

**Corrigendum 1:** Request for Proposal (RfP) for Rural Electrification Works of 363 Villages in districts of Chatra, Latehar, Garhwa, Palamu, West Singhbhum, Simdega, Sahibganj, Gumla, Hazaribagh&Pakur in Jharkhand through Solar Photovoltaic Power Plants (Mini/Micro grid) with distribution network & connection to households, along with 5 years CMC, under Decentralized Distributed Generation (DDG) Scheme of DeendayalUpadhyay Gram JyotiYojana (DDUGJY)

RfP No. 14/JREDA/DDG/SPV2016-17; Dated: 27/06/2016

**Date Extension**

<b>S. No.</b>	<b>Section</b>	<b>Original</b>	<b>Read as/Amendment</b>
1.	e-procurement notice	Last date & time for receipt of online bids 20.07.2016 (Wednesday) upto 05:00 PM	Last date & time for receipt of online bids 25.07.2016 (Monday) upto 05:00 PM
2.	e-procurement notice	Submission of original copies of Bid fee & EMD (Offline) 20.07.2016 and 21.07.2016 up to 5.00 P.M.	Submission of original copies of Bid fee & EMD (Offline) 25.07.2016 and 26.07.2016 up to 5.00 P.M
3.	e-procurement notice	Technical Bid Opening Date 22.07.2016 (Friday) at 03:00 PM	Technical Bid Opening Date 27.07.2016 (Wednesday) at 03:00 PM

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S. No.	Clause No.	Page No.	Original Criteria	Read as/Amendment
1.	2.2.1	2	<p><b>Technical eligibility</b>  <b>Technical criteria for Individual firm</b>            The Bidder must have successfully erected, tested and commissioned Generation (including Renewable Energy), Transmission or sub-transmission &amp; Distribution works/ stations in last 7 years as on the scheduled date of bid opening, having at least:</p> <p>a) 80% kW capacity (of generation or transmission/distribution network or operation and maintenance works) stipulated in bid in single completed work; OR</p> <p>b) 50% kW capacity each (of generation or transmission/ distribution network or operation and maintenance works) stipulated in bid in two completed works; OR</p> <p>c) 40% kW capacity each (of generation or transmission/ distribution network or operation and maintenance works) stipulated in bid in three completed works; OR</p> <p>d) Technical experience of erection, testing and commissioning of at least one DDG project, whose generation capacity shall be higher than the maximum of the individual DDG projects covered in the bid. (For example: a bid of DDG projects of 50 kW 2 Nos., 40 kW 5 Nos., 30 kW 5 Nos. projects is floated; individual firm having experience of 50 kW single project can quote for all the 12 projects in the bid, whereas single firm having experience of one No 30 kW project can quote for 5 Nos. 30 kW projects only)</p> <p>And the system so created/ maintained must be in satisfactory operation for at least <b>one (1) year</b> as on date of opening of bid.</p>	<p><b>Technical eligibility</b>  <b>Technical criteria for Individual firm</b>            The Bidder must have successfully erected, tested and commissioned Generation (including Renewable Energy), Transmission or sub-transmission &amp; Distribution works/ stations in last 7 years as on the scheduled date of bid opening, having at least:</p> <p>a) 80% kW capacity (of generation or transmission/distribution network or operation and maintenance works) stipulated in bid in single completed work; OR</p> <p>b) 50% kW capacity each (of generation or transmission/ distribution network or operation and maintenance works) stipulated in bid in two completed works; OR</p> <p>c) 40% kW capacity each (of generation or transmission/ distribution network or operation and maintenance works) stipulated in bid in three completed works; OR</p> <p>d) Technical experience of erection, testing and commissioning of at least one DDG project, whose generation capacity shall be higher than the maximum of the individual DDG projects covered in the bid. (For example: a bid of DDG projects of 50 kW 2 Nos., 40 kW 5 Nos., 30 kW 5 Nos. projects is floated; individual firm having experience of 50 kW single project can quote for all the 12 projects in the bid, whereas single firm having experience of one No 30 kW project can quote for 5 Nos. 30 kW projects only)</p> <p>And the system so created/ maintained must be in satisfactory operation for at least <b>six (6) months</b> as on date of opening of bid.</p>
2.	2.2.2	2	<p><b>Technical criteria for Joint Venture (JV)</b>            Bids may be submitted by joint venture firms (having not more than</p>	<p><b>Technical criteria for Joint Venture (JV)</b>            Bids may be submitted by joint venture firms (having not more than</p>

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			<p>three partners with one partner as a lead partner), wherein:</p> <p>a) All the partners should jointly meet qualification requirements set forth at point (a) or (b) or (c) or (d) of 2.2.1 above; AND</p> <p>b) Successfully erected, tested and commissioned or completed at least single similar works/project in last 7 years as on the date of bid opening:</p> <p>c) A single turnkey contract, having at least 50% of the kW capacity experience as considered in proposed bid by a lead partner; AND</p> <p>d) A single turnkey contract, having at least 30% of the kW capacity considered in proposed bid, by each of remaining partner(s).</p>	<p>three partners with one partner as a lead partner), wherein:</p> <p>a) All the partners must <b>jointly meet the qualification requirements</b> set forth at point (a) or (b) or (c) or (d) of 2.2.1 above; AND</p> <p>b) Successfully erected, tested and commissioned or completed at least single similar works/project in last 7 years as on the date of bid opening:</p> <p>c) A single turnkey contract, having at least 50% of the kW capacity experience as considered in proposed bid by a lead partner; Lead partner of the joint ventures must have technical expertise.</p>
3.	2.3.2	3	<p><b>Commercial Eligibility For Joint Ventures</b></p> <p>a) The Bidder shall meet the following minimum commercial criteria in past 7 years of electrical work of erection, testing and commissioning or of electrical O&amp;M services in Generation, Transmission or sub-transmission &amp; Distribution projects/stations:</p> <p>i. 80% of the estimated amount of the Project in a single completed work; OR</p> <p>ii. 50% of the estimated amount of the Project in two completed works individually; OR</p> <p>iii. 40% of the estimated amount of the Project in three completed works individually.</p> <p>b) The figures for each of the partner of the joint venture shall be added together to determine the Bidder compliance with the minimum qualifying criteria set out; however, in order for a joint venture to qualify, the partner(s) of joint venture must meet the following minimum criterion.</p> <p>i. The lead partner shall meet, not less than 40% of the minimum criterion given in MAAT;</p> <p>ii. Each of the other partner(s) shall meet not less than 25% of the criterion given in MAAT.</p>	<p><b>Commercial Eligibility For Joint Ventures</b></p> <p>a) The Bidder shall meet the following minimum commercial criteria in past 7 years of electrical work of erection, testing and commissioning or of electrical O&amp;M services in Generation, Transmission or sub-transmission &amp; Distribution projects/stations:</p> <p>i. 80% of the estimated amount of the Project in a single completed work; OR</p> <p>ii. 50% of the estimated amount of the Project in two completed works individually; OR</p> <p>iii. 40% of the estimated amount of the Project in three completed works individually.</p> <p>b) The figures for each of the partner of the joint venture shall be added together to determine the Bidder compliance with the minimum qualifying criteria set out. <b>All the partners must jointly meet the qualification requirements set forth at point (a).</b></p> <p>c) For Bidder to qualify for more than one Project, the sum of requirements of individual Projects shall be considered for determination of Qualifying Requirement of the Bidder.</p>

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			<p>c) For Bidder to qualify for more than one Project, the sum of requirements of individual Projects shall be considered for determination of Qualifying Requirement of the Bidder.</p> <p>d) If the Company has formed in last 2 years (i.e. formed after FY13-14), total turnover shall be divided by three and shall be compared with MAAT requirement of the bid. In case, turnover so calculated is more than MAAT requirements, agency shall be commercially accepted for participation in the bidding. However no such relaxation shall be available for Company formed less than 2 years before.</p>	<p>d) If the Company has formed in last 2 years (i.e. formed after FY13-14), total turnover shall be divided by three and shall be compared with MAAT requirement of the bid. In case, turnover so calculated is more than MAAT requirements, agency shall be commercially accepted for participation in the bidding. However no such relaxation shall be available for Company formed less than 2 years before.</p>
4.	3.9.1 (a)	7	Income Tax clearance certificate/PAN Card	Bidder has to submit the copy of <b>PAN card and acknowledgement copy of the Income Tax Return (ITR)</b> for three financial year which has been considered for calculation of Minimum Average Annual Turnover (MAAT).
5.	3.9.1 (b)	7	Sale Tax/VAT clearance certificate.	Bidder has to submit the <b>copy of TIN number</b> only.
6.	3.9.1 (c)	7	Financial Report for the last 5 years (upto 31/3/2015) certified by chartered Accountant	Financial report (Audited Balance sheet with Profit & Loss statement) for the last 5 years certified by chartered Accountant. However bidder may submit Financial report of any <b>three Financial years</b> which has been considered for calculation of MAAT. <b>or</b> Bidder may also submit the copy of Financial report (Audited Balance sheet with Profit & Loss statement) for the last 5 years certified by chartered Accountant i.e. FY 2010-11, 2011-12, 2012-13, 2013-14, 2014-15.
7.	6.55	29	JREDA will not issue any certificate to avail Excise Duty and Concessional Custom Duty (ED & CCD) benefits	JREDA may issue certificate to avail Excise Duty and Concessional Custom Duty (ED & CCD) benefits <b>on request of developer</b> as per norms of Government of India.
8.	10.6.2	40	Three phase PCU/ inverter shall be used with each power plant	Three Phase PCU/inverter shall be used with each power plant system (10kW and/or above) but <b>in case of less than 10KW power plant system single phase inverter shall be used.</b>

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9.	10.6.8	41	The PCU/ inverters should be tested from the MNRE approved test centres / NABL /BIS /IEC accredited testing- calibration laboratories. In case of imported power conditioning units, these should be approved by international test houses.	Less than 10 kW PCU/inverter shall be tested from the MNRE approved test centres/NABL/BIS/IEC accredited testing-calibration laboratories. Incase of imported power conditioning units, these should be approved by international test houses. <b>Only Manufacturer self-certification shall be submitted for PCU/Inverter having capacity 10kW and/or above.</b>																																																																																				
10.	10.10	42	A new Clause shall be added as 10.10.2	The minimum rating of battery voltage (V) and Ah at C/10 rate of discharge of different villages should be as following:- <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>S. No.</th> <th>Capacity of Power Plant (kW)</th> <th>Battery Bank Voltage</th> <th>Battery capacity Ah@7.2VAH/Wp</th> </tr> </thead> <tbody> <tr><td>1.</td><td>1</td><td>48</td><td>150</td></tr> <tr><td>2.</td><td>2</td><td>48</td><td>300</td></tr> <tr><td>3.</td><td>3</td><td>48</td><td>450</td></tr> <tr><td>4.</td><td>4</td><td>48</td><td>600</td></tr> <tr><td>5.</td><td>5</td><td>96</td><td>375</td></tr> <tr><td>6.</td><td>6</td><td>96</td><td>450</td></tr> <tr><td>7.</td><td>7</td><td>96</td><td>525</td></tr> <tr><td>8.</td><td>8</td><td>96</td><td>600</td></tr> <tr><td>9.</td><td>9</td><td>96</td><td>675</td></tr> <tr><td>10.</td><td>10</td><td>120</td><td>600</td></tr> <tr><td>11.</td><td>15</td><td>240</td><td>450</td></tr> <tr><td>12.</td><td>20</td><td>240</td><td>600</td></tr> <tr><td>13.</td><td>25</td><td>240</td><td>750</td></tr> <tr><td>14.</td><td>30</td><td>240</td><td>900</td></tr> <tr><td>15.</td><td>40</td><td>240</td><td>1200</td></tr> <tr><td>16.</td><td>50</td><td>240</td><td>1500</td></tr> <tr><td>17.</td><td>60</td><td>240</td><td>1800</td></tr> <tr><td>18.</td><td>70</td><td>240</td><td>2100</td></tr> <tr><td>19.</td><td>80</td><td>240</td><td>2400</td></tr> <tr><td>20.</td><td>90</td><td>240</td><td>2700</td></tr> </tbody> </table>	S. No.	Capacity of Power Plant (kW)	Battery Bank Voltage	Battery capacity Ah@7.2VAH/Wp	1.	1	48	150	2.	2	48	300	3.	3	48	450	4.	4	48	600	5.	5	96	375	6.	6	96	450	7.	7	96	525	8.	8	96	600	9.	9	96	675	10.	10	120	600	11.	15	240	450	12.	20	240	600	13.	25	240	750	14.	30	240	900	15.	40	240	1200	16.	50	240	1500	17.	60	240	1800	18.	70	240	2100	19.	80	240	2400	20.	90	240	2700
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				21.	100	240	3000
11.	10.24.1 (a)	46	Installation of minimum three (3) domestic light points - using high power factor of 3 nos. LED lamp of 11 watt & one socket point (60W) & one socket point (100 W) thus a total of 193 W upto 200 W will be taken with proper switching arrangement, in every selected house hold of the village with complete fittings of wiring in proper manner within conduit installed on saddle/ casing capping with prior approval of JREDA. In house wiring should be done with Heavy duty wire/ cable. P.V.C. Insulated twisted bright annealed Copper wire of 1.5 Sq. mm (3core) or 2.5 Sq. mm (2core) size	Installation & Supply of minimum three (3) domestic light points <b>along with 3 nos. LED lamps of 11 watt each</b> & Installation of one socket point (60W) & one socket point (100 W) thus a total of 193 W upto 200 W will be taken with proper switching arrangement, in every selected house hold of the village with complete fittings of wiring in proper manner within conduit installed on saddle/ casing capping with prior approval of JREDA. In house wiring should be done with Heavy duty wire/ cable. P.V.C. Insulated twisted bright annealed Copper wire of 1.5 Sq. mm (3core) or 2.5 Sq. mm (2core) size			
12.	10.24.1 (h)	47	Supply, installation & commissioning of required numbers of poles without Street light luminary. The Bidder however will be required to mount the light fixture provided by the beneficiary or the state at no additional cost.	Deleted from RFP document			
13.	10.24.1 (i)	47	Supply, installation & commissioning of required numbers of poles with 18 W LED Street light luminary.	Supply, installation & commissioning of one number of 18 W LED Street light luminary for five households each.			

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#### **Annexure - 4**

(On the letterhead of the Bidder)

#### **Declaration by the Bidder**

Regarding RfP No. : \_\_\_\_\_, Date \_\_\_/06/2016

#### **DECLARATION**

I/We------(hereinafter referred to as the Bidder) being desirous of bidding for the Work under the above mentioned RfP have carefully read and understood the enclosed terms and conditions of the RfP and agreed to abide by them. I / we have carefully noted that any counter condition or additional condition/ deviation put forth by me / us **is liable for summarily rejecting our Bid(s) which shall only be considered with JREDA's terms and conditions.**

I / we do hereby declare that

1. The Bidder is fully aware of local conditions and all the requirements of the RfP documents and agrees with all provisions of the RfP documents. Bidder has quoted for Project(s) after conducting due diligence/ survey of the indicated Project Site(s).
2. The Bidder is capable of executing and completing the Project as required by the RfP;
3. The Bidder accepts all risks and responsibilities directly or indirectly connected with the performance of the Agreement/ Work;
4. The Bidder has no collusion with other Contractor/any employee of JREDA or 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 RfP documents;
6. The Bidder is financially solvent and sound to execute the Project;
7. The Bidder is sufficiently experienced and competent to perform the contract to the satisfaction of JREDA;
8. Bidder is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State & Central Government that may affect the Work, its performance or personnel employed therein.

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9. The Bidder fully meets all the eligibility requirements as specified in the RfP document.
10. The Bidder along with his **vendor fully meets all the technical specification requirement for all the components of the plant** as mention in the RFP document.
11. I/we declare that our Firm/Company or any of our associate firms / **companies has not been black listed or otherwise debarred** for any supply of goods/services or work by the Central Government or any State Governments or any public sector undertakings or any Govt. Company.
12. If this declaration is found to be incorrect or if any RfP condition is found violated by us, then without prejudice to any other action that may be taken, my/our **EMD/ security money may be forfeited in full and the Bid**, to the extent accepted, may be **cancelled**. The decision of JREDA shall be final and binding on all parties in this regard. The signature of our authorized representative is as below.

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal:



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**Annexure 15**

(To be submitted on the letterhead of the Bidder in PDF format along with BOQ)

**Percentage Break up of financial quote**

S. No	Particulars	Break up of financial quote (%)		
		1 to 10 kW	11 to 50 kW	51 kW & Above
a.	Cost in percentage of total Lump sum cost <b>Solar PV Module</b>			
b.	Cost in percentage of total Lump sum cost for <b>PCU/inverter</b>			
c.	Cost in percentage of total Lump sum cost for <b>Battery</b>			
d.	Cost in percentage of total Lump sum cost for design, supply, installation and commissioning of <b>Power Distribution Network</b>			
e.	Cost in percentage of total Lump sum cost for <b>Balance of Plant, Equipment, Civil Material</b> to be supplied			
f.	Cost in percentage of total Lump sum cost for Installation & Erection, Testing and Commission			
g.	Cost in percentage of total Lump sum cost for <b>spare parts for 5 years</b> after commissioning of the systems			
h.	Cost in percentage of total Lump sum cost for providing power in village for <b>5 years including operation &amp; maintenance of DDG power plant, power distribution network &amp; providing power for 6-8 hrs.</b>			
	Total	100%	100%	100%

(Signature of Authorized Signatory)

Name:

Designation:

Company Seal: