**CDM - Executive Board** 



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# **SECTION A. Description of project activity A.1. Purpose and general description of project activity**

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#### **Objective of the Project**

The objective is development, design, engineering, procurement, finance, construction, operation and maintenance of Tungabhadra 22.8 MW wind power project ("Project") in the Indian state of Karnataka to provide reliable, renewable power to the Karnataka state electricity grid which is part of the Southern regional electricity grid. The Project will lead to reduced greenhouse gas emissions because it displaces electricity from fossil fuel based electricity generation plants.

### **Nature of Project**

The Project harnesses renewable resources in the region, and thereby displacing non-renewable natural resources thereby ultimately leading to sustainable economic and environmental development. Wind World (India) Limited ("WWIL") will be the equipment supplier and the operations and maintenance contractor for the Project. The generated electricity will be supplied to Karnataka Power Transmission Company Ltd ("KPTCL")/ Mangalore Electricity Supply Company Ltd ("MESCOM") under a long-term power purchase agreement (PPA). The Project is owned Wind World (India) Limited..

#### **Contribution to sustainable development**

The Project meets several sustainable development objectives including:

- contribution towards the policy desire of Government of India and Government of Karnataka of incremental capacity from renewable sources;
- contribution towards meeting the electricity deficit in Karnataka;
- CO<sub>2</sub> abatement and reduction of greenhouse gas emissions through development of renewable technology;
- reducing the average emission intensity (SO<sub>x</sub>, NO<sub>x</sub>, PM, etc.), average effluent intensity and average solid waste intensity of power generation in the system;
- conserving natural resources including land, forests, minerals, water and ecosystems; and
- developing the local economy and create jobs and employment, particularly in rural areas, which is a priority concern for the Government of India;

# A.2. Location of project activity A.2.1. Host Party(ies)

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Government of India (Host)

#### A.2.2. Region/State/Province etc.

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The Project is located in the State of Karnataka that forms part of the Southern regional electricity grid of India.

## A.2.3. City/Town/Community etc.

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The Project is located at Kapattagudda –South, (Kapattagudda Wind Zone),

Villages Singatalur, Koralahalli and Hammigi

Taluka Mundargi