



**CHHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY**  
(Deptt. of Energy, Govt. of Chhattisgarh)

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**TENDER AMENDMENT NOTICE**

Amendment Notice to the Tender Document bearing Ref. No. Tender No.23883/CREDA/SPV-OM/Battery Bank/PCU/Solar Module issued on 08 th January, 2019 titled "Standardization of rates for Supply of lead acid Batteries for Solar Application & Rates for Buy-back of Scrap Batteries, Power Conditioning Unit (PCU) for Solar application & "For Supply of Poly crystalline Solar modules of different capacities for solar Application as per MNRE Specification/IEC Approved anywhere in the state of Chhattisgarh"

Following the pre-bid meeting that was held on 23<sup>rd</sup> January, 2019, the amendments mentioned hereunder are notified:-

S.no	Point and Para of	As per Original Tender issued on 8 <sup>th</sup> January, 2019	As per this amendment issued on 25 <sup>th</sup> January, 2019
1	NIT Page No.3 & Page No.01	Submission of Tender Document, Technical Bid, and Price Bid-31.01.2019	Submission of Tender Document, Technical Bid, and Price Bid- <b>07.02.2019</b>
		Examination of Technical Bid-31.01.2019	Examination of Technical Bid- <b>07.02.2019</b>
		Opening of Price /Financial Bid-31.01.2019	Opening of Price /Financial Bid- <b>07.02.2019</b>
2	Eligibility criteria for batteries Page No.04	For buy-back of used/scrap batteries:- The Bidder should have valid license / authorization from Central Pollution Control Board, Govt. Of India/ Pollution Control Board of any state. Preferable battery suppliers will be given priority for buy back of scrap batteries.	For buy-back of used/scrap batteries:- <b><u>The Bidder should be a battery manufacturer or its authorized dealer</u></b> . Bidder should have a valid license / authorization from Central Pollution Control Board, Govt. Of India/ Pollution Control Board of any state. <b><u>Order for Buy back of scrap batteries shall be given to battery supplier only .</u></b>
3	Eligibility criteria for Inverter ,Point no. 04,Page No.05	The bidder should have a Service Centre in Chhattisgarh.	The bidder should have a Service Centre in Chhattisgarh. <b><u>The physical inspection of the service centre shall be done by CREDA. If any time during the surprise visit of CREDA official the service centre do not found in operation then the concerned vendor shall be blacklisted for the period of three years .</u></b>
4	Eligibility criteria for Modules ,Point no. 03,Page No.05	The bidder should have valid test certificate from MNRE approved test lab/IEC Certified test labs of modules offered in the bid.	The bidder should have valid test certificate from MNRE approved test lab/IEC Certified test labs of modules offered in the bid. <b><u>Bidder must have BIS certification.</u></b>
5	General condition of contract ,Point no 11,Page no 15	The SD shall be kept valid for the period of two Years	The SD shall be kept valid for the period of <b><u>One Year.</u></b>
6	General condition of contract ,Point no 14,Page no 16	Supply order shall be given to L-1 subjected to rate reasonability.	Supply order shall be given to L-1 toL-3 parties depending on their performance subjected to rate reasonability.
7	General condition of contract ,Point no 13,Page no 15	Point no 13 shall be treated nullified.	

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8	Annexure-I Technical Specification(Tools Kit & testing equipment )Page No.19	Necessary Tool kits to be provided along with each battery bank for any immediate maintenance compositions & provide one hydrometer with Stand, multimeter, apron, shoes & petroleum jelly, etc. for each battery bank set more than 12 nos in case of 2V cell batteries (at each site).	Necessary Tool kits to be provided along with each battery bank for any immediate maintenance compositions & <u>provide one hydrometer with Stand, multimeter &amp; petroleum jelly, rubber gloves</u> etc. for each battery bank set more than 12 nos in case of 2V cell batteries (at each site).
9	Technaical specification of power conditioning unit(PCU) Page no. .20	(iii)The inverter shall have high conversion efficiency from 25% load to the full rated load.The conversion efficiency at 25% load shall not be less than 87% of that at full rated load. The efficiency of the inverter shall be more than 90% at full load. The supplier shall specify the conversion efficiency in the offer.  iv)The inverter shall have high overload capability. The overload capability of the inverter shall be a minimum of 200% at rated full load for minimum period of 05 sec.The supplier should specify the overload capacity in the bid.	(iii)The inverter shall have high conversion efficiency from 25% load to the full rated load.The conversion efficiency at 25% load shall not be less than <u>90%</u> of that at full rated load. The efficiency of the inverter shall be more than <u>80%</u> at full load. The supplier shall specify the conversion efficiency in the offer.  iv)The inverter shall have high overload capability. The overload capability of the inverter shall be a minimum of 200% at rated full load for minimum period of <u>01 sec</u> . The supplie should specify the overload capacity in the bid.
10	PCU specification 500VA to 10 KVA page no 21	No load power consumption:-<2% of total output rating output:- 1-phase,0.9 PF Regulation:-from minimum to maximum voltage 1-2%	No load power consumption:-< <u>2.5%</u> of total output rating output:- 1-phase, <u>0.8 PF</u> Regulation:-from minimum to maximum voltage <u>1-2.5%</u>

**BIS standards:- (As per GOI notification 4068 dated 12.10.2008)**

In case of **solar module** the manufacturers shall have to submit samples to the test labs recognized by BIS before or on 31.10.2018.

In case of **solar inverter**, the manufacturers who have valid IEC corresponding to IS will be allowed self certification for their products without submitting samples for testing to test labs.

In case of **batteries**, the self certification by manufacturers will be allowed with the proof of samples submitted to BIS approved test labs till 31.10.2018.

If the samples are not submitted to LAB till now then the successful bidder shall have to be given a period of one month for the submission of acknowledgement of sample submission to BIS approved labs.

Please Note:

1. The Bidders are requested to take note of the following changes made in the tender documents, which are to be taken in to account while submitting the tender. They shall be presumed to have done so and accordingly submitted the tender.
2. All other specifications, terms and conditions of the original tender document shall remain unchanged.
3. This amendment shall be the part of the tender documents and becomes effective immediately in supersession to the earlier corresponding version.

(Sanjeev Jain)

Chief Engineer

CREDA HO Raipur