

**ABSTRACT**

Installation, commissioning and testing of 3 kW Wind Solar Hybrid System- procurement of Solar Mill through GeM e- market of Govt of India- sanctioned orders - issued

BO (FTD) No. -730/2021 (CE (REES)/RE Projects/Windstream/2021-22)  
Thriuvananthapuram Dated 05.10.2021

- Read
1. E mail dated 22.09.2021 of M/s. Windstream Energy Technologies India Pvt Ltd, Telengana
  2. Direction issued by the Director (REES, Soura, Sports & Welfare)
  3. Note No. CE (REES)/RE Projects/Windstream/2021-11/1078 dated 24.09.2021 of the Director (REES including Soura, Sports & Welfare) submitted to the Full Time Directors (Agenda 101/9/21)

**ORDER**

A proposal for installation, commissioning and testing of a 3 kW Solar Mill on the rooftop of the Vidyuthi Bhavanam, Pattom, Thiruvananthapuram as a pilot project by integrating hybrid systems (Wind- Solar) to KSEBL grid is proposed by M/s. Windstream Energy Technologies India Pvt Ltd, Telengana. This is available in GeM e market of Government of India. The company exposes that their product is fully integrated, renewable energy "HYBRID" product- Wind Mill TM. Moreover it is a customizable, scalable and cost-effective one as "Hybrid Renewable Energy Solution". The ISO Certified firm has informed that they are recipient of numerous coveted awards. The Solar Mill TM is a flagship patented product which is a Make-in-India, tested by NIWE under the Ministry of New and Renewable Energy and a CE certified Product.

As per the direction of the Director (REES, Soura, Sports & Welfare); the estimate for an amount of Rs. 15,20,000/- (Rupees Fifteen Lakh and Twenty Thousand only) for installation, commissioning and testing for 3 kW Wind Solar Hybrid System has been prepared:

The above matter was placed before the Full Time Directors as per note read as 3<sup>rd</sup> above.

Having considered matter in detail, the Full Time Directors in its meeting held on 23.09.2021, resolved to approve the following estimate amounting to Rs15,20,000/- (Rupees Fifteen Lakh and Tweny Thousand only) prepared as per the direction of the Director (REES, Soura, Sports & Welfare)

1	Installation, commissioning and testing of 3 kW wind - solar hybrid system through GeM procurement	Rs. 9,04,500/-
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2	Procurement and installation of 100 nos of 9 W LED lamp on the Compound wall of Vydyuhti Bhavan, Pattom, wiring and laying of 400 m of LT cable work required to provide load to the Hybrid system including provision for LT DB, additional earthing, etc.	Rs.1,00,000/-
3	O & M for life span of 25 years	Rs.2,50,000/-
4	Replacement of Inverters, battery banks with spares after warrenty period of inverters and battery bank	Rs.2,50,000/-
5	Unforeseen items	Rs.15,500/-
	<b>Total</b>	<b>Rs.15,20,000/-</b>
(Rupees Fifteen Lakh and Twenty Thousand only)		

Further resolved to include AMC also in the estimate.

Further resolved to entrust the Electrical Maintenance Wing, Vydyuthi Bhavanam, Pattom with the above work.

Orders are issued accordingly,

By the order of the Full Time Directors

Sd/-

**LEKHA G**

Company Secretary (I/C)

To,

1. The Chief Engineer (REES) & Chief Safety Commissioner
2. Executive Engineer, Civil Division, Vydyuthi Bhavanam, Pattom, Trivandrum
3. Assistant Engineer, Electrical Maintenance Wing, Vydyuthi Bhavanam, Pattom, Trivandrum

Copy to:- TA to Chairman & Managing Director/TA to Director(Gen (Ele) /TA to Director(Dist & IT)/ TA to Director (Trans&SO)/TA to Director (Gen-Civil)/TA to Director(Planning,Safety & SCM)/ TA to Director(REES,Soura,Sports&Welfare) /PA to Director(Finance),/Sr. CA to Secretary(Admn)/Company Secretary/Fair Copy Superintendent/ Library/ Stock file.

Forwarded by order

Assistant Executive Engineer