

CORRIGENDUM-I

In the light of pre-bid meeting held on **24.09.2019(Tuesday)** & suggestions received from the prospective bidders, JREDA has decided to make following amendments in the NIB No. **12/JREDA/GCRT/RC/19-20** for Bid Specifications for Rate Contract for Design, Manufacture, Testing, Supply, Installation & Commissioning of Grid connected Rooftop SPV Power Plants of different capacities including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis on Government Buildings anywhere in the state of Jharkhand:

Section/ Annexure	Original Criteria	Read as/ Amendments/Addendums
e procurement notice	Last date & time for receipt of online bids	09.10.2019 (Wednesday) up to 05:00 PM
	Submission of original copies of Bid fee & EMD (Offline)	09.10.2019 & 10.10.2019 up to 05:00 PM
	Technical Bid Opening Date	11.10.2019 (Friday) at 12.30 PM
Section-3	Page no. 9 of the NIB/ Notice Inviting Bid: Part –I: -The Technical Conditions: The bidder should fulfil the following Technical eligibility conditions: - 1. The bidder should be MNRE approved manufacturer/ MNRE approved PV System integrator.	Page no. 9 of the NIB/ Notice Inviting Bid: Part –I: -The Technical Conditions: The bidder should fulfil the following Technical eligibility conditions: - 1. The bidder should be MNRE approved manufacturer/ MNRE approved PV System integrator / PV System integrator registered with any SNA.
	Section-3 Page no. 10 of the NIB/ Notice Inviting Bid: 4. Technical Eligibility: I. For General Bidder: General bidder should have to qualify the following The bidder should have installed at least one Grid connected/off grid Solar PV Power Plant having capacity of not less than 10 KWp for category 'A' , 25 KWp for category 'B' and 50 KWp for category 'C' which should have been commissioned up to date of this tender and.	Page no. 10 of the NIB/ Notice Inviting Bid: 4. Technical Eligibility: I. For General Bidder: General bidder should have to qualify the following The bidder should have installed at least one Grid connected Solar PV Power Plant having capacity of not less than 10 KWp for category 'A' , 25 KWp for category 'B' and 50 KWp for category 'C' which should have been commissioned up to date of this tender and.

Section-3

Page no. 11 & 12 of the NIB/ Notice Inviting Bid :

Part –II: -The Financial Conditions:

The bidder should fulfill the following financial eligibility conditions: -

1. Financial Eligibility:

I. Turnover Requirement:

- (i) **For General Bidder:** Bidder should have the minimum average Annual Turnover of **25% of Bid Capacity** derived from the last three financial years ending on 31.03.2019 on the basis of audited annual accounts.
- (ii) **For MSME of Jharkhand:** Bidder should have the average Annual Turnover of **10% of Bid Capacity** derived from the last three financial years ending on 31.03.2019 on the basis of audited annual accounts.
- (iii) **For New Entrepreneurs/New MSME:** Bidder should have the average Annual Turnover of **10% of Bid Capacity** derived from the date of establishment in case the company is older than 1 year. However, **New Entrepreneurs/New MSME** bidder must submit annual turnover of 10% of bid capacity of last financial year on

Page no. 11 & 12 of the NIB/ Notice Inviting Bid :

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- (ii) **For MSME of Jharkhand:** Bidder should have the average Annual Turnover of **10% of Bid Capacity** derived from the last three financial years ending on **31.03.2018/31.03.2019** on the basis of audited annual accounts.
- (iii) **For New Entrepreneurs/New MSME:** Bidder should have the average Annual Turnover of **10% of Bid Capacity** derived from the date of establishment in case the company is older than 1 year. However, **New Entrepreneurs/New MSE** bidder must submit annual turnover of 10% of bid capacity of last financial year on

basis of audited annual accounts.

The certificate should be as per the Performa given at [Annexure-5](#)

II. Net worth Requirement:

- (i) **For General Bidder:** Bidder should have Positive Net Worth of minimum **10%** of Bid Capacity as on 31.03.2019 on the basis of audited annual accounts.
- (ii) **For MSME of Jharkhand:** Bidder should have Positive Net Worth of minimum **5%** of Bid Capacity as on 31.03.2019 on the basis of audited annual accounts.
- (iii) **For New Entrepreneurs/New MSME:** Bidder should have Positive Net Worth of minimum **5%** of Bid Capacity as on 31.03.2019 on the basis of audited annual accounts

Net worth certificate should be as per the Performa given at [Annexure-6](#)

2. The financial competence of the bidder will be evaluated on the basis of average annual turnover of Rs. 25.00 Lakh per 100 kWp for general bidder (Rs. 10.00 Lakh per 100 kWp for MSME of Jharkhand/New Entrepreneur) from the last three years ending 31.03.2019 and Net Worth of Rs. 10.00 Lakh per 100 kWp for

basis of audited annual accounts.

The certificate should be issued by CA who has performed audit of accounts with UDIN as per the Performa given at [Annexure-5](#)

II. Net worth Requirement:

- (i) **For General Bidder:** Bidder should have Positive Net Worth of minimum **10%** of Bid Capacity as on **31.03.2018/31.03.2019** on the basis of audited annual accounts.
- (ii) **For MSME of Jharkhand:** Bidder should have Positive Net Worth of minimum **5%** of Bid Capacity as on **31.03.2018/31.03.2019** on the basis of audited annual accounts.
- (iii) **For New Entrepreneurs/New MSE:** Bidder should have Positive Net Worth of minimum **5%** of Bid Capacity as on **31.03.2018/31.03.2019** on the basis of audited annual accounts

Net worth certificate **with UDIN** should be as per the Performa given at [Annexure-6](#)

2. The financial competence of the bidder will be evaluated on the basis of average annual turnover of Rs. 25.00 Lakh per 100 kWp for general bidder (Rs. 10.00 Lakh per 100 kWp for MSME of Jharkhand/New Entrepreneur) from the last three years ending

	<p>general bidder (Rs. 5.00 Lakh per 100 kWp for MSME of Jharkhand/New Entrepreneur) as on 31.03.2019 on the basis of audited annual accounts. Technical competence of the bidder will be evaluated on the basis of 25 kWp of SPV Power Plant per 100 kWp for general bidder (10 kWp of SPV Power Plant per 100 kWp for MSME of Jharkhand) from the cumulative experience of executing contracts of SPV Power Plants during last seven years. Technical competence of the bidder will be evaluated on the basis of copy of order and corresponding certificate indicating its successful execution of SPV Power Plant.</p>	<p>31.03.2018/31.03.2019 and Net Worth of Rs. 10.00 Lakh per 100 kWp for general bidder (Rs. 5.00 Lakh per 100 kWp for MSME of Jharkhand/New Entrepreneur) as on 31.03.2018/31.03.2019 on the basis of audited annual accounts. Technical competence of the bidder will be evaluated on the basis of 25 kWp of SPV Power Plant per 100 kWp for general bidder (10 kWp of SPV Power Plant per 100 kWp for MSME of Jharkhand) from the cumulative experience of executing contracts of SPV Power Plants during last seven years. Technical competence of the bidder will be evaluated on the basis of copy of order and corresponding certificate indicating its successful execution of SPV Power Plant.</p>
Section-4	<p>Page no. 17 of the NIB/ Instructions to Bidders:</p> <p>12.1.5. Technical Details of documents</p> <p>Scanned copies/Prescribed Formats of Documents to be attached in "My Document" in .pdf format file duly digitally signed by the bidder.</p> <p>a) Income Tax clearance certificate</p> <p>b) PAN Card</p> <p>c) GST certificate.</p> <p>d) Proof of completion of similar works during the last 7 years and list of similar works in hand in the prescribed formats in the ITB duly signed by the competent authority of the issuing Department (in format given in ITB)</p> <p>e) Financial Report for the last 3 years (up to 31/3/2019) certified by chartered Accountant.</p>	<p>Page no. 17 of the NIB/ Instructions to Bidders:</p> <p>12.1.5. Technical Details of documents</p> <p>Scanned copies/Prescribed Formats of Documents to be attached in "My Document" in .pdf format file duly digitally signed by the bidder.</p> <p>a) Income Tax Return (ITR) certificate</p> <p>b) PAN Card</p> <p>c) GST certificate.</p> <p>d) Proof of completion of similar works during the last 7 years and list of similar works in hand in the prescribed formats in the ITB duly signed by the competent authority of the issuing Department (in format given in ITB)</p> <p>e) Financial Report for the last 3 years (up to 31.3.2018/31.03.2019) certified by chartered Accountant.</p>
Section-6	<p>Page no. 39 of the NIB/ Technical Specifications:</p> <p>REMOTE MONITORING</p> <p>All the relevant parameters of PCU should be available for remote</p>	<p>Page no. 39 of the NIB/ Technical Specifications:</p> <p>REMOTE MONITORING</p> <p>All the relevant parameters of PCU should be available for remote</p>

	<p>monitoring over internet using GPRS (2G,3G & 4G enabled) based monitoring solution. PCU shall have GPRS (2G,3G & 4G enabled) inability based on SIM card which shall be provided by the bidder. The monthly charge of SIM card will be borne by bidder.</p>	<p>monitoring over internet using GPRS (3G & 4G enabled) based monitoring solution. PCU shall have GPRS (3G & 4G enabled) inability based on SIM card which shall be provided by the bidder. The monthly charge of SIM card will be borne by bidder.</p>
<p>Section-6</p>	<p>Page no. 43 of the NIB/ Technical Specifications:</p> <p>DATA ACQUISITION SYSTEM/PLANT MONITORING/REMOTE MONITORING:</p> <p>Data Acquisition System shall be provided for each of the solar PV plant capacity.</p> <p>Data Logging Provision for plant control and monitoring, time and date stamped system data logs for analysis with the high quality, suitable PC. Metering and Instrumentation for display of systems parameters and status indication to be provided.</p> <p>Solar Irradiance: An integrating Pyranometer / Solar cell based irradiation sensor (along with calibration certificate) provided, with the sensor mounted in the plane of the array. Readout integrated with data logging system.</p> <p>Temperature: Temperature probes for recording the Solar panel temperature and/or ambient temperature to be provided complete with readouts integrated with the data logging system.</p>	<p>Page no. 43 of the NIB/ Technical Specifications:</p> <p>DATA ACQUISITION SYSTEM/PLANT MONITORING/REMOTE MONITORING:</p> <p>Data Acquisition System shall be provided for each of the solar PV plant capacity.</p> <p>Data Logging Provision for plant control and monitoring, time and date stamped system data logs for analysis with the high quality, suitable PC. Metering and Instrumentation for display of systems parameters and status indication to be provided.</p> <p>Solar Irradiance: An integrating Pyranometer / Solar cell based irradiation sensor (along with calibration certificate) provided, with the sensor mounted in the plane of the array. Readout integrated with data logging system.</p> <p>Temperature: Temperature probes for recording the Solar panel temperature and/or ambient temperature to be provided complete with readouts integrated with the data logging system.</p> <p><u>The Temperature & irradiance sensors should be installed in 10 kWp & above GCRT Solar Power Plants.</u></p>

Annexure 5

Annexure-5: Format For Financial Requirement – Annual Turnover

NIB No: 12/JREDA/GCRT/RC/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: Rate Contract for Design, Manufacture, Testing, Supply, Installation & Commissioning of Grid connected Rooftop SPV Power Plants of different capacities including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis on Government Buildings anywhere in the state of Jharkhand.

Annexure-5: Format For Financial Requirement – Annual Turnover

NIB No: 12/JREDA/GCRT/RC/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: Rate Contract for Design, Manufacture, Testing, Supply, Installation & Commissioning of Grid connected Rooftop SPV Power Plants of different capacities including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis on Government Buildings anywhere in the state of Jharkhand.

We certify that the Bidding Company had an average Annual Turnover of Rs. ----- based on audited annual accounts of the last three years ending 31.03.2019.

Sl. No.	Financial Year	Turnover (in Rupees)
1.	2016-17	
2.	2017-18	
3.	2018-19	
Average Annual Turnover		

UID No.:

Authorised Signatory
(Power of Attorney holder)

Statutory Auditor
(Stamp & Signature)

We certify that the Bidding Company had an average Annual Turnover of Rs. ----- based on audited annual accounts of the last three years ending **31.03.2018 /31.03.2019** .

Sl. No.	Financial Year	Turnover (in Rupees)
1.	2015-16	
2.	2016-17	
3.	2017-18	
4.	2018-19	
Average Annual Turnover		

UDIN :

Authorised Signatory
(Power of Attorney holder)

Statutory Auditor
(Stamp & Signature)

Annexure 6

Annexure-6: Format For Financial Requirement - Net Worth Certificate

NIB No: 12/JREDA/GCRT/RC/19-20

[On the letterhead of Bidding Company]

Annexure-6: Format For Financial Requirement - Net Worth Certificate

NIB No: 12/JREDA/GCRT/RC/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: Rate Contract for Design, Manufacture, Testing, Supply, Installation & Commissioning of Grid connected Rooftop SPV Power Plants of different capacities including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis on Government Buildings anywhere in the state of Jharkhand.

This is to certify that Net worth of _____
{insert the name of Bidding Company}, as on 31st March 2019 is Rs _____.
The details are appended below.

Particulars	Amount (In Rs.)
Equity Share Capital	

To,

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

Dear Sir,

Sub: Rate Contract for Design, Manufacture, Testing, Supply, Installation & Commissioning of Grid connected Rooftop SPV Power Plants of different capacities including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis on Government Buildings anywhere in the state of Jharkhand.

This is to certify that Net worth of _____
{insert the name of Bidding Company}, as on **31st March 2018 / 31st March 2019** 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 as on 31 st March 2019	

UID No.:

Authorised Signator
(Power of Attorney holder)

Statutory Auditor
(Stamp & Signature)

Add: Reserves	
Subtract: Revaluation Reserve	
Subtract: Intangible Assets	
Subtract: Miscellaneous Expenditure to the extent not written off and carried forward losses	
Net Worth as on 31st March 2018/ 31st March 2019	

UDIN :

Authorised Signator
(Power of Attorney holder)

Statutory Auditor
(Stamp & Signature)

Annexure 12

Annexure-12: Price Bid

NIB No: 12/JREDA/GCRT/RC/19-20

Sub: Rate Contract for Design, Manufacture, Testing, Supply, Installation & Commissioning of Grid connected Rooftop SPV Power Plants of different capacities including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis on Government Buildings anywhere in the state of Jharkhand.

Annexure-12: Price Bid

NIB No: 12/JREDA/GCRT/RC/19-20

Sub: Rate Contract for Design, Manufacture, Testing, Supply, Installation & Commissioning of Grid connected Rooftop SPV Power Plants of different capacities including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis on Government Buildings anywhere in the state of Jharkhand.

S. N	SPV Power Plant Capacity (kWp)	Quoted quantity (kWp) (to be entered by bidder)	Bidders to enter unit Rate per kWp (inclusive of all taxes and charges) (In Rs.)	S. N	SPV Power Plant Capacity (kWp)	Quoted quantity (kWp) (to be entered by bidder)	Bidders to enter unit Rate per kWp (inclusive of all taxes and charges) (In Rs.)
1	Category "A" 1 to 10 kWp (without battery system)			1	Category "A" 1 to 10 kWp (without battery system)		
2	Category "B" Above 10 to 100 kWp (without battery system)			2	Category "B" Above 10 to 100 kWp (without battery system)		
3	Category "C" Above 100 kWp (without battery system)			3	Category "C" Above 100 kWp (without battery system)		
4	Category "A-1" 1 to 10 kWp (with battery system)			4	Category "A-1" 2 kWp (with battery system)		
	2 kWp (with battery system)				Category "A-1" 3 kWp (with battery system)		
	3 kWp (with battery system)				Category "A-1" 4 kWp (with battery system)		
	4 kWp (with battery system)				Category "A-1" 5 to 9 kWp (with battery system)		
	5 to 10 kWp (with battery system)				Category "A-1" 10 kWp (with battery system)		

5	Category "B-1" Above 10 to 100 kWp (with battery system)		
6	Category "C-1" Above 100 kWp (with battery system)		

- 1 Above quoted price for **Solar Power Plants** are complete in all respect as per Technical Specifications inclusive of all Central/State/Local taxes & duties, packing, forwarding, transit insurance, loading & unloading, transportation & other charges etc. FOR destination at any places in Jharkhand and inclusive of installation, testing, commissioning, operation & maintenance for five years, performance testing and training.
- 2 Certified that rates quoted for **Solar Power Plants** are as per specifications, terms & conditions mentioned in the bid document.
- 3 Price will be quoted in complete numeric figure and words.
- 4 For each category, more than one contractors will be empaneled.
- 5 The offered rate should be valid for one year which may be extended as per requirement of JREDA.

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal:

5	Category "B-1" Above 10 to 100 kWp (with battery system)		
6	Category "C-1" Above 100 kWp (with battery system)		

- 6 Above quoted price for **Solar Power Plants** are complete in all respect as per Technical Specifications inclusive of all Central/State/Local taxes & duties, packing, forwarding, transit insurance, loading & unloading, transportation & other charges etc. FOR destination at any places in Jharkhand and inclusive of installation, testing, commissioning, operation & maintenance for five years, performance testing and training.
- 7 Certified that rates quoted for **Solar Power Plants** are as per specifications, terms & conditions mentioned in the bid document.
- 8 Price will be quoted in complete numeric figure and words.
- 9 For each category, more than one contractors will be empaneled.
- 10 The offered rate should be valid for one year which may be extended as per requirement of JREDA.

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal:

Addendum:

Bid capacity: Minima of capacity derived from the bidder's cumulative experience, annual turnover, net worth and EMD submitted.

2. Changes made as above in NIB may be read accordingly for similar changes in related technical specification.
3. The Corrigendum shall form the integral part of the tender documents.

Sd/-

**Director,
JREDA, Ranchi**