



KERALA STATE ELECTRICITY BOARD LIMITED

Incorporated under the Companies Act, 1956 CIN :U40100KL2011SGC027424

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram-695004, Kerala.

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ABSTRACT

Inviting new tender for empanelment of EPC contractors for Roof Top Solar plants in Soura Phase – II subsidy project - Approved- Orders Issued

CORPORATE OFFICE (SBU- G/E)

BO(DB) No.132(A) /2021 (Soura/Phase II- Subsidy-New Tender/2020-21),Tvpm dtd 15.2.2021

Read: 1. Note No. Soura/Phase II- Subsidy- New Tender/2020-21/544 dated 5.2.2021 of the Chairman and Managing Director, KSEB Ltd

2. Proceedings of the 57th meeting of the Board of Directors held on 15.2.2021 vide Agenda Item No.14-2/2021

ORDER

MNRE launched the Phase II Grid connected Roof Top Solar subsidy programme for domestic sector towards achieving cumulative capacity of 40 GW from Roof Top Solar (RTS) project by the year 2022. The Chairman and Managing Director, KSEBL informed that MNRE has allocated to KSEBL, 50 MW for the year 2019-20 and 200 MW for the year 2020-21 in Phase II grid connected Roof Top Solar plants subsidy scheme. It was also reported that participation in the tender for empanelment of EPC contractors for Soura Phase II subsidy scheme was very poor due to the stringent tender clauses. In order to attract sufficient developers, modifications in the tender clauses without violating MNRE conditions were found necessary. The proposal for modification in the tender documents for empanelment of EPC contractors was placed before the Board of directors as per note read as 1st above.

The Board of Directors considered the matter in its meeting held on 15.2.2021 and resolved to incorporate the changes proposed 1 to 10 below in the new tender to be invited for empanelment of firms in Soura Phase II subsidy scheme for installation of Roof Top Solar plants, towards new allocation received from MNRE for the year 2020-21 and insufficient offer for 2 and 3 kW plants received in the earlier tender.

Sl No	Existing Clause	Modified Clause
1(i)	<p>Financial Criteria</p> <p>For all category,</p> <p>The Annual turnover of Rs 1 Cr/ MWp for 3 financial years in the last 5 financial years</p>	<p>Based on the developers' financial and technical capacity three categories as below are introduced.</p> <p>(i) 1kW / 2 kW/ 3 kW plant requisitions and quoting upto 2 MW capacity - Cumulative turnover of Rs.1 crore in three years in the last five years immediately preceding bid opening date and in any one of the three years should have atleast Rs.50 lakhs turnover. The networth shall be positive in atleast two years during the three years taken for the cumulative turnover.</p> <p>(ii) 1kW / 2 kW / 3 kW plant requisitions and quoting upto 5 MW capacity - Cumulative turnover of Rs.2.5 crores in three years in the last five years immediately preceding bid opening date and in any one of the three years should have atleast Rs.1 crore turnover . The networth shall be positive in atleast two years during the three years taken for the cumulative turnover.</p> <p>(iii) 1kW / 2 kW/ 3 kW plant requisitions quoting above 5 MW capacity / 4-10 kW/ 11-100 kW / 101-500 kW plant requisitions - Annual turnover of Rupees 50 lakhs per quoted MWp per year for three financial years in the last 5 financial years immediately preceding the bid opening date and the firms shall have positive networth during the three financial years preceding the bid opening date.</p>
(ii)	<p>For companies incorporated within the last 3 financial years, the net worth shall be equal to or greater than Rs. 0.75 Cr per MWp</p>	<p>For companies incorporated within the last 3 financial years, the net worth shall be equal to or greater than Rs. 0.50 Cr per MWp or part thereof.</p>
(iii)	<p>Solvency certificate for Rs. 1.5 Cr/MWp.</p>	<p>For 1kW / 2 kW/ 3 kW plant requisitions and quoting upto 2 MW- Solvency Certificate</p>

		<p>exempted.</p> <p>For quoting above 2 MW – No change in tender condition</p>
(iv)	<p>Startups and ANERT empanelled contractors and quoting for minimum capacity upto 10 kWp plants.- Annual turnover of Rs 0.5 Cr /quoted MWp for three financial years in the last 5 financial years.</p> <p>Solvency certificate for Rs.1.5 Cr / MWp.</p>	<p>For startups quoting in 1kW / 2 kW/ 3 kW plant requisitions and upto 1 MW capacity</p> <p>(i) Cumulative turnover of Rupees 25 lakhs in three years in the last five years</p> <p>(ii) Solvency Certificate exempted.</p> <p>If the startup firms are quoting above 1 MW, the other conditions as above shall be applicable.</p>
2(i)	<p>Technical Criteria</p> <p>3 MWp capacity or 50% of quoted capacity whichever is higher</p>	<p>For 1kW / 2 kW/ 3 kW plant requisitions and quoting upto 5 MW capacity – For quoting minimum capacity in any of the requisitions minimum experience of 250 kW.</p> <p>For quoting above minimum capacity or in multiple requisitions the experience at the rate of 500 kWp per quoted MWp or part thereof is required.</p> <p>For 1kW / 2 kW/ 3 kW plant requisitions quoting above 5 MW capacity / 4-10 kW/ 11-100 kW / 101-500 kW plant requisitions – No change</p>
(ii)	<p>Startups & ANERT empanelled solar PV contractors quoting for minimum capacity in Parts upto 10 kWp experience required is 1 MWp. For quoting for minimum bid capacity of 250 kW in Part A(1 kWp) alone , experience</p>	<p>Startups</p> <p>For 1 kW / 2 kW/ 3 kW plant requisitions and quoting upto 500 kW capacity – 250 kW experience</p> <p>For startup firms quoting above 500 kW, the general conditions shall be applicable.</p>

	of 250 kWp is required.	
(iii)	The plants should have been commissioned at least six months prior to non-financial bid opening	Total experience upto 31.12.2020 will be considered
3	<i>Upper ceiling price</i> Limited to MNRE benchmark rates for 2020-21	The tender shall be invited without upper ceiling rates.
4	EPC Annuity Payout for Model I (KSEBL Cost sharing model) For Model I, 2/3 rd of the plant cost will be released upon commissioning of plant and 1/3 rd payment as Annuity payout for 7 years	For Model I plants, 100% payment will be released upon commissioning of plant subject to receipt of CFA funds.
5	Payment Terms For Model II, 100% payment upon commissioning of plant subject to receipt of CFA funds.	For Model II (consumer plant) the consumer share will be paid upon commissioning of the plant directly to the contractor and based on clearance letter issued by KSEBL and CFA amount will be paid by KSEBL subject to receipt of CFA funds.”
6	Empanelment Bank Guarantee 10 lakhs	For 1kW / 2 kW/ 3 kW plant requisitions and quoting upto 2 MW capacity – Rs.5 lakhs No change for other categories
7	Technical Offer and Approved Material List The technical specifications and GTP is considered for pre-qualification along with PQ criteria of the bidder.	The Technical Committee (Soura Project) will examine the material specifications, test certificates and other connected documents of the firms selected by PQ committee. Opening of financial bids will be based on qualifying the PQ criteria and only firms offering materials approved by the Technical Committee will be considered.

8	Rate for new technologies NIL	The rate for new technologies like MonoPERC, PolyPERC solar PV panels etc with DCR (Domestic Content Requirement) may be obtained as additional cost per watt above the base rate subject to a maximum of Rs.3000 per kW.
9	No of members in consortium Maximum of 3	Increased upto five for developers registered in Kerala. No change for other category of bidders.
10	Minimum Bid Offer capacity Part-B: 2 kWp - 0.5 MWp Part-C: 3 kWp - 0.5 MWp Part-D:4-10 kWp - 1 MWp	Part-B: 2 kWp - 0.25 MWp Part-C: 3 kWp - 0.25 MWp Part-D: 4-10 kWp - 0.5 MWp

Orders are issued accordingly.

By order of the Director Board,

Sd/-

LEKHA G

Company Secretary - in charge

To

The State Nodal Officer, Soura Project.

Copy To

1. The Financial Advisor/Chief Internal Auditor/LA&DEO
2. TA to the Chairman & Managing Director
3. TA to the Director (P & S)
4. TA to the Director (D, IT & HRM)
5. TA to the Director (T & SO)
6. TA to the Director (Generation-Ele & SCM)
7. TA to the Director (Generation - Civil)
8. PA to the Director (Finance)/Company Secretary
9. The Fair Copy Superintendent, Board Secretariat, Library

FORWARDED BY ORDER

Deepak

ASSISTANT EXECUTIVE ENGINEER