

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH , NEW DELHI
ORIGINAL APPLICATION No. 199/2014**

IN THE MATTER OF :

ALMITRA H PATEL & ANR

....APPLICANTS

VERSUS

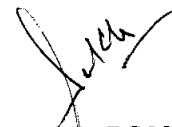
UNION OF INDIA & ORS.

...RESPONDENTS

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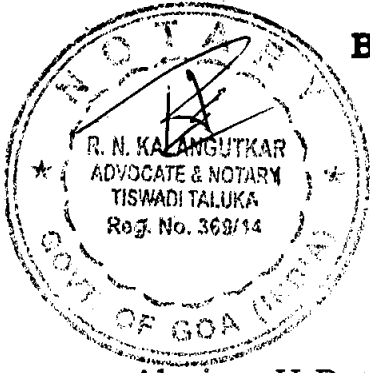
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Dated:06.05.2016



BEFORE THE NATIONAL GREEN TRIBUNAL

PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION No. 199/2014

Almitra H Patel and Anr.

..... Applicant

v/s

Union of India and Ors.

.... Respondents

AFFIDAVIT ON BEHALF OF THE STATE OF GOA

I, Srinet N Kothwale, son of Narendra Kothwale, major of age, resident of Aroba Pernem Goa, the Director, Department of Environment, Government of Goa, the Respondent above named most respectfully state and submit as under:

1. I state that I am the Director, Department of Environment, Government of Goa and am authorized to file the present Affidavit.
2. Vide order dated 19/4/2016 passed in OA/199/2014 (Almitra Patel v/s Union of India and ors.) the Hon National Green Tribunal has directed the Counsels appearing in the matter to take clear instructions from their clients on the following points:

- i) *Waste to Energy plants as a solution for dealing with Municipal Waste.*
- ii) *Whether Cluster approach as proposed by the State of Punjab can be adopted in the States.*

3. I state that vide order dated 2/5/2016 passed in the present matter this Hon'ble Tribunal was pleased to further direct the State Government to file their written submissions before 6th of May 2016 with advance copy to all the Learned Counsel appearing in the case.

4. In this regard I state that it is humbly submitted as under;

Waste to Energy plants as a solution for dealing with Municipal Waste.

a) The State of Goa has adopted Bio Methanation technology for all the 3 proposed Solid Waste Treatment Facilities in the State, of which one facility (at Calangute) is to be commissioned shortly.

The Bio gas generated from the Bio Methanation plant, (from the treatment of the organic fraction of the waste) will be utilized for the generation of electricity. The Pioneer Plant of the State of Goa was subject matter of a petition before this Hon Tribunal. The Petition has now been disposed of and the Plant has already commenced trial operations.

b) The State of Goa is presently collecting segregated non-biodegradable waste from the local bodies in the State. After baling, the said non-biodegradable waste is transported for co processing in cement plants. Approximately 5300 tons of waste has been transported since October 2013.

c) The Non-recyclable waste having high calorific value generated from the 3 proposed Solid Waste Treatment Facilities will also be

transported to cement plants for co processing as envisaged in the Solid Waste Rules 2016.

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d) In fact, the State proposes to set up two of these facilities at locations which were earlier utilized for dumping of waste and are degraded sites. The Solid Waste Management Facilities at these two sites will treat and process the existing dumped waste and will also remediate the said sites. On processing the waste, the non-biodegradable waste will be sent for recycling/co-incineration in cement plants and only the inert waste will be disposed of in the landfill.

e) With respect to the plant at Saligao/Calangute the plant would be fully operational by the end of this month. I state that the Agency for setting up of the Facility at Cacora has been shortlisted and Concession Agreement is expected to be signed shortly. I state that it would take 18 months to setup the Facility at Cacora thereafter. I state that as far as Bainguinim Plant is concerned the terms of reference have been issued by the State Environmental Impact Assessment Authority. I state that Corporation of the City of Panaji/Goa State Infrastructure Development Corporation proposes to assign the task of carrying out the EIA Study at Bainguinim to NEERI, based on the Terms of Reference issued by the State Environmental Impact Assessment Authority.

f) I state that the selection of technology for waste to energy plants in general, will depend upon various factors including the

quantum of waste generated, the calorific value, availability of land and climatic conditions. 4

Whether Cluster approach as proposed by the State of Punjab can be adopted in the State

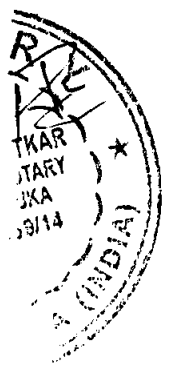
The State of Goa has adopted the cluster approach as envisaged in the Mall Singh Judgement and adopted by the State of Punjab. In this regard three Solid Waste Treatment facilities are proposed in the State, of which one facility at Calangute is expected to be commissioned by the end of this month.

5. I state that in addition to the above, the State Government has represented to the MoEF, seeking an amendment in the EIA Notification 2006, to exclude those Common Municipal Solid Waste Treatment facilities/projects which are proposed to be set up on existing dump sites which are already degraded substantially and the project also involves rehabilitation of the old dumped waste.

6. I state that in so far as the 'Solid Waste Management Rules, 2016' as notified by the Central Government are concerned, the State Government shall initiate immediate steps to ensure that the provisions of the said Rules are effectively complied with.

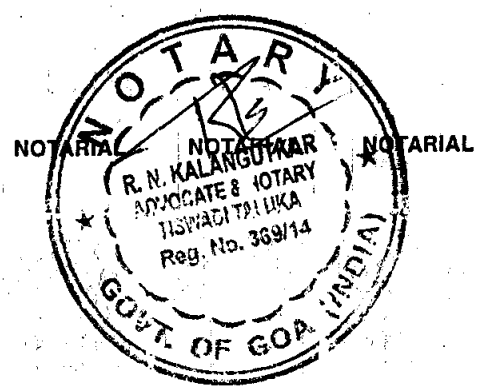
7. I state that the State Government has vide its earlier affidavits placed before this Hon Tribunal the 'Action Plan for Integrated Solid Waste Management in the State of Goa', in compliance with the directives of this Hon Tribunal in the present matter.

8. I state that whatever stated herein above is based on the records available with the office of the Respondent Department of Environment to which I have access and which I believe to be true and correct.



Solemnly affirmed at this 04th day of May 2016

Deponent
Director / Ex-officio, Jt. Secy
Department of Environment
Government of Goa
Salgao - Goa



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SOLEMNLY AFFIRMED AND VERIFIED
FOR ME BY Srinet N. Kothwale
WITNESSED BY Sed
SERIAL NO. 140/16
DATED: 04/05/2016

R. N. Kalangutkar
Advocate & Notary
Tiswadi Taluka
Reg. No. 369/14