

Bid Specifications
for
Development of Monitoring Dashboard of Solar PV
System installed in the State of Jharkhand
(JREDA)
Government of Jharkhand

Tender Reference No. 23/JREDA/SPV/Dashboard/19-20



Jharkhand Renewable Energy Development Agency (JREDA)

3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi-834002.

Ph.: 0651-2491161, Fax: 0651-2491165,

E-mail: info@jreda.com; Website: www.jreda.com

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e-Procurement Notice

Tender Reference No.: 23/JREDA/SPV/Dashboard/19-20

Date: 26.10.2019

1	Name of the work	Development of Monitoring Dashboard of Solar PV system installed in the state of Jharkhand.
2	Estimated Cost (Rs.)	Rs. 30,00,000/-
3	Period of Engagement	06 (Six) Months
4	Date of publication of NIT on website: http://jharkhandtenders.gov.in	30.10.2019 (Wednesday)
5	Date & time of Pre-bid meeting	08.11.2019 (Friday) at 1.00 PM.
6	Last date & time for receipt of online bids	26.11.2019 (Tuesday) up to 05:00 PM
7	Submission of original copies of Bid fee & EMD (Offline)	26.11.2019 and 27.11.2019 up to 5.00 PM.
8	Technical Bid Opening Date	28.11.2019 (Thursday) at 03:00 PM
9	Name & address of office inviting tender	Director, Jharkhand Renewable Energy Development Agency (JREDA), 3rd Floor, SLDC Building, Kusai, Doranda, Ranchi- 834002 (Jharkhand)
10	Contact no. of procurement officer	0651-2491163/61
11	Helpline no. of e-procurement	0651-2491163/61

Any corrigendum/addendum can be seen on website: <http://jharkhandtenders.gov.in> & www.jreda.com. Further details can be seen on website: <http://jharkhandtenders.gov.in> & www.jreda.com

**Sd/-
Director,
JREDA, Ranchi**

Section -1

NIB No: 23/JREDA/SPV/Dashboard/19-20 List of Important dates & details of Bids

1.	Name of work	Development of Monitoring Dashboard of Solar PV system installed in the State of Jharkhand	
2	Tender reference no.	23/JREDA/SPV/Dashboard/19-20	
3	Mode of submission of tender	Online through www.jharkhandtenders.gov.in	
4	Cost of Bid document (Non-refundable)	❖ Rs. 5,000/- (Indian Rupees Ten Thousand only)	
5	Earnest Money Deposit	❖ Rs. 15,000/- (Indian Rupees Fifteen Thousand Only)	
6	Publishing on website	30.10.2019 (Wednesday)	
7	Period of downloading of bidding documents	Start date: 30.10.2019	Time: 10.00 AM
8		End date: 26.11.2019	Time: 05.00 PM
9	Bid online submission	Start date: 10.11.2019	Time: 10.00 AM
		End date: 26.11.2019	Time: 05.00 PM
	Technical bid opening date	28.11.2019 (Thursday)	Time: 03:00 PM
10	Authority inviting bids	Director, Jharkhand Renewable Energy Development Agency(JREDA)	
11	Address	Jharkhand Renewable Energy Development Agency(JREDA) 3 rd Floor, SLDC Building, Kusai, Doranda, Ranchi- 834002. Ph.No: 2491161,Fax No: 0651-2491165 Web site: www.jreda.com E-mail: info@jreda.com	

Note: The Tender fee and Earnest Money Deposit (EMD) in original must be submitted between all working days from 26.11.2019 and 27.11.2019 up to 5.00 P.M. If Tender fee and EMD are not received before mentioned due date and time, tender shall not be accepted.

Place for receiving tender fee & EMD

Jharkhand Renewable Energy Development Agency (JREDA), 3rd Floor, SLDC Building, Kusai, Doranda, Ranchi-834002.

Section-2

NIB No: 23/JREDA/SPV/Dashboard/19-20

Instructions to Bidders

- A. Detailed instructions & documents to be furnished for online bidding
1. The guidelines to submit bid online can be downloaded from website <http://Jharkhandtenders.gov.in>
 2. The interested bidders can download the bid from the website "<http://Jharkhandtenders.gov.in>".
 3. To participate in bidding process, bidders have to get 'Digital Signature Certificate (DSC)' as per Information Technology Act-2000 to participate in online bidding. This certificate will be required for digitally signing the bid. Bidders can get above mentioned digital signature certificate from any approved vendors (CCA). Bidders, who already possess valid Digital Certificates, need not to procure new Digital Certificate.
 4. The bidders have to submit their bids online in electronic format with digital Signature. The bids without digital signature will not be accepted. No proposal will be accepted in physical form.
 5. Bids will be opened online as per time schedule mentioned in Section 1
 6. Bidders should get ready with the scanned copies of DD towards Tender fee & EMD as specified in the tender document. Before submission of online bids, bidders must ensure that scanned copy of all the necessary documents have been attached with bid.
 7. Bidder have to produce the original D.D. towards tender fee & EMD in approved form to the authority "Director, Jharkhand Renewable Energy Development Agency, Ranchi" on the date & time as mentioned in the NIT failing which bidder will be disqualified. The details of cost of documents, EMD specified in the tender documents should be the same as submitted online (scanned copies) otherwise tender will summarily be rejected.
 8. Uploaded documents of valid successful bidders will be verified with the original, before signing the agreement. The valid successful bidder has to provide the originals to the concerned authority. The department will not be responsible for delay in online submission due to any reason.
 9. All the required information for bid must be filled and submitted online.
 10. Other details can be seen in the bidding documents.
- B. Details of documents to be furnished for online bidding
1. Scanned copies of the following documents to be up-loaded in .pdf format on the website <http://Jharkhandtenders.gov.in>.
 - i. D. D. towards Tender fee.
 - ii. Duly pledged EMD (Annexure)
 - iii. GST certificate.
 - iv. PAN Card
 - v. Firm's registration certificate/ Registration certificate of MSE of Jharkhand.
 - vi. Audited Balance sheet of last three (03)years.
 2. Scanned copies of the Annexure as per the enclosed formats should be uploaded after converting the same to .pdf format.
 - i. Annexure-1 : Covering letter
 - ii. Annexure-2 : Information about the bidding firm
 - iii. Annexure-3 : Declaration by the bidder.
 - iv. Annexure-4 : Annual Turn Over Certificate
 - v. Annexure-5 : Net Worth Certificate
 - vi. Annexure-6 : Format for Power of Attorney for signing of bid
 - vii. Annexure-7 : Proof of supply/execution of SPV Items/systems/Similar nature of work in any SNA/Govt. organization/PSU in the last seven (07)years. Attach copy of orders & its satisfactory completion certificate
 - viii. Annexure-8 : Technical details & make of the Equipment to be supplied
 - ix. Annexure-9 : Bank Guarantee Format for EMD
 - X. Annexure-10 : Contact Person for the NIB
 3. Duly filled in & digitally signed Price Bid.

4. Uploaded documents of valid successful bidders will be verified with the original before signing the agreement. The valid successful bidder has to provide the originals to the concerned authority on receipt of such letter, which will be sent through registered post.
5. Standard Bidding Document (SBD) is not to be uploaded by the bidder. The bidder has to give affidavit stating agree / disagree on the conditions in the SBD. The bidders, who disagree on the conditions of SBD, can not participate in the tender.

Section-3

NIB No: 23/JREDA/SPV/Dashboard/19-20

Notice Inviting Bid

Sub: Bid Specifications for Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand

Preamble:

"Bid Specifications for Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand" for short listing of experienced & eligible bidders to whom work shall be allocated for successful execution of the project in a defined time frame.

Part –I: -The Technical Conditions:

The bidder should fulfill the following Technical eligibility conditions: -

1. The bidder should be a functional organization. To substantiate this claim, the bidder should submit the copy of account for last three (3) financial years before the submission of the bid or date of incorporation, whichever is applicable. These audited accounts should be duly certified by the Statutory Auditor with his stamp.
2. Registered Micro, Small & Enterprise (MSE) of Jharkhand should submit the attested copy of Registration given by the Industry Department, Govt. of Jharkhand. The MSE should be functional & having running production unit of the Jharkhand and should fulfill all the criteria as fixed in Jharkhand Procurement Policy 2014. The corporate office or the head office of the MSE must be located in the State of Jharkhand. The manufacturing unit of the MSE must be located in Jharkhand State.
3. The Participant should have valid GST No.
4. The Bidder should confirm that they have the resources and capability to supply the offered quantity within the scheduled period in the form of an undertaking.
5. Bidders have to download the bid document from website (www.jharkhandtenders.gov.in) and submit the scan copy of the cost of the bid document to be submitted in shape of demand draft of requisite value as mentioned in Section-1 (List of Important dates & details of Bids) in favour of "Director, JREDA" on any Indian Nationalized Bank/Scheduled Bank, payable at "Ranchi". The tender fee in original must be submitted from 26.11.2019 and 27.11.2019 up to 5.00 PM.in the office of JREDA.
6. Bidders should submit in Part – I (Technical Bid) the earnest money (EMD) in the form of Bank Guarantee of requisite value as mentioned in "Section-1 (List of Important dates & details of Bids)". The Bank Guarantee shall be made in favour of "Director, JREDA" payable at Ranchi from any Indian Nationalized bank/Scheduled bank. The bank guarantee shall remain valid for 12 months. Only Original Bank Guarantee shall be accepted. The EMD fee in original must be submitted from 26.11.2019 and 27.11.2019 up to 5.00 PM.in the office of JREDA.
7. **Allocation of work:** The lowest rate received would be the appropriate rate for awarding the work.

SECTION-4

NIB No: 23/JREDA/SPV/Dashboard/19-20

INSTRUCTIONS TO BIDDERS Table of Clauses

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9	Clarification of Bidding Document	26	Preference for Domestic Bidders
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Instructions to Bidders (ITB)

A. General

- 1 Scope of Bid
- 1.1 The JREDA invites bids for the work as described in these documents and referred to as "the works". The name and identification number of the works is provided in the Notice Inviting Bid (NIB).
- 1.2 The successful Bidder will be expected to complete the Works by the Intended Completion Date specified in the Part (I)- General Conditions of Contract.
- 1.3 Throughout these documents, the terms "bid" and "tender" and their derivatives (bidder/ tenderer, bid/ tender, bidding/ tendering) are synonymous.

2 Source of Funds

- 2.1 The JREDA has decided to undertake the works of "**Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand**" through funds from the Government of Jharkhand to be implemented through JREDA.

3 Eligible Bidders

- 3.1 This Invitation for Bids is open to all bidders as defined in the Notice Inviting Bid.
- 3.2 Bidders shall not be under a declaration 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 works.

4 Qualification of the Bidder

- 4.1 All bidders shall provide in Section 3, Forms of Bid and Qualification information, a preliminary description of the proposed work method and schedule, as necessary.
- 4.2 All bidders shall include the following information and documents with their bids in Section 3, Qualification Information unless otherwise stated in the Notice Inviting Bid/ITB.
 - a) Copies of original documents defining the constitution or legal status, place of registration, and principal place of business.
 - b) Copy of written power of attorney of the signatory of the Bid for bidding.
 - c) Total monetary value of the similar nature of the works performed for each of the last three (03) years;
 - d) Experience in works of a similar nature and size for each of the last three (03) years with certificates from the concerned officer or competent authority.
 - e) Chartered Accountant certificate for the last three (03) years before the submission of the bid along with ITR.
 - f) Authority to seek references from the Bidder's bankers;
 - g) Information regarding any litigation or arbitration during the last seven (07) years or year of incorporation, whichever applicable, in which the Bidder is involved, the parties concerned, the disputed amount, and the matter;
- 4.3 Bids from joint venture are not allowed.
- 4.4.A To qualify for award of the Contract, each bidder should meet the following criteria:
 - 1. **Turnover Requirement:**
 - For General Bidder:** Bidder should have the minimum average Annual Turnover of not less than **15 Lakhs** derived from as on the date of submission of the Bid.
 - For MSE:** Bidder should have the average Annual Turnover of not less than **6 Lakhs** derived from as on the date of submission of the Bid.

The certificate should be issued by CA who has performed audit of accounts with UDIN no. as per the Performa given at **Annexure-4**

2. Net worth Requirement:

Bidder should have Positive Net Worth as on 31.03.2018/19 on the basis of audited annual accounts.

Net worth certificate should be issued by CA who has performed audit of accounts with UDIN no. as per the Performa given at **Annexure-5**

3. To be eligible to participate in this tender, the consulting firm must be registered under Companies Act 1956 or 2013.

4. Qualification and Experts Profile

In order to cover the above-mentioned scope, the following minimum expertise shall be required:

- i. At least 1 Consultant level with at least 5 years+ of experience (Solar) in the field of rooftop solar power plants
- ii. At least 1 Consultant level with at least 5 years+ of experience (Technical) and more than 3 years+ in the field of rooftop solar power plants
- iii. At least 1 national Senior Consultant level with at least 5 years of experience expert in the field of process oriented IT solutions for both computer and mobile based applications
- iv. At least 1 national Consultant level expert with least 5 years of experience in the field of data monitoring and acquisition in electricity distribution system or working with Distribution Company IT system as an internal resource or as a consultant

The Bidder shall submit the CV for each Consultant.

4.4.B (a) Each bidder must produce:

- i) PAN.
- ii) An affidavit that the information furnished with the bid documents is correct in all respects; and
- iii) Such other certificates as defined in the Notice Inviting Bid. Failure to produce the certificates shall make the bid non-responsive.

4.4.C Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- i) made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements; and/or
- ii) record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history and financial failures.
- iii) Participated in the previous bidding for the same work and had quoted unreasonably high or low bid prices and could not submit rational justification for it to JREDA.

5 One Bid per Bidder

- 5.1 Each Bidder shall submit only one Bid for one work. A Bidder who submits more than one Bid will be disqualified.

6 Cost of Bidding

- 6.1 The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the JREDA will, in no case, be responsible or liable for those costs.

7 Site Visit

- 7.1 void

B. BIDDING DOCUMENTS:

8 Content of Bidding Documents

8.1 The set of bidding documents comprises the documents listed below and addenda issued in accordance with Clause 10 of ITB.

1. Notice Inviting Tender
2. Instructions to Bidders
3. Qualification Information
4. Conditions of Contract
5. Specifications
6. Bill of Quantities
8. Form of Bid
9. Form of Bank Guarantee.

8.2 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms and specifications, bill of quantities, forms in the Bid Document. Failure to comply with the requirements of Bid Documents shall be at the bidder's own risk. Pursuant to clause 23 hereof, bids, which are not substantially responsive to the requirements of the Bid Documents, shall be rejected.

9 Clarification on Bid Documents and Pre-bid Meeting:

9.1 A prospective Bidder requiring any clarification of the bid documents may inform to the JREDA in writing at the JREDA's address indicated in the Notice Inviting Tenders. JREDA's response will be uploaded in form of corrigendum on our website www.jreda.com.

9.2 Pre-bid meeting will be held on **08.11.2019 (Friday) at 1.00 PM.** in the Conference Hall of JREDA. The bidder or his authorized representative may attend the meeting.

9.3 The purpose of such a meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

9.4 The bidder is requested to submit any questions in writing or by e-mail so as to reach the JREDA not later than two days before the meeting.

9.5 Any modifications of the bid document listed in Clause 8.1 of ITB, which may become necessary as a result of the pre-bid meeting shall be made by the JREDA exclusively through the issue of an Addendum/Corrigendum pursuant to Clause 10 of ITB on website.

10 Amendment of Bidding Documents

10.1 Before the deadline for submission of bids, the JREDA may modify the bidding documents by issuing addenda/corrigendum.

10.2 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the JREDA shall extend, if necessary, the deadline for submission of bids, in accordance with Clause 19.2 of ITB.

C. Preparation of Bids

11 Language of Bid

11.1 All documents relating to the Bid shall be in the language specified in the Notice Inviting Bid.

12 Documents Comprising the Bid

A. Technical Bid – (Fee/Pre-Qualification/Technical Cover)

1) EMD & Tender Fee

a) Scanned Copy of Demand draft drawn in favour of "DIRECTOR, JREDA", payable at Ranchi towards Cost of Tender Fee and Earnest Money Deposit as specified in the Notice Inviting Bid.

2) Technical Details & Declaration

- a) Proposed work programme (work method, time schedule and financial flow), description, and charts as necessary (Duly to be signed digitally) to comply with the requirement of the Bidding Document.
- b) Scanned copy of an Affidavit by the Bidder that he/she has accepted the S.B.D.

3) Technical Details of documents

Scanned copies/Prescribed Formats of Documents to be attached in "My Document" in .pdf format file duly digitally signed by the bidder.

- a) PAN Card
- b) GST certificate.
- c) Proof of completion of similar works during the last seven (7) years and list of similar works in hand in the prescribed formats duly signed by the competent authority of the issuing Department.
- d) List of works for which bids already submitted.
- e) Account Statement Certificate for the last 3 (three) years (upto the date of submission of the Bid) certified by Chartered Accountant.
- f) Turn Over Details certified by Chartered Accountant.
- g) Net worth certificate certified by Chartered Accountant.
- h) List of current litigant cases in which the bidder is involved, if any.
- i) An affidavit for non-engagement of related persons.
- j) Authorized address & contact numbers of the bidder as per instruction in the Notice Inviting Bid duly digitally signed.
- k) Undertaking for validity of bid for 180 days.

B – Financial Bid – (Finance Cover)

- i) Duly Quoted & digitally signed Bill of Quantity (BoQ) in the file supplied by JREDA in .xls format shall be uploaded.
- ii) Declaration by Bidder in the format Section – 6 form of Bid in .pdf format.

NOTE: - a) All the documents should be digitally signed.

12.2 The following documents, which are not submitted with the bid, will be deemed to be part of the bid.

Section Particulars

- i. Notice inviting Bid
- ii. Instruction to the bidders
- iii. Conditions of Contract
- iv. Contract Data
- v. Specifications

13 Bid Prices

13.1 The Contract shall be for the whole Works, as described in Clause 1.1 of ITB.

13.2 The Bidder shall adopt the Item Rate Method as specified in the Notice Inviting Bid only the same option is allowed to all the Bidders.

13.3 All duties, taxes, royalties and other levies payable by the Contractor under the Contract, or for any other cause, shall be included in the rates, prices, and total Bid price submitted by the Bidder.

13.4 The rates and prices quoted by the Bidder shall be fixed for the duration of the Contract and shall not be subject to adjustment.

13.6 Tenderers should quote their rates considering wide variation of site conditions, variation in price of different components during the year 2019-20 and keeping the quantum and quality of work in mind. If JREDA anticipates that rate is abnormally low or high, tender may be cancelled.

14 Currencies of Bid

14.1 The unit rates and the prices shall be quoted by the bidder entirely in Indian Rupees (INR) only.

15 Bid Validity

15.1 Bids shall remain valid for a period of 180 (One hundred Eighty) days after the deadline date for bid submission specified in Clause 19 of ITB. A bid valid for a shorter period shall be rejected by the JREDA as non-responsive.

15.2 In exceptional circumstances, prior to expiry of the original time limit, the JREDA may request to the bidders for extension of the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his Earnest Money. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his earnest money for a period of the extension, and in compliance with Clause 16 of ITB in all respects.

16 Earnest Money

16.1 The Bidder shall furnish, as part of the Bid, Earnest Money, in the amount specified in the Notice Inviting Bid.

16.2 The Earnest Money shall, at the Bidder's option, be in the form of Bank Guarantee/Demand Draft of a scheduled commercial bank, issued in favour of the name given in the Notice Inviting Bid. The Bank Guarantee shall be valid for 12 months or more after the last date of receipt of bids.

16.3 Any bid not accompanied by an acceptable Earnest Money, unless exempted in terms given in the Notice Inviting Bid, shall be rejected by the JREDA as nonresponsive.

16.4 The Earnest Money of unsuccessful bidders will be returned within 30 days of the end of the Bid validity period specified in Clause 15.1 of ITB.

16.5 The Earnest Money of the successful Bidder will be discharged when the Bidder has signed the Agreement and furnished the required Security Deposit.

16.6 The Earnest Money may be forfeited:

- a) if the Bidder withdraws the Bid after bid opening during the period of Bid validity;
- b) in the case of a successful Bidder, if the Bidder fails within the specified time limit to
 - i. sign the Agreement; and/or
 - ii. furnish the required Performance Security and Security Deposit.

17 Alternative Proposals by Bidders

17.1 Bidders shall submit offers that comply with the requirements of the bidding documents, including the Bill of Quantities and the basic technical design as indicated in the drawings and specifications. Alternative proposals will be rejected as non-responsive.

D. Submission of Bids

18 Sealing and Marking of Bids

18.1 The Bidder shall place the two separate files (File I) marked "Technical Bid" and "Financial Bid" (File – II). The file will have markings as follows:

Technical Bid: To be opened on (date and time of Technical Bid opening as per clause 20.1 of ITB.)

Financial Bid: The contents of the Technical and Financial Bids shall be as specified in clause 12.1 of ITB. All documents are to be signed digitally by the bidder.

- 18.2 The first and second files containing the Technical and Financial Bids shall a) be addressed to the JREDA at the address provided in the Notice Inviting Bid b) bear the name and identification number of the Contract as defined in clause 1.1 of ITB; and c) provide a warning not to open before the specified time and date for Bid opening as defined in clause 20.2 of ITB.

19 Deadline for Submission of Bids

- 19.1 Complete Bids (including Technical and Financial) must be received by the JREDA at the address specified in the Notice Inviting Bid not later than the date and time indicated in the Notice Inviting Bid.
- 19.2 The JREDA may extend the deadline for submission of bids by issuing an amendment in accordance with Clause 10.3 of ITB, in which case all rights and obligations of the JREDA and the bidders previously subject to the original deadline will then be subject to the new deadline.

E. Bid Opening and Evaluation

20 Bid Opening

- 20.1 The JREDA will open the bids received (except those received late). In the event of the specified date for the submission of bids being declared a holiday for JREDA, the Bids will be opened at the appointed time and location on the next working day.
- 20.2 The files containing the technical bid shall be opened. The document marked "cost of bidding document" will be opened first and if the cost of the bidding documents is not there, or incomplete, the remaining bid documents will not be opened, and bid will be rejected.
- 20.3 In all other cases, the amount of Earnest Money, forms and validity shall be announced. Thereafter, the bidders' names and such other details as the JREDA may consider appropriate, will be announced by the JREDA at the opening.
- 20.4 The JREDA will prepare minutes of the Bid opening, including the information disclosed to those present in accordance with Clause 20.3 of ITB.
- 20.5 Evaluation of the technical bids with respect to bid security, qualification information and other information furnished in Part-I of the bid in pursuant to Clause 12.3 of ITB, shall be taken up and completed and a list will be drawn up of the responsive bids whose financial bids are eligible for consideration.
- 20.6 The JREDA shall inform, by email, the bidders, whose technical bids are found responsive, date, time and place of opening as stated in the Notice Inviting Bid. In the event of the specified date being declared a holiday for the JREDA, the bids will be opened at the appointed time and location on the next working day through they or their representative, may attend the meeting of opening of financial bids.
- 20.7 At the time of the opening of the 'Financial Bid', the names of the bidders whose bids were found responsive in accordance with clause 20.5 of ITB will be announced. The financial bids of only these bidders will be opened. The remaining bids will be returned unopened to the bidders. The responsive bidders' names, the Bid prices, the total amount of each bid, and such other details as the JREDA may consider appropriate will be announced by the JREDA at the time of bid opening. Any Bid price which is not read out and recorded, will not be taken into account in Bid Evaluation
- 20.8 The JREDA shall prepare the minutes of the opening of the Financial Bids.

21 Process to be Confidential

- 21.1 Information relating to the examination, clarification, evaluation, and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any attempt by a Bidder to influence the JREDA's process of bidding or award decisions may result in the rejection of his Bid

22 Clarification of Bids and Contacting the JREDA

22.1 No Bidder shall contact the JREDA on any matter relating to its bid from the time of the bid opening to the time the contract is awarded.

22.2 Any attempt by the bidder to influence the JREDA's bid evaluation, by any means, bid evaluation, bid comparison or contract award decision may result in the rejection of his bid.

23 Examination of Bids and Determination of Responsiveness

23.1 During the detailed evaluation of "Technical Bids", the JREDA will determine whether each Bid (a) meets the eligibility criteria defined in Clauses 3 and 4; (b) has been properly signed; (c) is accompanied by the required securities; and (d) is substantially responsive to the requirements of the bidding documents. During the detailed evaluation of the "Financial Bids", the responsiveness of the bids will be further determined with respect to the remaining bid conditions, i.e., priced bill of quantities, technical specifications and drawings.

23.2 A substantially responsive "Financial Bid" is one, which conforms to all the terms, conditions, and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the bidding documents, the JREDA's rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

23.3 If a "Financial Bid" is not substantially responsive, it will be rejected by the JREDA, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

24 Corrections of Errors

24.1 Bids determined to be substantially responsive, will be checked by the JREDA for any arithmetic errors. Errors will be corrected by the JREDA as follows:

a) where there is a discrepancy between the rates in figures and in words, the rate in words will govern; and

b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

24.2 The amount stated in the Bid will be adjusted by the JREDA in accordance with the above procedure for the correction of errors and shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, the Bid will be rejected, and the Earnest money shall be forfeited in accordance with Clause 16.6(b) of ITB.

25 Evaluation and Comparison of Bids

25.1 JREDA will evaluate the proposal receipt through JREDA purchase committee for a detailed scrutiny. During evaluation of Proposals, JREDA, may, at its discretion, ask the bidders for clarification of their Proposals. The process for evaluation of Proposals is as given below-

25.2 Technical Evaluation: If a Technical Proposal is determined as not substantially responsive, JREDA will reject it. Technical Proposals conforming to eligibility criteria will be taken up for detailed technical evaluation. The bidders would be required to make presentation before the Technical Committee if required, for which intimation would be given to the Firms/Agencies/Consultants with a notice of at least 7 days along with date, place and time of such presentation. The parameters and weightages to be used for technical evaluation will be as follows:

25.1 Technical Evaluation Break-Up

A.	Financial Strength	10 Marks
B.	Past Experience	50 Marks
C.	Methodology and time schedule	20 Marks

A. Financial Strength

Sr.No	Cumulative Turnover	10 Marks
1.(i)	More than Rs. 1 crore	10
(ii)	Rs. 50 lacs to 1 crore	08
(iii)	Less than Rs. 50 Lacs	05

B. Past Experience Marks Break-up

8			
1	The Consultancy firm have an experience in the field of renewable energy consulting, regulatory and policy consulting in India, IT product development for renewable energy and solar energy sector consulting.		10
A	Two (02) years	10	
B	One (01) years	6	
C	Less than one (01) years	3	
2	The Consulting firm have developed an IT product development		10
A	More than three (03) and more	10	
B	Two (02) years	6	
C	One (01) and less year	3	
3	The Consulting firm must have developed minimum two (02) web portals for renewable energy in last three (03) years and at least two (02) should be live and functional. Preference shall be given to the web portals developed for the rooftop solar PV programme		10
A	More than three (03)	10	
B	Two (02) years	6	
C	One (01) and less year	3	
4	The Value of the Projects executed by the Consulting Firm having a project value above 15 lacs		10
A	3 or more Projects	10	
B	2	6	
C	1 or less	3	
5	The Consulting firm must have provided the consultancy or developed for the grid-connected solar PV power project having monitoring system		10
A	3 or more	10	
B	2	6	
C	Less than 1	3	

- 25.1 The JREDA will evaluate and compare only the bids determined to be substantially responsive in accordance with Clause 23 of ITB.
- 25.2 In evaluating the bids, the JREDA will determine for each Bid, the evaluated Bid price by adjusting the Bid price by making correction, if any, for errors pursuant to Clause 24 of ITB.
- 25.3 If the Bid of the successful Bidder is seriously unbalanced in relation to the Engineer's estimate of the cost of work to be performed under the contract, the JREDA may require the Bidder to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the JREDA may require that the amount of the performance security set forth in Clause 32 of ITB be increased at the expense of the successful Bidder to a level sufficient to protect the JREDA against financial loss in the event of default of the successful Bidder under the Contract. The amount of the increased performance security shall be decided at the sole discretion of the Employer, which shall be final, binding and conclusive on the bidder.
- 25.4 After its evaluation, the JREDA may require that the amount of the performance security set forth in Clause 30 be increased at the expense of the successful Bidder to a level sufficient to protect the JREDA against financial loss in the event of default of the successful Bidder under the Contract. The amount of the increased performance security shall be decided at the sole discretion of the JREDA, which shall be final, binding and conclusive on the bidder.

26 Price Preference

- 26.1 There will be no price preference to any bidder; however, any price preference shall be in line with Jharkhand Procurement Policy 2014 for MSE bidders.

F. Award of Contract

27 Award Criteria

- 27.1 Subject to Clause 29 of ITB, the JREDA will award the Contract to the Bidder whose Bid has been determined:
- i. to be substantially responsive to the bidding documents and who has offered the lowest evaluated Bid price, provided that such Bidder has been determined to be (a) eligible in accordance with the provisions of Clause 3 of ITB, and (b) qualified in accordance with the provisions of Clause 4 of ITB; and as per clause 14 of Notice Inviting Bid (Section-3).

28 JREDA's Right to accept any Bid and to reject any or all Bids

- 28.1 Notwithstanding Clause 27 above, the JREDA reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the JREDA's action without any reason.

29 Notification of Award and Signing of Agreement

- 29.1 The bidder whose Bid has been accepted will be notified of the award by the JREDA prior to expiration of the Bid validity period by email and by registered letter. This letter (hereinafter and in the Part I - General Conditions of Contract called the "Letter of Acceptance") will state the sum that the JREDA will pay to the Contractor in consideration of the execution and completion of the Works (hereinafter and in the Contract called the "Contract Price").
- 29.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of a performance security in accordance with the provisions of Clause 30.

29.3 The Agreement will incorporate NIB document, Work order & subsequent amendments between JREDA and the successful Bidder. It will be signed by the JREDA and the successful Bidder after the security deposit is submitted.

29.4 Upon the furnishing by the successful Bidder of the Performance Security, the JREDA will promptly notify the other Bidders that their Bids have been unsuccessful.

30 Security Deposit:

30.1 Successful General bidder shall submit a security deposit @10% of the allotted work order value in the form of Bank Guarantee valid for one (01) year on or before fifteen (15) days from issuing work order. If Bank Guarantee will not be submitted within stipulated period from the date of issue of work order, then JREDA shall cancel the work order.

30.2 Successful MSE bidders shall be required to deposit only 10% of security deposit (General Bidder) i.e. @1% of the allotted work order value in the form of Bank Guarantee valid for one (01) year as per Jharkhand Procurement Policy.

30.3 The Security Deposit shall be refunded / released to the bidder after expiry of sixty (60) days from the actual date of successful completion of work.

30.4 The Security Deposit will have to be maintained by the bidder with JREDA till the satisfactory completion of the work. If the work extends beyond the expiry date of Bank Guarantee, bidders shall submit fresh or extend the period of validity of Bank Guarantee as per the direction of JREDA, otherwise JREDA may terminate the work order and blacklist the contractor.

31 Advances

31.1 The JREDA will not provide any advance against the security of equipment as provided in Part I - General Conditions of Contract.

32 Corrupt or Fraudulent Practices

The JREDA requires the bidders/Contractors to strictly observe the laws against fraud and corruption in force in India, namely, Prevention of Corruption Act, 1988.

33 Timeline/ Completion Period:

The time of completion shall be adhered as per the timeline defined in the table below:

Sr. No.	Particular	Timeline (in Days)
1	Award of Work order	X Day
2	Completion of Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand	X+ 120 Days
3	Installation of Smart Meters and linking with the Monitoring Dashboard	X+ 180 Days

Section-5

General Terms & Conditions

NIB No: 23/JREDA/SPV/Dashboard/19-20

1.0 Introduction:

The instruction/information contained in the bid documents are for guidance and compliance of the intending bidder. Bidders are advised to obtain clarification from JREDA, if any, prior to submission of their bid, failing which it will be deemed that the stipulation made in the bid documents have been read, understood and are acceptable to the bidder.

Bidder shall bear all costs associated with the preparation and submission of the bid, journeys undertaken by them and subsequent bidding process till the award of the order to successful bidder and the JREDA shall in no case, shall be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

2.0 Scope of work:

The scope of work shall be for the work of Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand of Section- 6 of NIB.

3.0 Bid documents:

Tender documents shall comprise of all the documents mentioned in this Bid. In addition to these any other documents/amendments/revisions or instructions issued by JREDA from time to time to bidders till due date of opening of the offers, shall also be deemed to be integral part of the bid document.

4.0 Price:

The bidder shall quote his price as per schedule of items of work. The contract price rates shall be firm and binding and shall not be subject to any variation except for statutory variation of taxes and duties during the contractual completion period. **The price shall be inclusive of all taxes & charges as on the opening date of tender.** The price shall also include designing, manufacturing, inspection, supply, transport, insurance, handling etc. All applicable charges for taking necessary clearance such as commercial tax, road permit etc. wherever required are also deemed to be included in the contract price.

5.0 Inspection of the factory and Tests:

JREDA reserves the right to inspect manufacturer's works/factory to ascertain the capability/availability of necessary equipment and infrastructure required for manufacture of the items offered. JREDA shall have the access and right to inspect the work or any part thereof at any stage and to test the goods to confirm their conformity to the technical specifications. Successful bidder shall inform JREDA at least fifteen (15) days in advance of schedule dispatch for technical sample audit.

6.0 Payment terms and conditions:

Subject to any deduction which JREDA may be authorized to make under this contract, the contractor shall be entitled to payment as follows:

(a) Development of Software

- i. Upon signing of Agreement as an Advance: 20% of the Project Cost
- ii. Deployment of Beta Version of the Software: 80% of the Project Cost

(b) Installation of Smart Meter with Software

- i. Upon signing of Agreement as an Advance: 20% of the Project Cost
- ii. Supply of Smart Meters: 60% of the Project Cost
- iii. Installation and Deployment of Software: 20% of the Project Cost
- iv. Copy of duly raised delivery challan / transportation challan /lorry receipt.
- v. Duly filled **Annexure-12** should be submitted in three sets (one for Consignee record, one for JREDA Headquarter. and one for JREDA's field Executive Engineer).

The payment for the items to be procured/installed will be released on receipt of the corresponding share as has been provided in the approved scheme of JREDA from Govt. of Jharkhand, beneficiary or other concerned.

8.0 Liquidated Damages for Delay in Completion:

If the supplier fails in the due performance of the contract to deliver any part of the equipment or complete the work within the time fixed under the contract or any extension thereof granted to him by

JREDA and/or to fulfill his obligations in time under the contract, he shall be liable to pay to JREDA @0.5% per week maximum up to 10% of work value delayed beyond contract period.

9.0 Risk & Cost:

If the contractor fails to complete the awarded work from the scheduled date of completion then JREDA will be at liberty to cancel the said work order and will get the full or part of left over work to be completed by way of engaging alternate contractor and completion of the said work shall be got completed at risk & cost of the failed contractor and failed contractor shall be liable to pay all the dues to JREDA.

10.0 Insurance:

The supplier shall arrange for transit and erection insurance of the materials & equipment for setting up of Solar Photovoltaic System. **The supplier shall also arrange for insurance of materials & equipment up to completion of work and handover in all respect.** In case of any theft or damage of equipment during the completion period, the same will be responsibility of supplier to get it rectify at their own cost.

11.0 Assignment/ Sub-letting:

The Manufacturer shall not assign or sublet, manufacture, shop testing, packing & forwarding, transportation, transit insurance, supply in whole or part, and its obligations to any third party to perform under the order/contract.

In the event the manufacturer contravenes this condition, JREDA reserves the right to reject the equipment/work contract and procure the same from elsewhere at manufacturer's risk and cost. The Manufacturer shall be solely liable for any loss or damage which JREDA may sustain in consequence or arising out of such replacing of the contract work.

12.0 Completeness of Tender:

All fittings, assemblies, accessories, hardware items etc. & safety and protection devices as required shall be deemed to have been included in the tender, whether such items are specifically mentioned in the BoM or not.

13.0 Compliance with Regulations:

The supplier/contractor shall comply with all applicable laws or ordinances, codes approved standards, rules and regulations and shall procure all necessary municipal and/or other statutory bodies and government permits & licenses etc. at his own cost. The contractor shall leave the purchaser, Director, JREDA harmless as a result of any infractions thereof.

14.0 Agreement:

The successful qualified suppliers shall have to enter into an agreement in the office of the Director, JREDA, in prescribed format before commencement of supply within 7 (Seven) days with required Security Deposit.

15.0 Income Tax:

Without prejudice to the obligations of the supplier under law, any income tax which JREDA may be required to deduct by law/statute, shall be deducted at source and shall be paid to income tax authorities on account of the supplier. JREDA shall provide the supplier a certificate for such deductions of tax.

17.0 Force Majeure conditions:

In the event of either party being rendered unable by force majeure to perform any obligation required to be performed by them under this agreement, relative obligation of the party affected by such force majeure shall be treated as suspended during which force majeure condition last.

The term force majeure shall have herein mean riots (other than among the contractor's employee), civil commotion, war (whether declared or not), invasion, act of foreign enemies hostilities, rebellion, insurrection, military coup to usurp power, act of god such as earthquake, lightening, floods, fires not caused by contractor's negligence and other cause which the contractor has no control and accepted as such by the Director, JREDA, whose decision shall be final and binding.

If the work is suspended by force majeure conditions lasting for more than 45 days, the purchasers shall have the option of canceling this contract in whole or part thereof, at its discretion. The contractor shall not claim for compensation for force majeure conditions.

18.0 Jurisdiction of the Court:

All disputes would be settled within Ranchi jurisdiction of court of law only.

Section-6
Technical Specification
NIB No: 23/JREDA/SPV/Dashboard/19-20

SCOPE OF WORK

The Consultant shall be required to complete following tasks:

A. Review of the existing procedure

- i. Review the existing procedure for interconnection with the distribution network of the rooftop solar PV system and provide standardized procedure to make it more efficient and effective to collect all the data.
- ii. Devising strategy and process for transition of existing process, online application registry and migration of the same to the IT tool.
- iii. Development of detailed Business Requirement Document (BRD) document covering both interaction and information functionalities upon addressing above JREDA specific customization requirements.
- iv. The consultant shall submit a detailed process mapping report.

B. Develop an online dashboard for monitoring of Solar PV Generation

- i. The Consultant shall develop an online dashboard to monitor the generation data of all the installation in the state of Jharkhand (the "Software") done by JREDA. The list of Installation under the Pilot Project shall be provided by JREDA.
- ii. The Consultant shall understand the configuration protocol of all the inverters used by JREDA in the installations. However, getting the details from the Inverter Manufacturer shall be in the scope of JREDA.
- iii. The Consultant shall explore the feasibility and fetch the data from the Inverter Cloud server to the JREDA server such that all the information can be seen on a single platform of JREDA.
- iv. JREDA shall provide the API integration from the Inverter Manufacturer and the Consultant shall only do the technical work of integration.
- v. The Software shall have the facility of email and SMS gateway for alerts in case of any information is to be passed from the Portal to the officers of JREDA. However, the recurring charges regarding the SMS is not in the scope of the Consultant
- vi. The Software shall map all the Solar PV system on a single platform.
- vii. The Software shall have separate installer and members of JREDA with user-friendly interfaces and necessary security features.
- viii. The Software shall have feature to generate the MIS reports, and display the requisite data as per the requirement.
- ix. The Consultant shall facilitate all necessary security procedures for the Software.

C. Supply of Remote Monitoring System/ Smart Meters with Software

- X. The Consultant shall supply and install the Remote Monitoring System/ Smart Meters at atleast 20 locations provided by JREDA to capture the data of generation of rooftop solar PV system. The sites will be allotted by JREDA after finalization of the tender.
- Xi. The Consultant shall collect the data from all the sites from the Remote Monitoring System/ Smart Meters and link it with the newly developed Monitoring Dashboard for the other sites
- xii. The Consultant shall understand the configuration protocol of all the inverters used by JREDA in the installations. However, getting the details from the Inverter Manufacturer shall be in the scope of JREDA.

Format for Covering Letter

NIB No: 23/JREDA/SPV/Dashboard/19-20

(To be submitted in the official letterhead of the company)

To,

The Director,
Jharkhand Renewable Energy Development Agency
3rd Floor, S.L.D.C. Building,
Kusai Colony, Doranda,
Ranchi - 834002.

Sub: Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand

Sir,

We are hereby submitting our offer in full compliance with the terms and condition of the above NIB No. 23/JREDA/SPV/Dashboard/19-20. We have submitted the requisite amount of Tender Fee in the form of Demand Draft & "Earnest Money" in the form of Bank Guarantee, valid for twelve (12) months.

The tender is uploaded on www.jharkhandtenders.gov.in as per the requirement of the website separately Technical Bid & Financial Bid.

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal:

Note: MSE bidders of Jharkhand must submit necessary documents for claiming exemption of EMD and Bid fee.

Information About The Bidding Firm**NIB No: 23/JREDA/SPV/Dashboard/19-20**

(To be submitted in the official letter head of the company)

SL. No.	Particulars	
1.	Name of the Bidder	
2.	Address of Bidder with Telephone, Fax, email	
3.	Address of the Registered Office	
4.	Address of the works	
5.	GPS Co-ordinate of Registered Office	
6.	GPS Co-ordinate of Factory Campus	
7.	Name & Designation of Authorized Signatory for Correspondence (Attach Power of Attorney as per Annexure-6)	
8.	Nature of Firm (Proprietorship/Partnership /Pvt. Ltd./Public Ltd. Co./Public Sector)	
9.	Permanent Account Number (PAN) (Attach proof)	
10.	Firm's Registration Number (Attach proof)	
11.	GST Number (Attach proof)	
12.	Details of in-house testing facility (Attach Proof)	
13.	Office/ Dealer and Service network in Jharkhand (Give details)	
14.	Particulars of Earnest Money and Bid fee	
15.	Place where Materials will be Manufactured	
16.	Place where Materials will be Available for Inspection	
17.	Other details and remarks, if any	

Yours faithfully,

(Signature of Authorized Signatory)

Name :
Designation :
Company seal :

(Separate sheet may be used for giving detailed information duly signed)

Declaration by the Bidder

NIB No: 23/JREDA/SPV/Dashboard/19-20

(To be submitted in the official letter head of the company)

I/We _____ (here in after referred to as the Bidder) being desirous of tendering for the rate contract for work under the above mentioned tender and having fully understood the nature of the work and having carefully noted all the terms and conditions, specifications etc. as mentioned in the tender document, DO HEREBY DECLARE THAT

1. The Bidder is fully aware of all the requirements of the tender document and agrees with all provisions of the tender document.
2. The Bidder is capable of executing and completing the work as required in the tender.
3. The Bidder accepts all risks and responsibilities directly or indirectly connected with the performance of the tender.
4. The Bidder has no collusion with any employee of JREDA or with any other person or firm in the preparation of the bid.
5. The Bidder has not been influenced by any statement or promises of JREDA or any of its employees, but only by the tender document.
6. The Bidder is financially solvent and sound to execute the work.
7. The Bidder is sufficiently experienced and competent to perform the contract to the satisfaction of JREDA.
8. The information and the statements submitted with the tender are true.
9. The Bidder is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
10. The Bidder has not been debarred/blacklisted by any SNA/ Government Dept. /PSU.
11. This offer shall remain valid for Six (06) months from the date of opening of the tender.
12. The Bidder gives the assurance to execute the tendered work as per specifications terms and conditions.
13. The Bidder confirms the capability to supply and install required no. of systems per month.
14. The Bidder accepts that the earnest money be absolutely forfeited by JREDA if the Bidder fails to undertake the work or sign the contract within the stipulated period.

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal:

Format For Financial Requirement – Annual Turnover

NIB No: 23/JREDA/SPV/Dashboard/19-20

[On the letterhead of Bidding Company]

To,

The Director,
Jharkhand Renewable Energy Development Agency
3rd Floor, S.L.D.C. Building,
Kusai Colony, Doranda,
Ranchi - 834002

Dear Sir,

Sub: Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand

We certify that the Bidding Company had an average Annual Turnover of Rs. -----
----- -- based on the CA certificate before the submission of the

Sr. No.	Financial Year	Turnover (in Rupees)
1.		
2.		
3.		
4.		

UDIN No.:

Authorised Signatory
(Power of Attorney holder)

Statutory Auditor
(Stamp & Signature)

Date:

Format for Financial Requirement - Net Worth Certificate

NIB No: 23/JREDA/SPV/Dashboard/19-20

[On the letterhead of Bidding Company]

To,

The Director,
Jharkhand Renewable Energy Development Agency
3rd Floor, S.L.D.C. Building,
Kusai Colony, Doranda,
Ranchi - 834002

Dear Sir,

Sub: Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand

This is to certify that Net worth of _____ {insert the name of Bidding Company}, as on is Rs _____. The details are appended below.

Particulars	Amount (In Rs.)
Equity Share Capital	
Add: Reserves	
Subtract: Revaluation Reserve	
Subtract: Intangible Assets	
Subtract: Miscellaneous Expenditure to the extent not written off and carried forward losses	
Net Worth	

UDIN No.:

Authorised Signatory
(Power of Attorney holder)

Statutory Auditor
(Stamp & Signature)

Format of Power of Attorney for Signing Bid

NIB No: 23/JREDA/SPV/Dashboard/19-20

POWER OF ATTORNEY

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

Know all men by these presents, we.....(name and address of the registered office) do hereby constitute, appoint and authorize Mr. / Ms.....(name and residential address) who is presently employed with us and holding the position of.....

as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for all tenders notified by Jharkhand Renewable Energy Development Agency during 2019-20, including signing and submission of all documents and providing information / Bids to Jharkhand Renewable Energy Development Agency, representing us in all matters before [Insert Name], and generally dealing with Jharkhand Renewable Energy Development Agency in all matters in connection with our bid for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For
_____Signature

Accepted by

..... (Signature)

(Name, Title and Address of the Attorney)

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

Price Bid

NIB No: 23/JREDA/SPV/Dashboard/19-20

Sub: Development of Monitoring Dashboard of Solar PV System installed in the State of Jharkhand

SI No	DESCRIPTION	QTY	UNIT	Rate including all taxes (Rs.)	AMOUNT(Rs.)
	Dashboard Software	1	Nos.		
	Supply and Installation of Smart Meters with Software	15	Nos.		
	Total				
	Total(In words)				

- 1 Above quoted price are complete in all respect as per Technical Specifications inclusive of all Central/State/Local applicable taxes & duties, packing, forwarding, transit insurance, loading & unloading, transportation & other charges etc. FOR destination in Jharkhand and inclusive of installation, testing, commissioning, operation & maintenance for five years, performance testing and training.
- 2 Certified that rates quoted for above mentioned all components are as per specifications, terms & conditions mentioned in the bid document.
- 3 Price should be quoted in complete numeric figure and words.

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal:

Format for Submitting Bank Guarantee for Earnest Money

NIB No: 23/JREDA/SPV/Dashboard/19-20

(To be submitted in Rs. 100/- Non-Judicial Stamp Paper to be purchased in the name of the issuing bank)

To,

The Director,
Jharkhand Renewable Energy Development Agency
3rd Floor, S.L.D.C. Building,
Kusai Colony, Doranda,
Ranchi - 834002.

WHEREAS (Supplier's name) (hereinafter referred to as "Supplier"), a company registered under the Companies Act, 1956 and having its registered office at is required to deposit with you, the Purchaser, by way of Earnest Money Rs. (Rupees only) in connection with its tender for the work with reference to Notice Inviting Bid (NIB) No. dated as per specification and terms and conditions enclosed therein.

WHEREAS the Supplier as per "Notice Inviting Bid, point no. 3 Earnest Money" has agreed to establish a Bank Guarantee in Your favour through us valid up to (date) instead of deposit of earnest money in cash.

WHEREAS you have agreed to accept a Bank Guarantee from us in instead of earnest money in cash from the Supplier.

1. We (Bank) hereby agree and undertake to pay you on demand the said amount of Rs. (Rupees only) without any protest or demur in the event the Supplier/Tenderer after submission of his tender, resiles from or withdraws his offer or modifies the terms and conditions thereof in a manner not acceptable to you or expresses his unwillingness to accept the order placed and/or letter of intent issued on the Supplier/Tenderer for the work under "Notice Inviting Bid Ref. No.:" **23/JREDA/SPV/Dashboard/19-20**.
2. Your decision as to whether the Supplier/Tenderer has resiled from or has withdrawn his offer or has modified the terms and conditions thereof in a manner not acceptable to you or has expressed his unwillingness to accept the order placed and/or Letter of Intent issued by you on the Supplier/Tenderer for the work under "Notice Inviting Bid Ref. No. :

23/JREDA/SPV/Dashboard/19-20 in this regard, shall be final and binding on us and we shall not be entitled to question the same.

3. Notwithstanding anything contained in the foregoing, our liability under this Guarantee shall be restricted to Rs. (Rupees only).
4. This Guarantee shall remain valid and in full force and effect up to (Date) and shall expire thereafter unless an intimation is given to the Bank by you earlier in writing discharging us from our obligation under this Guarantee.
5. We shall not revoke this Guarantee during its currency except by your consent in writing.
6. This Guarantee shall not be affected by any change in the constitution of the Supplier/Tenderer or yourselves or ourselves but shall ensure to your benefit and be enforceable against our legal successors or assignees by you or your legal successors.
7. Notwithstanding anything contained herein above unless a demand or claim under this Guarantee is made on us in writing within six months from the date of expiry of this Guarantee we shall be discharged from all liabilities under this Guarantee thereafter.
8. We have power to issue this Guarantee under our Memorandum and Articles of Association and the undersigned who is executing this Guarantee has the necessary power to do so under a duly executed Power of Attorney granted to him by the Bank.

Signed and Delivered

For and on behalf of Bank.

(Banker's Name)

Name of Bank Manager:

Address

.....

Contact Person for the NIB

NIB No: 23/JREDA/SPV/Dashboard/19-20

[On the letterhead of Bidding Company]

1	Contact Person name for the NIB	
2	Designation	
3	Contact No. (phone & mobile)	
4	Fax No.	
5	e-mail ID	
6	Corresponding address with pin code	
7	Remarks	

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal: