



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956) CIN :U40100KL2011SGC027424
Registered Office: Vydyuthi Bhavanam, Pattom, Thiruvananthapuram-695004, Kerala.
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ABSTRACT

Soura Phase II Subsidy Project – Empanelment of contractors - Approved- Order Issued

CORPORATE OFFICE (SOURA)

BO(FTD) No. **686/2020** (Soura/Tender/4/SOURA-Subsidy-Domestic/2020-21)/Tvpdm dt 9.11.2020

- Read :**
1. BO(DB) No.557/2020 (Soura/Phase II- Subsidy- Retender/2020-21) Tvpdm dated 3.9.2020
 2. Tender No.4 /Soura-Subsidy-Domestic/2020-21 dated 7.9.2020 of the State Nodal Officer, Soura Project.
 3. Note No. Soura/Tender/4/Soura-Subsidy-Domestic/2020-21/320 dated 27.10.2020 of the State Nodal Officer, Soura Project

ORDER

The Soura Subsidy scheme is in line with the MNRE subsidy scheme for domestic consumers wherein subsidy is granted by the Ministry for roof top solar plants. The State DISCOMS are designated as the implementing agency in the scheme and hence the domestic consumers of KSEB Ltd can avail the MNRE subsidy through the Phase – II subsidy programme. The Government of Kerala has sanctioned Kerala Model (2 ,3 kWp plants only) also for the subsidy scheme wherein the part of the cost towards plant shall be shared by KSEBL further lowering the investment by the consumer.

Based on the Board Order read as 1st above the State Nodal Officer, Soura Project was authorised to invite tender for the Phase – II, Soura Project for 150 MW for empanelment of contractors for the Soura Subsidy scheme during the financial years 2019-20 and 2020-21 .The tender is for empanelment of firms for Subsidy Project and selection of contractors from the empanelment list for installing RTS plants at their roof top will be done by the consumers.

The tender was floated on 8.9.2020 in the online portal of M/s MSTC Limited. The Notice Inviting Tender was published in leading dailies viz Malayala Manorama, Desabhimani, New Indian Express and Indian Express.

The NIT and tender document were also published in the KSEBL website.

The bid is invited on reverse bidding basis with ceiling prices as mentioned below. The upper ceiling prices are based on MNRE benchmark rates for 2020-21. The Probable Amount of Contract is Rs.600 crores.

The tender has been floated in the following Parts/Capacity Ranges.

Part / Capacity range	Minimum Capacity to be quoted (MWp)	Maximum Capacity to be quoted (MWp)	Upper Ceiling Price (Rs)
Part-A: 1kWp	0.25	150	Rs.47,000/-
Part-B: 2kWp	0.5		Rs.43,000/-
Part-C: 3kWp	0.5		Rs.42,000/-
Part-D: 4-10 kWp	1		Rs.41,000/-
Part-E: 11-100 kWp	1		Rs.38,000/-
Part-F: 101-500 kWp	1		Rs.36,000/-

As per schedule of NIT, the Non financial bids were opened on 25.9.2020 and the details of firms participated in the tender and quantity offered is tabulated below.

Name of firms	Quantity Offered (MWp) in various parts						Total Qty Offered (MWp)
	A (1kWp)	B (2kWp)	C (3kWp)	D (4-10 kWp)	E (11-100 kWp)	F(Above 100kWp)	
Hive Solar				1			1
Kondaas Automation Pvt Ltd	0.25	1	3	6.75	1		12
Refex Energy Limited		0.5	1.5	29	10	5	46
TOTAL	0.25	1.5	4.5	36.75	11	5	59 MWp

The Pre-Qualification Committee for Soura Project held on 9.10.2020 decided to Pre-qualify the following firms participated in Tender No. 4/Soura-Subsidy-Domestic/2020-21 dated 7.9.2020 for quantities noted below.

1. M/s **HIVE SOLAR**;
Part D(4-10 kWp plants) - 1 MW;
Total - 1 MW (Offered quantity - 1 MW)

2. M/s **KONDAAS Automation Pvt Ltd** -
 Part B (2 kWp plant) - 1 MW,
 Part C(3 kWp plant) - 3 MW,
 Part D(4-10 kWp plants) -6.75 MW
 Part E (11-100 kWp plants) - 1 MW ;
Total - 11.75 MW (Offered quantity - 12 MW)

3. M/s **Refex Energy Limited**-
 Part B (2 kWp plant) - 0.5 MW,
 Part C(3 kWp plant) - 1.5 MW,
 Part D(4-10 kWp plants) - 29 MW
 Part E(11-100 kWp plants) - 10 MW;
Total - 41 MW (Offered quantity - 46 MW)

In Part A (1 kW plants) and Part F(101-500 kWp) of the tender, there is only single offer received. Hence offer for these requisitions may not be considered and may be re-tendered later after assessing quantity for which registration is received from the consumers.

Price Bids

The price bids were opened on 12.10.2020.

The offered rates are tabulated below.

Name of firm	PART B	PART C	PART D	PART E
Hive Solar			40,900.00	
Kondaas Automation Pvt Ltd	43,000.00	41,998.00	40,999.00	37,998.99
Refex Energy Limited	42,999.00	41,999.00	40,999.00	37,999.00

After opening of price bids online, e-Reverse Auction was conducted , however the firms did not the lower the rates further from the initial price offer during the Reverse Auction.

As per the guideline of MNRE on the subsidy scheme and tender condition, the contractors were requested to match the L1 rate offered in the respective requisitions. The firms other than L1, agreed to match the L1 rates, based on request of KSEBL.

In Model I (Kerala Model), KSEBL has to invest part of the plant cost excluding MNRE Subsidy amount and consumer share, based on the Model (Model IA/ IB/IC) selected by the consumer. Also in this model, 33.33 % payment to the contractor will be paid

over seven years as Annuity payouts. The contractor shall undertake O & M of the plant for the entire payout period.

Model	Cost sharing (%)				Energy Share to consumer (%)
	Consumer	Subsidy	KSEBL	Developer	
IA	12	40	14.67	33.33	25
IB	20	40	6.67	33.33	40
IC	25	40	1.67	33.33	50

In Model I scheme , 2600 consumers for a total capacity 6.8 MW is registered till date. Based on the registration pattern, KSEBL's investment would be around Rs. **5 crores** for the Kerala Models when the consumer registration completes for 50 MW allocated capacity. The budget provision has been made for the amount in the Annual Plan 2020-21.

In Model II (MNRE Model) scheme the whole investment is met through the consumer and MNRE subsidy amount.

The matter was placed before the Full Time Directors as per the note read 3 of the State Nodal Officer, Soura Project .

Having considered the matter the Full Time Directors in its meeting held on 28.10.2020 through circular resolution decided to authorize the State Nodal Officer, Soura Project to proceed with the empanelment process for Soura Phase – II subsidy scheme with the following developers and at the following All – Inclusive Rates per kWp.

1. Part B (2 kWp RTS plant) – Rs. **42,999.00**

(i) M/s Kondaas Automation Pvt Ltd

(ii) M/s Reflex Energy Limited

2. Part C (3 kWp RTS plant) - Rs. **41,998.00**

(i) M/s Kondaas Automation Pvt Ltd

(ii) M/s Reflex Energy Limited

3. Part D (4-10 kWp RTS plants) - Rs. **40,900.00**

- (i) M/s Hive Solar
- (ii) M/s Kondaas Automation Pvt Ltd
- (iii) M/s Refex Energy Limited

4. Part E (11-100 kWp RTS plants) - Rs. **37,998.99**

- (i) M/s Kondaas Automation Pvt Ltd
- (ii) M/s Refex Energy Limited

Orders are issued accordingly.

By order of the Full Time Directors,

Sd/-

LEKHA G

Company Secretary - in charge

To

The State Nodal Officer, Soura Project.

Copy To

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

FORWARDED BY ORDER

Deepak

ASSISTANT EXECUTIVE ENGINEER