



## KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram -695004

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### Abstract

Valanthode SHE Project (7.50 MW) – Requirement of land for the project components –Land Acquisition of 3.5496 Ha of patta land - Sanctioned - Orders issued.

### CORPORATE OFFICE (SBU-G/C)

B.O(FTD) No 358 /2020 (DGC/AEE VI/VSHEP /2015) Thiruvananthapuram, Dated 28 .05.2020

- Read:
1. B.O (DB) No.1023 /2015 (DGC/AEEVI/VSHEP/2014) dtd. 28.04.2015
  2. G.O (Rt) No. 115/2015/PD dated 28-05-2015
  3. Letter No.DGC/AEE-I/GC/2017-18/755 dated 23.07.2019 of the Director (Generation- Civil &HRM)
  4. Letter No. CECCN/DB/7/VIInde/2013-14 dated 12-03-2020 of the Chief Engineer (Civil Construction) North.
  5. Note No. DGC/AEEVI/VSHEP /2015 dated 18 .05.2020 of the Director (Generation- Civil) to the Full Time Directors (Agenda 41 / 5 /20)

### ORDER

Valanthode SHEP is proposed as a run –off- the river scheme utilizing the inflow from 18.90 km<sup>2</sup> catchment area of Kurumanpuzha in Chaliyar basin. As per the approved DPR, the installed capacity of the scheme is 7.5MW (3X2.5MW) and the expected annual generation is 17.3643Mu with a rated net design head of 89.44m and E/C ratio 2.04.

KSEBL accorded Administrative Sanction as per BO read as 1<sup>st</sup> above for implementing the project at an estimated cost of ₹69.11 Crore at 2014 schedule of rates (CPWD). The project Cost including IDC and after accounting MNRE grant of Rs. 20 Crore comes to ₹52.75 Crore. The total land requirement as per DPR was 5.9 Ha (1.40 Ha of Forest land and 4.5 Ha of Private Land). The Government accorded Administrative Sanction for implementing the project at an estimated cost of ₹ 69.11 Crore as per GO read as 2<sup>nd</sup> above.

Meanwhile the Director (Gen-Civil & HRM) directed to study the possibility of optimizing /downsizing the capacity of the scheme as per letter read as 3<sup>rd</sup> above based on the decision of the Generation Core Committee.The Chief Engineer (Civil Construction) North as per letter read as 4<sup>th</sup> above furnished the report after analysing various parameters and optimizing the capacity. The Chief Engineer (Civil Construction) North found that HFL assumed in the DPR, i.e. +630.00 is too high and a revised level of +626.00 is followed in the design. The revised level is safe and acceptable in the light of observed levels in repeated floods in the location. The power potential study was done for various installed capacities with 3 machine combinations ranging from 3MW to 12MW and 7.5MW (3X2.5MW) emerged as the optimal capacity for the project.

It is also reported that the extents of land required for the project is finalized after completing the property survey. As per this the project requires 0.9354 Ha of forest land, 3.5496 Ha of private land and 0.1974 Ha of Panchayat land (Puzhapuramboke). The action for diversion of forest land is already initiated in the field.

The market value of Rs 60 lakhs per Ha is taken for cost estimating and the amount for acquisition of 3.5496 Ha of private land comes to Rs 212.976 lakhs. Three dwelling houses are also to be acquired along with the private land proposed for acquisition. The revenue land (Puzha puramboke) does not have any encroachment.

The Chief Engineer has reiterated that the project is technically and financially viable with 7.5 MW installed capacity and requested sanction for the negotiated purchase of 3.5496 Ha of private patta land and diversion of 0.9354Ha forest land and assigning 0.1974Ha puzha puramboke.

The above land acquisition proposal along with annexure as recommended by the Director (Generation-Civil) is placed before the Full Time Directors as per note read as 5<sup>th</sup> above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 22.05.2020 resolved to accord sanction for the acquisition of of 3.5496 Ha of patta land as detailed in Annexure through DLPC for the implementation of Valanthode SHEP.

The Chief Engineer (Civil Construction) North shall take further necessary action in this regard.

Orders are issued accordingly.

Acc.Annexure

BY ORDER OF THE FULL TIME DIRECTORS

Sd/-

LEKHA. G

COMPANY SECRETARY IN CHARGE

To:

The Chief Engineer (Civil Construction-North), Kozhikode

Copy to:-

The Chief Internal Auditor/Financial Adviser

The Chief Engineer (IT)

The RCAO/The RAO

The TA to Chairman & Managing Director/Director (GC)/ Director (D, IT&HRM)

Director (T, S.O, S, CP&REES) /Director (GE&SCM)

The PA to Director (Finance) / Company Secretary

The Legal Liaison Officer, KSE Board Ltd, Kochi

Library/ FC Supt/Stock File

Forwarded/By Order

  
Assistant Executive Engineer

Annexure to B.O(FTD) No 358 /2020 (DGC/AEE VI/VSHEP /2015) Thiruvananthapuram, Dated 28.05.2020

Sl.No	Name of land owner	Extent of land (Ha)	Legal Status	Remarks
1	Renjith Kumar, Ratheesh Kumar and Reeja, S/o Kathalatt Ravi, Kathalat House, Kolathara. P.O, Pin: 673655, Kozhikode.	0.1902	Unsurveyed Patta land	Weir site
2	Varghese, S/o Chako, Kandathil House, Thottappally, Kakkadampoil. P.O, Pin: 673604	0.1525	Unsurveyed Patta land	Canal route
3	Xavier, S/o Chako, Kandathil House, Thottappally, Kakkadmpoil P.O, Pin: 673604	0.1304	Unsurveyed Patta land	”
4	Thomas KC S/o Chako, Kandathil House,Thottappally Kakkadmpoil P.O, Pin: 673604	0.3009+ building	Unsurveyed Patta land	”
5	Mary Sebastian Thenghumpally House, Thottappally, Kakkadmpoil P.O, Pin: 673604	0.1523	Unsurveyed Patta land	”
6	Pious Sebastian Thenghumpally House, Thottappally, Kakkadmpoil P.O, Pin: 673604	0.2680	Unsurveyed Patta land	”
7	Francis Sebastian Thenghumpally House Thottappally, Kakkadmpoil P.O, Pin: 673604	0.2495	Unsurveyed Patta land	Canal route & surplus channel
8	K C Jacob Kizhakke Anandhassery Thottappally, Kakkadmpoil.P.O, Pin: 673604	0.1618	Unsurveyed Patta land	Forebay
9	Devassia KA S/o Antony Kadathil House, Thottappally, Kakkadmpoil P.O,	0.1222	Unsurveyed Patta land	Forebay & forebay road

	Pin: 673604			
10	Kathri W/o Aghasty, Palakkuttathil(H) Mooleppadam	0.1107	Unsurveyed Patta land	Surplus channel
11	Vilayanikal George S/o Varkey Vilayanikal, Attamchery Manathana P.O, Kannur	0.0168	Unsurveyed Patta land	”
12	Sankaranarayanan & Nimmy C K S/o. Verampulakkal M Krishnan Nambeeshan Krishna Mullanpara Road, Manjeri P.O Pin: 676121	0.0279+ building	Unsurveyed Patta land	Penstock
13	Saji George & Sheenamol Anandasseri (H) Koodaranji P.O, Kozhikode	0.1793	Unsurveyed Patta land	Power House road
14	Noyal Mathew S/o Mathew Thazhathuparambil House Punnakkad P.O, Thiruvambadi Pin: 673603	0.0722+ building	Unsurveyed Patta land	Penstock
15	Joseph S/o Jacob Kizhakke Anandassery	0.0881	Unsurveyed Patta land	Power house road
16	Annamma Joseph Kandathil House Thottappally, Kakkadampoil P.O Pin: 673604	0.2917	Unsurveyed Patta land	Penstock & Power house road
17	Smitha Rose D/o. Kandathil Joseph Thottappally, Kakkadampoil P.O Pin: 673604	0.3368	Unsurveyed Patta land	Penstock & Power house road
18	Thalananikal Avira (Late) Thalananikal Thottappally, Kakkadampoil P.O Pin: 673604	0.6983	Unsurveyed Patta land	Power House area
	<b>Total</b>	<b>3.5496</b>		

Forwarded/ By order

*Milka*  
Assistant Executive Engineer

Sd/-  
Company Secretary in Charge