



## **PROCEEDINGS OF THE GOVERNMENT OF KARNATAKA**

**Sub:** Approval to the project proposal of M/s Avaada Ventures Private Limited to establish “1.0 Million Ton Per Annum Green Ammonia at MSEZ, Mangaluru or any of the KIADB industrial area or any other private land in Udupi/Uttara Kannada/Dakshina Kannada Districts and 2000 MW Solar/Wind Power Plant in different locations across Karnataka State.

- Read:**
1. Proceedings of the 98<sup>th</sup> Land Audit Committee (LAC) meeting held on 13.10.2022.
  2. Proceedings of the 60<sup>th</sup> State High Level Clearance Committee (SHLCC) meeting held on 22.10.2022.

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### **Preamble:**

M/s Avaada Ventures Private Limited has proposed to establish “1.0 Million Ton Per Annum Green Ammonia in 100 acres of land at MSEZ, Mangaluru or any of the KIADB industrial area or any other private land to be identified by the company in Udupi/Uttara Kannada/Dakshina Kannada Districts and 2000 MW Solar/Wind Power Plant in 10,043 acres of Private/Government land on lease or purchase basis to be identified by the company in different locations across Karnataka State, with an investment of Rs. 45,000 crore, generating employment to about 14000 persons.

M/s Avaada Energy established in 2017 is the flagship company of the Avaada Group with a renewable energy portfolio of 5 GW out of which 4 GW is operational and balance under advance stage of construction. Avaada Energy installed 1 GW in the calendar year 2021 which is the largest among all the renewable energy IPPs in India, despite COVID challenges. Avaada Energy has unmatched quality standards and targets a portfolio of 11 GW of renewable energy projects by 2025 and 30 GW by 2030.

The proposal of the company is to set up a manufacturing unit of 1.0 Million Tons per Annum of Green Ammonia Plant. It is considered that hydrogen generated would be used for different uses. Ammonia would be produced from green hydrogen and nitrogen. Brief scope is as follows:

- Design of a water electrolysis plant for hydrogen production with a nominal power as per the capacity of Green Ammonia Plant and it will be connected to a dedicated substation within the plot itself, which will in turn be connected to the existing electrical substation and to the water supply network of Municipality. The connection to the plant network will be through the local network and with Certificates of Origin that guarantee that the energy comes 100% from renewable sources, so that the hydrogen obtained will be categorized as green.
- Design of an air separation unit (ASU), to obtain the nitrogen required in the synthesis of ammonia, as well as in auxiliary services.
- Design of a green ammonia plant, with a minimum capacity of 1 Million Tons per Annum, whose synthesis gas comes from a mixture of green hydrogen produced in the electrolysis plant and nitrogen captured from the air in the ASU, also without associated emissions.

In the 98<sup>th</sup> Land Audit Committee meeting held on 13.10.2022, the representative of the company appeared before the Committee through V.C. and highlighted the project proposal and requested for approval of the project.

The Committee noted the request of the company, land utilization details and after detailed discussions, resolved to recommend to SHLCC for approval of the project of M/s Avaada Ventures Private Limited to establish:

1. 1.0 Million Ton Per Annum Green Ammonia in 100 acres of land at MSEZ, Mangaluru or any other land in KIADB industrial area or any other private land to be identified by the company in Udupi/Uttara Kannada/Dakshina Kannada Districts.
2. 2000 MW Solar/Wind Power Plant in 10,043 acres of Private/Government land on lease or purchase basis to be identified by the company in different locations across Karnataka State subject to:
  - Non violation of non alienation clauses like PTCL, Inam land, Iluvari land, Govt., land, Nala land, Bandidari land etc., under various Acts and subject to obtaining necessary clearances from Revenue Department/Concerned authorities.
  - In case of purchase/lease the Government land, the company has to take approval from Revenue Department and concerned authorities.

The proposal of the Company placed in the 60<sup>th</sup> State High Level Clearance Committee (SHLCC) meeting held on 22.10.2022 for discussion and decision. The Committee noted the details of the project proposal and after

detailed discussion resolved to approve the project proposal of M/s Avaada Ventures Private Limited.

Government has examined the recommendations made by the 60<sup>th</sup> SHLCC Meeting in all aspects.

Hence the following order:

**GOVERNMENT ORDER No. CI 344 SPI 2022, BENGALURU, DATED 28.11.2022**

Government is pleased to accord in-principle approval to the investment proposal of M/s Avaada Ventures Private Limited to establish a "1.0 Million Ton Per Annum Green Ammonia plant at MSEZ, Mangaluru or any of the KIADB industrial area or any other Private land in Udupi/Uttara Kannada/Dakshina Kannada Districts and 2000 MW Solar/Wind Power Plant in different locations across Karnataka State, with an investment of Rs.45,000 crore, generating employment to about 14000 persons with the following infrastructure assistance, incentives and concessions:

<b>Land</b>	<ol style="list-style-type: none"><li>1. 1.0 Million Ton Per Annum Green Ammonia Plant in 100 acres of land at MSEZ, Mangaluru subject to availability or any of the KIADB Industrial Area or private land to be identified by the company in Udupi/Uttara Kannada/ Dakshina Kannada Districts.</li><li>2. 2000 MW Solar/Wind Power Plant in 10,043 acres of Private/ Government land on lease or purchase basis to be identified by the company in different locations across Karnataka State subject to:<ul style="list-style-type: none"><li>• Non violation of non alienation clauses like PTCL, Inam land, Iluvari land, Govt., land, Nala land, Bandidari land etc., under various Acts and subject to obtaining necessary clearances from Revenue Department/Concerned authorities.</li><li>• In case of purchase/lease the Government land, the company has to take approval from Revenue Department and concerned authorities.</li></ul></li></ol>
<b>Water</b>	15000 KLPD from Local Authority, subject to availability and in case of Sea water, subject to approval from the Competent Authority.

<b>Power</b>	1200000 KVA Captive power to be generated in Yadgir District or any other Districts in Karnataka and also from Rajasthan State and transmission of power through Grid to the required locations with the support of KPTCL/ESCOMs, subject to approval of Energy Department.
<b>Incentives &amp; Concessions</b>	As per applicable Policy of the state.

**Sanction of the above infrastructure assistances, incentives and concessions is subject to the following terms and conditions:**

**1. Acknowledgement Certificate:** The project proponents may opt to furnish Combined Application Form (Form-4, Rule 8(b)) along with relevant fee and self certification for issue of acknowledgment certificate under Karnataka Industries (Facilitation) (Amendment) Act, 2020 for Green Ammonia Plant.

**2. Environment:** The company to obtain Consent for Establishment and Consent for Operation from KSPCB and environmental clearance from MoEF, Government of India or the Dept of Forest, Ecology & Environment, Government of Karnataka, if applicable.

**3. Employment:** The Company shall comply with the provisions of applicable Policy of the State of Government of Karnataka with respect to local employment on the project. Prepare a plan for development of Human Resources required for the project, train local people. A copy of Human Resources Development plan shall be sent to the Commissioner for Industrial Development & Director of Industries and Commerce for monitoring.

**4. Vendor Development:** Wherever there is scope for vendor development for the project, the company shall prepare a vendor development plan, develop local vendors and procure the required inputs, components and sub-assemblies from these local vendor units. A copy of the vendor development plan shall be sent to the Commissioner for Industrial Development & Director of Industries and Commerce for monitoring.

**5. Social Infrastructure Development:** The Company is advised to take up social infrastructure development projects in the vicinity of the proposed location of the unit and comply with the stipulation of Company Act 2013. A copy of such projects shall be sent to the Commissioner for Industrial Development & Director of Industries and Commerce for monitoring.

## 6. Others:

- a. The company shall adopt rainwater harvesting, waste water recycling and water conservation techniques. Zero discharge facility should be adopted wherever applicable.
- b. The company shall take all statutory and other necessary clearances from the competent authorities including Government of India.
- c. As part of "Ease of Doing Business" Government vide order No. CI 89 SPI 2013, Dated 20.12.2014 has accorded approval to operationalise e-Udyami Phase II for obtaining various clearances / approvals / licenses etc. through common e-platform for the projects approved through District Level Single Window Clearance Committee (DLSWCC) or State Level Single Window Clearance Committee (SLSWCC) or State High Level Clearance Committee (SHLCC) w.e.f. 01.01.2015.
- d. The approvals / NOCs of following Departments have been covered under Phase II of e-Udyami.
  - i. Karnataka Industrial Areas Development Board.
  - ii. Karnataka Small Scale Industries Development Corporation.
  - iii. Karnataka State Pollution Control Board.
  - iv. Factories, Boilers, Industrial Safety and Health Department
  - v. Industries and Commerce Department
  - vi. Town Planning Department and Local Planning Authorities
  - vii. Municipal Administration Department
  - viii. BESCO/MESCO/HESCO/CESCO/MESCO
  - ix. Karnataka State Fire and Emergency Services Department
  - x. Water Resources Department
- e. The login and passwords which are used for filing application through e-Udyami Phase I are also applicable for filing application through e-Udyami Phase II. E-Udyami Phase II web application may be accessed through [www.ebizkarnataka.gov.in](http://www.ebizkarnataka.gov.in) and online application along with necessary documents may please be filed for any of above Departments' approval / NOCs.
- f. Karnataka Udyog Mitra (KUM) would provide the necessary escort services for the speedy implementation of your project. You are requested to inform the progress made in the implementation of the project every quarter in the proforma.

This approval is valid for a period of **two years** from the date of issue of this Government Order.

By Order and in the name of the  
Governor of Karnataka,

*G. Nagarathnamma.*  
(NAGARATHNAMMA.G) 23/11/2022  
Desk Officer (Technical Cell),  
Commerce & Industries Department.

**To,**

1. Principal Accountant General (G&SSA)/ (E&RSA), Karnataka, New Building, 'Audit Bhawan', Post Box No. 5398, Bengaluru.
2. Principal Accountant General (A&E), Karnataka, Park House Road, Post Box No. 5329, Bengaluru.
3. Additional Chief Secretary to Government, Finance Department, Vidhana Soudha, Bengaluru.
4. Additional Chief Secretary to Government, ITBT & ST Department, MS Building, Bengaluru.
5. Additional Chief Secretary to Government, Energy Department, Vikasa Soudha, Bengaluru.
6. Additional Chief Secretary to Government, Water Resource Department, Vikasa Soudha, Bengaluru.
7. Additional Chief Secretary to Government, Forest, Ecology & Environment Department, M.S. Building, Bengaluru.
8. Principal Secretary to Government, Revenue Department, M.S. Building, Bengaluru.
9. Secretary to Government, Commerce & Industries Department (Mines, Textile & MSME), Vikasa Soudha, Bengaluru.
10. Commissioner for Industrial Development and Director of Industries and Commerce, Khanija Bhavan, Race Course Road, Bengaluru.
11. Commissioner of Commercial Taxes, Vanijya Therige Karyalaya, Gandhi Nagar, Bengaluru-09.
12. Managing Director, KPTCL/ESCOMS.
13. Member Secretary, Karnataka State Pollution Control Board (KSPCB), 49, Church Street, Parisara Bhavan, Bengaluru.
14. Chief Executive Officer & Executive Member, Karnataka Industrial Area Development Board, Khanija Bhavan, Race Course Road, Bengaluru.

15. Director (Technical Cell), Commerce & Industries Department, Vikasa Soudha, Bengaluru.
16. Additional Director (P&P), Directorate of Industries & Commerce, Khanija Bhavan, Race Course Road, Bengaluru.
17. Managing Director, Karnataka Udyog Mitra (KUM), Khanija Bhavan, Race Course Road, Bengaluru.
18. PS to Hon'ble Minister for Large and Medium Industries, Vidhana Soudha, Bengaluru.
19. PS to Additional Chief Secretary to Government, Commerce & Industries Department, Vikasa Soudha, Bengaluru.
20. M/s Avaada Ventures Private Limited, 4<sup>th</sup> Floor, 406, Hubtown Solaris, NS Phadke Road, Andheri E, Mumbai -400069.
21. Guard File / Spare Copies.

