



ODISHA RENEWABLE ENERGY DEVELOPMENT AGENCY

Under the Department of Energy

Government of Odisha

(ISO 9001:2008 / ISO 14001:2004)

S/59, MANCHESWAR INDUSTRIAL ESTATE

BHUBANESWAR-751010, ODISHA

Website : www.oredaodisha.com E-mail : ceoreda@oredaorissa.com

Letter No 2590 /OREDA

Dated. 16/08 2023

Corrigendum to the e-tender Notice No- 2287 dated 18th July 2023 for Design, Engineering, Supply, Installation, Testing and Commissioning of "Rooftop Solar Power System with 6 hours of battery backup system at 98 Schools" along with Comprehensive Maintenance for Five (5) years.

It is for information of all concerned that, in view of the queries received from the bidder(s), following Corrigendum, Addendum and clarification have been carried out in the e-tender Notice No – 2287/OREDA, dated 18.07.2023.

Extension of date of the schedule of Events:

Sl No.	Name of Event	As mentioned in e-tender Notice	Proposed Amendment
1	Date of publication of RFP on E-procurement website and OREDA website	19-07-2023	19-07-2023
2	Due date of pre bid query submission	25-07-2023 up to 5.00 PM	25-07-2023 up to 5.00 PM
3	Date and time of pre-bid meeting through virtual mode https://meet.google.com/onp-amnm-vxc	31-07-2023 at 11.30 AM	31-07-2023 at 11.30 AM
4	Due date and time for submission of online copies of Technical Bid and price bid.	16-08-2023 up to 5.00 PM	24-08-2023 up to 5.00 PM
5	Due date and time for submission of hard copies of Technical Bid for select Bid Forms only	19-08-2023 up to 1.30 PM	28-08-2023 up to 1.30 PM
6	Due date and time for the opening of Technical Bid for both online copies and hard copies, except price bid.	21-08-2023 up to 3.30 PM	29-08-2023 at 3.30 PM
7	Due date and time for the opening of online price bid applicable only for the bidders whose Technical bids shall be responsive.	To be intimate later	To be intimate later

All the prospective bidders are advised to kindly keep referring www.tenderwizard.com/OREDA and www.oredaorissa.com website for periodic updates.

All other terms and conditions of the original tender document shall remain unchanged.

Yours Faithfully

Chief Executive

Memo No. 2591 /OREDA

Date 16/8 /2023

Copy forwarded to State Project Director, Odisha School Education Programme Authority, "SHIKSHA SOUDHA", Unit – V, Bhubaneswar, Odisha for information.




16.08.2023

Chief Executive

Memo No. 2592 /OREDA

Date 18/8 /2023

Copy forwarded to M/S KEONICS, A Govt. of Karnataka Undertaking, No.29/1, Race course Road, Bangalore- 560 001 for information and necessary action.



16.08.2023

Chief Executive

Memo No. ⁽⁵⁾2593 /OREDA

Date 16/8 /2023

Copy forwarded to the Director (Admin) / All Divisional Heads / Publicity Wing / Notice Board / Website of OREDA i.e. www.oredaodisha.com for information and necessary action.



16.08.2023

Chief Executive

Addendum/Clarification to the e-tender Notice – 2287, dated 18.07.2023

Design, Engineering, Supply, Installation, Testing and Commissioning of "Rooftop Solar Power System with 6 hours of battery backup system at 98 Schools" along with Comprehensive Maintenance for Five (5) years.

Clarification on queries raised during pre-bid meeting on 31/07/2023

NIT no: 2287

Dated 18/07/2023

Sl. No.	RFP/PPA clause no. and Description	Existing Clause	Clarification sought	Clarification issued by OREDA	Addendum
1	Clause No: 4.4.1	The Bidder must have an aggregate average annual turnover of not less than 1 Cr INR in any of the three years out of the last five (5) financial years from FY 17-18, FY 18-19, FY19-20, FY20-21 and FY 21-22 from the solar business only.	We are eligible to participate in the tender, but we have net worth 1 Cr in last three financial years. Our last year audited financial reports have not been furnished yet. Hence, we request you to accept the last FY22-23 provisional certificate.	The clause specified to use any 3 years details of last 5 years. In the absence of details of FY 22-23 the bidder need to showcase the evidence through any 3 years out of those 4 years.	No corrigendum required. Tender conditions will prevail
2	Technical Qualification Criteria for Group A: Applicability: page-36, Clause No. 4.3.2	The bidder must have properly maintained the solar PV systems installed and commissioned in the above provided govt buildings or any other establishment registered under the Society Registration Act, 1860 or The Indian Trust Act, 1882. The average functionality rate as on the last date of submission of the bids must be more than 90%. In order to establish such functionality rate, the bidder must submit relevant information in the given format at 7.9.	Bidder must allow cumulative projects 150kwp under any state / Central or any govt projects and also, we request you to kindly remove the minimum 5 years of O&M experience has to be removed.	Tender conditions will prevail	

Sl. No.	RFP/PPA clause no. and Description	Existing Clause	Clarification sought	Clarification issued by OREDA	Addendum
3	General Suggestions		Lithium- ion battery that should be incorporate and that should be with the local battery management solution this point should be added in scope of work.	Necessary corrigendum issued	Only Tubular Gel/VRLA Battery type is to be used for the project.
4	7.5.1.4. Battery Bank	The batteries should be LIFEPO4 Type or VRLA (valve regulated lead acid) and shall have a long service life. The cells should confirm IS 15549/ IEC 61427	Lithium-ion battery that should be incorporate with the Indigenous design & developed battery Management system (BMS).	Please refer to SI no 3	1. On confirmation of receipt of material at every site duly certified and verified by AD, OREDA: Forty percent (40%) of the Initial CAPEX along with applicable tax at the time of invoicing 2. On achievement of Commissioning of the Project: Fifty percent (50%) of the Initial Capex along with applicable tax at the time of invoicing, as specified in the Works Order.
5	6.1. Special provisions of GCC	1. On achievement of Commissioning of the Project: Forty percent (90%) of the Initial Capex along with applicable tax at the time of invoicing, as specified in the Works Order. 2. On achievement of Acceptance of the Project: Ten percent (10%) of the Initial Capex along with applicable tax at the time of invoicing, as specified in the Works Order.	1. 30% advance along with LOI/ PO/WO. 2. 40% against material ready for dispatch. 3. 20% against delivery of material at site. 4. 10% against commissioning of project.	Following Corrigendum is issued.	1. On confirmation of receipt of material at every site duly certified and verified by AD, OREDA: Forty percent (40%) of the Initial CAPEX along with applicable tax at the time of invoicing 2. On achievement of Commissioning of the Project: Fifty percent (50%) of the Initial Capex along with applicable tax at the time of invoicing, as specified in the Works Order. 3. On achievement of Acceptance of the Project: Ten percent (10%) of the Initial Capex along with applicable tax at the time of invoicing, as specified in the Works Order.

6	Clause 4.1.1. of 4.1. General Qualification Requirement	<p>Applicability: For Category A and Category B Bidders The Bidder must be a</p> <p>4.1.1.1. company registered under The Indian Companies Act, 1956/ 2013; or</p> <p>4.1.1.2. partnership firm registered under The Indian Partnership Act, 1932; or</p> <p>4.1.1.3. Sole proprietorship firm under the relevant laws in India.</p> <p>Note: Joint venture, consortium and subcontracting are not allowed.</p>	<p>Allow Joint venture, consortium subcontracting with Maximum 3 Members / Partners</p>	Tender conditions will prevail	
7	4.1.2 General Qualification Requirement	<p>Applicability: For Category B Bidders Only In case the Bidder is a local MSME registered in Odisha, the Bidder must be registered under the MSME Development Act, 2006 in Odisha under Section D, Division 35, Group 351 having NIC 5-digit code of 35105 (Electric power generation using solar energy). Such Bidder under Category B shall be exempted from meeting "Technical Qualification Requirement" as per QR Clause 4.3 and "Financial Qualification Requirement" as per QR Clause 4.4, but shall comply "Specific Qualification Requirement" as per QR Clause 4.2 and 4.1.3. The local MSME only can apply for the Projects as mentioned in Section 2 (BDS).</p>	<p>Allow exemption for MSME Bidders for submission of Processing Fee, Cost of Bid & EMD</p>	Tender conditions will prevail	
8	2.1.3 of 2.1 Specific provisions of TB	<p>Details of Processing Fee, Cost of Bid & EMD. The Bid Processing Fee shall be made in favour of "KSEDC Limited" payable at "Bengaluru".</p>	<p>Clarification required of Beneficiary for processing fee</p>	Please refer to section 1.3 of RFP document for clarification	

9	Clause No 7.5.1.4. Battery Bank		<p>We recommend OREDA to exclude VRLA Battery Bank & strictly mention about Lithium Battery, as Li-Ion battery has 3 times Design life, less than One-Fourth Footprint, Nil/negligible maintenance, better operational benefits & long terms benefits to OREDA & End Customer etc. Hence, we strongly recommend for Li-Ion Battery along with Indigenous Battery Management Solutions & Exclude VRLA from this tender.</p>	Necessary corrigendum issued	Only Tubular Gel/VRLA Battery type is to be used for the project.
10	Clause No 7.5.1.4. Battery Bank		<p>Why LIFEPO4 / VRLA option. Only one type of battery should be asked for price comparison.</p> <p>We suggest going with LIFEPO4 batteries with Indigenous Battery Management System as it has better design life, Nil/negligible maintenance, better operational benefits & long term benefits.</p>	Necessary corrigendum issued	Only Tubular Gel/VRLA Battery type is to be used for the project.

11	6.1.1 Payment Terms		<p>Payment after installation & commissioning.</p> <p>We suggest making the 80% payment on delivery of material at sites and on submission of delivery documents. 10% on commissioning and on submission of commissioning reports along with warranty documents. 10% on submission of PBG and 2% PBG to be released after each year.</p>	<p>1. On confirmation of receipt of material at every site duly certified and verified by AD, OREDA: Forty percent (40%) of the Initial CAPEX along with applicable tax at the time of invoicing</p> <p>2. On achievement of Commissioning of the Project: Fifty percent (50%) of the Initial Capex along with applicable tax at the time of invoicing, as specified in the Works Order.</p> <p>3. On achievement of Acceptance of the Project: Ten percent (10%) of the Initial Capex along with applicable tax at the time of invoicing, as specified in the Works Order.</p>
12	7.1 List of projects	<p>In response to above said tender clause 7.10 list of sites (Schools) , It is found that in 38 schools load enhancement is needful and for the same an additional expenses , job work on electrical house wiring with new service line Erection.</p>	<p>Can we claim additional billing for the additional job work as this said work didn't consider in scope of work. Kindly Amend the same.</p>	<p>No electrical house wiring and new service lines work permitted under this tender. The cost of load enhancement application as approved by the DISCOMs will only be reimbursed on submission of actual invoice.</p>

13	GCC clause 5.2.2.1	Payment of 90% On achievement of Commissioning of the Project	We would like to request to payment at least 50% against supply of materials as per the Nodal agency/ Govt. agency do the same. (50% payment against supply)	Please refer to clarification issued in serial no 5	
14	2.1.8 and 01 ITB Clause: 1.6.3.3	For Category B bidders: The Performance Security shall be submitted for an aggregate amount equivalent to 25% of the PBG value specified for the Category A bidders in five parts.	As per the terms and conditions of the tender, a Performance Security Deposit is required from all bidders. We would like to bring to your attention the Odisha government's policy notification no. 7845-11SME-63/2016 dated 4/11/2016, point no.5 Supporting Framework) clause 5.3.7, which states that MSMEs are eligible for a reduced security deposit amount, specifically 25% of the prescribed security deposit. We kindly request you to consider and amend the condition of MSME relaxation for the performance security deposit, following all bidders, irrespective of their category A or B status.	The condition is already there. Local MSE bidders who want to participate as category B bidders only can submit the Performance security of 25% of PBG. For additional performance security the clause is not applicable	

15	2.1.3 ITB clause 1.3.3.2. and ITB clause 1.3.3.3	<p>In case a Bidder is quoting a price less than the Estimated Cost, then the Bidder shall mandatorily deposit an Additional Performance Security in the form of a Bank Guarantee and the Bank Guarantee shall be issued in favor of Chief Executive, OREDA payable at Bhubaneswar, Odisha, for an amount equivalent to the difference of the amount of Estimated Cost and the quoted price. This is to be uploaded online in the e-tender portal and the hard copy is to be submitted along with the other tender documents. This shall be valid for an expiry period of ten (10) Months from the last date of submission of Bid as per the NIT or any Corrigendum. The claim date shall be for a date, calculate for a period of twelve (12) Months from the date of expiry. This Additional Security shall be submitted as a part of the Price only and shall not be submitted under the Technical Bid by any chance; else the Bid shall be liable for rejection. This is a mandatory submission only for the Bidders who are quoting the prices less than the Estimated Cost in their Price Bid.</p>	<p>We request your approval to submit additional performance security in the form of a Fixed Deposit Receipt (FDR) or Term Deposit Receipt (TDR) as per the terms and conditions of the tender. This will provide us with a flexible and secure option to fulfil the required performance security obligations.</p>	Tender Conditions will prevail.	
16	7.5.1.4	<p>Battery Bank Capacity Details below) (kWp) Minimum Battery Bank Capacity (Ah) capacity of Solar Plant kWp), Battery Bank Voltage V), Minimum Battery Bank capacity (Ah):- 5 96 320 10 180 340 15 240 375</p>	<p>BATTERY BANK CAPACITY Kindly provide the battery capacity in Volt-Ampere Hours (VAh) for a better understanding and accurate planning of the system.</p>	Necessary Corrigendum Issued	<p>Battery bank capacity for project implementation is given below; 1. For 5 kW systems, Battery Backup capacity will be 20000 VAh. 2. For 10 kW systems, Battery Backup capacity will be 40000 VAh. 3. For 15 kW systems, Battery Backup capacity will be 60000 VAh.</p>

17	7.S.1.4	<p>There will be one battery bank comprising of appropriate capacity for respective SPV Power Plant. The batteries should be LIFEPO4 Type or VRLA (Valve regulated lead acid) and shall have a long service life. The bells should confirm IS 15549/ IEC 61427 and as per specification given below shall be provided.</p>	<p>We request you to allow the usage of Tubular GEL (T. GEL) and Low Maintenance Lead acid (LM/LA) batteries for the project. Both battery types offer different advantages, and this flexibility will enable us to design the most suitable and efficient system for the schools.</p>	<p>Please refer to clarification issued in serial no 3</p>	
18	<p>7.S.1.5 Power conditioning Unit (PCU) clause</p>		<p>We seek clarification on whether the Power conditioning Unit (PCU) is required to be on-grid, hybrid, or an off-grid UPS. This information is crucial for designing and selecting the appropriate PCU system that aligns with the project requirements.</p>	<p>The PCU will be required to be on-grid as per OERC approved design.</p>	