

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

O/o Managing Director
Mushirabad, Hyderabad-20
Dated: 26.9.2006

OP2/843(10)/2006-MED

Circular No. 12 /2006,-MED dated 26.9.2006

Sub: Plantation of Jatropha and Pongamia trees at vacant sites of Bus Station and Depot premises - Instructions - issued.

Despite some success in indigenous production of crude oil, India is heavily dependent on imported crude to meet the energy demands.

Across the globe, the environmental concerns and energy security issues have prompted legislation and regulation actions spurring demand for alternative fuels such as Bio-diesel.

Bio-diesel has many positive attributes associated with its use, but by far the most noted attribute, is similar operating performance as conventional diesel fuel. India has a vast resource of non-edible or wild seed crops like Jatropha curcas (Adavi Amudam)), and Pongamia Pinnata (Kanuga) from which oil can be derived to develop biodiesel depending upon site specific requirements. Jatropha comes to fruition within 4-5 years and has a long productive period of around 50 years, yielding handsome returns annually. Pongamia is widely distributed in both dry and moist plains, especially along water courses.

Government of AP has been encouraging Biodiesel plantation on a large scale. In the 10th Five Year Plan, the Government of India has also outlined cultivation of Jatropha and Pongamia trees to reduce the economic burden on importing crude oil. Trials with Biodiesel on our buses at Dilsukhnagar & Hyderabad-II depots have shown good performance on par with HSD, especially in reducing emissions.

To reduce the diesel bill, it is proposed **to extract Biodiesel from Jatropha and Pongamia seeds by growing them** on a large scale at all our vacant sites in **Bus Stations, Workshops, Training Colleges, and Depots of the Corporation**. Jatropha and Pongamia plantation can be taken up depending upon the availability and suitability of land, in consultation with the Department of Social Forestry.

The saplings can be obtained from the nurseries of Forest Department of A.P.

The Chief Civil Engineer has been designated as the monitoring agency to get feed back periodically regarding the number of saplings planted and survival percentage. All the Officers are requested to rise to the occasion and take active part in protecting the environment.

VICE-CHAIRMAN & MANAGING DIRECTOR

To
All Officers of the Corporation

//attested by//

EXECUTIVE DIRECTOR(ENG)