

## E-Tender - Notice Inviting Tender

**Tender No. 1/SOURA 200MWp/2019-20      DATED: 5.9.2019**

**State Nodal Officer, "SOURA" Project, KSEB LTD.,** invites competitive bids for empanelment of EPC Contractors and Developers on **EPC and Tariff basis** for the design, supply, installation, testing and commissioning of Grid Tied Rooftop/Ground mounted (within consumer premise) Solar PV Power plants (and supply of power for 25 years in case of tariff basis) **under Part-A, Part-B and Part-C**, aggregating to 200MWp (50 MWp under EPC and 150MWp under Tariff basis) at identified locations in Kerala during 2019-20, including Operation & Maintenance of the plant as per the scope of the work specified under clause 2.2.2 of this tender document.

<p align="center"><b>Name of Work</b></p>	<p><b>EPC basis:</b> Design, supply, installation, testing and commissioning of Grid Tied Rooftop/Ground mounted (within consumer premise) Solar PV Power plants :</p> <p><b>Part-A: &lt;=10kWp</b>  <b>Part-B: 11-100 kWp</b>  <b>Part-C: &gt;100kWp</b></p> <p><b>Tariff basis:</b> Design, supply, installation, testing and commissioning of Grid Tied Rooftop/Ground mounted (within consumer premise) Solar PV Power plants and supply of power from these plants for 25 years.</p> <p><b>Part-A: &lt;=10kWp</b>  <b>Part-B: 11-100 kWp</b>  <b>Part-C : &gt;100kWp</b></p> <p>The scope of work also includes Operation &amp; Maintenance of the plant as per clause 2.2.2 of this tender document.</p>												
<p align="center"><b>Bid Capacity</b></p>	<p><b>EPC Basis:</b> Bids are invited under EPC basis for the whole State under Part-A, Part-B and Part-C with minimum and maximum capacities as follows. The bidders can quote for Part-A/Part-B/Part-C or in combinations.</p> <table border="1" data-bbox="613 1285 1377 1528"> <thead> <tr> <th>Capacity range</th> <th>Minimum Capacity (MWp)</th> <th>Maximum Capacity (MWp)</th> </tr> </thead> <tbody> <tr> <td>Part-A: &lt;=10kWp</td> <td align="center">5</td> <td align="center">30</td> </tr> <tr> <td>Part-B: 11-100kWp</td> <td align="center">5</td> <td align="center">12.5</td> </tr> <tr> <td>Part-C: &gt;100kWp</td> <td align="center">5</td> <td align="center">7.5</td> </tr> </tbody> </table> <p>The minimum bid capacity is 5MWp and maximum bid capacity (combined capacity of all range) under EPC basis is 50MWp.</p> <p><b>Tariff basis:</b> For Tariff based bidding under Part-A and Part-B, the whole State is divided into regions and each region comprises of 3 to 4 revenue districts as defined under clause 2.2.2 of this document. Part-A bids are invited separately for the 4 regions. For Part-B, two bids are invited – one bid for Region 1 and Region 2 combined and second bid for Region 3 and Region 4 combined. Part-C bids are invited for the whole State with no regional segregation.</p>	Capacity range	Minimum Capacity (MWp)	Maximum Capacity (MWp)	Part-A: <=10kWp	5	30	Part-B: 11-100kWp	5	12.5	Part-C: >100kWp	5	7.5
Capacity range	Minimum Capacity (MWp)	Maximum Capacity (MWp)											
Part-A: <=10kWp	5	30											
Part-B: 11-100kWp	5	12.5											
Part-C: >100kWp	5	7.5											

	Capacity range	Minimum/ Maximum Capacity (MWp)	Region 1	Region 2	Region 3	Region 4
			Part-A: <=10kWp	Min	5	5
	Max	20	28	25	17	
Part-B: 11-100kWp	Min	5		5		
	Max	20		20		
Part-C: >100kWp	Min	5				
	Max	20				

**Bidders quoting under Part-B or Part-C have to mandatorily quote under Part-A at least 25% of their quoted capacity under Part-B and Part-C. Otherwise such bids shall be treated as non responsive.** Bidders can bid for Part-A alone also.

Minimum bid capacity shall be 5MWp and Maximum bid capacity (combined bid capacity under Part-A/Part-B/Part-C for all the regions) under Tariff basis shall be 150MWp.

**The bidders have the option to quote on EPC or tariff basis or both.** The bidders will be selected based on e-reverse bidding followed by e-reverse auction and L-1 matching. Bucket filling by matching at L-1 rate may be adopted, if required quantum is not obtained.

**EPC basis :**The upper ceiling rate in e-reverse bidding including 2 years O&M from CoD and inclusive of all taxes are as follows:  
 Part-A: <= 10kWp : Rs. 51,500/kWp  
 Part-B: 11 - 100kWp :Rs. 45,500/kWp  
 Part-C: >100 kWp :Rs. 42,500/kWp  
 The bidder at his discretion may quote O&M charges of solar PV plants for the period from 3<sup>rd</sup> year onwards.

**Tariff basis :** The Upper ceiling rate of tariff including 25years O&M is as follows:  
 Part-A: <= 10kWp : Rs. 3.70/unit  
 Part-B: 11 - 100kWp :Rs. 3.35/ unit  
 Part-C: >100 kWp :Rs. 3.20 / unit

<b>Date of publishing bid documents</b>	6.09.2019; at 03.00 pm
<b>Last date of receiving queries</b>	18.09.2019; 05.00 pm
<b>Pre-bid meeting</b>	19.09.2019; at New Delhi 5.10.2019; at Thiruvananthapuram Venue and time of the meeting will be published in the website
<b>Start date of bid submission</b>	1.10.2019; 10.00 am

<b>Date of publication of clarifications on queries</b>	10.10.2019; 5.00 pm
<b>Last Date &amp; Time of online Submission of Bid document</b>	16.10.2019; 3.00 pm
<b>Deadline for submission of Hardcopies of Attachments to the Office of the tendering authority</b>	21.10.2019; 10:30 am
<b>Opening of nonfinancial Bids (cover 1 &amp; 2)</b>	21.10.2019; 11.00am
<b>Earnest Money Deposit</b>	Rs. 100/- (Rupees Hundred) per kWp subject to maximum of Rs.2Crore. Separate EMD as above shall be furnished by bidders quoting under EPC and tariff basis subject to maximum of Rs.2Crore for the entire bid.
<b>Tender cost</b>	Rs.17,700.00/- (Including GST) shall be remitted online to <b>Account No 57065480104</b> of State Bank of India, KSEBL Administration Complex, Vydyuthi Bhavanam, Pattom , Thiruvananthapuram – 695004
<b>e-tender Platform fee(Transaction Fee)</b>	Rs.20,000/- plus GST for each event (EPC/Tariff)
<b>Opening of financial bids (cover 3)</b>	21.11.2019; 11.00 am
<b>E-reverse auction timelines</b>	E-Reverse auction start: 21.11.2019; 1.00pm Close of e-reverse auction: [180 minutes from the start of e-Reverse Auction subject to Auto Extension as applicable]
<b>L-1 matching process</b>	At the close of the e-Reverse Auction, there will be an L-1 Matching Round for 30 minutes.
<b>Bucket filling process</b>	In case the requisitioned quantum is not obtained after L1 matching, the buyer reserves the right to go for bucket filling through matching at L-1 rate for obtaining the requisitioned quantum.
<b>Publishing of empanelled list</b>	26.11.2019
<b>Issue of letter of Award</b>	02.12.2019
<b>Execution of Contract Agreement/PPA</b>	20.12.2019
<b>Time of Completion</b>	As per the timelines specified under clause 2.2.2.3 of this tender document.

The tender document can be downloaded from the website [www.kseb.in/](http://www.kseb.in/) [www.sourakseb.in/](http://www.sourakseb.in/) [www.mstcecommerce.com](http://www.mstcecommerce.com) from 3.00 PM on 06.09.2019. A non-refundable tender cost of Rs. 17,700/- shall be remitted to the account number given in the remittance form provided by the e-procurement system for this particular tender. Only INTERNET BANKING remittance is allowed for tender cost. No other mode of payment is allowed. EMD has to be submitted as BG in the prescribed format. The necessary non-refundable fee for e-tender platform has to be remitted by the bidder. Bidders are advised to visit the "Bidders Guide" and "Notifications" section of website [www.mstcecommerce.com](http://www.mstcecommerce.com) and [www.sourakseb.in](http://www.sourakseb.in) also. The NEFT facility for the online payment may be exercised at least 48 hours before the closing date of bid to ensure that the payment towards tender cost is credited and a confirmation is reflected in e-procurement system.

**All the Tender documents are to be submitted online only and in the designated covers on the above website and no manual submission will be entertained.** The pre-qualification/non-financial bid shall be opened online at the office of the State Nodal Officer, 'SOURA' on the date and time mentioned above in the presence of the bidders/ their representatives who wish to attend. All other existing conditions related to the tenders of KSEB Ltd will be applicable to this tender also. The tender details will also be available in the office of the 'State Nodal Officer', 'SOURA' Project, KSEB Ltd./'[www.sourakseb.in/](http://www.sourakseb.in/)'/[www.kseb.in/](http://www.kseb.in/)'. The bid shall be valid for **6 months** reckoned from the date of opening of financial bid. O&M price bids of successful bidders shall be valid for 30 months from the opening of financial bid. No queries will be entertained after the pre bid meeting. No correspondence would be made with the bidders once the bid is submitted. The bidder shall familiarize with the terrain conditions of the region before submitting the bid preferably before the pre bid meeting. The decision taken by the State Nodal Officer, 'SOURA' Project, KSEB Ltd. shall be final. Bidders should have a **Class III or above Digital Signature Certificate (DSC)** to be procured from any Registration Authorities (RA) under the Certifying Agency of India. Details of RAs will be available on [www.cca.gov.in](http://www.cca.gov.in). Once, the DSC is obtained, bidders have to register on website using the link <https://www.mstcecommerce.com/auctionhome/renergy/index.jsp> for participating in this tender. Website registration is a one-time process with transaction fee as specified in NIT. Bidders have to procure DSC at their own cost. Bidders may contact e-Procurement support desk of MSTC Limited over telephone at 033-22901004 / 0471-2529137 or through email: [mstctvm@mstcindia.co.in](mailto:mstctvm@mstcindia.co.in) for assistance in this regard. More information given elaborately under Part 2 of 2.7 Instruction to bidders for submission of online bids in e-tender and e-reverse auction.

Further details can be had from the (State Nodal Officer, 'SOURA' Project, KSEB LTD.).

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Sd/-

STATE NODAL OFFICER  
SOURA PROJECT, KSEB Ltd.