



ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F.1941/TVLI/5(i)&1(d)/EC-12/2013 dated 01.04.2015

To

The Managing Director,
M/s Seshasayee Paper and Boards Limited,
Elanthaikulam, Singamparai Post,
Mukkudal (Via),
Tirunelveli district.
Pin code - 627 601.

Sir,

Sub: SEIAA, TN - Environmental Clearance for the project proposal of Expansion of Existing Paper Mill by Modernisation & Upgradation Methods to enhance the paper production from 72,000 TPA to 1,10,000 TPA along with establishment of 18 MW Captive Coal based Thermal Power Plant at North Ariyanayakipuram village, Ambasamudram taluk, Tirunelveli district by M/s Seshasayee Paper and Boards Limited - Issued - Regarding.

- 1.0 This has reference to your application dated 21.10.2013 and subsequent documents submitted for the aforesaid project proposal to the State Level Environment Impact Assessment Authority, Tamil Nadu seeking Environmental Clearance under the Environment Impact Assessment Notification, 2006.
- 2.0 It is noted, interalia that the project proposal is for (1) Expansion of existing paper mill by modernisation & upgradation methods to enhance the paper production from 72,000 TPA to 1,10,000 TPA & (2) Establishment of 18 MW captive coal based thermal power plant at R.S Nos. 760, 762, 763, 764/1, 765/1, 765/2, 765/4, 766/1 etc of North Ariyanayakipuram village, Ambasamudram taluk, Tirunelveli district. Total project area is 120.57 hectares. The breakup details of the project area in the existing and proposed expansion are furnished below:-

Description	Project Area		Total Area (sq.m)
	Existing (sq.m)	Expansion (sq.m)	
Paper Mill	15,378	4,000	19,378
Power Plant	--	5,450	5,450
Raw Materials & Products Storage Yard	20,234	2,600	22,834
Road & Parking Area	40,469	--	40,469
ETP	2,024	350	2,374
Green Belt Area	7,48,670	24,600	7,73,270
Vacant Area	3,41,988	--	3,41,988
Total	11,68,763	37,000	12,05,763

[Handwritten Signature]
1/4/15

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3.0 Existing paper mill is reported to be acquired from M/s Subburaj Papers Private Limited during the year 2011 and started its operation for the manufacture of printing and writing paper from virgin pulp only without operating de-inking plant. Consent of the Tamil Nadu Pollution Control Board was obtained for the existing paper mill for the production capacity of 6000 MT/month. The present proposal is for revamping the existing paper mill to achieve optimum installed capacity of production by making minor alterations without addition of new machines and also to recommission the existing deinking plant to meet the additional requirement of pulp (waste paper plup) for captive use in the production enhancement/expansion project. The revamping/upgradation proposal consists of

- a) Addition of one refiner with existing 3 refiners.
- b) Modification in top wire forming unit for better formation of paper.
- c) Addition of shoe press to conserve steam in dryer.
- d) Addition of pre-metered size press for value added high end papers.
- e) Upgradation of filler handling system.
- f) Addition of secondary fan pump in paper m/c.
- g) Replacing the damaged calender top roll.
- h) QCS to be upgraded for colour control and for size press.
- i) Upgradation of reel handling system in finishing section.

The present proposal also includes establishment of 18 MW imported coal based thermal power plant in a separate earmarked area for the generation of steam and electric power for captive use in the paper mill to support its continuous operation.

4.0 Total project cost is Rs. 445 crores which includes existing paper mill of cost Rs.270 crores, expansion proposal of paper mill of budget Rs. 25 crores and new captive power plant of budget Rs. 150 crores. The capital and recurring cost earmarked for environmental protection measures are Rs. 24 crores and Rs. 50 lakhs per annum respectively. The budget allocation under CSR activities is Rs. 65 lakhs as capital cost and Rs. 25 lakhs as recurring cost per annum.

5.0 It is proposed to achieve the following production from the current project proposal in the existing paper mill & new power plant.

1. Production enhancement of Writing & Printing Paper from 72,000 TPA to 1,10,000 TPA.
2. Production of waste paper pulp - 58,000 TPA by recommissioning of de-inking plant for captive use.
3. Power generation of 18 MW for captive use.

6.0 Main raw material for the production of paper is wood pulp which is outsourced (22,400 TPA) from Erode and imported (38,600 TPA) from Indonesia presently. For the current production enhancement proposal, the outsourcing of pulp will increase to 24,000 TPA and import of pulp will come down to 12,000 TPA. In order to meet the additional requirement of pulp, it is proposed to recommission

