

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH  
NEW DELHI**

\*\*\*\*\*

**Original Application No. 199 Of 2014**

And

**Original Application No. 61 Of 2017**

**(Earlier O.A. No.199 Of 2014)**

And

**Original Application No. 281 Of 2016**

**(M.A.No.1007/2016)**

**IN THE MATTER OF:**

Mrs. Almitra H. Patel & another Vs Union of India and Ors

&

Kudrat Sandhu Vs. Govt of NCT & Ors

**I N D E X**

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**SIDDHARTHA .S.CHAUHAN**

Advocate

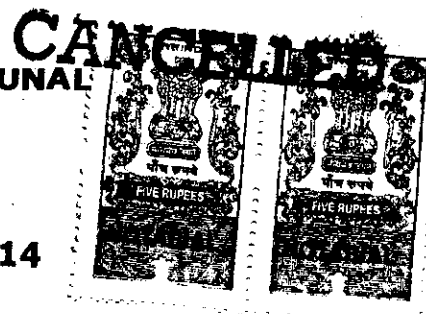
Counsel for the Respondents

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Mo.No. : 9425004055

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BEFORE THE NATIONAL GREEN TRIBUNAL  
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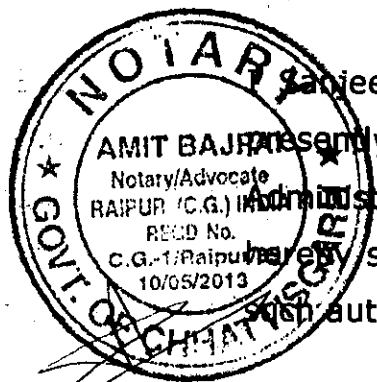


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**AFFIDAVIT ON BEHALF OF STATE OF CHHATTISGARH IN REPLY  
TO SHOW CAUSE DATED 07.02.2017**



Sanjeev Beohar, son of late Shri.B.S.Beohar aged about 56 years,  
presently officiating as Superintending Engineer, Directorate of Urban  
Administration and Development, Government of Chhattisgarh do  
solemnly affirm as under that, I am the OIC of the case and as  
such authorized to swear this Affidavit.

1. In its order dated 07<sup>th</sup> February 2017 in the instant matter, this  
Tribunal was pleased to order as follows:

"After pronouncement of the Judgment of the Tribunal dated 22nd  
December, 2016 in the Case of Almitra H. Patel & Anr. Vs. Union of India  
& Ors. in Original Application No. 199 of 2014, vide our order dated 12th  
January, 2017, we had issued Notice to all the State Governments,  
Union Territories, Pollution Control Boards, Local Authorities of the  
respective States to show cause why appropriate directions be not  
passed by the Tribunal to ensure compliance of the Judgment. Further  
these Authorities were directed to file complete and detailed Action Plan  
and affidavits to show how the municipal solid waste in the State would  
be processed and degradation of environment and public health resulting  
therefrom would be prevented. All the States except the State of Goa  
and the State of Tripura have not filed the required affidavit and the  
Action Plan as contemplated under the order of the Tribunal, as it must  
all the States has not cared to file affidavit and Action Plan as direction.  
As part of this Action Plan they would also required to submit a total  
solid waste generated and how that solid waste was required to be



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treated in a time bound manner in regard to this directions. None of the States have bothered to file affidavit or the Action Plan.

Be that as it may, it is a matter of utmost importance and require all the stakeholders not only to show their concern but even to take appropriate action without any delay now at least. Thus, we direct that all the States should comply these directions within two weeks from today, if not already complied with." (sic)

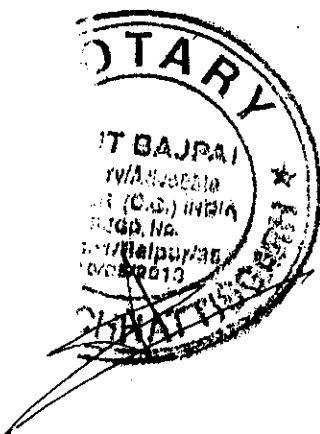
2. In response to the above, the respondent State of Chhattisgarh, begs to submit as follows:

- (1) That the State of Chhattisgarh has initiated action to address the issue of scientific disposal of municipal solid waste in all 168 municipal towns in the State.
- (2) That detailed action plans are ready in respect of certain municipal towns and in process of preparation in other towns.
- (3) That an abstract of the State-wide Action Plan and Progress Report prepared as on 31<sup>st</sup> January 2017 in respect of all 168 towns is being submitted with this affidavit as R/1 which the Tribunal may please take on record.
- (4) That the key points of the Action Plan include the following:

- i. Three approaches have been adopted in 168 towns. In Raipur, the waste-to-energy approach is adopted; in two towns, namely, Bilaspur and Bhilai, the RDF approach has been adopted; and in remaining 165 towns, the SLRM model as successfully developed in Ambikapur, is being adopted.

- ii. That the SLRM Ambikapur Model is a variant of and a more rationalized approach to the RDF model. It involves RDF (as Cooking Gas from organic waste) only as a last resort for the residual organic waste, left after all the 'resources' have been sorted out. The resources sorted are such items that are directly recyclable and command a higher sale price in the market. These include egg shells, peels of certain fruits like sweet lemon etc.

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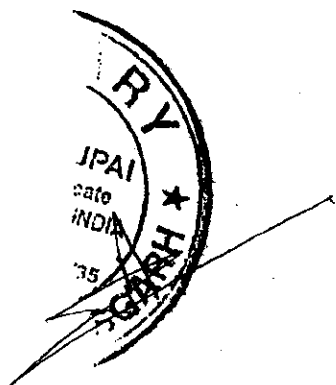
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iii. That the Action Plan is proposed to be implemented through the PPP mode in most cases. In Bhilai, the municipal body is implementing the project in collaboration with Bhilai Steel Plant.

iv. That action on implementation of the plan has already started in all 168 towns and will be completed at different dates; and that the last date for completion is June 2019.

(5) That the State of Chhattisgarh is committed to implement the Action Plan In all earnestness to give effect to the provisions contained in the SWM Rules 2016 and the orders of this Tribunal from time to time.



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*[Signature]*

DEPONENT

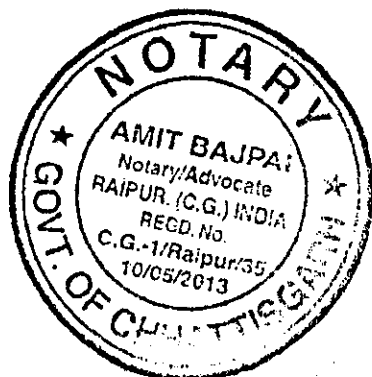
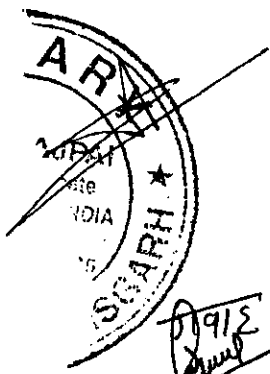
VERIFICATION

I, Sanjeev Beohar the deponent above named do hereby verify that the contents of Para 1 to 5 in the above affidavit are true to my personal knowledge.

Signed and verified on this day of ..... at 23 FEB 2017

*[Signature]*

DEPONENT



संतोष झा  
34 वरु 2017  
क. झाझवत-पुल  
पि. 507 डी. कलानी  
बेल बाला झुल  
(क.डी.)

SOLEMNLY AFFIRMED  
OR SWORN BEFORE ME  
BY THE WITHIN NAMED

*[Signature]* 23-2-17  
AMIT BAJPAI  
Notary/Advocate  
RAIPUR, CHHATTISGARH

23 FEB 2017

**CHHATTISGARH****Action Plan for Various Municipalities in the State***At A Glance*

Sl. No	Technology	Number of ULBs	Action Start Date	Action End Date	Annexure
(1)	Waste to Energy (W2E)	1	29.8.16 (ULB adopted project) RAIPUR	June 2019	A
(2)	Waste to RDF (W2F)	2	Bilaspur 09/12/2016 Bhilai 04/01/2017	Oct. 2018  Dec. 2018	B
(3)	SLRM Ambikapur Model	165	07/09/2016	Jun. 2018 (I <sup>st</sup> Phase)	C
(4)	Not yet decided	0	-	-	-
	<b>Total</b>	<b>168</b>	-	-	-

**NOTE:** SLRM Ambikapur Model is a variant of and a more rationalized approach to the RDF model. It involves RDF (as Cooking Gas from organic waste) only as a last resort for the residual organic waste, left after all the 'resources' have been sorted out. The resources sorted are such items that are directly recyclable and command a higher sale price in the market. These include egg shells, peels of certain fruits like sweet lemon etc.

*[Handwritten Signature]*

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Annexure-A

**ACTION PLAN-1**

(1)	Technology proposed	Waste to Energy
(2)	Process in brief	<p>Municipal waste will be collected on door to door basis after segregation at source.</p> <p>The waste, after secondary segregation, will be used as fuel for generation of power.</p> <p>The power will be sold either captive or to the State Electricity Board.</p> <p>The silicate residue will go to the trenching ground.</p>
(3)	Number of ULBs	1 (Raipur Municipal Corporation)
(4)	Mode of implementation	In the PPP mode
(5)	Start date	29.8.16 (ULB adopted project)
(6)	End date	June 2019
(7)	Current status	<ul style="list-style-type: none"><li>• Project approved by GB/Council of city.</li><li>• User Charges approved by MCs.</li><li>• DPR preparation Completed.</li><li>• RFP floated for selection of Service Provider</li><li>• Interim Door-to-door collection started in all wards</li><li>• Informal sector Identification survey completed in MC.</li></ul>

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## ACTION PLAN-2

(1)	Technology proposed	Waste to Fuel (RDF)
(2)	Process In brief	<p>Municipal waste will be collected on door to door basis after segregation at source.</p> <p>After secondary segregation, high calorific waste will be used to make briquettes.</p> <p>The briquettes will be sold to steel and power units in the State.</p> <p>The silicate residue will go to the trenching ground.</p>
(3)	Number of ULBs	<p>2</p> <ul style="list-style-type: none"> <li>• Bilaspur Municipal Corporation</li> <li>• Bhilai Municipal Corporation</li> </ul>
(4)	Mode of implementation	<p>In the PPP mode in Bilaspur.</p> <p>In Bhilai the project will be implemented by Bhilai Steel Plant (BSP).</p> <p>Plant will be set up on the land of BSP at the cost of BSP.</p> <p>Bhilai Municipal Corporation will be supplying segregated waste at feeder point to BSP.</p>
(5)	Start date	Bilaspur - 09/12/2016. Bhilai - 04/01/2017
(6)	End date	<p>Bilaspur - Oct. 2018</p> <p>Bhilai - Dec. 2018</p>
(7)	Current status	<p><b>Bhilai</b>- RFP will be published within 01 month, Interim Door to door collection started in all wards</p> <p><b>Bilaspur</b> -</p> <ul style="list-style-type: none"> <li>• Service provider selected and work order issued.</li> <li>• Plant construction stated</li> <li>• Interim Door to door collection started in all wards</li> </ul>

**ACTION PLAN-3**

(1)	Technology proposed	SLRM Ambikapur Model
(2)	Process in brief	<p>Municipal waste ('resource') will be collected on door to door basis after segregation at source by women SHGs/Contractor.</p> <p>The inorganic waste will be further segregated to various recyclable resources.</p> <p>The organic waste will be manually sorted to recover certain resources that enjoy a direct market.</p> <p>The balance organic waste will be used in gasifier unit for generation of gas.</p> <p>The gas will be supplied through pipe to restaurants etc.</p>
(3)	Number of ULBs	165 ULBs (list attached)
(4)	Mode of implementation	<p>In the SLRM-SHG mode or through contractor.</p> <p>Individual ULBs will be free to choose the mode.</p>
(5)	Start date	07/09/2016 (Guideline published)
(6)	End date	06/2018 (I <sup>st</sup> Phase)
(7)	Current status	<ul style="list-style-type: none"> <li>• Project approved by GB/Council of city.</li> <li>• User Charges approved for all MCs.</li> <li>• Other city user charges notification under process.</li> <li>• Door to Door consumer survey Completed in all 165 ULBs.</li> <li>• DPR preparation under final stage in all 165 ULBs,</li> <li>• In 83 cities SLRM (MREF) land identified and 82 cities its under final stage.</li> <li>• Tender floated for SLRM centre construction In all 165 ULBs.</li> </ul>



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		<ul style="list-style-type: none"><li>• SHGs identified in 145 cities for D2D and segregation process.</li><li>• Compost shed tender floated for 135 ULBs.</li><li>• Fund disbursed for equipment purchase in all 165 ULBs</li><li>• Informal sector identification survey completed in 09 MC.</li><li>• Pilot Project completed in Ambikapur Municipal corp.</li><li>• Landfill site eliminated in Ambikapur.</li></ul>
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