

## CORRIGENDUM-I

In the light of pre-bid meeting held on **23.09.2019(Monday)** & suggestions received from the prospective bidders, JREDA has decided to make following amendments in the NIB No. **11/JREDA/SCSS/19-20 for** Design, Supply, Installation, and Testing & Commissioning of Solar Cold Storage unit including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis in the state of Jharkhand:

Section/ Annexure	Original Criteria	Read as/ Amendments/Addendums
<b>e procurement notice</b>	Last date & time for receipt of online bids	<b>09.10.2019 (Wednesday) up to 05:00 PM</b>
	Submission of original copies of Bid fee & EMD (Offline)	<b>14.10.2019 (Monday) up to 05:00 PM</b>
	Technical Bid Opening Date	<b>14.10.2019 &amp; 15.10.2019 up to 05:00 PM</b>
	Technical Bid Opening Date	<b>16.10.2019 (Wednesday) 1.30 PM</b>
<b>Section-2</b>	<p><b>Page 7 of NIB/Instruction to bidders:</b></p> <p>ix. Test certificate of Li Ferro Phosphate battery as per BIS (in case storage is from battery)</p>	<p><b>Page 7 of NIB/Instruction to bidders:</b></p> <p>ix. Deleted</p>
<b>Section-3</b>	<p><b>Page 9 &amp; 10 of NIB/Notice Inviting Bid:</b></p> <p><b>6. Turnover Requirement:</b>  <b>For General Bidder:</b> Bidder should have the minimum average Annual Turnover of <b>25% of project estimated cost</b> derived from the last three financial years ending on 31.03.2019 on the basis of audited annual accounts for minimum lot size quoted. The bidder submitting the bid for higher nos. of SCSSs will require having average Annual Turnover in same higher proportion (<b>25%</b>).</p> <p><b>For MSE of Jharkhand:</b> Bidder should have the minimum average Annual Turnover of <b>10% of project estimated cost</b> derived from the last three financial years ending on 31.03.2019 on the basis of audited annual accounts for</p>	<p><b>Page 9 &amp; 10 of NIB/Notice Inviting Bid:</b></p> <p><b>6. Turnover Requirement:</b>  <b>For General Bidder:</b> Bidder should have the minimum average Annual Turnover of <b>25% of project estimated cost</b> derived from the last three financial years ending on <b>31.03.2018/31.03.2019</b> on the basis of audited annual accounts for minimum lot size quoted. The bidder submitting the bid for higher nos. of SCSSs will require to have average Annual Turnover in same proportion.</p> <p><b>For MSE of Jharkhand:</b> Bidder should have the minimum average Annual Turnover of <b>10% of project estimated cost</b> derived from the last three financial years ending on <b>31.03.2018/31.03.2019</b> on the basis of audited annual</p>

	<p>minimum lot size quoted. The bidder submitting the bid for higher nos. of SCSSs will require having average Annual Turnover in same higher proportion (<b>10%</b>).</p> <p><b>The certificate should be issued by CA who has performed audit of accounts with UID no. as per the Performa given at Annexure-5</b></p> <p><b>7. Net worth Requirement:</b></p> <p><b>For General Bidder:</b> Bidder should have Positive Net Worth of minimum 10 % of cost of minimum lot size quoted and thereafter in same proportion for higher quantity as on 31.03.2019 on the basis of audited annual accounts.</p> <p><b>For MSE of Jharkhand:</b> Bidder should have Positive Net Worth of minimum 5 % of cost of minimum lot size quoted and thereafter in same proportion for higher quantity as on 31.03.2019 on the basis of audited annual accounts.</p> <p>Net worth certificate should be as per the Performa given at <b>Annexure-6</b></p>	<p>accounts for minimum lot size quoted. The bidder submitting the bid for higher nos. of SCSSs will require to have average Annual Turnover in same proportion.</p> <p><b>The certificate should be issued by CA who has performed audit of accounts with UDIN no. as per the Performa given at Annexure-5</b></p> <p><b>7. Net worth Requirement:</b></p> <p><b>For General Bidder:</b> Bidder should have Positive Net Worth of minimum 10 % of cost of minimum lot size quoted and thereafter in same proportion for higher quantity as on <b>31.03.2018/31.03.2019</b> on the basis of audited annual accounts.</p> <p><b>For MSE of Jharkhand:</b> Bidder should have Positive Net Worth of minimum 5 % of cost of minimum lot size quoted and thereafter in same proportion for higher quantity as on <b>31.03.2018/31.03.2019</b> on the basis of audited annual accounts.</p> <p>Net worth certificate <u>with UDIN no.</u> should be as per the Performa given at <b>Annexure-6</b></p>												
<p><b>Section-4</b></p>	<p><b>Page 15 of NIB/11.6. Technical Details of documents:</b></p> <p>i. Proof of test certificates of Solar Cold Storage System. The test certificate issued before 1<sup>st</sup> April 2014 will lead to outright rejection of the BID</p>	<p><b>Page 15 of NIB/11.6. Technical Details of documents:</b></p> <p>Bidders to submit an undertaking that valid test certificates of Solar Cold Storage System issued from NABL or IECQ accredited Laboratory shall be submitted <b>within 30 days from the date of Technical Bid opening.</b></p>												
<p><b>Section-6</b></p>	<p><b>Page No. 31 of NIB/ Technical Specification:</b></p> <table border="1" data-bbox="325 1247 1178 1404"> <thead> <tr> <th>Sr.</th> <th>Cold-room Specifications</th> <th>Values / Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>External dimensions</td> <td>20' x 8' x 8.5'</td> </tr> </tbody> </table>	Sr.	Cold-room Specifications	Values / Description	1	External dimensions	20' x 8' x 8.5'	<p><b>Page No. 31 of NIB/ Technical Specification:</b></p> <table border="1" data-bbox="1207 1247 2018 1404"> <thead> <tr> <th>Sr.</th> <th>Cold-room Specifications</th> <th>Values / Description</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sr.	Cold-room Specifications	Values / Description			
Sr.	Cold-room Specifications	Values / Description												
1	External dimensions	20' x 8' x 8.5'												
Sr.	Cold-room Specifications	Values / Description												

	(L x W x H) in feet	
2	No. of door openings / day	2 opening per 6 hours for 30 sec
15	Product stacking details	On racks (to be provided by supplier)

Sr.	Power Source	Values / Description
2	Size	6 kWp

**Page No. 32 of NIB/ Technical Specification:**

Sr.	Refrigeration System Specifications	Values / Description
2	Evaporator unit	Minimum 2 Nos. of Fans and minimum air through of 750CFM each
3	Refrigerant	R404a/R134a/R22

Section-6	Sr.	Thermal Storage System Specifications	Values / Description
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1	External dimensions (L x W x H) in feet	<b>As per Design (to be approved by JREDA)</b>
2	No. of door openings / day	<b>Deleted</b>
15	Product stacking details	On racks (to be provided by supplier). The frame / racks should be provided to cater sufficient load and maximum capacity utilization of the SCSS. The material shall be powered coated MS/SS.

Sr.	Power Source	Values / Description
2	Size	Minimum <b>7.2 kWp</b> or <b>As per Design</b>

**Page No. 32 of NIB/ Technical Specification:**

Sr.	Refrigeration System Specifications	Values / Description
2	Evaporator unit	Minimum 2 Nos. of Fans and minimum air through of 750CFM each or <b>As per Design (to be approved by JREDA)</b>
3	Refrigerant	R134a/R410a/R407f/R407c / or <b>Equivalent</b>

Sr.	Thermal Storage/ Battery Storage System Specifications	Values / Description
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	4. Heat transfer medium from thermal storage to the evaporator unit of cold storage	Refrigerant (R22/R134a/R404a)	4. Heat transfer medium from thermal storage to the evaporator unit of cold storage	R134a/R410a/R407f/R407c/ <b>Equivalent</b>
	-	-	<b>Addendum</b> Battery Bank	VRLA/T-Gel/LiFePo4 Batteries should be used <b>As per Design.</b>
<b>Annexure 5</b>	<p align="center"><b><u>Annexure-5:Format For Financial Requirement – Annual Turnover</u></b></p> <p align="center"><b><u>NIB No: 11/JREDA/SCSS/19-20</u></b></p> <p align="center">[On the letterhead of Bidding Company]</p> <p>To,</p> <p>The Director, Jharkhand Renewable Energy Development Agency 3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi - 834002</p> <p>Sir,</p> <p>Sub: <b>Design, Supply, Installation, and Testing &amp; Commissioning of Solar Cold Storage unit including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis in the state of</b></p>		<p align="center"><b><u>Annexure-5:Format For Financial Requirement – Annual Turnover</u></b></p> <p align="center"><b><u>NIB No: 11/JREDA/SCSS/19-20</u></b></p> <p align="center">[On the letterhead of Bidding Company]</p> <p>To,</p> <p>The Director, Jharkhand Renewable Energy Development Agency 3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi - 834002</p> <p>Sir,</p> <p>Sub: <b>Design, Supply, Installation, and Testing &amp; Commissioning of Solar Cold Storage unit including five years Comprehensive Maintenance Contract (CMC) on</b></p>	

**Jharkhand.**

Sir,

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	Turn over (in Rupees)
1.	2016-17	
2.	2017-18	
3.	2018-19	
<b>Average Annual Turnover</b>		

**UID No.:** .....

*Authorised Signatory*

*Statutory Auditor*

*(Power of Attorney holder)*

*(Stamp & Signature)*

**Turnkey basis in the state of Jharkhand.**

Sir,

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	Turn over (in Rupees)
1.	2015-16	
2.	2016-17	
3.	2017-18	
4.	2018-19	
<b>Average Annual Turnover</b>		

**UDIN No.:** .....

*Authorised Signatory*

*Statutory Auditor*

*(Power of Attorney holder)*

*(Stamp & Signature)*

**Annexure 6**

**Annexure-6: Format for Financial Requirement - Net Worth Certificate**

**NIB No: 11/JREDA/SCSS/19-20**

**Annexure-6: Format for Financial Requirement - Net Worth Certificate**

**NIB No: 11/JREDA/SCSS/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

Sir,

Sub: **Design, Supply, Installation, and Testing & Commissioning of Solar Cold Storage unit including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis in the state of Jharkhand.**

Sir,

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	
Add: Reserves	

[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

Sir,

Sub: **Design, Supply, Installation, and Testing & Commissioning of Solar Cold Storage unit including five years Comprehensive Maintenance Contract (CMC) on Turnkey basis in the state of Jharkhand.**

Sir,

This is to certify that Net worth of \_\_\_\_\_ {insert the name of Bidding Company}, as on **31<sup>st</sup> March 2018 /31<sup>st</sup> March 2019** is Rs \_\_\_\_\_. The details are appended below.

Particulars	Amount (In Rs.)
Equity Share Capital	

