

**CORRIGENDUM-1**

Ref: Tender No. 105486/CREDA/SPVPP/2022-23 Dated: 29-07-2022

**As per Pre Bid queries/suggestion received from prospective bidders, following Amendment/Clarification is being made against Tender No. 105486/CREDA/SPVPP/2022-23 Dated: 29-07-2022**

S. No.	Page No./Ref. Clause	Original Version	Amendment/Addendum/Clarification
1.	Pg-9/ Clause- 1 (b)	<p>Bidders must have minimum experience in last three consecutive financial years i.e. 2019-20, 2020-21 &amp; 2021-22 till 30.06.2022 as per the details mentioned below–</p> <p><b>Category- I –</b> The bidder must have installed and commissioned least one system of 02KW Capacity with LFP/ LMLA/ T-Gel battery bank and total installed cumulative capacity of 100KW. The minimum capacity of system is restricted to 150W for LFP battery bank and 1KW for LMLA, T-Gel battery bank.</p> <p><b>Category- II –</b> The bidder must have installed and commissioned least one system of 15KW Capacity with LFP/ LMLA/ T-Gel battery bank and total installed cumulative capacity of 1000KW. The minimum capacity of system is restricted to 5KW.</p>	<p>Bidders must have minimum experience in last three consecutive financial years i.e. 2019-20, 2020-21 &amp; 2021-22 till 30.06.2022 as per the details mentioned below–</p> <p><b>Category- I –</b> The bidder must have installed Solar Power Plant of cumulative capacity of 100KWp with LFP/ LMLA/ T-Gel battery bank. The installed Solar system should be of 150Wp and above with LFP battery bank and 1KWp and above with LMLA, T-Gel battery bank.</p> <p><b>Category- II –</b> The bidder must have installed and commissioned at least one Solar Power Plant of 10KWp Capacity with LFP/ LMLA/ T-Gel battery bank and must have installed Solar Power Plant of cumulative capacity of <b>500KWp</b>. The installed Solar system should be of 150Wp and above with LFP battery bank and 1KWp and above with LMLA, T-Gel battery bank</p>

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2.	Pg-9/ Clause- 1 (a)	<p>i. Bidder must have original valid test report of major component such as SPV Module, Battery, and PCU cum Inverter in the name of manufacturer. They will have to provide copy of such test report of the integrated systems or their major component from Solar Energy Test Centre or any other test center accredited by Ministry of New &amp; Renewable Energy (MNRE)/ NABL. Bidder must also have to submit original test reports of all the major components such as SPV Module, Battery and PCU cum Inverter.</p> <p><b>Financial bid of those Bidders will not be opened who have not submitted valid test report.</b></p> <p><b>Bidder should have original test certificate for system valid at the time of opening of the bid.</b></p> <p>In case, during the execution of the work, if the bidder/SI wishes to change the make of major components (with the same specifications in this bid) such as Solar Modules and/or Battery and/or PCU cum inverter and/or Charge controller, then such bidder/SI shall have to submit the test report of newly proposed configuration to CREDA and only after due approval from CREDA can the bidder install such system in the field. CREDA reserves the right to allow or disapprove such new configurations as and when they are brought to CREDA's notice by the bidders/SIs.</p> <p>ii. Bidder shall have to produce original test certificate(s) (in addition to the documents submitted in hard copy as per Clause 6(d)) for the bidding at the time of opening of technical bid.</p>	<p>i. Bidder must have valid test report of major component such as SPV Module, Battery, and PCU cum Inverter in the name of manufacturer, <b>which should be originally certified from manufacturer.</b> They will have to provide copy of such test report of the integrated systems or their major component from Solar Energy Test Centre or any other test center accredited by Ministry of New &amp; Renewable Energy (MNRE)/ NABL. Bidder must also have to submit test reports of all the major components such as SPV Module, Battery and PCU cum Inverter.</p> <p><b>Financial bid of those Bidders will not be opened who have not submitted valid test report.</b></p> <p><b>Bidder should have test certificate for system valid at the time of opening of the bid.</b></p> <p>In case, during the execution of the work, if the bidder/SI wishes to change the make of major components (with the same specifications in this bid) such as Solar Modules and/or Battery and/or PCU cum inverter and/or Charge controller, then such bidder/SI shall have to submit the test report of newly proposed configuration to CREDA and only after due approval from CREDA, bidder can install such system in the field. CREDA reserves the right to allow or disapprove such new configurations as and when they are brought to CREDA's notice by the bidders/SIs.</p> <p>ii. Bidder shall have to produce test certificate(s) (in addition to the documents submitted in hard copy as per Clause 6(d)) for the bidding at the time of opening of technical bid.</p>
3.	Pg-29/ Clause- 2 (a) S.No. 12	IS Standards:- IS 15767 (2008) IS 16270	IS Standards:- IS 16046 PART-II, IS 16047
4.	Pg-33/ Clause- 3 (f)	Efficiency: >90% of PCU at full load	<ul style="list-style-type: none"> <li>➤ For PCU of capacity ranging from 1KW to 4KW : Efficiency: &gt;85% at full load</li> <li>➤ For PCU of capacity more than 4KW Efficiency: &gt;90% at full load</li> </ul>



5.	Pg-36-37/ Clause- 12	<p><b>DC DISTRIBUTION BOARD (DCDB):</b> This shall consist of suitable powder coated metal casing. In this box a separate arrangement which shall consist of MCCBs of suitable specifications &amp; which can withstand respective flow of current, with the purpose of providing the option for isolating the battery bank &amp; SPV arrays should be made. There shall be copper bus bars of suitable rating. Proper rating HRC fuse &amp; MCCB/Isolator for DC application should be suitably installed in DCDB as battery bank isolator. Best quality Ah meter has to be installed to measure the cumulative charging &amp; discharging status of battery bank. In DC circuits AC MCB or MCCB shall not be permitted. As per drawing attached. Volt meter/ Amp meter to measure charging and discharging current/voltage.</p>	<p><b>DC DISTRIBUTION BOARD (DCDB):</b> This shall consist of suitable powder coated metal casing. In this box a separate arrangement which shall consist of MCCBs of suitable specifications &amp; which can withstand respective flow of current, with the purpose of providing the option for isolating the battery bank &amp; SPV arrays should be made. There shall be copper bus bars of suitable rating. Proper rating HRC fuse &amp; MCCB/Isolator for DC application should be suitably installed in DCDB as battery bank isolator. Best quality Ah meter has to be installed to measure the cumulative charging &amp; discharging status of battery bank. In DC circuits AC MCB or MCCB shall not be permitted. <b>All technical parameters must be displayed on the display screen of off-grid inverter.</b></p>
6.	Pg-38/ Clause- 19	<p><b>OTHER FEATURES-</b> A toll free number (i.e. 1800 12345 91) of IVRS of CREDA and CONTACT NUMBER OF TECHNICAL PERSON INSTALLATION AGENCY of minimum computer font size 72 or 13 mm is to be embossed/ punch in front of battery box by contractor/ bidder, which in case of non-working/operational problems etc of system will be dialed by the beneficiary etc to lodge a complaint in respect of system problems.</p>	<p><b>OTHER FEATURES-</b> A <b>permanent sticker</b> of toll free number (i.e. 1800 12345 91) of IVRS of CREDA and CONTACT NUMBER OF TECHNICAL PERSON INSTALLATION AGENCY of minimum computer font size 72 or 13 mm <b>should be placed in ACDB/DCDB</b> by contractor/ bidder, which in case of non- working/operational problems etc of system will be dialed by the beneficiary etc to lodge a complaint in respect of system problems.</p>

Note-

- All above amendments will be applicable for every clause having same point (co-related) in tender document.
- All other terms and conditions will remain same as per tender document.
- Bidder shall take note of the above amendment and submit their bids accordingly.
- This amendment forms an integral part of bidding document and shall be submitted along with the e-technical bid duly stamped and signed as a token of acceptance.

  
 Superintending Engineer (RE-05)  
 Tender Cell ,CREDA HO Raipur