

Corrigendum-1

Tender Ref No: TSREDCO/PBDS/SPV-HMWSSB-GCRT/RESCO/10/18-19 Dated: 07.03.2019

S. No	As per Original tender Document	Amendment
1	Page No.05, Tender Schedule: Last date for submission of Hard copies of documents uploaded online: 11.04.2019 at 11.00AM in TSREDCO, D. No. 6-2-910, Visvesvaraya Bhavan, The Institution of Engineers Building, Khairatabad, Hyderabad, 500 004. Telangana State, India	Page No.05, Tender Schedule: Last date for submission of Hard copies of documents uploaded online: 17-04-2019 till 17.00 Hrs at TSREDCO, D. No. 6-2-910, Visvesvaraya Bhavan, The Institution of Engineers Building, Khairatabad, Hyderabad, 500 004. Telangana State, India
2	Page No.11, Bid Information Sheet: Completion /Contract Period: 09 Months from the date of LOA from TSREDCO or HMWSSB	Page No.11, Bid Information Sheet: Completion /Contract Period: shall be read as 09 Months from the date of PPA with HMWSSB
3	Page No.11, Bid Information Sheet: Applicability of E-Reverse Auction and Date: Yes and 18.04.2019 at 15:00 hrs	Page No.11, Bid Information Sheet: Applicability of E-Reverse Auction and Date: Yes and 20.04.2019 at 14:00 hrs onwards
4	Page No.5& 11, Tender Schedule & Bid Information Sheet: Document Sale Date & Timing i.e., Last date & time for downloading NIT/IFB from website: From 08.03.2019 to 08.04.2019	Page No.5& 11, Tender Schedule & Bid Information Sheet: Document Sale Date & Timing i.e., Last date & time for downloading NIT/IFB from website: shall be read as From 08.03.2019 to 15.04.2019
5	Page No.5& 11, Tender Schedule & Bid Information Sheet: Online Bid Submission Period: From 16-03-2019 to 08.04.2019, (up to 14:00 hours IST)	Page No.5& 11, Tender Schedule & Bid Information Sheet: Online Bid Submission Period: shall be read as From 16-03-2019 to 15.04.2019, (up to 14:00 hours IST)
6	Page No.5& 11, Tender Schedule & Bid Information Sheet: Technical bid Opening Date & Time: 08.04.2019 at 15:00 hrs. IST	Page No.5& 11, Tender Schedule & Bid Information Sheet: Technical bid Opening Date & Time: shall be read as 15.04.2019 at 15:00 hrs. IST
7	Page No.5& 11, Tender Schedule & Bid Information Sheet: Financial E-bid Opening Date & Time: 16-04-2019 at 15:00 hrs. IST	Page No.5& 11, Tender Schedule & Bid Information Sheet: Financial E-bid Opening Date & Time: shall be read as 18-04-2019 at 15:00 hrs. IST
8	Page no 9, Section –b, clause 16, To facilitate the bidders, an indicative list of possible..... <i>The PPA shall be executed in the prescribed format attached herewith this RfS document</i>	Page no 9, Section –b, clause 16, Shall be read as To facilitate the bidders, an indicative list of possible..... <i>The PPA shall be executed in the prescribed format. the same will be uploaded shortly on</i>

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		<i>consent of beneficiary organization. TSREDCO will upload PPA at least one week before due date of online bid submission</i>
9	Page no 9, Section –B, clause15, Eligibility conditions set forth.... The RESCO unit rate for 25 years will be arrived based on the cumulative capacity after E- RA. EMD can be submitted by the bidders for the complete 31.12 MWp solar project capacity	Page no 9, Section –B, clause15, Eligibility conditions set forth.... The RESCO unit rate for 25 years will be arrived based on the cumulative capacity after E- RA. EMD can be submitted by the bidders for the complete 31.12 MWp solar project capacity TSREDCO will allow increasing /decreasing the specific site capacity, however the overall capacity should be 31.12 MW DC capacity, the bidders will have to execute minimum 80% of the proposed capacity. If the successful bidder fails to meet this 80% capacity, the Security Deposit of the successful bidder will be forfeited proportionally.
10	Page no 13, Section –B, clause1, sub clause 1.33, “Rooftop Solar PV” shall mean solar PV array/system installed on the flat /inclined roof of the building / elevated platform on metallic or concrete structure minimum 10 feet above ground level / Ground mounted system (in the places where sufficient shadow free rooftop area is not available.) In such instance up to 40% Solar PV array/system capacity can be accommodated on nearby unutilized land subject to the TSREDCO’s approval.	Page no 13, Section –B, clause1, sub clause 1.33, “Rooftop Solar PV” shall mean solar PV array/system installed on the flat /inclined roof of the building only on metallic or RCC concrete structure above ground level no ground mount on the open/ vacant land is permitted.
11	Page no 14, Section –C, clause 1, HMWSSB intend to setup grid interactive solar Rooftop power project on the roofs of Reservoirs, Pump Houses, Water & Sewerage Treatment Plants and office buildings based on Solar PV Crystalline modules. The project activity is to install grid connected solar power projects at various	Page no 14, Section –C, clause 1, HMWSSB intend to setup grid interactive solar Rooftop power project on the roofs of Reservoirs, Pump Houses, Water & Sewerage Treatment Plants and office buildings based on Solar PV Crystalline modules. The project activity is to install grid

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	Locations cumulatively of 31.12 MW. The full power rating of the Solar Rooftop Power Plant shall be 31.12 +0% and -0% MW DC at standard test conditions (STC) of 1000 W/sq meter Irradiance and 25 degrees centigrade. The project is selected to install Crystalline modules which comply with IEC 61215/ IS 14286	connected solar power projects at various Locations cumulatively of 31.12 MW. TSREDCO will allow increasing /decreasing the specific site capacity, however the overall capacity should be 31.12 MW DC capacity, the bidders will have to execute minimum 80% of the proposed capacity. The project is selected to install Crystalline modules which comply with IEC 61215/ IS 14286
12	Page no 14, Section –C, clause 2, If MNRE sanctions achievement linked incentives, same will be passed on to the developer and to that extent the tariff will be reduced for the same ratio from the date of passing on the incentive amount.	Page no 14, Section –C, clause 2, shall be read as The bidder may quote this project without considering the incentive part. However, If the incentive is sanctioned by MNRE, the sanctioned percentage of incentive will pass on to the bidder and bidders will have to reduce the quoted tariff by same percentage proportionally.
13	Page no 15, Section –C, clause 6, All members of the consortium should be registered as a Company only. However, Members of the Consortium may form the Project Company. Bidder including its member of the consortium can submit one bid only under Part A for each Category. Similarly, Bidder including its member of the consortium can submit one bid only under Part B for each Category	Page no 15, Section –C, clause 6, All members of the consortium should be registered as a Company only. However, in the consortium the lead bidder should have 51% share in the parent company or SPV
14	Page no 16, Section –C, clause 11, The bidder shall pay 20 paisa /unit to TSREDCO throughout 25years out of the bided tariff towards project monitoring and coordination charges.	Page no 16, Section –C, clause 11, TSREDCO fee revised to5% of quoted levelized tariff
15	Page no 18, Section –C, clause 16.b, The bidder having financial turnover of minimum INR 350 Crores for min. 2 years in the last 3 financial years	Page no 18, Section –C, clause 16.b, The bidder having annual financial turnover of minimum INR 150 Crores for min. 2 years in the last 3 financial years or Net worth equal to INR 150 Crores
16	Page no 18, Section –C, clause 16.c,	Page no 18, Section –C, clause 16.c,

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	The bidder or his consortium member should have experience of implementation of 2MWp capacity solar rooftop project anywhere in India	The bidder or his consortium member should have experience of implementation of 2MWp cumulative capacity solar rooftop project anywhere in India
17	Page no 18, Section –C, clause 18 a, Within 7 days of receipt of the Letter of Acceptance, the Successful Bidder shall deliver to the Employer a Performance Security as mentioned in Bid information sheet	Page no 18, Section –C, clause 18 a, Shall be read as Within 30 days of receipt of the Letter of Acceptance, the Successful Bidder shall deliver to the Employer a Performance Security as mentioned in Bid information sheet
17	Page no 21, Section –D, clause 1, Scope of Supply & Work includes Design, Engineering, Manufacture, Procurement & Supply of equipment and materials; testing at manufacturers works, inspection, packing and forwarding, unloading at site, associated civil works, services, permits, installation and incidentals, erection, testing and commissioning of 1-1000kWp various capacities of Grid tied Solar PV Power Plants with associated equipments and materials under Net- metering Scheme & RESCO Mode, on turnkey basis at Various Govt. Buildings in Telangana State. The equipment and materials for 1-1000kWp Grid tied Solar PV Power Plants with associated system shall include but not be limited to the Design, Supply, Erection, and Testing & Commissioning of the following equipment's and sub-systems:	Page no 21, Section –D, clause 1, Scope of Supply & Work includes Design, Engineering, Manufacture, Procurement & Supply of equipment and materials; testing at manufacturers works, inspection, packing and forwarding, unloading at site, associated civil works, services, permits, installation and incidentals, erection, testing and commissioning of 31.12 MWp of Grid tied Solar PV Power Plants with associated equipment and materials under Net- metering Scheme through RESCO Mode, on turnkey basis at Various locations of HMWS&SB on pump houses, reservoirs, Buildings and STP's / WTP's. The equipment and materials for 31.12 MWp Grid tied Solar PV Power Plants with associated system shall include but not be limited to the Design, Supply, Erection, and Testing & Commissioning of the following equipment's and sub-systems:
18	Page no 22, Section –D, clause 2, The sealing limit of levelized tariff for 25 years is fixed at INR 3 / kWp. The bidders should not quote above the sealing limit. If quoted the bid will be treated as non responsive and the EMD will be forfeited	Page no 22, Section –D, clause 2, There will be cap of Rs.3/ kWh on the tariff to be quoted by the bidders. However if bidders quote above the cap of Rs.3/ kWh the bids are treated as non responsive. The EMD for non responsive bids will not be forfeited. In this case TSREDCO Decision is final. TSREDCO will have the right to

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		accept or cancel the tender without assigning any reason.
19	<p>Page no 28, Section –E,</p> <p>The proposed projects shall be commissioned as per the technical specifications given below. Any shortcomings will lead to cancelation of CPD and tender in full or part as decided by TSREDCO and the RESCO agreement will be terminated. Competent Authority's decision will be final and binding on the bidder.</p>	<p>Page no 28, Section –E, shall be read as</p> <p>“The proposed projects shall be commissioned as per the technical specifications given below. However, the bidders are allowed to optimize the design & Engineering the plants in accordance with minimum generation guaranty of 1500 kWh / annum/ kWp or With Min Performance Ratio guarantee of 76%.</p>
20	<p>Page no 28, Section –E, clause 1.2 C</p> <p>Protective devices against surges at the PV module shall be provided. Low voltage drop bypass diodes shall be provided.</p>	<p>Page no 28, Section –E, clause 1.2 C</p> <p>Protective devices against surges at the PV module/ inverter shall be provided. Low voltage drop bypass diodes shall be provided.</p>
21	<p>Page no 35, Section –E, clause 7, sub clause XVIII</p> <p>Remote Monitoring and data acquisition from ranging of 1kWp through Remote Monitoring System software at the Beneficiary department/TSREDCO location with latest software/hardware configuration and service connectivity for online / real time data monitoring/control complete to be supplied and operation and maintenance/control to be ensured by the supplier. Provision for interfacing these data on TSREDCO server and portal in future shall be kept.</p>	<p>Page no 35, Section –E, clause 7, sub clause XVIII</p> <p>Online monitoring of SCADA should be provided at TSREDCO/HMWS&SB office and provide a Laptop or Desktop</p>
22	<p>Page no 35, Section –E, clause 8,</p> <p>Multi Strand, Annealed high conductivity copper conductor PVC type 'A' pressure extruded insulation or XLPE insulation. Overall PVC/XLPE insulation for UV protection Armored cable for underground laying. All cable trays including covers to be provided. All cables conform to latest edition of IEC/ equivalent BIS Standards as specified below: BoS item / component Standard. Description Standard Number Cables General Test and Measuring Methods, PVC/XLPE insulated cables for working Voltage up to and including 1100 V ,UV resistant for outdoor installation IS /IEC 69947</p>	<p>Page no 35, Section –E, clause 8,</p> <p>Multi Strand, Annealed high conductivity copper or aluminium conductor PVC type 'A' pressure extruded insulation or XLPE insulation.</p>

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23	<p>Page No 22, Section –D, Clause 4,</p> <p>The successful bidder shall be required..... Minimum CUF of 15% should be maintained for a period of 5 years for fulfilling one of the conditions for release of PBG. The bidder should send the periodic plant output details to TSREDCO for ensuring the CUF. The PR will be measured at Inverter output level during peak radiation conditions.</p>	<p>Page No 22, Section –D, Clause 4, shall read as</p> <p>The bidders are allowed to design the plants in accordance with minimum generation guaranty of 1500 kWh / annum/ kWp or With Min Performance Ratio guarantee of 76%.</p>
24	<p>Annexure II</p> <p>List of HMWS&SB Project at various locations of Office Buildings, Pump House and Reservoir & Sewage Treatment Plants</p>	<p>Annexure II shall be read as Updated List of proposed HMWS&SB Solar rooftop Projects at various locations of Office Buildings, Pump Houses and Reservoirs & water /Sewerage Treatment Plants</p>

**SD/-
VC & MD
TSREDCO**