/W	
4	Power Factor	≥0.95	
5	CRI	≥70	
6	CCT	4000–5700 K	
7	Housing	Pressure Die Cast Aluminum	
8	IP Rating	IP66	
9	Impact Resistance	IK08	
10	Life	≥50,000 Hours	

(B) LiFePO4 Battery

SI No	Parameter	Requirement	
1	Battery Chemistry	LiFePO ₄	
2	Voltage	12.8V / 25.6V	
3	Capacity	As per rating	
4	Cycle Life	≥6000 Cycles	
5	BMS	Integrated	
6	Autonomy	Minimum 2 Days	
7	Warranty	5 Years	

(E) MPPT Controller

SI No	Parameter	Requirement	
1	Technology	MPPT	
2	Efficiency	≥95%	
3	Dusk to Dawn	Yes	
4	Programmable Dimming	Yes	
5	Protections	Overcharge/Deep discharge/Reverse polarity/Short Circuit/ Over Temperature	

(F) Pole & Mounting Structure

SI No	Parameter	Requirement	
1	Pole Type	Tubular / Octagonal	
2	Material	Hot Dip Galvanized Steel	
3	Height	4–10 m	
4	Thickness	3–5 mm	
5	Galvanization	≥80 Microns	
6	Wind Resistance	200 km/h	
7	Base Plate	As per IS Standards	
8	Foundation	M20 RCC	

Minimum Requirements

- Minimum Battery Autonomy: 2 consecutive nights
- Minimum Backup per Night: 12 hours
- Battery Type: LiFePO₄ (Lithium Iron Phosphate) with inbuilt BMS
- Operation: Automatic dusk-to-dawn
- Battery Protection: Overcharge, over-discharge, short circuit, reverse polarity, over-current and over-temperature
- Autonomy Verification: To be demonstrated during type testing as per applicable BIS/MNRE specifications
- Expected Battery Life: Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

NB: (i) CRI- Color Rendering Index

(ii) CCT- Correlated Color Temperature

(iii) BMS-Battery Management System

(iv) DoD- Depth of Discharge

(v) ALMM- Approved List of Models and Manufacturers.

(vi) MPPT-Maximum Power Point Tracking

Quality Certification, Standards and Testing for Equipment		
Item No.- 7		AC Cable
Sl. No.	IS / IEC Code	Description / Requirement
1	IS 7098 (Part 1)	XLPE insulated PVC/thermoplastic sheathed cables for working voltages up to and including 1.1 kV
2	IS 8130	Conductors for insulated electric cables – requirements for conductor material, construction and resistance
3	IS 5831	PVC insulation and sheath for electric cables – requirements and tests
4	IEC 60332-1-2	Test for vertical flame propagation for a single insulated wire or cable
5	IS 10810 (Part 53)	Methods of tests for cables – flame propagation test
6	IS 3975	Specification for low-voltage PVC sheathed cables with metallic protection, where applicable
7	IS 7098 / Applicable IS	Routine, type and acceptance tests including conductor resistance, insulation resistance, high-voltage test and dimensional checks
8	BIS Certification	Cable shall have valid BIS licence/ISI Mark , wherever mandatory under applicable BIS requirements.
9	NABL Accreditation	Test certificates shall be issued by the manufacturer and/or NABL-accredited laboratory , as applicable.

Quality Certification, Standards and Testing for Equipment		
Item No.- 8		DC Cable
Sl. No.	IS / IEC Code	Description / Requirement
1	EN 50618	Electric cables for photovoltaic systems – requirements for 1.5 kV DC solar cables
2	IEC 62930	Electric cables for photovoltaic systems with a voltage rating of 1.5 kV DC
3	IS 17293	Electric cables for photovoltaic systems – applicable requirements for solar DC cables
4	IEC 60228	Conductors of insulated cables – conductor class, construction and electrical resistance
5	IEC 60332-1-2	Test for vertical flame propagation of a single insulated wire or cable
6	IEC 61034-2	Measurement of smoke density of cables under defined burning conditions
7	IEC 60754-1 / 60754-2	Tests for gases evolved during combustion – halogen acid gas and acidity/conductivity
8	IEC 62852	Connectors for DC application in photovoltaic systems – safety requirements and tests

9	BIS Certification	Cable shall have valid BIS licence/ISI Mark , wherever applicable/mandatory under relevant Indian requirements.
10	NABL Accreditation	Relevant type/routine test certificates shall be submitted from the manufacturer and/or NABL-accredited laboratory , as applicable.

Quality Certification, Standards and Testing for Equipment		
Item No.- 9		Earthing System
Sl. No.	IS / IEC Code	Description / Requirement
1	IS 3043	Code of practice for earthing – design, installation and maintenance of earthing systems
2	IS 2062	Hot rolled medium and high tensile structural steel – applicable for GI/MS earthing components, where relevant
3	IS 4759	Hot-dip zinc coatings on structural steel and other ferrous articles – requirements for galvanizing
4	IEC 60364-5-54	Low-voltage electrical installations – earthing arrangements and protective conductors
5	IEC 62561 (Series)	Lightning protection system components – requirements and tests for earthing and bonding components, where applicable
6	IS 8623 / Applicable IS	Requirements for electrical equipment/enclosures and associated earthing provisions, where applicable
7	BIS Certification	Earthing electrodes, GI strips, wires and other applicable components shall conform to relevant BIS standards and carry ISI Mark , wherever mandatory.
8	NABL Accreditation	Relevant material/test certificates shall be submitted from the manufacturer and/or NABL-accredited laboratory , as applicable.

Quality Certification, Standards and Testing for Equipment		
Item No.- 9		Lightening Arrestor
Sl. No.	IS / IEC Code	Description / Requirement
1	IEC 61643-11	Low-voltage surge protective devices – requirements and test methods for SPDs connected to AC power systems
2	IS 15086 (Part 4)	Surge protective devices connected to low-voltage power systems – requirements and test methods
3	IEC 60099-4	Metal-oxide surge arresters without gaps for AC power systems, where applicable
4	IS 3070 (Part 3)	Lightning arresters/surge arresters – metal-oxide type, where applicable
5	IEC 62305 (Series)	Protection against lightning – risk assessment, protection measures and lightning protection systems
6	IS/IEC 62561 (Series)	Lightning protection system components – requirements and tests for relevant components
7	BIS Certification	LA/SPD shall conform to applicable BIS standards and carry ISI Mark/BIS certification , wherever mandatory.
8	NABL Accreditation	Type/routine test certificates shall be submitted from the manufacturer and/or NABL-accredited laboratory , as applicable.

Quality Certification, Standards and Testing for Equipment		
Item No.- 10		AC MCB/MCCB
Sl. No.	IS / IEC Code	Description / Requirement
1	IS/IEC 60898-1	Circuit-breakers for overcurrent protection for household and similar installations – MCB requirements and tests
2	IS/IEC 60947-2	Low-voltage switchgear and controlgear – circuit-breakers – requirements and tests for MCCB
3	IS/IEC 60947-1	General requirements for low-voltage switchgear and controlgear
4	IEC 60664-1	Insulation coordination for low-voltage equipment – insulation and clearance requirements
5	IEC 60947-5-1	Control circuit devices and switching elements, where applicable
6	BIS Certification	MCB/MCCB shall have valid BIS/ISI certification , wherever mandatory under applicable BIS requirements.
7	NABL Accreditation	Relevant type/routine test certificates shall be submitted from the manufacturer and/or NABL-accredited laboratory , as applicable.

Quality Certification, Standards and Testing for Equipment		
Item No.- 11		DC MCB/MCCB
Sl. No.	IS / IEC Code	Description / Requirement
1	IEC 60947-2	Low-voltage switchgear and control gear – circuit-breakers; applicable to DC circuit-breakers/MCCBs
2	IEC 60947-1	General requirements for low-voltage switchgear and control gear
3	IEC 60898-2	Circuit-breakers for overcurrent protection – applicable to DC MCBs for household and similar installations
4	IEC 60947-3	Switches, disconnectors, switch-disconnectors and fuse-combination units, where applicable
5	IEC 60269-6	Low-voltage fuses – supplementary requirements for fuse-links for DC photovoltaic systems, where applicable
6	BIS Certification	DC MCB/MCCB shall have valid BIS/ISI certification , wherever applicable/mandatory under relevant Indian standards.
7	NABL Accreditation	Relevant type and routine test certificates shall be submitted from the manufacturer and/or NABL-accredited laboratory , as applicable.

Quality Certification, Standards and Testing for Equipment		
Item No.- 11 SPD Type I and II		
Sl. No.	IS / IEC Code	Description / Requirement
1	IEC 61643-31	Surge Protective Devices for DC applications – requirements and test methods for SPDs connected to DC photovoltaic systems
2	IEC 61643-11	Low-voltage surge protective devices – requirements and test methods for SPDs connected to AC power systems, where applicable
3	IEC 61643-12	Selection and application principles for surge protective devices
4	IEC 62305 (Series)	Protection against lightning – risk assessment and lightning protection measures
5	IEC 61643-32	Selection and application principles for SPDs connected to photovoltaic installations
6	IS 15086 (Part 4)	Surge protective devices connected to low-voltage power systems – requirements and test methods, where applicable
7	BIS Certification	SPD shall have valid BIS/ISI certification , wherever applicable/mandatory under relevant Indian standards.
8	NABL Accreditation	Type/routine test certificates shall be submitted from the manufacturer and/or NABL-accredited laboratory , as applicable.

Quality Certification, Standards and Testing for Equipment		
Item No.- 7 Solar Home Lighting System		
Sl. No.	IS / IEC Code	Description / Requirement
1	IEC 61215 / IS 14286; IEC 61730 / IS 16077	Solar PV Module
2	IEC 60598 / relevant IS standard	LED Lamp/Luminaire
3	IEC 62619 / IEC 62133-2	Battery – Li-ion/LFP
4	IEC 62509	Solar Charge Controller
5	IEC 60529 (IP Rating)	Enclosure / Protection
	IS 7098 / Applicable IS	Routine, type and acceptance tests including conductor resistance, insulation resistance, high-voltage test and dimensional checks
7	BIS Certification	Cable shall have valid BIS licence/ISI Mark , wherever mandatory under applicable BIS requirements.
8	NABL Accreditation	Test certificates shall be issued by the manufacturer and/or NABL-accredited laboratory , as applicable.

Guaranteed Technical Particulars for OEM (Original Equipment Manufacturer)- Solar Home Lighting System (AC/DC)						
Sl. No.	Parameter	TYPE	Quantity (Indicative)	Specification (Indicative)	Quantity (Actual)	Specification (Actual)
1	Solar PV Module	AC/DC	1	500Wp 24V/48V		
2	Battery	AC/DC	1	25.6V, 100Ah LiFePO4		
3	Charge Controller	AC/DC	1	With USB Charging		
4	LED Tube Light	AC/DC	1	12W/18W		
5	Pedestal Fan	AC/DC	1	18W (for DC System)		

				30W (for AC System)		
6	Bulb	AC/DC	3	9W		
7	Two Pin Plug	–	1	30W		
8	RMS	AC/DC	1	As required		
9	Cable & Accessories	AC/DC	As required	As Required		

Note: After empanelment for inverter & SHLS, the OEM shall provide SLD for all applicable inverter capacities, along with BOS specification.

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name]

Seal: [insert seal of the Bidder]

5.5 Bid Form 5 (Work Experience)

Technical Qualification

(To be submitted on the letterhead of the chartered accountant)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We confirm that we meet the Qualification Requirement mentioned in QR Clause 4.2.1 of Section 4 (QR) and we have the experience of supply of equipment for a cumulative capacity as mentioned under the technical qualification for which it is submitting its Bid, in the last three (3) years from the last date of online submission of the Technical Bid in India as the EPC contractor.

Technical Qualification	Number of Units Supplied	FY23-24	FY 24-25	FY 25-26
Supply of Inverter	No's	[insert]	[insert]	[insert]
Supply of Battery	No's	[insert]	[insert]	[insert]
Supply of Module Mounting Structure	No's	[insert]	[insert]	[insert]
Supply of Solar Photovoltaic Module	No's	[insert]	[insert]	[insert]
Supply of Solar Street Lights (integrated, Semi-integrated & Fully-integrated/ All-in-One Solar Street Light)	No's	[insert]	[insert]	[insert]
Supply of Balance of System (Protection Devices/Cable/LA/Earthing/Pole)	No's	[insert]	[insert]	[insert]

In case of any false documents submitted and found in the future, we shall be liable to be proceeded against as per the Applicable Law.

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name]

Seal: [insert seal of the Bidder]

5.6 Bid Form 6 (Financial Qualification)

(To be submitted on the letterhead of the chartered accountant)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

I, [insert name of the chartered accountant], confirm that the Bidder, [insert name of the Bidder], as per our detailed evaluation of the Bidder's latest certified true copy of the audited annual accounts and their work orders bidder's average annual turnover are as follow:

Average annual turnover,

Particulars	Unit	FY23-24	FY 24-25	FY 25-26
Annual turnover from the income/ earning/ revenue from supply of <i>[particular equipment]</i> in India under the category only	Lakh INR	[insert]	[insert]	[insert]
Average annual turnover from the income/ earning/ revenue from supply of <i>[particular equipment]</i> in India under the category only	Lakh INR	[insert]		

other income is not considered

[For partnership firm and sole proprietorship firm, as per the methodology certified by the chartered accountant based on the Applicable Law in India.]

I hereby declare that all the information and statements made in this certificate are complete, true and correct and also accept that any misinterpretation contained in it may lead to cancellation of my CA membership, and I shall be liable to be proceeded as per the Applicable Law.

Place: [insert place] [sign here]
Signature

Name of Chartered Accountant (CA): [insert name]

Designation: [insert designation]

Name of the firm of the CA: [insert Bidder's legal entity name] CA

membership no.: [insert CA membership no.]

Registration no. of the CA's firm:

Seal: [insert seal of the Bidder]

* Attach the Copy of the last three (3) assessment year's "Income Tax Return" along with the above bid form *

5.7 Bid Form 7 (Power of Attorney)

POWER OF ATTORNEY

(On Non-Judicial Stamp Paper of Appropriate value)

KNOW ALL MEN BY THESE PRESENTS THAT WE M/s _____ A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF (NAME OF COUNTRY) HAVING ITS REGISTERED/PRINCIPAL OFFICE/PLACE OF BUSINESS AT _____ REPRESENTED BY (NAME OF PERSONS) (THE "EXECUTANT") DO HEREBY NOMINATE, CONSTITUTE, AUTHORIZE AND APPOINT MR. [_____] Name of Attorney, SON OF [_____] RESIDENT OF [_____] AND PRESENTLY EMPLOYED WITH [Employer Name], A COMPANY/CORPORATION ORGANISED AND _____ EXISTING UNDER THE LAWS OF (NAME OF THE COUNTRY) AND HAVING ITS REGISTERED OFFICE/PRINCIPAL PLACE OF BUSINESS AT [] AS OUR TRUE AND LAWFUL ATTORNEY ('THE ATTORNEY') TO DO IN OUR NAME AND ON OUR BEHALF ALL OR ANY OF THE FOLLOWING ACTS, DEEDS AND THINGS IN CONNECTION WITH OR IN RESPECT OF OR RELATING TO THE NOTICE INVITING TENDER NO. [] DATED [] (THE "NIT") ISSUED BY OREDA LTD, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF INDIA AND HAVING ITS REGISTERED OFFICE/PRINCIPAL PLACE OF BUSINESS (UNDER THE COMPANIES ACT) (AT OREDA LTD. MANCHESWAR, BHUBANESHWAR - 751010, ODISHA, INDIA) (THE "EMPLOYER") FOR THE EXECUTION OF THE SERVICES DESCRIBED IN THE NOTICE INVITING TENDER (NIT) (THE "SERVICES") THAT IS TO SAY:

TO PREPARE, OFFER, SIGN, SUBMIT AND DELIVER TO THE EMPLOYER THE EXECUTANT'S BID FOR THE SERVICES PURSUANT TO THE NIT (THE "BID") INCLUDING TO MAKE, SIGN SUBMIT, DELIVER, EXECUTE, AND ACCEPT ALL DOCUMENTS, INCLUDING APPLICATIONS AND OTHER WRITINGS NECESSARY FOR OR INCIDENTAL TO THE SIGNING, SUBMISSION AND DELIVERY OF THE BID TO THE EMPLOYER; TO NEGOTIATE, ENTER INTO, SIGN AND EXECUTE, ACCEPT AND DELIVER ALL CONTRACTS UNDERTAKINGS, ACCEPTANCES AND OTHER WRITINGS CONSEQUENT UPON ACCEPTANCE OF THE EXECUTANT'S BID; PARTICIPATE IN BIDDERS' AND OTHER CONFERENCES AND

PROVIDE ALL INFORMATION REQUIRED BY THE EMPLOYER AND TO FURNISH/SEEK CLARIFICATIONS ARISING OUT OF OR RELATING TO THE NIT AND, UPON AWARD OF THE CONTRACT CONSEQUENT TO THE ACCEPTANCE OF THE EXECUTANT'S BID BY THE EMPLOYER;

TO REPRESENT AND ACT ON BEHALF OF THE EXECUTANT IN RESPECT OF ALL MATTERS BEFORE THE EMPLOYER RELATING TO THE EXECUTANT TO BID AND UPON THE ACCEPTANCE OF THE EXECUTANT'S BID BY THE EMPLOYER INCLUDING THE RESULTANT CONTRACT ON SUCH THE ACCEPTANCE OF THE EXECUTANT'S BID (THE "CONTRACT") IN RESPECT OF ALL MATTERS RELATING TO OR ARISING OUT OF OR CONCERNING THE CONTRACT AND TO GENERALLY DEAL WITH THE EMPLOYER ON BEHALF OF THE EXECUTANT IN ALL MATTERS ARISING OUT OF OR IN CONNECTION WITH OR RELATING TO OR ARISING OUT OF THE EXECUTANT'S BID. THE NIT AND THE CONTRACT IN THE EVENT OF ACCEPTANCE OF THE EXECUTANT'S BID BY THE EMPLOYER.

AND GENERALLY TO DO ANY AND ALL OTHER AND FURTHER ACTS, DEEDS AND THINGS WHICH ARE NECESSARY FOR OR INCIDENTAL TO OR DEEMED APPROPRIATE FOR MORE EFFECTUAL EXERCISE OF THE POWERS HEREBY CONFERRED.

AND WE, THE EXECUTANT ABOVE NAMED DO HEREBY AGREE AND UNDERTAKE TO RATIFY AND CONFIRM AND DO HEREBY RATIFY AND CONFIRM ALL ACTS, DEEDS AND THINGS LAWFULLY DONE OR CAUSED TO BE DONE BY OUR SAID ATTORNEY PURSUANT TO AND IN EXERCISE OF THE POWERS HEREBY CONFERRED AND ALL ACTS, DEEDS AND THINGS DONE OR CAUSED TO BE DONE BY OUR SAID ATTORNEY PURSUANT HERETO SHALL ALWAYS BE DEEMED TO BE THE ACTS, DEEDS AND THINGS DONE BY THE COMPANY ITSELF.

IN WITNESS WHEREOF, THIS POWER OF ATTORNEY ON THIS [DATE] DAY OF [MONTH], [YEAR] HAS BEEN EXECUTED UNDER THE COMMON SEAL OF THE COMPANY, AT (NAME OF PLACE).

For [Name of the Executant]

By

(Name of Officer)

Title

WITNESSES

1.

Notes:

The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.

The Bidder should submit for verification the extract of the charter documents and documents such as a resolution of its Board of Director/ power of attorney in favors of the person executing this Power of Attorney for delegation of power hereunder on behalf of the Bidder.

For a Power of Attorney executed and issued overseas, shall be duly apostilled as per Hague Convention 1961 or duly stamped in accordance with Indian Stamp Act, 1899 within three months from the date of receipt of POA in India.

*Strike out the form if not applicable for the bidder.

Board Resolution

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

NIT no.: [insert NIT no.]

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED IN THE MEETING OF THE BOARD OF DIRECTORS OF M/S. [insert name of the Bidder] HAVING ITS REGISTERED OFFICE AT [insert office address of the Bidder] HELD ON [DD MMM YYYY] AT [HHMM]HRS.

Resolved that we, [insert name of the Bidder], do agree to participate in the NIT invited by OREDA LTD vide NIT no. [insert NIT no.] dated [DD MMM YYYY] for the selection as an Engineering, Procurement and Construction (EPC) Successful Bidder for Engagement of Original Equipment Manufacturer Empanelment of On-Grid / Off-Grid Inverter, Battery , Module Mounting Structure, Solar Photovoltaic Module and Solar Street Light at OREDA LTD.

RESOLVED FURTHER THAT, [insert name of the Bidder] agrees to unconditionally accept all terms and conditions mentioned in the aforementioned Bidding Document.

RESOLVED FURTHER THAT, Ms./ Mr. [Name of the Authorized Signatory] [is/ are] presently residing at [residential address of Authorized Signatory] and having PAN [insert PAN no. of Authorized Signatory] who is presently employed with us and holding the designation of [designation of the Authorized Signatory] is the Authorized Signatory of [insert name of the Bidder] be and hereby authorized to sign, execute and submit such applications, undertakings, agreements and other requisite documents writings and deeds as may be deemed necessary or expedient to implement the above Project.

AND RESOLVED FURTHER THAT, the common seal of the company is affixed, wherever necessary, in accordance with the applicable procedure laid down by the applicable law and the charter documents. For [insert name of the Bidder]

Chairman/ Director/ Company Secretary

(Signatory of the Board Resolution)

Name of the Authorized Signatory

Specimen signature of Authorized Signatory

5.8 Bid Form 8 (Self-certificate- I)

Self-certificate

(To be submitted on Firm's Letterhead)

Date: [DD MMM YYYY]

EOI no.: [insert EOI no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We, the undersigned, confirm and certify that we have not been debarred/ blacklisted/ defaulted by any Government, agency, Public Sector Undertaking (PSU), institution/ autonomous organizations in the past. We have not acted in concert or in collusion with any other Bidder or other person(s) and also not done any act, deed or thing which is or could be regarded as anti-competitive.

I/we hereby declare the following in the context of the EOI that:

In case of any false documents submitted and found in the future, we shall be liable to be proceeded against as per the Applicable Law.

In case of any such events, we have provided the case details and their current status below. [strike-off this line, in case it is not applicable].

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.9 Bid Form 9 (Self-certificate- II)

Self-certificate

(To be submitted on Firm's Letterhead)

I, _____, M/s _____ hereby certify that I/ we have neither failed to perform on any agreement nor been expelled from any project or agreement nor have had any agreement terminated for breach of contract by such bidder during last 05 (five) years.

If the information submitted above is found to be erroneous in future, the contract, if given to the firm shall be rejected without assigning any reasons thereof.

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.10 Bid Form 10 (Warranty Certificate)

(To be submitted on Firm's Letterhead)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA Ltd.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

The Warranty in respect of the Equipment shall be as follows:

Product Warranty for a period of five (5) years from the date of Commissioning of the Project.

We, [insert the Bidder name], hereby certify and confirm to provide service support during the entire warrantee period of 5 years from the date of installation for equipment supplied to any system integrator awarded by OREDA LTD for any OREDA LTD project.

The above criteria is for the period after the award of LOE.

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.11 Bid Form 11 (Undertaking for Indigenousness)

(To be submitted on Firm's Letterhead)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We, [insert the Bidder name], hereby certify and confirm that all the Equipment applied under the category shall be indigenous and not fully imported, as per the relevant guidelines of the Ministry of New and Renewable Energy (MNRE), Government of India.

The relevant certificates are enclosed herewith.

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.12 Bid Form 12 (Registration details)

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We, the undersigned, attaching the Certificate of Incorporation, Memorandum of Association (MOA) and Article of Association (AOA) [applicable in case of companies]. The AOA (if applicable) shall mention the company's operations and defines the company's purpose from the SOW point of view or

We, the undersigned, attaching the Partnership Deed [applicable in case of partnership firm]. or

We, the undersigned, attaching the proof of having the bank account or any other document as issued by the Government [applicable in case of sole proprietorship firm].

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.13 Bid Form 13 (PAN)

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We, the undersigned, attaching the copy of the PAN card.

The PAN is [insert PAN].

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.14 Bid Form 14(GST certificate)

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We, the undersigned, attaching the copy of the GST Certificate.

The GST no. is [insert GST no.] and the place of GST registration is for the state of [insert state name].

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name] Seal:

[insert seal of the Bidder]

5.15 Bid Form 15(No Deviation certificate)

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

We, [insert the Bidder name], hereby certify and confirm that we have read the clauses and provisions of the RFP, Addendums, Corrigendum, etc. issued thereafter and the stipulation of all clauses and provisions are acceptable to us, and we have not taken any deviation whatsoever to any of the clauses and provisions.

*In case the Bidder has taken any deviation, then the same shall be mentioned here.

Clause No.	Deviations considered, if any
[*strike-off, if not applicable]	

We further confirm that we are aware that our Bid would be liable for rejection in case any material misrepresentation is made or discovered with regard to the requirements of this RFP at any stage of the bidding process or thereafter during the performance of the Work Order.

Place: [insert place] [sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name]

Seal: [insert seal of the Bidder]

5.16 BID FORM 16 (UNDERTAKING FOR TIMELY WARRANTY SERVICE)

(To be submitted on Firm's Letterhead)

Date: [DD MMM YYYY]

RFP No.: [Insert RFP No.] dated [DD MMM YYYY]

To

The Chief Executive Officer

OREDA LTD.

S-3/59, Mancheswar Industrial Estate,

Bhubaneswar – 751010, Odisha.

Subject: Undertaking for Timely Service During Warranty Period

We, **[Name of the Bidder]**, hereby undertake that, if awarded the work under the above-mentioned RFP, we shall be fully responsible for providing **timely and effective warranty service** for all equipment, components and systems supplied, installed and commissioned by us during the entire warranty period.

We further undertake that:

All warranty-related complaints received from OREDA/System Integrators/beneficiary shall be **promptly attended to** by our authorized service personnel.

We shall acknowledge and register each complaint and initiate necessary action **within 24 hours** of receipt of the complaint.

We shall ensure **site visit/physical inspection within 48 hours**, wherever physical intervention is required.

Any defective equipment/component covered under warranty shall be **repaired or replaced at no additional cost** within the stipulated period prescribed in the RFP/Work Order.

We shall maintain adequate **spare parts, tools, manpower and technical support** to ensure uninterrupted operation of the installed system during the warranty period.

We shall provide a **dedicated contact person/service representative** for coordination of warranty complaints and service requests.

We shall maintain proper records of all complaints, service visits, repairs and replacement of components and shall furnish such records to OREDA whenever required.

Failure to provide warranty service within the stipulated timeline shall make us liable for **penalties and other contractual actions** as prescribed in the RFP/Work Order.

We shall not levy any additional charge towards labour, transportation, spare parts, repair or replacement for defects covered under warranty.

We hereby confirm that the above undertaking shall form an integral part of our bid and, in the event of award of work, shall be binding upon us throughout the warranty period.

Place: [Insert Place]

Signature: _____

Name of Authorized Signatory: [Insert Name]

Designation: [Insert Designation]

Name of the Bidder: [Insert Bidder's Legal Entity Name]

Contact No.: [Insert Contact Number]

Email ID: [Insert Email ID]

Seal of the Bidder

5.17 PERFORMANCE SECURITY

(To be submitted on a non-judicial stamp paper of appropriate value as per The Indian Stamp Act, 1899 relevant to the place of execution. The stamp paper shall be purchased in the name of the issuing bank only.)

Bank Guarantee (BG) no.: [insert BG no.]

Date: [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

WHEREAS M/s. [insert name of the Successful Bidder] having its registered office at [insert address]

(hereinafter called "the Successful Bidder") has been selected as the Successful Bidder for the selection as an Original Equipment Manufacturer Empanelment of On-Grid / Off-Grid; Battery, Module Mounting Structure & Solar Street light at OREDA LTD with reference to NIT no. [insert NIT no.] dated [DD MMM YYYY] and Letter of Empanelment no. [insert LOE no.] dated [DD MMM YYYY].

AND WHEREAS it has been stipulated by OREDA LTD in the said Bidding Document that the Successful Bidder shall furnish OREDA LTD with a Bank Guarantee from a nationalized or scheduled commercial bank for the sum specified therein, as Performance Security for compliance with its obligations in accordance with the Bidding Document, the Letter of Intent and the Work Order to be issued by OREDA LTD.

AND WHEREAS we have agreed to give the Successful Bidder such a Security Deposit in the form of this Bank Guarantee. NOW THEREFORE we hereby affirm that we are the guarantors and responsible to OREDA LTD on behalf of the Successful Bidder for an amount up to a total of INR [Amount of the Bank Guarantee in words]

([Indian Rupees in figures]) only and we undertake to pay OREDA LTD upon OREDA LTD's first written demand declaring the Successful Bidder to be in default under the various provisions of the Bidding Document and/ or the Work Order to be issued by OREDA LTD and without cavil or argument, any sum or sums within the limits of the amount of Bank Guarantee, as aforesaid, without OREDA LTD's need to prove or to show grounds or reasons for the demand or the sum specified therein. We hereby waive the necessity of your demanding of the said demand from the Successful Bidder before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Bidding Document and/ or the Work Order to be issued by OREDA LTD to be performed thereunder or any of the contract documents which may be made between you and the Successful Bidder shall in any way release us from any liability under this Bank Guarantee and we hereby waive notice of any such change, addition or modification.

This Bank Guarantee shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the issuing bank.

This Bank Guarantee shall be a primary obligation of the issuing bank and accordingly OREDA LTD shall not be obliged before enforcing this Bank Guarantee to take any action in any court or arbitral proceedings against the Successful Bidder, to make any claim against or any demand on the Successful Bidder or to give any notice to the Successful Bidder or to enforce any security held by OREDA LTD or to exercise, levy or enforce any distress, diligence or other processes against the Successful Bidder.

This Bank Guarantee shall be interpreted in accordance with the laws of India and the courts at Bhubaneswar, Odisha shall have exclusive jurisdiction.

This Bank Guarantee shall be effective only when the Bank Guarantee is issued to the account holder "Orissa Renewable Energy Development Agency" in the bank and branch "Axis Bank Ltd., Mancheswar Branch, Bhubaneswar" having the account no. 918010103435005 IFSC code UTIB0001973.

Notwithstanding anything contained herein above our liability under this guarantee is restricted to INR [insert] (Indian Rupees [in words]) only and it shall remain with an expiry date up to [DD MMM YYYY, 12 months from the original last date of submission of Bid] with a claim date up to [DD MMM YYYY, 03 months from the date of expiry] and shall be extended from time to time for such period, as may be desired by M/s. [insert the Successful Bidder name] whose behalf this guarantee has been given.

Our branch at [Name and address of the branch] is liable to pay the guaranteed amount depending on the filing of a claim and any part thereof under this Bank Guarantee only and only if you serve upon us at our [Name and address of the branch] branch a written claim or demand and received by us at our [Name and address of the branch] branch, otherwise the bank shall be discharged of all liabilities under this guarantee thereafter.

In witness whereof the Bank, through its authorized officer, has set its hand and stamp on [DD MMM YYYY] at [insert location of signing].

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal, name and address of the Bank and address of the Branch Power of attorney no.:

WITNESSES

Signature:

Name:

Address:

Signature:

Name:

Address:

Note:

1. This Bank Guarantee format is prepared in line with the Annexure-II of Finance Department Office Memorandum 4939 dated 13 Feb 2012, Govt of Odisha [Ref Para 22(i1)].
2. Please ensure that each page of the Bank Guarantee is duly signed by the authorized signatory of the issuing bank and stamp of the issuing bank is affixed thereon.
3. Please ensure whether the last page is signed with full particulars including two witnesses under the seal of Bank as required in the prescribed format.
4. Please ensure that the date, purpose of purchase of stamp paper and name of the purchaser are indicated on the back of the stamp paper under the signature of the stamp vendor. The date of purchase of stamp paper shall be not later than the date of execution of the Bank Guarantee.
5. In case of any overwriting, cutting, etc. on the Bank Guarantee have been properly authenticated under signature and seal of the authorized office of the issuing bank.

5.18 Pre-bid Form

Pre-bid queries

(To be submitted on the letterhead of the Bidder)

Date: [DD MMM YYYY]

RFP no.: [insert RFP no.] dated [DD MMM YYYY]

To

The Chief Executive Officer, OREDA LTD.

Address: S-3/59, Mancheswar Industrial Estate, Bhubaneswar - 751010, Odisha.

Email: ceoreda@oredaorissa.com

Sub: Request for Proposal for Engagement of Original Equipment Manufacturer (OEM) Empanelment of On-Grid / Off-Grid / Hybrid Inverter, Battery, Module Mounting Structure, Solar Photovoltaic Module and Solar Street light.

We are pleased to submit the following pre-bid queries:

Sl. No.	Clause no.	Page no.	Clause	Clarification sought	Rationale
1					
2					
3					
4					
5					

Place: [insert place]

[sign here]

Signature

Name of Authorized Signatory: [insert name]

Designation: [insert designation]

Name of the Bidder: [insert Bidder's legal entity name]

Seal: [insert seal of the Bidder]