



Chhattisgarh State Renewable Energy Development Agency (CREDA)

(Dept. of Energy, Govt. of Chhattisgarh)

Near Energy Education Park, Village Fundhar

VIP (Air Port Road) Raipur 492015 (C.G.) Ph.: +91-7000251010

E-mail: credatendercell@gmail.com, Website: creda.co.in

BID DOCUMENT No. 194100/CREDA/Solar Off-grid inverter/2026-27 DT. 25-06-2026

“RATE CONTRACT TENDER FOR STANDARDIZATION OF RATES FOR SUPPLY OF SOLAR OFF-GRID INVERTER OF VARIOUS CAPACITY WITH 05 YEARS ONSITE WARRANTY CONFORMING TO THE IEC/BIS AND MNRE STANDARDS ANYWHERE IN THE STATE OF CHHATTISGARH”

Particulars	From Date & Time	To Date & Time	Place
Date of issue of notice inviting bid	25.06.2026 05:00 pm	----	-----
Period of availability of bidding document at website	25.06.2026 05:00 pm	15.07.2026 05:00 pm	www.creda.co.in ; https://eproc.cgstate.gov.in
Submission of Pre- Bid queries	25.06.2026 05:00 pm	01.07.2026 12:00 PM	Pre Bid queries can be emailed on credatendercell@gmail.com or To be submitted hard copy at CREDA HO, Raipur
Pre-bid meeting	01.07.2026 03:00 pm	01.07.2026 05:00 pm	To be held at Conference Hall CREDA HO, Raipur
Inspection of Samples by Bid Committee as per Valid Test Report and Submission of Summary of Test Report and M.A.F.	06.07.2026 03:00 pm	06.07.2026 05:00 pm	At CREDA Conference Hall, HO Raipur
Submission of Online Bid (Technical + e Price Bid)	25.06.2026 05:00 pm	15.07.2026 05:00 pm	https://eproc.cgstate.gov.in
Opening of Technical Bid	17.07.2026 12:00 pm onwards		At CREDA Conference Hall. CREDA HO, Raipur. https://eproc.cgstate.gov.in
Evaluation of Technical bid	20.07.2026 12:00 pm onwards		At CREDA Conference Hall. CREDA HO, Raipur
Opening of e- Price Bid	22.07.2026 03:00 pm onwards		At CREDA Conference Hall. CREDA HO, Raipur

Bid Document Cost –Rs.10000.00 + 18% GST = Rs.11800.00/-(In words Rupees Five Thousand Nine Hundred Rupees Only) to be deposited in CREDA’s account along with EMD via RTGS/NEFT as a single transaction.

Document can be downloaded from our website www.creda.co.in or from Chhattisgarh e-Procurement portal i.e. <https://eproc.cgstate.gov.in>.

CHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY
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NOTICE INVITING TENDER

CREDA invites online Tender from the manufactures or their authorised representative/dealer/distributor for **“standardization of rates for supply of solar off-grid inverter of various capacity with 05 years onsite warranty conforming to the IEC/BIS and MNRE standards anywhere in the state of Chhattisgarh”** from registered vendors of CREDA (As per clause 11, page 10, section-01) having 3 years track record in the field of solar off-grid inverter manufacturing, as per following details -

Sl.No.	Item Description	Approximate value of purchase	Cost of Bid Document fees and EMD	Essentials
1	Supply of Solar Off- grid inverter of capacity ranging from 0.5 KVA –100 KVA Single/Three Phase with 05 years onsite warranty conforming to MNRE/BIS/IEC specification	Rs. 3.00 Crores	Rs 10,000 (+18% GST) +Rs.3,00,000 = Rs. 3,11,800 /-	As per clause no. 1A to 1H of Eligibility Criteria (Page no. 8-9)
TOTAL		Rs. 3.00 Crore	Rs. 3,11,800 /-	----

The quantity of solar off-grid inverter to be purchased is not fixed. The purchase quantity will depend on the demand received from various field offices of CREDA.

Estimate Value of Tender: 03 Crores.

Important Events and time schedule for this Tender are as follows –

Particulars	From Date & Time	To Date & Time	Place
Date of issue of notice inviting bid	25.06.2026 05:00 pm	----	----
Period of availability of bidding document at website	25.06.2026 05:00 pm	15.07.2026 05:00 pm	www.creda.co.in ; https://eproc.cgstate.gov.in
Submission of Pre- Bid queries	25.06.2026 05:00 pm	01.07.2026 12:00 PM	Pre-Bid queries can be emailed credatendercell@gmail.com or To submitted hard copy at CREDA HO, Raipur
Pre-bid meeting	01.07.2026 03:00 pm	01.07.2026 05:00 pm	To be held at Conference Hall CREDA HO, Raipur
Inspection of Samples by Bid Committee as per Valid Test Report and Submission of Summary of Test Report and M.A.F.	06.07.2026 03:00 pm	06.07.2026 05:00 pm	At CREDA Conference Hall, CREDA HO, Raipur
Submission of Online Bid (Technical + e Price Bid)	25-06-2026 05:00 pm	15-07-2026 05:00 pm	https://eproc.cgstate.gov.in
Opening of Technical Bid	17.07.2026 12:00 pm onwards		At CREDA Conference Hall. CREDA HO, Raipur. https://eproc.cgstate.gov.in
Evaluation of Technical bid	20.07.2026 12:00 pm onwards		At CREDA Conference Hall, CREDA HO, Raipur
Opening of e- Price Bid	22.07.2026 03:00 pm onwards		At CREDA Conference Hall, CREDA HO, Raipur

Technical Bid and Price Bid shall be submitted online only at <https://www.eproc.cgstate.gov.in>. However Technical Bid (as per the checklist) also has to be submitted in hard copy duly signed by bidder at H.O. Tender Cell, CREDA. If there is any discrepancy in the e-Bid and hard copy, only the e-bid shall be valid. **In no case the hard copy of documents shall be evaluated, it is only for record keeping of CREDA.** Bidders are advised to follow the instructions provided for registration and e-Submission process accordingly.

(For any query about e-bidding please visit user manual at <https://www.eproc.cgstate.gov.in>) Details of this tender are mentioned at Tender Documents which can be downloaded from our website www.creda.co.in.

The Bidder shall have to deposit tender document cost along with EMD as mentioned above through demand draft/RTGS/NEFT payable to CREDA Raipur while submitting tender.

Bidders are requested to submit their suggestions/objections/reservations, if any with details so as to avoid any confusion and to ensure clarity and transparency regarding the tender in writing or by e-mail.

Any Addendum/Corrigendum/Amendment Notice, if needed, shall be uploaded on CREDA's Website.

CREDA reserves all rights to accept/reject any or all tenders in full/part without assigning any reasons thereof.

**Chief Engineer
H.O. CREDA, Raipur (CG)**

CHECK LIST OF DOCUMENTS TO BE UPLOADED IN THE E-BIDDING PORTAL

To ensure that your Bid uploaded on the Chhattisgarh e-Procurement portal i.e. <https://eproc.cgstate.gov.in> is complete in all respects, please go through the following checklist & tick mark for the enclosures attached with your Bid –

Sl. No.	Envelope	Description of documents to be uploaded in the e-bidding portal	Complied (For Office Use only)
1	A. Pre-Qualification	EMD + Tender Document Fee submission form of the bidder confirmed by CREDA (as on page – 6)	
2		Scanned Copy of Undertaking of the Bidder as mentioned on Page – 7 of the tender document on the letter head of bidder.	
3		Scanned copy of original tender document duly signed & with stamp on each page, as a confirmation of acceptance of the Terms & Conditions (T&C).	
4		PAN, GSTIN issued in the name of the bidder	
5		Self-certificate from Bidder for not been debarred/ blacklisted from any Government organisation.	
6		Declaration of conflict of interest - by bidder about any relatives working/not working with CREDA along with notarized Affidavit as per Annexure - III	
7		Copy of Registration: Certificate as vendors (Manufacturer or Dealer/Distributor of inverter manufacturer) of CREDA for supply of inverter in CREDA if registered otherwise clause (9) page no 11 shall be applicable for registration.	
8	B. Technical and Financial Qualification	Valid original Test Reports of Inverter or Consent from the owner of test reports and MAF on behalf of owner. (wherever applicable)	
9		Attested copy of Original Net Worth Certificate duly signed by Chartered Accountant as on 31st March 2025/2026.	
10		Attested copy of Original Turn Over certificate in last three financial years i.e. 2022-23, 2023-24, 2024-25 & 2025-26 works done in the field of Inverter	
11		Copy of ITRs for in last 03 financial years i.e. 2022-23, 2023-24, 2024-25 & 2025-26 of the Bidder.	
12		Completion and Performance Certificates of Solar Off-grid Inverter by the Bidder in Govt. Scheme of any state or Market Mode Scheme of CREDA in any three out of last 05 years 2021-22, 2022-23, 2023-24 2024-25 & 2025-26.	
13		Proof of being Eligible Manufacturer of Solar Off-grid Inverter in the name of manufacturer.	
14		Manufacture Authorization certificates of Solar Off-grid Inverter (mandatory in case of authorised dealer/distributor)	
15		Undertaking on indigenusness of components	
16		Undertaking for the remaining test reports (for which acknowledgements have been submitted) submission within 90 days from the date of agreement if applicable.	
17		Schedule – I Part-A	
18		Schedule – II Part-B	
19		Schedule – III Part-C	
20		Technical Data Sheet for each category of inverter/PCU showing full technical details	
21		Details of Service centres in Chhattisgarh	

Details of EMD and Tender Document Fee

A scanned copy of the EMD and Bid Document fee transaction shall have to be uploaded in the format below on the Chhattisgarh e-Procurement portal. Details uploaded in incorrect format shall be rejected.

Tender No. and Date	
Name of the Bidder	
Bidder's Bank Account Details	
(i) Name of the bank	
(ii) Branch	
(iii) IFSC Code	
(iv) Account No.	
(v) Transaction reference number	
(vi) Date of transaction	
(vii) EMD + Bid Document Fee	Rs. 3,11,800/- (Rs. 3,00,000 + Rs. 11,800)

Name of A/c	CREDA
Bank & Branch Name	ICICI Bank, Panchpedi Naka, Raipur
Bank Account Number	134601000400
Branch IFSC Code	ICIC0001346

(Sign & Seal of the bidder)

***NOTE –**

1. The EMD and the Tender Document Fee shall have to be deposited as a single NEFT/RTGS transaction in CREDA's bank account (amount mentioned above).
2. Bidder's those who have valid MSME Competency Certificate are exempted from submitting the EMD amount mentioned above. They have to only pay the bid document fees

UNDERTAKING OF THE BIDDER

I/We have read carefully and examined the notice inviting Bid, schedule, General Rules and terms and conditions of the contract, special conditions, Schedule of Rates and other documents and Rules referred to in the Bid document for the supply.

I/We hereby Bid my rates for the execution of the work for CREDA as specified within the time stipulated in the schedule in accordance with all aspects with the specifications, designs, drawings and instructions with such conditions so far as applicable.

I/We agree to keep the Bid valid for **One Hundred Eighty (180) days** from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of **Rs 3,00,000 (Three Lakhs)** is hereby forwarded as **Earnest Money** in the form of RTGS / NEFT payable to CREDA at Raipur (C.G.). If I/We fail to commence or complete the Work Ordered in specified time or fail to fulfil the any condition of Bid document, I/We agree that the CREDA shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money absolutely. The said Earnest Money shall be retained by CREDA towards security deposit to execute all the works referred to in the Bid documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be required by CREDA.

I/We hereby declare that I/We shall treat the Bid documents, specifications and other records connected with the work as secret/confidential and shall not communicate information derived there from to any person other than a person to whom I/We have authorized to communicate the same or use the information in any manner prejudicial to the safety of CREDA/Government.

I/We shall abide to all the laws and shall be responsible for making payments of all the taxes, duties, levies and other Govt. dues etc. to the appropriate Govt. departments.

Our GST Registration No. _____ . The PAN No. under the Income Tax Act is _____.

I/We shall be responsible for the payment of the respective taxes to the appropriate authorities and should I/we fail to do so, I/we hereby authorize CREDA to recover the taxes due from us and deposit the same with the appropriate authorities on their demand.

I/We hereby state that we have provided information of our near relatives as stated in the affidavit attached at “Annexure – III”

Dated:

Signature

Place:

Name of Bidder with seal.....

Witness:

Signature:

Name:

Postal Address:

.....

SECTION - 1 INSTRUCTIONS FOR BIDDERS

1. ELIGIBILITY CRITERIA:

A. TEST REPORTS OF SOLAR OFF-GRID INVERTER

Bidder must have valid test reports of solar Off-grid Inverters for all category as per voltage configuration (12V, 24V, 48V, 96V & 120V) separately in the name of bidder/manufacturer for which Bidder must make offer for supply. They will have to provide copy of such test report of their Inverter/PCUs from any test centre approved by Ministry of New & Renewable Energy (MNRE)/ NABL. **Bidder will be debarred from price bidding for all other categories for which they have not submitted valid test report / acknowledgement.**

Bidder must have either valid Test Report in his name or written consent from owner (hereinafter owner means manufacturer of Solar Off-grid Inverters only) of the test report to use such test certificate/reports. Such owner of the Test Reports must have to provide the Original/Certified valid Test Report to CREDA, on or before the date of sample display, for which they are providing consent or using the same.

Bidders may submit Acknowledgement of submission of samples **fee receipt from MNRE/NABL approved test centres** for offered Inverter/PCUs for testing (**in case they don't have approved test certificates of offered Inverter/PCUs at the time of bid**). Bidders shall be required to submit the approved test certificates before raising claim for payment else payment shall not be made to them.

Bidders shall have to submit the Test certificate against Acknowledgement within 90 days of execution of agreement otherwise EMD may be forfeited and bidder may be blacklisted / debarred by CREDA. However, this time limit may be further extended / reduced by CREDA if required. Bidder has to submit an undertaking in this regard at the time of bid submission.

The bidder also shall have to submit a self-declaration that the Inverter/PCUs for which bidder is quoting offers are conforming to the latest guidelines and specification of MNRE issued for testing and BIS compliance.

B. MINIMUM EXPERIENCE

Bidders must have minimum experience in any three out of last five consecutive financial years i.e. 2020-21, 2021-22, 2022-23, 2023-24 & 2024-25/2025-26 as per the details mentioned below –

SN	Details of Solar Inverter/ PCUs	Category	Mandatory Experience
1	Supply of Off Grid Inverter	Off-grid Inverter	1. Minimum 03 years experience in supply or manufacturing of solar off-grid inverter. 2. Bidder must have supplied Minimum 500 KW/KVA aggregate capacity Solar Off-grid Inverters in any government agency/organisation/n undertakings of any state in India.

Bidders will have to submit satisfactory commissioning/functioning report containing complete details from the concerned state/central agencies /department along with bid document. (Experience in terms of supply done for other private / non-Govt. companies/ firms etc. shall not be considered).

- C. Experience Certificates submitted should be in attached format (as per Annexure-II) **or Other Format containing similar information as in attached format (Annexure-II) shall be considered only in-case of submitted in Hindi / English Language only.** Work order, L.O.I. / L.O.A etc., will not be acceptable.
- D. Bidders must have a Positive Net worth of **Rs. 25 Lacs as on 31st March 2025/2026 (which is defined as “Net value of the Assets minus (-) Net value of liabilities”)**. They shall have to submit a certified copy of certificate duly signed by a qualified and registered Chartered Accountant having UDI number as a proof. Produced certificate must tally with the audited balance sheet.
- E. **Bidders should have an aggregate turnover of minimum Rs. 2 Crores in last three years i.e. 2022-23, 2023-24 & 2024-25/2025-26 in the field of inverter supply & manufacturing.** Certified copies of the annual returns and audited balance sheet submitted to the Registrar of Companies/Income Tax Authorities should be enclosed. For the preceding years a Certified Summary Sheet of turnover certified by registered CA must be enclosed. **In case of FY 2025-26, Bidder is allowed to submit provisional balance sheet, ITR, Turnover and Net-worth Certificate.** CREDA reserves the right to call for these documents once

audited from such bidders anytime during the validity of the bid.

- F.** Bidders who are debarred from business by Govt. /Govt. Agency in any state would not be eligible to participate in this bid. A self-declaration should be submitted by the bidder to this effect, failing which bid shall be rejected.
- G. Additional Eligibility Criteria-** Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:
 - a. Made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements; and/or
 - b. Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion litigation history, or financial failures etc.; and/or
 - c. Participated in the previous bidding for the same work and had quoted unreasonably high or low bid prices and could not furnish rational justification for it to CREDA.
- H.** The bidder must have an authorized service center at Raipur to provide proper repair & maintenance of off-grid inverter supplied under warranty period.

2. CONSORTIUM: Consortium of bidders shall not be allowed in this tender.

3. START-UP/NEW ENTREPRENEUR: Start-up/New Entrepreneur shall not be allowed in this tender.

4. OEM (original equipment manufacturer) and authorised representative/dealer/distributor can participate in the bid.

5. BIDDING PROCESS -

For ease of accessing the e-bidding website and registration the following is to be done by bidder -

- A.** Visit <https://eproc.cgstate.gov.in>
- B. Prospective bidders are requested to download, read and understand the Manuals present on the website so as to clearly understand the bid submission process.**
- C.** The user will be directed to e-bidding page where all information regarding registration is available along with helpline details.
- D.** Technical bid and Price Bid shall be submitted online only at <https://eproc.cgstate.gov.in> latest by **05.00 PM on 15.07.2026**. Bids submitted after scheduled time and date shall not be considered.

6. EMD AND TENDER DOCUMENT FEE-

Earnest Money Deposit of **Rs. Three Lakhs** submitted in the form of Demand Draft/Pay Order or RTGS/NEFT as mentioned in the NIT vide no. 3456/CREDA/Off-grid Inverter/2026-27 Date: 25.06.2026, EMD submitted in any other form e.g. **Cash/Bank Guarantee/FDR /TDR etc. shall not be accepted.**

7. SUBMISSION OF DOCUMENTS -

- a. All the documents including technical and financial Bid should be submitted online on Chhattisgarh e-Procurement portal <https://eproc.cgstate.gov.in> as per the items mentioned in the Checklist on page no. 05 in this bid.
- b. Bidders are advised to finish all the bidding portal related activities such as registration, USB certificate/token approval, and payments etc. well in advance so as to avoid last minute difficulties during the bid submission.
- c. Bidders are also advised to make them fully aware with the bid submission mechanism to avoid last minute hassles and doubts during bid submission. CREDA shall only entertain genuine technical issues/glitches, provided that the bidder submits evidence regarding the same.
- d. Additionally, the bidders shall also have to submit all the documents, in hard copy, as required in this bid as per the checklist on page 05 on 15-07-2026 by 05:00 P.M at Head Office, CREDA. Bidders shall have to submit only the documents as per the checklist in the following envelopes:

Envelope A – Pre Qualification Documents (original DD should be submitted in this envelope)

Envelope B –Financial Qualification Documents.

Envelope C –Technical Qualification Documents.

Note: The envelopes mentioned above is only for hard copy submission and not to be confused with the envelope mentioned in checklist on Page no. 5. The documents submitted in hard copy (offline) to CREDA Head Office must match with those submitted in the Chhattisgarh e-Procurement portal. Any document other than the uploaded document shall not be considered. CREDA's tender committee will only evaluate the documents submitted on Chhattisgarh e-

Procurement portal. In no case the hard copy of documents shall be evaluated, they are only for record keeping by CREDA.

7. SPECIFICATION AMENDMENTS -

The Specifications of Solar Off Grid Inverter should be as per as Specified in the Bid. If any amendments are issued by CREDA in due course of time, in this context, then those shall be applicable under this Bid.

8. GST & PAN -

Bidder shall have to submit copies of GST registration number and PAN numbers issued by the appropriate authority.

9. THE BID -

- a. The Pre-Qualification, Technical-Financial Qualification Documents and Price Bid, other related documents must be uploaded in the portal i.e. <https://eproc.cgstate.gov.in> from 25.06.2026, 05:00 PM onwards till 15.07.2026, up to 05:00 PM.
- b. Nobody is authorized to receive or grant receipt for Bid delivered on behalf of CREDA. Bid received through any other mode shall not be considered and shall be rejected.

10. ANALYSIS OF RATE -

Bidder should quote their rates considering variation of site conditions and all other factors in price of different components and keeping the quantum and quality of work in mind. In the event that any bidder quotes rates that are exceptionally low or exceptionally high and are found to be unreasonable or non-workable in the opinion of CREDA, the Tender Evaluation Committee reserves the right to conduct a market survey and/or rate analysis to assess the feasibility of such rates. The findings of such survey/analysis shall be placed on record, and CREDA may reject such bid if the quoted rates are determined to be unworkable or detrimental to the satisfactory execution of the work.

11. REGISTRATION OF BIDDER –

The bidder must be a registered with CREDA as vendor for supply of solar off-grid inverters at the time of submission of bid if not registered the he shall have to get registered himself prior to the contract agreement with CREDA.

12. VALIDITY -

Full descriptive particulars and complete specifications should accompany the offer. Offers should be kept open for acceptance for at least **180 days** from the date of opening. After finalization of this Bid the approved rates shall be valid till one year from the date of award; however, CREDA shall have liberty to increase or decrease this validity if needed.

After finalization of this tender the approved rates shall be valid for two years from the date of award; however, CREDA shall have liberty to increase or decrease this validity if needed.

13. TERMS & CONDITIONS -

- A. The terms, conditions and specifications mentioned in Bid document shall be binding on the Bidders and no condition or stipulation contrary to the conditions shall be acceptable. It may please be noted that the Bidders who do not accept terms and conditions stipulated in this Bid documents, their offers shall be liable to be rejected out-rightly without assigning any reason whatsoever.
- B. Each page of Bid document & enclosures shall be signed by the Bidder and seal affixed. All the pages of the documents issued must be uploaded along with the price bid. In case of any corrections / alterations in the Bid, the Bidder should attest the same; **otherwise, bids will get rejected.**
- C. Bidders are also instructed to check each and every item and upload the documents as applicable and required to be uploaded on the bidding portal. Incomplete bid submission may result in rejection of the entire bid.

14. CREDA RESERVES THE RIGHT -

- (i) To reject or accept any or all Bids fully or partly without assigning any reason on the grounds considered advantageous to CREDA, whether it is the lowest Bid or not.

- (ii) To split the quantities against the Bid further for the same items/work. No reason will be assigned by CREDA for this and will be binding on the Bidders.
- (iii) To increase or decrease of aggregate quantities up to 100 % as per discretion or circumstances.
- (iv) Due to large quantum of supply & limitation of the time period for completion of the supply CREDA may take consent from other Bidders if they agree to work on rates standardized by CREDA.
- (v) CREDA may undergo agreement with those eligible Bidders who give consent to work on rates standardized by CREDA and may allocate work to them. Rates approved through this Bid may be standardized for all eligible Bids to work **to two years from the date of agreement**. However, CREDA reserves right to curtail or extend this period.
- (vi) CREDA reserves the right to amend or change minor specifications of the entire or any component of the inverter even after the issuance of sanction order as per the site conditions and demand.

15. COMMUNICATIONS -

- A. All the communication between Bidder and CREDA shall be in writing. Notice sent by Fax or other electronic means shall be effective on confirmation of the transmission. Notice sent by registered post or speed post shall be effective of delivery or at expiry of normal delivery period as under taken by Postal Service.
- B. Offers through Telegraph/Fax/Emails/Post/Courier or open offers etc. received shall be summarily rejected.

16. BID DOCUMENT FEE AND EARNEST MONEY-

- a. Each Bidder should submit Bid Document Fee and earnest money in the form of Demand Draft/Pay Order or RTGS/NEFT. Each bidder should submit Tender Document Fee and Earnest Money Deposit (EMD) in the form of RTGS/NEFT as single transaction only as mentioned in the TENDER No. **194100/CREDA/Solar off-grid Inverter/2026-27 Dated 25.06.2026**.
- b. Tender Document Fee and EMD submitted in any other form e.g. Cash/Bank Guarantee/FDR/TDR etc. shall not be accepted.

17. SUBMISSION / DISPLAY OF SAMPLES -

Bidders will have to provide samples of their inverter as per point 23. All items should be submitted for examination on **03:00 PM dated 06.07.2026** at H.O. CREDA, VIP Airport Road, Raipur. These samples shall be examined by Technical Committee of CREDA. The sample will be the property of CREDA and kept at CREDA for quality inspection and assurance.

18. PRE-BID MEETING AND SUBMISSION OF QUERIES -

- A. All suggestions, doubts, confusion, request, queries etc., shall have to be submitted to CREDA in writing before **01.07.2026 till 12:00 PM**. After that any representation in this regard shall not be considered. The pre-bid meeting will be on **01.07.2026 at 03:00 PM** at H.O. CREDA, VIP Airport Road, Raipur. The purpose of pre-bid meeting is to clarify issues regarding this tender that can be raised at that stage.
- B. Amendments/clarifications, if any arising during pre-bid meet, shall be uploaded on www.creda.co.in and on the Chhattisgarh e-Procurement portal. It is advisable for all Bidders to attend this Pre Bid Meeting.

19. TECHNICAL CRITERIA -

Bidder must have valid test reports of solar off-grid inverter, for all category separately in the name of bidder/manufacturer for which Bidder must make offer for supply. They will have to provide copy of such test report of their Off-grid Inverter from any test centre approved by Ministry of New & Renewable Energy (MNRE)/NABL. **Bidders will be debarred from price bidding for all other categories for which they have not submitted valid test report / acknowledgement.**

Bidder must have either valid Test Report in his name or written consent from owner (hereinafter owner means manufacturer of Solar Off-grid Inverters only) of the test report to use such test certificate/reports. Such owner of the Test Reports must have to provide the Original/Certified valid Test Report to CREDA, on or before the date of sample display, for which they are providing consent or using the same

Bidders may submit Acknowledgement of submission of samples **fee receipt from MNRE/NABL approved test centres** for offered Solar Off-grid Inverter for testing (**in case they don't have approved test certificates of offered Off-grid Inverter at the time of bid**). Bidders shall be required to submit the approved test certificates before raising claim for payment else

payment shall not be made to them.

Bidders shall have to submit the Test certificate against Acknowledgement within 90 days of execution of agreement otherwise EMD may be forfeited and bidder may be blacklisted / debarred by CREDA. However, this time limit may be further extended / reduced by CREDA if required. Bidder has to submit an undertaking in this regard at the time of bid submission.

The bidder also shall have to submit a self-declaration that the Solar off-grid Inverter for which bidder is quoting offers are conforming to the latest guidelines and specification of MNRE issued for testing and BIS compliance.

20. FORFEITURE OF EARNEST MONEY DEPOSIT -

It should be clearly understood that in the event of Bidder failing to enter into the agreement in the prescribed format on their quoted rates and also fails to execute assigned works under any Scheme of CREDA, within stipulated time, if he is so communicated within the validity period of the offer, the full amount of earnest money will be forfeited and Bidder shall be debarred/blacklisted for up to 03 years from future business with CREDA. CREDA's decision in this regard will be final and binding on the Bidders.

21. PRICE OF SUPPLY OF INVERTER/PCU -

I. The Price quoted for supply of solar Off-grid inverter with 5 years onsite warranty. The GST shall be paid extra as per prevailing rate. The prices shall be filled exactly as per **e-Price Bid enclosed**.

II. Any change in GST shall be become applicable during the period of contract.

22. ENGINEERING DOCUMENT -

Bidders will have to submit Engineering Documents with technical details, Specifications of components and make etc. to CREDA for approval, as and when asked by CREDA. Supply may only be started out only after approval of the Engineering Document/Drawing and their samples.

23. SAMPLES -

Samples of the Solar Off-grid Inverter shall have to be submitted to the CREDA in prescribed manner on scheduled date.

S no	Details	Capacity of Solar Off-grid Inverter	Nos. of sample
1	Solar Off-grid Inverter	Any Configuration of 48V or 96V	01 Nos

Samples of eligible bidder shall be the property of CREDA. CREDA may use them for testing at any site. The samples of parties who are not found eligible in the tender will be returned back to them after the finalisation of tender and receipt of letter from concerned bidder.

24. INSPECTIONS -

CREDA reserves right to inspect the material at Godowns / Temporary Stores before dispatch and also at works sites.

25. TAX OBLIGATIONS -

CREDA shall deduct TDS for Income Tax etc. under various acts and deposited with the appropriate authority. Costs and taxes before execution of agreement with CREDA so as to ensure tax deposition as per Government Rules accordingly.

26. JURISDICTION OF THE COURT -

Any dispute arising out of the contract shall be subject to the jurisdiction of Hon'ble High Court of Chhattisgarh.

27. CORRUPT OR FRAUDULENT PRACTICES -

1. CREDA requires the bidder to strictly observe the laws against fraud and corruption in force in India, namely, Prevention of Corruption Act, 1988.

2. It is required that each bidder (including their respective officers, employees and sub-contractors) adhere to the highest ethical standards, and report to the Government/ Department all suspected acts of fraud or corruption or coercion or collusion of which it has knowledge or become aware, during the tendering process and throughout the negotiation or award of contract.

SECTION - 2

GENERAL CONDITIONS OF CONTRACT

1. DEFINITIONS -

In writing General Conditions of Contract, the specifications and bill of quantity, the following words shall have the meanings hereby indicated, unless there is something in the subject matter or content inconsistent with the subject.

- CREDA shall mean the Chhattisgarh State Renewable Energy Development Agency represented through the Chief Engineer.
- Work shall mean any work entrusted to the Bidder as mentioned in the scope of work and Work Order.
- The "Engineer in charge" shall mean the Engineer or Engineers authorized by CREDA for the purpose of this contract. Inspecting Authority shall mean any Engineering person or personnel authorized by CREDA to supervise and inspect the Technical Specification of the off-grid inverter.
- "The Eligible SI/Bidder" shall mean the Bidder awarded with the contract or their successors and permitted assigns. Contract Price shall mean the sum named in or calculated in accordance with the provisions of the contract as the contract price. General Conditions shall mean the General conditions of Contract.
- "Specifications" shall mean the specifications annexed to these General Conditions of contract and shall include the schedules and drawings attached thereto or issued to the eligible bidder from time to time, as well as all samples and pattern, if any,
- "Month" shall mean calendar month. "Writing" shall include any manuscript, typewritten, printed or other statement reproduced in any visible form whether under seal or written by hand.

2. PROOF OF MANUFACTURER -

Those bidders who are also manufacturers of an important component of off-grid inverter shall have to submit proof of their factory, SSI Registration and list of Machineries and Equipment.

3. CONTRACT DOCUMENT -

The term "Contract" shall mean and include the General conditions, specifications, schedules, drawings and Work Orders etc., issued against the contract schedule of price or their final general conditions, any special conditions applying to the particular contract specification and drawings and agreement to be entered into. Terms and conditions not herein defined shall have the same meaning as are assigned to them in the Indian contract Act or any other Act in vogue or by any person of common knowledge and prudence.

4. MANNER OF EXECUTION -

Execution of work shall be carried out under Government Mode Scheme of CREDA in an approved manner as outlined in the technical specifications or where not outlined, in accordance with desired Specifications laid down by CREDA, to the reasonable satisfaction of the Engineer.

5. VARIATIONS, ADDITIONS & OMISSIONS -

CREDA shall have the right to alter, amend, omit, split or otherwise vary the quantum of supply, by notice in writing to the Bidder. The eligible Bidder shall carry out such variation in accordance with the rates specified in the contract so far as they may apply and where such rates are not available; those will be mutually agreed between CREDA and the eligible Bidder.

6. INSPECTION -

- A. The Engineer-in-Charge or his authorized representative(s) shall be entitled at all reasonable times to inspect and supervise and test during supply and commissioning. Such inspection will not relieve the eligible bidder from their obligations under this contract.
- B. Material can be inspected before dispatch or in transit by the authorized representatives of CREDA at the factory / Godowns at the cost of the eligible bidder, if desired by CREDA.
- C. CREDA will undertake real time performance and quality test of randomly selected Solar off-grid inverter and its components during the course of execution as per the specifications and guidelines laid by CREDA to ensure quality and performance of off-grid inverter and components.

7. **COMPLETION OF WORK -**

Time being the essence of contract, the supply of the Solar off-grid inverter shall be completed within the time schedule prescribed in the Work Order.

8. **ELIGIBLE BIDDER'S DEFAULT LIABILITY -**

CREDA may by written notice of default to the eligible bidder, terminate the contract in circumstances detailed hereunder -

- (a) If in the opinion of the CREDA, the eligible bidder fails to complete the supply within the time specified in the supply Order or within the period for which extension has been granted by CREDA to the eligible bidder.
- (b) If in the opinion of CREDA, the eligible bidder fails to comply with any of the provisions of this contract.
- (c) In the event of CREDA terminating the contract in whole or in part as provided in paragraph (a) above, CREDA reserves the right to engage another eligible bidder or agency upon such terms and in such a manner as it may deem appropriate and the eligible bidder shall be liable to CREDA for any additional costs or any losses caused to CREDA as may be required for the supply of the Solar Off-grid Inverter and or for penalty as defined under this Bid document until such reasonable time as may be required for the final completion of the work. CREDA may blacklist and debar such a defaulter vendor for up to three years from taking participation in taking part in all activities of CREDA.
- (d) In the event CREDA does not terminate the contract as provided in paragraph (a) the eligible bidder shall continue performance of the contract, in which case he shall be liable to CREDA for penalty for delay as set out in this Bid document until the work is completed.

9. **FORCE MAJEURE -**

The eligible bidder shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE such as of God, acts of public, enemy, acts of government, cyclone, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes provided that if bidder shall submit delay notice with appropriate cause of delay to the CREDA in writing within **15 days** of force majeure. CREDA shall verify the facts and may grant such extension as facts justify. Delay in supply of any accessories of off-grid inverter etc. by the related vendors, to whom the Bidder has placed order, shall also not be treated as force majeure.

10. **REJECTION OF WORKS -**

In the event of any of the material supplied/work done by the eligible bidder is found defective in material or workman ship or otherwise not in conformity with the requirements of this contract specifications, CREDA shall either reject the material and/or work and advise the eligible bidder to rectify the same. **CREDA may impose penalty for such rejection up to the 200% cost of the entire system. Habitual/repeated offenders shall be black listed/debarred to participate in the any Bid/ Activity of CREDA for up to 03 years.** The eligible bidder on receipt of such notices shall rectify or replace the defective material and rectify the work free of cost. If the eligible bidder fails to do so CREDA may -

- a) At its option replace or rectify such defective materials and/or work and recover the extra cost so involved from the eligible bidder plus **15%** service charges of the cost of such rectification, from the eligible bidder and/ or terminate the contract for balance work/ supplies with enforcement of penalty **as stated above.**
- b) Defective materials/workmanship will not be accepted under any conditions and shall be rejected outright without compensation. The eligible bidder shall be liable for any loss/damage sustained by CREDA due to defective work **with enforcement of penalty as stated above.**

11. **EXTENSION OF THE TIME -**

If the completion of supply is delayed due to any reason beyond the control of the eligible bidder, the eligible bidder shall without delay give notice to the CREDA in writing of his claim for an extension of time. CREDA on receipt of such notice may or may not agree to extend the contract/delivery date of the off-grid inverter as may be reasonable but without prejudice to other terms and conditions of the contract.

Chief Executive Officer, CREDA has full right for unconditional time extension.

12. **MAKES OF EQUIPMENTS TO BE USED IN THE WORK -**

- (I) The Solar off-grid inverter, Charge Controller & Other BOS shall be made in India.
- (II) The eligible bidder has to ensure that equipment's as per Technical Requirements of guidelines of CREDA as complied with. The solar off-grid inverter for which CREDA/MNRE or BSI or ISI specification is not available, engineer-in-charge of the works will examine and approve the material/works, preferably of all makes on which CREDA has report of satisfactory performance. Test certificates for off-grid inverter should be submitted to the engineer-in-charge of the works before supply of the same.
- (iii) Eligible bidder should submit on-site warrantee Agreement of **at least 5 years** for off-grid inverter with manufacturer or distributors certified by the manufacturer before supply of off-grid inverter.

13. **WARRANTEE PERIOD AND POST SUPPLY SERVICES -**

- A. The solar off-grid inverter supplied by the eligible bidder should be warranted for satisfactory operation and against any defect in material and workmanship including Solar off-grid inverter, charge controllers and other balance of equipment's, at least for a period of **5 (five) years**, from the date of supply of the inverters.
- B. The Bidder/OEM shall provide Onsite Warranty for the supplied equipment/material for a period of Five (05) years from the date of successful commissioning and acceptance by the CREDA. During the warranty period, the Bidder/OEM shall, at its own cost and risk, repair, rectify or replace any defective equipment, component or part at the installation site without any additional financial implication to the CREDA, in accordance with the standard warranty terms and conditions. The decision of the Technical Committee of CREDA in respect of warranty claims, defects, repair/replacement requirements and interpretation of warranty provisions shall be final and binding on all bidders. Failure to comply with the warranty obligations and directions of CREDA may attract penal action, including forfeiture of EMD and blacklisting/debarment of the bidder, as per the applicable provisions of the tender document.
- C. The above warrantee certificates shall be furnished to the CREDA for approval. Any defect noticed during this period should be rectified by the supplier free of cost upon written notice from CREDA provided such defects may be due to bad workmanship or bad materials used.
- D. The warrantee period shall be extended by the period during which the solar off-grid inverter remains non-operative due to reasons within control of the eligible bidders
- E. Care should necessarily be taken to make the Solar off-grid inverter operational, once the reporting of the fault/non-operational status is done, within **03 or 07 days for minor and major faults respectively**. If the off-grid inverter is not made operational within **03 or 07 days for minor and major faults respectively**, CREDA may rectify the same at the cost of bidder and the warrantee period shall be extended for a month for the same.
- F. Eligible Bidder shall have to establish their service stations in headquarter and shall have to keep sufficient quantity of spares and man power to ensure proper service network for taking care of smooth functioning of off-grid inverter supplied by them.

14. **TERMS OF PAYMENT -**

- The following terms of payment shall apply for the Bid -
- A. **90%** of the eligible payment (Without GST) as per the supply Order after satisfactory supply, of the solar inverter at site with proper handing over.
 - B. Balance **10%** of the eligible payment (Without GST) shall be retained by CREDA as Performance Security for a period of **60 months from the date of supply or commissioning of inverters whichever is earlier**.

15. **PENALTY FOR DELAY IN COMPLETION OF CONTRACT -**

- a. If the eligible SI fails to complete the assigned work within the schedule time specified in the Work Order or any extension granted there to, CREDA will recover from the SI as penalty of up to half percent (0.5%) per week of the system price excluding GST for every delayed system. For this purpose, the date of taking over shall be reckoned as the date of completion. The total penalty shall not exceed 5% (five percent) of the cost. The eligible SI shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE.

- b. Review of the progress of supply of solar off-grid inverter bank allocated to bidders shall be done time to time by CREDA and if the progress of supply of solar off-grid inverter is found unsatisfactory, the allocation of entire remaining supply or their part of can be re-allocated to other bidders as per discretion of CREDA.
- c. In case of not completion of supply by eligible bidder after maximum penalty period i.e. 05 months from last date of completion. The work shall be allocated to other eligible bidder as describe in above point 15 b.

In this case the escalated cost of the system shall be recovered from S.D. and/or EMD in all project of SI failing compliance of allocated work within stipulated and extended time for completion of work.

16. SECURITY DEPOSIT (SD) -

- a. The Earnest Money Deposit (EMD) submitted by the successful Bidder shall be retained by CREDA till the validity of the tender.
- b. 10% of the total cost (mentioned above) shall be retained as SD during the five years of warrantee period. No interest shall be payable on the SD.
- c. Period for which SD is to be retained may be extended in case the warrantee period is extended due to non-performance of the system.
- d. All costs of damages and delays for which the eligible bidder is liable to the CREDA will be deducted from any money due to the eligible bidder including the security deposit of any project under CREDA.

17. INSURANCE -

- A. The eligible bidder shall arrange insurance coverage for the materials at his custody for the work under execution and successful commissioning and subsequent handover to the beneficiary. The eligible bidder shall take up insurance or such other measures for the manpower so as to cover the claim for damage / accident under workmen's compensation Act and other applicable State/Central laws. CREDA shall not bear any responsibility on this account.
- B. Eligible bidder shall arrange for insurance coverage for complete material supplied during supply period.

18. PENALTY DUE FROM THE ELIGIBLE BIDDER -

All costs of damages and delays for which the eligible bidder is liable to the CREDA will be deducted from any money due to the eligible bidder including the security deposit of any project under CREDA.

19. ELIGIBLE BIDDER'S RESPONSIBILITY -

Notwithstanding anything mentioned in the specifications of subsequent approval or acceptance of the Solar off-grid inverter by CREDA, if any, the ultimate responsibility for satisfactory performance of the entrusted work shall rest with the eligible bidders. If in any case the eligible bidder does not complete the Supply as per the supply Orders issued to them then CREDA may take over the task & complete the project at the risk and cost of eligible bidder.

20. RESPONSIBILITY TO RECTIFY THE LOSS AND DAMAGE -

If any loss or damage occurs to the work or any part thereof or materials/plant/equipment's for incorporation therein the period for which the eligible bidder is responsible for the cause thereof or from any cause whatsoever, the eligible bidder shall at his own cost rectify/replace such loss or damage, so that the permanent work confirms in every respect with the provision of the contract to the satisfaction of the Engineer. The eligible bidder shall also be liable for any loss or damage to the work/equipment's occasioned by him in course of any operation carried out to him during performing the contract.

21. RESPONSIBILITY TOWARDS THE WORKMAN OR OUT SIDERS –

- A. The eligible bidder shall ensure all safety measures during execution and repairs of the work. CREDA, will, in no case be responsible for any accident fatal or non-fatal, caused to any workman or outsider in course of transport or execution or repairs of work.
- B. All the expenditure including treatment or compensation will be entirely borne by the eligible bidders. The eligible bidder shall also be responsible for any claims of the workers including, labour payments PF, Accidental Insurance, Gratuity, ESI & other legal obligations.
- C. CREDA shall have all rights to deduct such claims of payments from bidder in case of complaints of such violations.

22. NON-ASSIGNMENTS -

The eligible bidder shall not assign or transfer the supply orders issued as per this contract or any part thereof without the prior approval of CREDA.

23. CERTIFICATES NOT TO AFFECT RIGHTS OF CREDA -

The issuance of any certificate by CREDA or any extension of time granted by CREDA shall not prejudice the rights of CREDA in terms of the contract nor shall they relieve the eligible bidder of his obligations for due performance of the contract.

24. SETTLEMENT OF DISPUTES THROUGH ARBITRATION -

A. Except as otherwise specifically provided in the contract, all disputes concerning questions of fact arising under the contract shall be decided by the Chief Executive Officer (CEO), CREDA provided a written appeal by the eligible bidder is made to CREDA. The decision of the CEO, CREDA shall be final and binding to the all concerns.

B. Any dispute or difference including those considered as such by only of the parties arising out of or in connection with the contract shall be to the extent possible be settled amicably between the parties. If amicable settlement cannot be reached then all disputed issues shall be settled by arbitration.

25. LAWS GOVERNING CONTRACT -

The contract shall be constituted according to and subject to the Laws of India and jurisdiction of the High Court of Bilaspur, Chhattisgarh.

26. LANGUAGE AND MEASURES -

All documents pertaining to the Contract including specifications, schedules, notice correspondences, operating and maintenance instructions, drawings or any other writings shall be written in English / Hindi language. The metric system of measurement shall be used in this contract.

27. CORRESPONDENCE -

A. Any notice to the eligible bidder under the terms of the contract shall be served by registered mail to the registered office of the eligible bidder or by hand to the authorized local representative of the eligible bidder and copy by post to the eligible bidder's principal place of business.

B. Any notice to CREDA shall be served to the Chief Engineer, CREDA Raipur in the same manner.

28. SECRECY -

The eligible bidder shall treat the details of the specifications and other documents as private and confidential and they shall not be reproduced without written authorization from CREDA.

29. AGREEMENT -

The successful eligible bidder shall have to enter into an agreement with the CREDA in the approved contract agreement form within **10 days** of the receipt of call from CREDA.

30. DECLARATION OF CONFLICT OF INTEREST –

A. Any regular employee working or worked on basis of contract or through placement agency cannot work directly or indirectly in any scheme of CREDA. If such a person is found working with any SI then, such SI shall be blacklisted for three years.

B. The bidder shall not be permitted to Bid for this Tender, if any relative of bidder is employee of CREDA working as regular employee or work on the basis of contract or through placement agency.

Note- By the term near relatives are meant Wife, Husband, Parents and son, Brother, Sister, Brother-in-law, Father-in-law, and Mother-in-law etc.

C. Bidder must produce an affidavit (Annexure-III) stating the names of retired/removed employee of CREDA (if any) in his employment who retired /removed within last two years, if in case there is no such person in his employment, his affidavit should clearly state this fact. This affidavit is mandatory, if it is not produced along with the bid, the bid shall be rejected.

31. BID EVALUATION CRITERIA -

A. Offers of only those parties, who are found qualified based on Eligibility Criteria and Techno-

commercial Bid, will be taken into further consideration and financial bid of only those parties who are qualifying the criteria of Techno-commercial Bid will be opened.

- B.** Other things being equal, the lowest rates shall normally be preferred, but CREDA shall have rights and liberty to amend/lower the rates.
- C. Conditional Bids shall not be accepted.**
- D.** However, CREDA shall have rights and liberty to call any /other parties to work on approved rates as and when required in accordance with quantum of work and scheduled time limits for completion of targets.

32. EVALUTION OF PRICE BID -

Price bid shall be evaluated on the basis of Quoted rates. Lowest rates of each category of Solar off-grid Inverter shall be considered however CREDA shall have discretionary power to amend/lower the rates.

33. ALLOCATION OF TARGETS AND AREA OF WORK -

The supply shall preferably be allotted to the bidder on L-1 rates subjected to rate reasonability however the CREDA has sole discretionary power to award work to any other eligible bidder, based on their performance, on L-1 rates.

34. BID REJECTION -

If financial bid of a bidder has been opened on the basis of technical bid of a bidder which has been determined to be substantially responsive to the bidding document and in latter stage it is found that bidder does not meet the eligibility criteria or the technical bid is found substantially non-responsive, CREDA reserves rights to reject such bid of a bidder any time.

We (on behalf of Eligible Bidder) have read all the above stated details & accept to comply with it in total

(Name, Signature & Seal of the Bidder)

SECTION-3 SCOPE OF WORK AND TECHNICAL SPECIFICATION OF SOLAR OFF-GRID INVERTER

Supply of Solar off grid inverter for Solar Application for solar power plant anywhere in the State of Chhattisgarh as per these tender norms.

1. SPECIFICATION OF SOLAR OFF-GRID INVERTER

GENERAL FEATURES:

The Off-grid inverter for Solar application should be capable of running both stand alone as well as hybrid (online mode) mode in an unattended SPV Power Plant unit. solar Off-grid inverter should be of very high quality having high efficiency and microprocessor-controlled type. It shall be capable of monitoring its own parameters. The inverter should be completely compatible with the charge controller and distribution panel and may be of integral design. If CREDA finds the rates as per the demand of the project, then the rates may be standardized capacity wise, if required. The inverters should have following features:

- For DC to AC energy conversion, reliable and efficient solid-state inverters shall be used.
- The inverter shall be designed for continuous, reliable and prime power supply as specified.
- 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 90% 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.
- 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 30 sec. The supplier should specify the overload capacity in the bid.
- The output power factor of the inverter should be of suitable range to supply or sink reactive power.
- The PCU shall have strong short circuit protection. The PCU shall have automatic restart facility after overload-triggered shutdown.
- The output voltage of the inverter should be sinusoidal with harmonic distortion less than 3% THD.
- The dimension, weight, foundation details etc. of the inverter shall be clearly indicated in the detailed technical specification and the same should be submitted along with the bid.
- Inverter should have digital LCD display mounted on it for displaying:-
 - Charging current
 - Charging voltage
 - Output current
 - Voltage of battery bank
 - Output voltage
 - Voltage of SPV Panels
 - Grid Voltage (for online mode)
 - Inverter loading in watt
 - Frequency of output power
- There should be a compulsory protection from lightening & short circuit installed in the circuit.

PROTECTION & SAFETY:

Specifically, the inverter should be a single phase static solid state type Power Conditioning Unit both AC & DC lines shall have suitable fuses and contractors to allow safe start up and shut down of the system. Fuses used in the DC circuit should be DC rated. Inverter should have overload, surge current protection, High Temperature, over/ under voltage and over/ under frequency.

The inverter shall have provision for input & output isolation (automatic & manual). One set of important and necessary spare parts, control cards recommended by the manufacturer are to be supplied with the inverters for any immediate requirement (Optional). Each solid-state electronic device shall have to be protected to ensure long life of the inverter as well as smooth functioning of the inverter. Protection from Lightening has to be provided. Protection from reverse current due to any faults should be provided. Replacement of all types of cards installed in the PCU must be very easy & trouble free.

PCU Specification 0.5 KVA to 10KVA
Salient features of the Inverters shall be as follows:

Nominal Capacity	(1) 0.5 KVA (12V), 1KVA (24V & 48 V), 2/ 3 KVA (48 V) Single Phase PCU LCD/LED Display. (2) 4/5/6/8 (96 V) Single Phase PCU LCD Display (3) 8/10 KVA (120V) PCU Single Phase with Single LCD Display
Type of Charger	1 KVA to 3 KVA (charger MPPT, IGBT/MOSFET based & 4KVA to 10 KVA with charger based on IGBT Only)
input Voltage	12/24/48/96/120 VDC Nominal, The voltage variation shall be as per change in array output.
Output Voltage	230 V +/- 5% for single phase.
Regulation	From minimum to maximum voltage 1-2 %
Output	1-Phase, 0.9 PF
No load Power consumption	<2% of total output rating
DC reverse polarity protection	Should be provided in the inverter.
Output Frequency	50 Hz+ 0.5 Hz Pure sine wave.
Overload Capacity	200% for 30 Second
Efficiency	> 90% of PCU at full load 0.9 PF
Short Circuit Protection	Circuit Breaker and Electronics protection against sustained fault. Protection against the lightning fault.
Low Battery Voltage	Automatic Shut Down
Total Harmonic Distortion	Less than 3%
Over Voltage	Automatic Shut Down
AC over Current/Load	Automatic Shut Down
Protection	Over Voltage both at input & output. Over Current both at input & output. Over Frequency. Surge voltage induced at output due to external source.
Instrumentation & Indication	Input & Output voltage, Frequency, Power output, efficiency of the inverter & charge controller, different status of inverter, kind of fault by LED & audio signal(Buzzer).

Remark:- The capacity of 8 KVA & 10 KVA/120 Volt Single phase PCU should have following features.

- Continuous battery life and state of health monitoring.
- It should have Integrated data and fault logging
- It should have Communication with external SCADA/network/PC
- It should All parameters are software configurable
- It should have facilities like Remote diagnostics, monitoring and reporting via Internet and GSM.
- The PCU should be equipped with a data logger for collecting & recording the hourly data of grid status particular voltage & frequency.
- PCU should have provision for PCU by-pass arrangement so as to cater load directly through grid, in case of PCU failure.
- There should be emergency stop switch on the front panel of PCU.

Power Conditioning Unit (PCU) for Solar Application: 10KVA to 100KVA Three Phase
Main Features of the PCU:

PCU should be a combined unit comprising of inverter, charge controller, visual display and necessary protections.

- It should be Industrial grade bi-directional Inverter
- It should have Integrated P V Charger Controller.
- It should be rated for continuous operation at full load.

- It should have Programmable battery management parameters.
- It should have Temperature compensated battery charging.
- It should have solar priority grid charging.
- It should Automatic re-start after over load triggered shutdown.
- It should have Continuous battery life and state of health monitoring.
- It should have Integrated data and fault logging
- It should have Communication with external SCADA/network/PC
- It should All parameters are software configurable
- It should have facilities like Remote diagnostics, monitoring and reporting via Internet and GSM.
- The PCU should be equipped with a data logger for collecting & recording the hourly data of grid status particular voltage & frequency.
- PCU should have provision for PCU by-pass arrangement so as to cater load directly through grid, in case of PCU failure.
- There should be emergency stop switch on the front panel of PCU.

SPECIFICATION:

Switching elements	IGBT/MOSFET
Type of Charger	MPPT- P1 specify the range of Voltage with each capacity of system
Nominal Inverter Capacity	10KVA to 100 KVA
Nominal Array Capacity	10KVA to 100 KVA
MPPT Range	AS APPLICABLE
Battery nominal Volt	120V to 240V
Inverter Surge Rating @ 40 deg C	105 % > 60 sec
	150 % > 30 sec
	200 % > 5 sec
Inverter Output Voltage	415V+/- 2% for three phase
Inverter Output Frequency	50 +/- 0.5% Hz Pure sine wave.
Grid Voltage	415V+/- 2% for three phase
Grid Frequency	50 Hz (Range 48 to 51 Hz)
Overload Capacity	200% for 30 Second
Efficiency	> 90% of PCU at full load 0.9 PF
Inverter THD	<3%
DC Ripple	<3%
Dielectric strength	1.1 KV between input/output and ground with EMI protections removed.
Inverter Efficiency @ 40 deg C, nominal load	>90%
Operating Ambient Temp.	0 to 50 deg C
Humidity	95% max. Non condensing
Enclosure	Free standing, IP 21 , Epoxy powder coated
Cooling	Temperature controlled fan forced
Protections	<ol style="list-style-type: none"> 1. Short Circuit 2. Overload 3. Over Temperature 4. Over Voltage 5. Lightning 6. Phase imbalance (in case of three phase output) 7. Reverse polarity 8. DC input Reverse Polarity 9. DC input Under voltage & over voltage

11. Factory Test

The eligible bidder shall develop and submit a comprehensive factory acceptance test (FAT) plan to CREDA for its review and approval if asked. FAT shall be carried out at a subsystem or module level and shall consist of all the components of inverters/PCU to the extent possible. FAT shall be demonstrated to CREDA's representative for compliance of specification, inclusive but not limited to following:

1. Visual inspection of equipment including dimensions and overall design
2. Verifications of sensors, metering and alarms
3. Verification of all control functions including remote control, monitoring and Communication interfaces
4. Verification of inverter performance at full/ partial Energy/ Power ratings
5. Verification of maintenance and replacement features for units and other components

During the FAT, Inverter shall be operated as specified & designed in all the operating states, use cases and duty cycles. It shall meet power/ energy requirements and shall be demonstrated to meet the safety requirements. Operation of all control, protective relaying and instrumentation circuits shall be demonstrated by direct tests, if feasible, or by simulating operating states for all parameters that cannot be directly tested. Automatic, local and remote operation of the controls shall be demonstrated.

Inverter shall be verified for operation at temperature extremes defined in specification. For this, if it is not possible for the full set, then independent laboratory certification of operation of critical components and subsystems shall be submitted at the time of FAT.

During FAT, if something mal-operates then FAT shall be suspended and resumed after rectification of the problem. It is the sole discretion of CREDA whether to conduct FAT test or not.

12. Transportation and Storage at Site

The bidder shall be responsible to survey, select and verify the route, mode of transportation and make all necessary arrangement with the appropriate authorities for the transportation of the inverter. The dimension of the inverter shall be such that when packed for transportation, it will comply with the requirements of loading and clearance restrictions for the selected route. It shall be the responsibility of the eligible bidder to coordinate the arrangement for transportation of the inverter/ for all the stages from the manufacturer's work to site. The Eligible bidder shall dispatch the inverter in such way to avoid any accident either due to road conditions, environmental conditions and any other conditions which may be arise during transportation.

Eligible bidder shall follow all the rules, regulations and guidelines applicable for transportation of inverters in India as well as in country of origin.

13. Mandatory Spares

Bidder shall provide a list of mandatory spares for the offered system. It shall not be binding on CREDA to procure all of these mandatory spares. No mandatory spares shall be used during the commissioning of the equipment or warranty period. Any spares required for commissioning / warranty shall be arranged by the eligible bidder. The unutilized spares if any brought for such purposes shall be taken back by the eligible bidder after the specified warranty period.

14. Training

Eligible Bidder shall provide training in Chhattisgarh state to manpower identified by CREDA. Training shall cover all aspects of solar power plant and inverter, specific inverter details and its operation needed for proper operation & maintenance of the system. The eligible bidder shall be responsible for determination of content & duration of for training sessions. All training materials shall be submitted to CREDA for approval. Training course requirements are described below in terms of the contents of each course. Training shall cover orientation, operation and maintenance.

- Orientation Course
- Operation & Maintenance Course
- Application Software Course
- Operator Training Course

15. Test Standards for Solar Inverter of all category

Sl. No.	Product	Indian Standard Number	Title of India Standard
1	Power Inverter for use in Photovoltaic Power System	IS 16221:2015 (Part-2)/IEC 62109-2:2011	Safety of Power Converters for use in Photovoltaic Power Systems Part-2 – Particular Requirements for Inverter/PCUs
		IS/IEC 61683:1999	Photovoltaic systems-Power conditioners procedure for measuring efficiency

The inverter must comply with the standards specified in Gazetted of India (Extraordinary) no 488 published on 27 January 2025 through MNRE.

Section-04
1.e-Price Bid

1. e-Price Bid (For supply of Solar Off-grid)

Schedule of Rates for Off-grid inverters

(E-bidding as per Specifications & Scope of Work of Tender No. 194100/CREDA/SOLAR OFF-GRID INVERTER/2026-27
Dated: 26.06.2026)

Rates for supply of Solar Off-grid Inverter of various capacity with 05 years onsite warranty conforming to the IEC/BIS and MNRE standards anywhere in the state of Chhattisgarh are: -

S.No.	Item Description	Unit	Rate of system (Excluding GST, In Rs.)
Single Phase Solar Off Grid Inverter			
1	0.5 KVA/12V	Nos	
2	0.5 KVA/24V	Nos	
3	1KVA/24V	Nos	
4	1 KVA / 48V	Nos	
5	2 KVA /48V	Nos	
6	3 KVA / 48V	Nos	
7	4 KVA/ 96V	Nos	
8	5 KVA / 96V	Nos	
9	6 KVA / 96V	Nos	
10	8 KVA/ 96V	Nos	
11	8 KVA / 120V	Nos	
12	10 KVA/ 120V	Nos	
Three Phase Solar Off Grid Inverter			
13	10 KVA/ 120V	Nos	
14	10 KVA / 240V	Nos	
15	15KVA / 240V	Nos	
16	20 KVA / 240V	Nos	
17	25 KVA / 240V	Nos	
18	30 KVA/ 240V	Nos	
19	40 KVA / 240V	Nos	
20	50 KVA / 240V	Nos	
21	60 KVA / 240V	Nos	
22	80 KVA / 240V	Nos	
23	100 KVA/ 240V	Nos	

Certified that rates quoted above are as per the requirement, specifications, and terms & condition mentioned in the tender document. Above rates are FOR anywhere in the State of Chhattisgarh inclusive of roadworthy packing, loading, unloading, all types of incidental expenses, insurance, duties and any other job required to properly execute the work. The GST payable on the bill produced for payment to CREDA shall be paid in addition to above quoted price as per rate of GST applicable at the time of billing.

The bidder must have to attach technical data sheet for each category of inverter/PCU showing full technical details of Inverter/PCU failing which the quoted rate shall not be consider by CREDA. The technical data sheet should be uploaded on <https://eproc.cgstate.gov.in> along with tender documents.

The bidders, on the online bidding portal, will have the option to select Y under ‘Regret’ column against each item. Bidders must select Y for the items against which they do not want to quote the rates and fill “0” if asked. There is no option to leave the rate field blank and hence the bidders must quote the rates carefully.

Current rate of GST: -

(No other cost will be claimed above the price quoted)

Signature of Bidder

Name _____

Seal _____

Signature _____

2. DRAFT AGREEMENT

CONTRACT AGREEMENT BETWEEN Chief Engineer Chhattisgarh State Renewable Energy Development Agency (CREDA) Raipur AND M/s..... Represented by THIS CONTRACT AGREEMENT against Bid No. 194100/CREDA/SOLAR OFF-GRID INVERTER/2026-27 Dated: 25.06.2026 (also referred to as “Service Contract”) is made on the ___th day of _____ 2026.

BETWEEN

(1) Chief Engineer Chhattisgarh State Renewable Energy Development Agency (CREDA) Raipur a society incorporated under the laws Society Registration Act 1973, (1973 Sr. No. 44) (with amendment from time to time) and having its Registered Office at VIP Road Near Energy Education Park, Village- Fundhar, Raipur and (hereinafter called “The Employer” and also referred to as “CREDA”)

And

(2)Represented bya company incorporated under the laws of Companies Act 1956/2013/ Partnership firm/ Proprietorship firm/Consortium (as applicable, with amendment from time to time) and having its Principal place of business at.....and Registered Office at.....hereinafter called “The Contractor” and also referred to as “.....”

Whereas the contractor has offered to enter into contract with the said CREDA for the “Standardization of Rates for Supply of Solar off grid inverter anywhere in the state of Chhattisgarh”.

Wide Bid No. 194100/CREDA/SOLAR OFF-GRID INVERTER /2026-27 Dated: 25.06.2026 on the terms and conditions herein contained and the rates approved by the CREDA (Letter No. Dated annexed here to) have been duly accepted and whereas the necessary security deposit shall be furnished in accordance with the provisions of the Bid document and whereas no interest will be claimed on the security deposits.

Now these presents witness and it is hereby agreed and declared by and between parties to these presents as follows -

- 1) The Contractor shall, during the period of this contract, that is to say from to or completion thereof, until this Contract shall be determined by such notice as is hereinafter mentioned, safely carryout, by means of labours employed at his own expenses and by means of tools, implements and equipment etc. to be supplied by him to his labour at his own expenses, for supply of “Solar Off Grid Inverter” as described in Bid documents. (Annexed to the agreement).
- 2) The NIT (Notice Inviting Bid), Corrigendum to NIT, Notices, Bid documents (Qualifying, Technical and Financial), approved rates annexed hereto and such other additional particulars, undertaking, instructions, general conditions of contract, Scope of work, Technical specifications of Solar inverters and Annexures therein, engineering documents, detailed specifications of BOS , so far they relate to the Bid 194100/CREDA/SOLAR OFF-GRID INVERTER/2026-27 Dated: 25.06.2026 as may be found requisite to be given during execution of the work shall be deemed and taken to be an integral part of the contract and shall also be deemed to be included in the expression "The Agreement or "The Contract "wherever herein used.
- 3) The contractor shall also supply the requisite number of workmen with means & materials as well as tools, appliances, machines, implements, vehicles for transportation, cartage etc. required for the proper execution of work within the time prescribed in the work orders and /or as per the Bid conditions.
- 4) The Engineer in Charge or his authorized representative (s) shall be entitled at all reasonable times to inspect and supervise and test during commissioning. Such inspection will not relieve the eligible bidder from their obligations under this contract.
- 5) Material can be inspected before dispatch or in transit by the authorized representatives of CREDA at the factory at the cost of the eligible bidder, if desired by CREDA. CREDA reserves right to inspect the material at Godowns / Temporary Stores before dispatch and also at works sites.

- 6) CREDA shall deduct TDS for Income Tax, applicable cess etc. under various acts and deposited with the appropriate authority. Costs and taxes before execution of agreement with CREDA so as to ensure tax deposition as per Government Rules accordingly.
- 7) **ELIGIBLE BIDDER'S DEFAULT LIABILITY -**
CREDA may by written notice of default to the eligible bidder, terminate the contract in circumstances detailed hereunder -
- (a) If in the opinion of the CREDA, the eligible bidder fails to complete the supply within the time specified in the supply Order or within the period for which extension has been granted by CREDA to the eligible bidder.
 - (b) If in the opinion of CREDA, the eligible bidder fails to comply with any of the provisions of this contract.
 - (c) In the event of CREDA terminating the contract in whole or in part as provided in paragraph (a) above, CREDA reserves the right to engage another eligible bidder or agency upon such terms and in such a manner as it may deem appropriate and the eligible bidder shall be liable to CREDA for any additional costs or any losses caused to CREDA as may be required for the supply of Solar Off-grid Inverter and or for penalty as defined under this Bid document until such reasonable time as may be required for the final completion of the work.
 - (d) In the event CREDA does not terminate the contract as provided in paragraph (a) the eligible bidder shall continue performance of the contract, in which case he shall be liable to CREDA for penalty for delay as set out in this Bid document until the work is completed.
- 8) **FORCE MAJEURE -**
The eligible bidder shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE such as of God, acts of public, enemy, LWE problems, acts of government, cyclone, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes provided that if SI shall submit delay notice with appropriate cause of delay to the CREDA in writing within **15 days** of force majeure. CREDA shall verify the facts and may grant such extension as facts justify. Delay in supply of any accessories of Solar Off-grid Inverter etc. by the related vendors, to whom the Bidder has placed order, shall also not be treated as force majeure.
- 9) **REJECTION OF WORKS -**
In the event of any of the material supplied/work done by the eligible bidder is found defective in material or workman ship or otherwise not in conformity with the requirements of this contract specifications, CREDA shall either reject the material and/or work and advise the eligible bidder to rectify the same. CREDA may impose penalty for such rejection up to the 200% cost of the entire system. Habitual/repeated offenders shall be black listed/debarred to participate in the any Bid/ Activity of CREDA till further orders. The eligible bidder on receipt of such notices shall rectify or replace the defective material and rectify the work free of cost. If the eligible bidder fails to do so CREDA may -
- a) At its option replace or rectify such defective materials and/or work and recover the extra cost so involved from the eligible bidder plus **15%** service charges of the cost of such rectification, from the eligible bidder and/ or terminate the contract for balance work/ supplies with enforcement of penalty as stated above.
 - b) Defective materials/workmanship will not be accepted under any conditions and shall be rejected outright without compensation. The eligible bidder shall be liable for any loss/damage sustained by CREDA due to defective work **with enforcement of penalty as stated above.**
- 10) **EXTENSION OF THE TIME -**
If the completion of installation is delayed due to any reason beyond the control of the eligible bidder, the eligible bidder shall without delay give notice to the CREDA in writing of his claim for an extension of time. CREDA on receipt of such notice may or may not agree to extend the contract/delivery date of the solar off-grid inverter as may be reasonable but without prejudice to other terms and conditions of the contract.
Chief Executive Officer, CREDA has full right for unconditional time extension.

11) PENALTY FOR DELAY IN COMPLETION OF CONTRACT -

- a. If the eligible SI fails to complete the assigned work within the schedule time specified in the Work Order or any extension granted there to, CREDA will recover from the SI as penalty of up to half percent (0.5%) per week of the system price excluding GST for every delayed system. For this purpose, the date of taking over shall be reckoned as the date of completion. The total penalty shall not exceed 5% (five percent) of the cost. The eligible SI shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE.
- b. Review of the progress of supply of solar off-grid inverter bank allocated to bidders shall be done time to time by CREDA and if the progress of supply of solar off-grid inverter is found unsatisfactory, the allocation of entire remaining supply or their part of can be re-allocated to other bidders as per discretion of CREDA.
- c. In case of not completion of work by System Integrator after maximum penalty period i.e. 05 months from last date of completion. The work shall be allocated to other System Integrator as describe in above point 15 b.

In this case the escalated cost of the system shall be recovered from S.D. and/or EMD in all project of SI failing compliance of allocated work within stipulated and extended time for completion of work.

12) PENALTY DUE FROM THE ELIGIBLE BIDDER-

All costs of damages and delays for which the eligible bidder is liable to the CREDA will be deducted from any money due to the eligible bidder including the security deposit of any project under CREDA.

13) ELIGIBLE SI'S RESPONSIBILITY -

Notwithstanding anything mentioned in the specifications of subsequent approval or acceptance of the solar off-grid inverter by CREDA, if any, the ultimate responsibility for satisfactory performance of the entrusted work shall rest with the eligible bidder. If in any case the eligible bidder does not complete the work as per the Work Orders issued to them then CREDA may take over the task & complete the project at the risk and cost of eligible bidder.

14) RESPONSIBILITY TO RECTIFY THE LOSS AND DAMAGE -

If any loss or damage occurs to the work or any part thereof or materials/plant/equipment's for incorporation therein the period for which the eligible bidder is responsible for the cause thereof or from any cause whatsoever, the eligible bidder shall at his own cost rectify/replace such loss or damage, so that the permanent work confirms in every respect with the provision of the contract to the satisfaction of the Engineer. The eligible bidder shall also be liable for any loss or damage to the work/equipment's occasioned by him in course of any operation carried out to him during performing the contract.

15) RESPONSIBILITY TOWARDS THE WORKMAN OR OUT SIDERS -

- The eligible bidder shall have to take insurance coverage from any authorized Insurance Company against Workmen compensation due under Workmen Compensation Act and submit copy of the insurance document before issuance of Work Order.
- The eligible bidder shall ensure all safety measures during execution and repairs of the work. CREDA, will, in no case be responsible for any accident fatal or non-fatal, caused to any workman or outsider in course of transport or execution or repairs of work.
- All the expenditure including treatment or compensation will be entirely borne by the eligible bidders. The eligible bidder shall also be responsible for any claims of the workers including PF, Gratuity, ESI & other legal obligations.
- Bidder shall have to submit JCCs within **60 days** after supply of solar off-grid inverter in District Office of CREDA.

- 16)** Contractor shall provide 05 years warranty in supplied solar Inverter from the date of supply as per the terms & conditions prescribed in the Bid No. 194100/CREDA/HOR/SOLAR OFF-GRID INVERTER /2026-27 Dated: 25.06.2026

17) **DECLARATION OF CONFLICT OF INTEREST –**

- A. Any regular employee working or worked on basis of contract or through placement agency cannot work directly or indirectly in any scheme of CREDA. If such a person is found working with any SI then, such SI shall be blacklisted for three years.
- B. The bidder shall not be permitted to Bid for this Tender, if any relative of bidder is employee of CREDA working as regular employee or work on the basis of contract or through placement agency.

Note- By the term near relatives are meant Wife, Husband, Parents and son, Brother, Sister, Brother-in-law, Father-in-law, and Mother-in-law etc.

- C. Bidder must produce an affidavit (Annexure-III) stating the names of retired/removed employee of CREDA (if any) in his employment who retired /removed within last two years, if in case there is no such person in his employment, his affidavit should clearly state this fact. This affidavit is mandatory, if it is not produced along with the bid, the bid shall be rejected.

18) **INSURANCE**

- (a) The contractor shall arrange insurance coverage for the materials and Solar Off-grid Inverter at his/ for the supply under execution and successful commissioning and subsequent handover to the CREDA. The contractor shall take up insurance or such other measures for the manpower so as to cover the claim for damage arising under workmen's compensation Act and other applicable State/ Central laws. CREDA shall not bear any responsibility on this account.
- (b) Bidder shall arrange for insurance coverage for Solar Off-grid Inverter during COMC period i.e. for 05 years from the date of supply. Insurance should cover for damage and theft. In case of such incidence, bidder must replace the lost/damaged part within 7 days.

- 19) The bidder shall abide by the terms and conditions, rules, guidelines, construction practices, safety precautions etc. stipulated in the Bid document including any correspondence between the bidder and the CREDA having bearing on execution of supply and payments of supply to be done under the contract.
- 20) The Bidder shall be responsible to follow all the laws including Workmen Compensation Act and all other laws in force & shall be responsible for all the obligations towards labour including EPF, ESI, etc.
- 21) All the taxes deductible at source as per Acts in vogue shall be recovered by CREDA and deposited with the appropriate authorities
- 22) Contractor agrees to abide by any decision/instruction passed by the appropriate authority under Anti-profiteering rules notified by the state/central government under GST act.
- 23) Any dispute arising out of the contract shall be subject to the jurisdiction of Hon'ble High Court of Chhattisgarh.

"Herewith everything and anything contained in Bid document no. 194100/CREDA/SOLAR OFF-GRID INVERTER /2026-27 Dated: 25.06.2026 is part of this agreement which has been dully signed by both bidder and authorised signatory of CREDA".

In witness whereof the parties present today has hereby entered into agreement.

Signed & sealed on behalf of the above

Named contractor

Name:

Designation:

Signed on behalf of CREDA

Name:

Designation: **Chief Engineer**

Witness:

1. Name:-.....

2.Name:-.....

Address:-.....

Address:-

.....

.....

3. SCHEDULE - I
PART 'A': GENERAL INFORMATION

(Strike off whichever is not applicable. Separate sheets should be used, wherever necessary)

- 01.** Name & Address of the Bidder :
- 02.** Name & Address of the firm/Company etc. :
- a) Registered office :
- b) Factory/works address :
- c) Fax Nos. :
- d) Telephone / Mobile Nos. :
- e) Email id :
- 03.** Confirm whether Bidder is Manufacturer : Yes/No
- 04.** Only manufacturer to give following particulars
- a) Address of factory :
- b) Year of starting manufacture :
- c) Whether same/similar materials Manufactured earlier (if yes, give reference) :
- d) Yearly/monthly production capacity :
- e) Maximum yearly production Achieved so far :
- 05.** Whether the firm is SSI Unit of Chhattisgarh State: Yes/No
- a) If yes, write registration No. :
- b) Whether documentary evidence Regarding registration enclosed :
- c) Items for registration :
- d) Period of registration :
- d) Whether latest copy Competency/ Certificate furnished : Yes/No
- 06.** Whether the firm is 100% owned by
- a) State Government : Yes/No
- b) Central Government : Yes/No
- If yes, Notification/certificate issued from : Yes/No
- The competent authority to this effect is Enclosed
- 07.** a) Whether the bidder is old participant with CREDA : Yes/No
- b) If yes, whether documentary Evidence is enclosed. : Yes/No
- 08.** Any other information that bidder may like to give in order to highlight his bid : If yes, give details

PLACE:

SIGNATURE OF BIDDER

NAME IN FULL

DATE:

DESIGNATION/STATUS

FIRM/COMPANY SEAL

4. SCHEDULE - II

PART 'B': COMMERCIAL INFORMATION

(Strike off, whichever is not applicable. Separate sheets should be used. Wherever necessary)

- | | | | |
|------------|---|---|--------------------------------------|
| 01. | (i) Earnest Money Details | : | RTGS/NEFT payable to "CREDA", Raipur |
| | (ii) Amount of E.M.D. & full details | : | ₹ |
| | (iii) If exempted, state whether the bidder partially / Fully Owned State/Central Govt. Unit | : | SSI Unit of C.G. |
| | (iv) Reference of documentary evidence regarding exemption enclosed. | : | Yes/No |
| 02. | Whether the offer is valid for 6 months from the date of opening of commercial/technical bid. | : | Yes/No |
| 03. | Rate of Sales Tax on the date of bid (exclusive in the rate quoted) | : | |
| 04. | DISCOUNT: | | |
| | a) Whether any rebate/discount is offered. | : | Yes/No |
| | b) If yes, whether the rebate is unconditional/conditional : Rate/amount of rebate/discount | : | Yes/No |
| | c) If conditional State condition | : | Yes/No |
| 05. | PAYMENT TERMS: | | |
| | Whether CREDA's terms of payment is acceptable to Bidder | : | Yes/No |
| 06. | COMPLETION PERIOD OF WORK: | | |
| | Whether Bidder is agreeing for completion period of work as Specified in the Bid | : | Yes/No |
| 07. | PENALTY CLAUSE: | | |
| | Whether agreeable to CREDA's Penalty Clause | : | Yes/No |
| 08. | Whether agreeable to CREDA's clause of warranty period : | : | Yes/No |
| 09. | SECURITY DEPOSIT: | | |
| | Whether Security Deposit clause is understood | : | Yes/No |
| 10. | Indicate State, Central Sales Tax Registration Number | : | Yes/No |
| | Central: | | |
| | (Please Note that in case of non-registration with Commercial Tax, Department Purchase Tax as admissible shall be deducted by the Purchaser from the Bills of the supplier) | | |
| 11. | Please mention whether rates offered are applicable for part quantities. | : | Yes/No |

PLACE:

SIGNATURE OF BIDDER

DATE:

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY SEAL

5. SCHEDULE - III

PART 'C': TECHNICAL INFORMATION

(Strike off whichever is not applicable. Separate sheets should be used. Wherever necessary)

- 01. Whether material offered is exactly as per technical specification : Yes/No
- 02. Whether the copies of completion certificate received during last 3 years from other State Nodal Agency or from other Organization for supply of inverters (if yes, give details) enclosed. : Yes/No
- 03. Whether pamphlets/technical details literatures along with drawing etc. furnished with the offer : Yes/No (if yes, give details)
- 04. Whether the Bidder agrees to furnish material test certificates in respect of chemical composition and physical properties from Govt./ Govt. approved lab with each batch of supplies. : Yes/No
- 05. Whether the Bidder has furnished details of manufacturing equipments and short history of plant : Yes/No (if yes, give details)
- 06. Whether details of manufacturing process furnished with offer. : Yes/No (If yes, give details)
- 07. a) Whether all testing facilities are available. : Yes/No
If so, give details and in case of non-availability of facilities indicate approved lab available in surrounding areas where tests are proposed to be conducted.

PLACE

SIGNATURE OF BIDDER

DATE

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY

SEAL

6. SCHEDULE - IV
TECHNICAL DEVIATIONS

From,
Bidder Name & Address -

To,
**The CE,
CREDA, HO,
Raipur**

Sub – Technical Deviations.

Dear Sir,

The technical deviations & variations to the specifications stipulated in the Bid, for the item quoted are as under –

S.No	Condition and deviation	Clause no of Bid document	Page no of Bid document	Statement of Variation

2. Except aforesaid deviations, the entire order, if placed, on us shall be executed in accordance with your specifications and other conditions. Variation/deviations etc. if found, elsewhere in our offer should not be given any considerations while finalizing the Bid.

PLACE

SIGNATURE OF BIDDER

DATE

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY SEAL

NOTE - Continuation sheet of like size & format may be used as per bidder's requirements and shall be annexed to this schedule.

7. SCHEDULE - V

PAST EXPERIENCE

From:

Bidder's Name & Address -

To,
The CE,
CREDA, HO,
Raipur

Sub – Performance/Past Experience.

Dear Sir,

We furnish herewith the record of our performance and experience as follows -

Sl.No.	Purchaser's Name & Address	Order No. Date	Ordered Quantity	Qty. supplied (Nos.)	Value of Order
--------	-------------------------------	-------------------	---------------------	-------------------------	-------------------

PLACE

SIGNATURE OF BIDDER

DATE

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY SEAL

NOTE - Photocopy of the completion certificate received from other State Agencies/Govt. Undertakings etc. should be enclosed.

8. ANNEXURE – II

(EXPERIENCE CERTIFICATE ON THE OFFICIAL LETTER HEAD OF CONCERNED GOVERNMENT DEPARTMENT WITH SEAL AND SIGN BY AUTHORIZED SIGNATORY)

Ref. No.....

Date.....

CERTIFICATE OF SUPPLY OF SOALR OFFGRID INVERTER

This is to certify that **Name of Bidder, Address of Registered Office** has successfully completed the supply of**Nos.** Solar off grid Inverter against various Sanction of Name of Agency at various locations in.....State, as per following details –

Nos of Solar Off-grid Inverter	Year	Total capacities of Solar Off-grid Inverter	Remarks
Total -			

The workmanship and performance of the above Solar Off-grid Inverter are found satisfactory and are in successful operation.

Seal & Sign
(Authorised Signatory)
Name of Government Department

9. ANNEXURE – III

FORMAT FOR THE AFFIDAVIT
(Declaration of conflict of Interest)

(Note: This affidavit should be on a non-judicial stamp paper of Rs. 100/- and shall be attested by Magistrate/Sub-Judge/ Notary Public)

I,.....(Name of the bidder authorized representative of the bidder) son/ daughter of..... resident of (Full address), aforesaid solemnly affirm and state as under:

- 1. I hereby certify that all the information furnished with the bid submitted in response to notice inviting bid no. 194100/CREDA/Solar Off-grid Inverter/2026-27 DT. 25-06-2026 issued by Chhattisgarh State Renewable Energy Development Agency (CREDA) (authority inviting bids) for supply of Solar Off-grid Inverter of various capacities and configurations in the state of Chhattisgarh (name and identification of work) are true and correct.
2. I hereby certify that I have been authorized by..... (Company name) to sign on their behalf, the bid mentioned in Sr.No.1 above.*
3. Information furnished in the bidding documents is correct in all respects to the best of my knowledge and belief.
4. The near relations, as per clause 30(A) in Section - 02, in CREDA, are not in employment of the firm/company. (Note:-By the term near relatives is meant Wife, Husband, Parents and Son, Brother, Sister, Brother-in-law, Father-in-law, Mother-in-law etc.) (if working mention the name/names)
5. The name of near relative (if any) as per Clause 31(B) who retired/removed within the last two years. (If None, clearly State None)
6. No near relative is working as Financial Accountant in the CREDA. (if working mention the name)
7. No person is working in the company in any capacity, who are near relatives to any Officer in Chhattisgarh State Renewable Energy Development Agency (CREDA) (If working mention the name)

.....

1. Our company/firm/ or otherwise is not under the clarification of ineligibility for corrupt and fraudulent practices by the Central Government, the State Government or any public undertaking, autonomous body, authority by whatever name called under the Central or the State Government as mention in clause 1(F) of tender document.

2. I hereby authorize the CREDA Officials to get all the documents verified from appropriate sources (s).

Deponent

Place:

Date:

* Not applicable if the bidder is an individual and is signing the bid on his own behalf.

Verification

I..... S/o.....do here by affirm that contents stated in Para 1 to 09 above and contents submitted in technical & financial bid are true to the best or my knowledge and believe and are based on my/our record.

Verified that this date of at (Place).....

Deponent

END