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HARYANA

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IN THE HON'BLE NATIONAL GREEN TRIBUNAL
AT NEW DELHI

Original Application No. 21(T_{HC}) of 2013

In

(M.A. No.60 of 2014, M.A. No.61 of 2014,
M.A. No.62 of 2014 & M.A. No.66 of 2014)

And

Original Application No. 199 of 2014

IN THE MATTER OF:

Davinder KumarPETITIONER

Versus

Union of India & Others.RESPONDENTS

Almitra H. Patel & Anr.PETITIONER

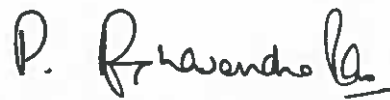
Versus

Union of India & Others.RESPONDENTS

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PLACE: Chandigarh
DATE : 01.08.2015



P. Raghavendra Rao,
Additional Chief Secretary to Government Haryana,
Urban Local Bodies Department
Chandigarh

Through Sh. Arun Bhardwaj,
Additional Advocate General, Haryana,
I-8, LGF, Jung Pura Extension, New Delhi
E-mail id: aaghryab@gmail.com

IN THE HON'BLE NATIONAL GREEN TRIBUNAL

AT NEW DELHI

Original Application No. 21(THC) of 2013

In

**(M.A. No.60 of 2014, M.A. No.61 of 2014,
M.A. No.62 of 2014 & M.A. No.66 of 2014)**

And

Original Application No. 199 of 2014

IN THE MATTER OF:

Davinder KumarPETITIONER

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Almitra H. Patel & Anr.PETITIONER

Versus

Union of India & Others.RESPONDENTS

**Status report by way of affidavit on behalf of the Urban Local Bodies
Department, Haryana**

I, P. Raghavendra Rao, Additional Chief Secretary to Government of
Haryana, Urban Local Bodies Department, do hereby solemnly affirm and declare as

Under:-

That in compliance with the directions of the Hon'ble Tribunal in its order dated 13.07.2015 with regard to the collection, storage and disposal of Municipal Solid Waste (MSW) in the entire state, it is informed that all the Urban Local Bodies (ULBs) in the State were earlier directed vide letter dated 01.04.2015 to take measures related to door to door collection, segregation, transportation and to comply with the directions of the Hon'ble Tribunal issued vide its order dated 20.03.2015. Further, all the ULBs have again been directed on 17.07.2015 to send the action taken report regarding door to door collection, segregation, transportation, treatment and disposal. True copy of the same is annexed herewith as **Annexure-1**. The status reports provided by the ULBs were reviewed by the deponent with all the Commissioners of Municipal Corporations and Deputy Commissioners in the State through video conference held on 30.07.2015. The compiled status report received from the ULBs in the State of Haryana is annexed herewith as **Annexure-2**.



1 AUG 2015

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2. That in compliance with the directions of the Hon'ble Tribunal with regard to proposals for setting up of MSW disposal plants of either RDF or Waste to Energy or others in the State, the status of municipal waste treatment facilities in Haryana is as follows:

Treatment facility location	Treatment Plant Capacity (TPD)	Treatment Technology adopted	Remarks
Ambala	60	Composting	Not operational.
Yamuna Nagar	150	Composting + RDF	Not operational
Karnal	150	Composting + RDF	Operational
Gurgaon	600	Composting + RDF	Not operational
Sirsa	50	Composting	Operational
Rohtak	175	Composting + RDF	Under construction

In compliance with the directions of the Hon'ble Tribunal in the matter of Original Application No. 21(THC) of 2013 - Davinder Kumar vs Union of India & Others, the Urban Local Bodies Department, Haryana has already submitted to the Hon'ble Tribunal that a cluster based approach would be adopted in the State for Integrated Solid Waste Management and 14 clusters were proposed in this regard. The Department has taken the following activities to set up cluster based treatment and disposal facilities in the State.

No.	Activity Planned	Sub- Activities	Status	Remarks
1.	Request for Qualification (RFQ) from Private Agencies	The RFQ document has been prepared	The RFQ document had been approved by the Govt. of Haryana. The RFQ was published on the website of the Urban Local Bodies Department and published in the leading newspapers on 22 nd and 23 rd May 2015. E-mail communication was also sent to various private agencies, foreign embassies and trade associations.	



1 AUG 2015

S.No.	Activity Planned	Sub- Activities	Status	Remarks
		<p>A pre application conference with private agencies will be held to take general inputs and address any query</p>	<p>The pre-application conference was held on 1st June 2015 under the chairmanship of the Principal Secretary to Government of Haryana, Urban Local Bodies Department.</p> <p>Representatives of 10 (ten) private agencies attended the conference. Their queries and suggestions were discussed in detail.</p> <p>Queries were received from the private agencies till 5th June 2015.</p> <p>The response to queries and addendum to RFQ was prepared and uploaded on the website on 23rd June 2015.</p>	
		<p>Applications will be invited from Private Agencies</p>	<p>Applications were received from 17 (Seventeen) private agencies till 6 July 2015.</p> <p>An evaluation committee has been constituted to evaluate these applications. The applicants have been asked to present their credentials, inputs on the proposed cluster based system through PPT presentations before evaluation committee on 30</p>	



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S.No.	Activity Planned	Sub- Activities	Status	Remarks
			and 31 July 2015.	
		Shortlisting of qualified Private Agencies	The proposed timeline is 01.08.2015 to 07.08.2015	
2.	Request For Proposal (RFP) to shortlisted private agencies	Request for Proposal would be issued to the empanelled Private Agencies based on the inputs received from Private agencies during RFQ stage	The proposed timeline for the issue for RFP is one month after short listing of Private agencies	Request for Proposal will be issued only if at least three agencies or the number deemed to be adequate by Department are shortlisted.
		A comprehensive evaluation of the proposals received from empanelled Private agencies would be undertaken	The proposed timeline is 1 month	
	Setting up of MSW treatment and disposal facilities for the identified clusters.	Issue of letter of award to selected bidder	The letter of award would be provided to the selected bidder within 1 month	Technology for each cluster will be based on the proposals received from the private agencies.
		Signing of Concession Agreement between the ULB and selected bidder	The proposed timeline is 1 month after the letter of award	
		Commissioning of treatment facility/ processing plant	A timeline of 15-18 months is proposed for commissioning of Treatment plant	

3. That the Transaction Advisor to the Urban Local Bodies Department has visited the identified land parcels in Bhuna, Sirsa, Dabwali Ambala, Rohtak and Farukh Nagar clusters during 17-19 June 2015 and Kaithal Hisar Rawani Khora



1 AUG 2015

Rewari, Punhana and Sonapat clusters during 6-8 July 2015 to assess the suitability of land for setting up solid waste management projects. Site Assessment Report submitted by the Transaction Advisor is annexed herewith as **Annexure-3**. The same is being examined by the Department and work on the clusters will be started in a phased manner after short listing qualified private agencies.



Place: Chandigarh
Dated: 01.08.2015

P. Bhawendra Rao
DEPONENT

Verification :-

Verified that the contents of the above paras no. 1 to 3 of my affidavit are true and correct to my knowledge & belief & the same has been prepared on the basis of information as drawn from the official record. No part of it is false and nothing has been concealed therein.

Place: Chandigarh

Dated: 01.08.2015

ATTESTED
Mahesh Goyal
MAHESH GOYAL
Notary
Distt. Panchkula (Hry.)

P. Bhawendra Rao
DEPONENT

शहरी स्थानीय
निकाय निदेशालय
हरियाणा



DIRECTORATE OF URBAN
LOCAL BODIES
HARYANA

ब्लॉक 11-14, सेक्टर 4, पंचकुला, हरियाणा
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NGT COURT CASE / MOST URGENT

To

1. All the Commissioners, Municipal Corporations in the State of Haryana.
2. All the Deputy Commissioners in the State of Haryana.

Memo No: TA II/ DULB/2015/ 41173-203 Dated: 17-7-2015

KIND PERSONAL ATTENTION

Subject:

Original Application No. 199 of 2014
Almitra H. Patel & Anr. vs. Union of India & Ors.- pending before Ld.
National Green Tribunal, New Delhi.

Reference on the subject cited above.

2.

I am directed to inform you that titled case was listed on 13.07.2015 in the Hon'ble National Green Tribunal, Principal Bench, New Delhi and Hon'ble Tribunal directed that

"List this matter for final hearing on 04th August, 2015.

All the States should positively file their status report with regard to the collection, storage and disposal of Municipal Solid Waste in the entire state.

Further they should clarify, if any, MSW disposal plant either RDF or Waste to Energy or any other more plants have been provided in the state or they are in the proposal stage in that behalf.

Let the Secretary, Environment and Secretary, Urban Development of each State of each state to file their affidavits personally and if not filed within three weeks from today, the Secretary concerned shall personally be liable for payment of cost, which will be imposed and the amount would be to the extent of Rs. 50,000/- each.

This direction is necessitated for the fact that this matter is unduly delayed before the Tribunal for non-filing of documents by the Respondents States. The State of Haryana shall completely finalise his plan and submit the same before the Tribunal. The State of Haryana shall finalise its proposal and place before the Tribunal before the next date of hearing i.e. 4.8.2015 positively."

3.

It is, therefore, requested to kindly comply with the above mentioned directions given by the Hon'ble Tribunal and send the action taken report to this office by 20.7.2015 positively on the enclosed format at Annexure A.

4.

Further, you are informed that if the information is not received by 20.7.2015 then disciplinary action will be initiated against the erring officers/ officials.

Chief Engineer,

for Director, Urban Local Bodies,
Haryana, Panchkula.

Dated: 17-7-2015

Endst. No. TA II /DULB /2015/ 41204-72

A copy of the above is forwarded to all the Executive Officers/Secretaries of the Municipal Councils/ Committees in the State of Haryana with the request to send the above information on the enclosed format at Annexure A by 20.7.2015 positively, falling which, the disciplinary action will be initiated against the erring officers/ officials.

Chief Engineer,

for Director, Urban Local Bodies,
Haryana, Panchkula.

Performa for Action Taken Report on the directions given by Hon'ble NGT in the matter of Almitra H. Patel & Anr. vs. Union of India & ors

Name of Municipality:

Sr. No	Door to door collections of waste (No. of wards)	Door Segregation of waste at door step (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/ No)	Collection of user charges upto till date (Rs. in lacs)	Whether the waste is separately transported in different containers/ vehicles as per MSW Rules, 2000	No. of dustbins placed in Jhuggies/ colonies	Designated collection point (in nos.)	Remarks
1	2	3	4	5	6	7	8	9	10	11

ANNEXURE-2

Action Taken Report submitted by the ULBs in the State of Haranya on the directions given by Hon'ble NGT in the matter of <u>Amitra H. Patel & Anr. vs. Union of India & Ors.</u>															
Name of Dist.	St. No.	Name of Municipalities	Number of Households	Population	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto till date (Rs. in lacs)	Whether the waste collected so transported separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the Thuggles / colonies	Designated collection point (in nos.)	Remarks
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bhiwani	1	Bhiwani	39345	196057	31	950 households	no	waste is stored at designated collection points and transported to dumping site	currently waste is dumped in low lying area. Attached With the proposed Solid Waste Management Plant M.C. Bawani Khara	no	nil	-	5	70	-
	2	Charkhi Dadri	11074	56337	21	800 households	No	waste is stored at designated collection points and transported to dumping site	currently waste is dumped in low lying area. Attached With the proposed Solid Waste Management Plant M.C. Bawani Khara	No	NIL	--	55	13	--
	3	Siwani	3542	19143	13	13	No	waste is stored at designated collection points and transported to dumping site	-	No	NIL	-	5	70	-
	4	Bawani Khara	3890	20289	13	4 wards	3 wards (waste collected and then segregated)	waste is stored at designated collection points and transported to dumping site	currently waste is dumped in low lying area. Solid Waste Management Plant is proposed in M.C. Bawani Khara	No	NIL	-	10	10	-
	5	Leharu	2478	13937	13	375	No	waste is stored at designated collection points and transported to dumping site	Dumping in Pit in Municipal Land	No	NIL	-	12	35	-
Ambala	6	Ambala	76673	355497	20	4 wards	4	waste is stored at designated collection points and transported to dumping site	Waste is dumped in the existing collection landfill at the existing treatment plant	no	nil	no	296	6	-
	7	Narangarh	4677	22832	15	2 wards	Nil	waste is stored at designated collection points and transported to dumping site	waste is dumped in the existing landfill	nil	nil	nil	70	1	-

Annexure-2

Name of Distt.	Sr. No.	Name of Municipalities	Number of number of households	Population	Number of wards	Door to door waste collections (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto till date (Rs. in lacs)	Whether the waste so collected separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the Jhuggles / colonies	Designated collection point (In nos.)	Remarks
	8	Barara				2	3	4	5	6	7	8	9	10	11
Faridabad	9	Faridabad	290675	1414050	35	Door-to-Door collection of waste carried out by NGOs and individuals at their own level with consent of RWA's	The segregation of waste at door step have been made by owners at their own level and the segregated material is sold out to Kabadies by themselves	The storage of waste is not being done by MCF, as all the waste collected and transported to the landfill site at Bandhwari daily.	All the waste is dumped at landfill site and MSW processing plant. The site is not working since November, 2013 due to fire incident.	Yes	nil	In no. However the MSW from this city area is being transported in covered MSW containers by Compacting machines through 4 Static compactors installed in Transfer Stations at Dabua Colony and Mujeri.	50	400	
Palwal	10	Palwal	23742	131926	31	31	Individual door to door collection of waste is not in practice, but some house holders throw their home collection directly in the safai- Mazdoors wheel- barrows	Storage of waste are being collected from city by tractors and dumped a fix place	Till date waste are being dumped in very low living area in the city	No user charges	N.A.	Waste so collected are transported through tractors	There are no Jhuggles/ Colonies in the limit of Municipal Council, Palwal	In the limit of M.C. Palwal 17 Villages of Meghaur which lying in Municipal Council Palwal area has been selected for the purpose.	A land (BANJAR) Measuring 8.5 acres in Village of Meghaur which lying in Municipal Council Palwal area has been selected for the purpose.
	11	Hathin	2377	14421	11	2		waste is stored at designated collection points and transported to dumping site	Dumping at MC land near Gochhi drain	Nil (No user charges)	Nil	Waste transported by Municipal Tractor Trolley	15	7	MC Hathin dumping the Solid Waste of teh town at MC (2.5 acre) land near Gochhi Drain

Name of Distt.	Sr. No.	Name Municipalities	Number of households	Population	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto date (Rs. in lacs)	Whether the waste so collected is transported separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the Jhuggies / colonies	Designated collection point (In nos.)	Remarks
	12	Model	8579	50143	21	21	3	4	5	6	7	8	9	10	11
							Individual door to door collection of waste is not in practice, but by some holders their home collection directly in the safai- Mazdoors wheel- barrows	The wastage of town is being collected at 8 collection centres. The mode of collection is by street sweeping	The disposal of waste is being used to fill up the low line diked up ponds located with in the municipal limits	No user charges	Nil	The waste collected through municipal tractors.	There are no juggies in this town.	In this town there are 8 open points in the various areas of the town. (list attached)	Five acres land was acquired by the municipality for solid waste treatment plant at Gharh village during the year 2002, but now the foresaid village came into new municipal limits of this town. At present the land is lying vacant
Fatehabad	13	Fatehabad	14085	70777	25	A tender was called for appointing contractor/agency starting from 01 door to door collection in 03 colonies namely Jagjivanpura, Model Town, Aggarwal colony. The people are being educate on 20-07-2015 through hoardings/pum e-tendering. Now work order has been given for keeping clean work from 01-08-2015	The segregation of waste at door step will be started from 01 door to door collection in three colonies namely Jagjivanpura, Model Town, Aggarwal colony. The people are being educate on 20-07-2015 through hoardings/pum e-tendering. Now work order has been given for keeping clean work from 01-08-2015	M.C Fatehabad is having 52 Ricksha-stores at 25 places to be transported to disposal point through 06 Tractor-trolleys at Jagjivanpura, Model Town, Aggarwal colony by the Contractual agency as per direction given by the DULB in the meeting held on 22-05-2015	The garbage which is collected from three colonies namely Jagjivanpura, Model Town, Aggarwal colony by the Contractual agency as per direction given by the DULB in the meeting held on 22-05-2015	From 01-08-15 user charges will be collected from three colonies namely Jagjivanpura, Model Town, Aggarwal colony by the Contractual agency as per direction given by the DULB in the meeting held on 22-05-2015	Nil	The Chief Sanitary Inspector & other sanitary Staff have been directed to follow the MSW rules, 2000 in transporting the garbage. M.C. Fatehabad has sent requirement for providing vehicles & equipments of latest technique for transporting the garbage as per MSW rules	11	25	As per CM Announcement 30 acre land is identified for installing SWM plant at Bhuna cluster. Fatehabad is attached to this cluster
	14	Tohana	22670	63871	23	Nil	Nil	Nil	by earth filling	Nil	Nil	Nil	36	36	

Name of Distt.	Sr. No.	Name of Municipalities	Number of households	Population	Number of wards	Door to door Segregation of waste (No. of step wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of charges for SWM upto date (Rs. in lacs)	Whether the waste collected separately in different containers/vehicles as per MSW Rules, 2000	No. of Designated collection points (In nos.)	Remarks	
		1				2	4	5	6	8	9	10	11
	15	Ratia	7273	37152	17	for door to door collection being of waste in 2 educated colonies through Tibba hoarding, colony, the tri banners & cycle are through print provided by media for this office to keeping clean the private environment near by their persons	MC Ratia is having 12 the Rickshaw rehries & 60 wheel barrow for collecting the garbage from different wards & store the garbage in 15 places	the garbage which is stored at 15 places is transported to disposal point through 02 tractor trolley at lalli road	24.10.2011 (No)	The sanitary staff have been directed to follow the MSW rules, 2000 in transporting the garbage. MC Ratia has sent requirement for rproviding Hydraulic Tractor for lifting the garbage as per MSW Rules	30	As per CM Announcement 30 acre land is identified for installing SWM plant at Bhuna cluster. ratia is attached to this cluster	
	16	Bhuna			15	to call a tender for the purpose of door to door collection of garbage in two colonies namely Model Town and Officer Colony. The tender will be called shortly.	There are 06 storage points in the city. The store at 06 places is collected through 20 wheel-barrows and 10 rickshaw rehnes Tohana Road used as land filled site.	The garbage which is stored at 06 places is transported to disposal point through 02 Tractor-trolleys at land filled site.	No	The Incharge of Sanitation have been directed to follow the MSW rules, 2000 in transporting the garbage. M.C. Bhuna has sent requirement for providing vehicles & equipments of latest technique for transporting the garbage as per MSW rules.	14	As per CM Announcement 30 acre land identified for installing SWM plant at Bhuna for which Earnest Young India Pvt. Ltd. a firm engage by DULB for preparing DPR of the plant & requirement of equipment & vehicles for following the MSW rules.	
Gurgaon	17	Gurgaon	208275	886519	35	24 Wards in Zone No. 1 & Campaign II except HUDA and House Building Societies area	Collected and transported to Bandhwar landfill site	Disposal at landfill site to Bandhwar	Not imposed yet	Mixed waste transported to landfill site at Bandhwar in covered container/vehicles	120		
	18	Sohna	6850	36552	11	11	waste is collected at different points and lifted daily	waste is disposed by tractor. In low lying area	Nil	Nil	6		

Name of Distt.	Sr. No.	Name Municipalities	of number of households	Population	Number of wards	Door to door collections (No. of wards)	Segregation of waste at door (No. of wards)	Method of storage of waste adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto (Rs. in lacs)	Whether the waste collected is transported separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the Jhuggles / colonies	Designated collection point (in nos.)	Remarks
	1					2	3	4	5	6	7	8	9	10	11
	19	Haily Mandi	3973	20906	13	Proposal has been prepared, resulation has been passed. Work will be start shortly.	Proposal has been prepared, resulation has been passed. Work will be start shortly.	waste is stored at designated collection points and transported to dumping site	waste is dumped in dumping site	Recovery of user charges will be recovered after starting door to door collection	Nil	No (Will be started shortly)	26	15	
	20	Pataudi	3481	20418	13	tender has nil been invited for door to door collection	nil	waste is collected at different points and is lifted daily.	waste is disposed by tractor trolley in low lying area	-	-	-	-	8	
	21	Farukh Nagar	2525	13513	13	tender has nil been invited for door to door collection	nil	waste is collected at different points and is lifted daily.	waste is disposed by tractor trolley in low lying area	-	-	-	10	8	
Hisar	22	Hisar	61492	307024	20	20 wards (through NGOs)	2 wards (through NGOs)	waste is stored at designated collection points and transported to dumping site	disposed at dumping site on Sirsa Road. Levelled with JCB and covered with a soil layer. Methyl Pyrothene is sprayed occasionally to prevent bad odour. 32 Acre land is identified for new treatment plant	yes	7.26 upto 27.07 2015	where segregation is already done, different wastes are carried separately in tractor trolleys. work order issued to procure 100 riskhaw rehri for segregation and separate transportation	26	170	public motivation activities are being held by sanitation groups.
	23	Hansi	17075	86770	27	2 colonies	2 colonies	waste is collected at different points and is lifted.	waste is disposed by Rickshaw Rehri & Tractor trolley in low lying area	Municipal Council is nil & 20 per unit	nil	no	30	16	tenders will be invited through e-tendering for door to door collection as approval has been taken from Deputy Commissioner, Hisar

Name of Distt.	Sr. No.	Name Municipalities	of number of households	Population	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of waste adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto date (Rs. in lacs)	Whether the waste collected separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the colonies	Designated collection point (in nos.)	Remarks
	24	Barwala	8350	43384	19	4 wards	3 wards (waste collected and then segregated)	waste is stored at designated collection points and transported to dumping site	waste is disposed by Tractor trolley in ow lying area	no	nil	no	40	17	Application submitted to DC, Hisar for door to door collection
	25	Narnaund	3184	17242	13	4 wards	4 wards	waste is stored at designated collection points and transported to dumping site	waste is disposed by Rickshaw Rehri & Tractor trolley in ow lying area	No	Nil	no	13	13	E-tenders has been called on dated 20.6.2015 for door to door collection of garbage in 13 wards and submitted for approval of the Deputy Commissioner, Hisar.
	26	Uktana Mandi	2560	13219	13	Ward no. 6 Gulab colony	6 colonies	By rickshaw rehri	By rickshaw rehri and tractor trolley	Municipal Committee has passed resolution according to which Rs. 20/- per unit will be charged as user charges	Nil	By Rickshaw rehri	30	8	
Jhajjar	27	Bahadurgarh	34910	170767	31	Door to door collection in 5 no. wards already in progress by NGO/ RWA but in remaining 26 nos. wards Entering for door to door collection segregation & transportation	Nil	By machine	By Machine	Nil	Nil	Yes	25	30	
	28	Beri	3082	15534	13	3 wards	Nil	In low lying area	Attached with Solid Waste Management Plan: M.C. Hisar	Nil	Nil	Waste transported in covered vehicle	15	20	

Name of Distt.	Sr. No.	Name of Municipalities	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of waste adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto date (Rs. in lacs)	Whether the waste collected separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the Jhuggies / colonies	Designated collection point (In nos.)	Remarks	
	1		2	3	4	5	6	7	8	9	10	11		
	29	Jhajjar	48424	19	4	The storage of waste adopted of the adopted of the dumping point near Kosi by Jhajjar and after to send all Solid Waste of Jhajjar to Naya gaon (B.garh)	The storage of waste adopted of the adopted of the dumping point near Kosi by Jhajjar and after to send all Solid Waste of Jhajjar to Naya gaon (B.garh)	No			20	1 (near Kosi) by pass, road Jhajjar)	Regarding of door to door collection, e-tendering process under	
Jind	30	Jind	32760	31	28 wards	no	waste is stored at designated collection points and transported to dumping site	land filling	No	Nil	Yes	65	70	
	31	Saidon	6568	17	4 wards	no	waste is stored at designated collection points and transported to dumping site	land filling	no	no	Yes	50	25	
	32	Narwana	11975	23	Nil	no	waste is stored at designated collection points and transported to dumping site	land filling	Nil	Nil	Yes	35	20	
	33	Uchana	3082	13	Nil	no	waste is stored at designated collection points and transported to dumping site	Cover with soil	No	Nil	no	15	25	
	34	Julana	3413	11	Nil	no	waste is stored at designated collection points and transported to dumping site	Cover with soil	No	Nil	no	10	10	
Kaithal	35	Kaithal	28547	31			waste is stored at designated collection points and transported to dumping site	nil	no	no	25	150		tender has been invited through e-tendering for door to door collection
	36	Cheeka	7613	17	12.6 Ton per day (7418 Houses)	Nil	By Ruksa and Tractor daily	Cover with soil	No	Nil	No	5	59 Points	
	37	Kalayat	3557	11	10 tonne per day (3557 houses)	Nil	By tractor-trolley	Cover with soil	no	no	No	4	40 points	

Name of Distt.	Sr. No.	Name of Municipalities	Number of number of households	Population	Number of wards	Door to door Segregation of waste at door wards (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of the waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide dated 24.10.2011 (Yes/No)	Collection of user charges upto date (Rs. in lacs)	Whether the waste is collected separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the Jhuggies / colonies	Designated collection point (In nos.)	Remarks
		1	2	3	4	5	6	7	8	9	10	11		
	38	Rajband			13									
	39	Pundri	6538	33484	13	5422 households	Nil	waste is stored at designated collection points and transported to dumping site	Waste collected by Rickshaw & Tractor trolley in low lying area	NIL	no	80	25	
Kurukshetra	40	Thanesar	31689	155152	31	Nil	Nil	Waste collected at 26 points	Waste Transported through tractor trolley	Nil	Waste Transported through tractor trolley	26	26	
	41	Shahabad	9222	42607	19	17	4	waste is stored at designated collection points and transported to dumping site	waste is disposed by 2 designated tractor trolley & 1 tractor dumper placer in low lying area	NIL	Nil	8	12	
	42	Pehowa	7831	38853	17	17	Nil	waste is stored at designated collection points and transported to dumping site	waste is disposed by Rickshaw & Tractor trolley in low lying area	nil	nil	40	12	
	43	Ladwa	5625	28887	15	15	3	By Wheel barrow Try Cycle	2 Tractor Trolley, one dumper placer	Nil	Nil	10	18	
Mewat	44	F/Jhirkha	3990	24750	15	15	15	waste is stored at designated collection points and transported to dumping site	Waste is disposed by Tractor trolley in low lying area	nil	No	15	15	
	45	Nuh	2636	16260	13	Our regular employees collected the waste from door to door & collect from all 13 wards and also proposal being prepared for SWM part	As there are no SWM plant hence waste not segregated and proposal prepared	Our regular employees collected the waste by wheel barrow and then dump in tractor trolley	Collection are being made in our employees, now a proper separate agency will be engaged for the same then payment as per Govt. vide order no. 14/153/2011-4C1 dated 24.10.2011 will be charged	Recovery is nil	Proposal prepared	40	40	newly constituted MC

Name of Distt.	Sr. No.	Name of Municipalities	Number of households	Population	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of waste adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto date (Rs. in lacs)	Whether the waste collected is transported in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the colonies / huggles	Designated collection point (in nos.)	Remarks
		1				2	3	4	5	6	7	8	9	10	11
	46	Taaru	4161	22599	13	Tender will be invited as soon as possible	Nil	waste is stored at designated collection points and transported to dumping site	waste is disposed by Tractor trolley in open lying area	-	-	-	Nil	8	-
	47	Punhana	3705	24734	15	2	-	Collection by Tractor Trolley	Dumping by Tractor trolley	Nil	Nil	No	9	8	-
Mahendragarh	48	Narnaul	13990	74581	25	20000 houses approx.	40 quintals 23 wards	8 auto tempo, 5 tractor trolley and 2 Loader	By trolley in open space	-	-	by using 8 auto tempo, 5 tractor trolley and 2 Loader	80	12	-
	49	Mahendragarh	5402	29128	15	15	15	waste is stored at designated collection points and transported to dumping site	dumped in 5 acre land near River Dohan	-	-	-	3 bins in each colony	3 bins in collection points are designated in various localities.	-
	50	Ateji Mandi	1373	7619	11	11	11	By dustbins	By tractor trolley	No	Nil	No	60	20	-
	51	Kanha	2393	12989	13	30 quintals 13 wards	30 quintals 13 wards	In open space by using 03 tractor trolley and 03 camel carts	By trolley in open space	-	-	By using 03 tractor trolley and 03 camel carts	5	15	-
	52	Nangal Chaudhary	1432	8538	13	10 quintals 13 wards	10 quintals 13 wards	In open space by using 01 tractor trolley	By trolley in open space	-	-	By using 01 tractor trolley	-	10	-
Panchkula	53	Panchkula	48772	211355	20	9 wards (by private persons)	9 wards (by Nil)	waste is stored at designated collection points and transported to dumping site	waste is disposed at designated dumping site in Sector 23, Panchkula. The waste is being levelled and covered up by layer of soil.	nil	nil	All types of wastes is dumped by Tractor Trolley R, dumper placers is being transported to the disposal site	25	180	-
Panipat	54	Panipat	60905	295970	24	Door to door collection is taken by NGO Exnora Panipat in three wards, 17, 18 and 19	Only in 3 wards i.e. 17, 18 and 19, Exnora Panipat waste is being segregated by NGO Exnora Panipat	Storage of waste is made in dustbins	waste taken from houses and taken to dumping site at village Nimbri through Tractor Trolley and Dumper Placers	Only in 3 wards i.e. 17, 18 and 19, Exnora Panipat is just engaged.	As the said NGO i.e. Exnora Panipat is just engaged.	All types of wastes is dumped by Tractor Trolley & dustbins to disposal site	47	110	The Govt. has approved a Cluster at Sonapat for treatment of household waste of District Panipat.
	55	Samakha	9128	39710	17	17	Nil	landfill	Tractor Trolley	Nil	Nil	Nil	6	6	Nil

Name of Distt.	Sr. No.	Name of Municipalities	of number of households	of Population	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto date (Rs. in lacs)	Whether the waste collected is transported separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the colonies / Jhuggals	of Designated collection point (In nos.)	Remarks
		1			3	2	3	4	5	6	7	8	9	10	11
Rewari	56	Rewari	28702	143021	31	Nil	Nil	waste is collected by hand Rickshaw/ Wheel Barrows and stored at designated collection points. After ward, waste lifted by JCB machine & Dumper and Transported to dumping system	Waste is disposed at dumping site at village Ramsinghpura	Nil	Nil	No	Nil	35	Nil
	57	Bawal	2962	16776	13	Nil	Nil	waste is stored at designated collection points and transported to dumping site	waste is disposed by designated Tractor trolley in open lying area	Nil	Nil	--	1	25	
	58	Dharuhera	6571	30344	17	Nil	Nil	waste is stored at designated collection points and transported to dumping site	waste is disposed by designated Tractor trolley in open lying area	Nil	Nil	No	20	47	
Sirsa	59	Sirsa	36191	182534	31	20 wards	6 wards	waste is stored at designated collection points and transported to treatment plant	The waste disposed off in open near Ram Bagh Dabwali	Nil	Nil	no	16	16	
	60	Dabwali	10770	52873	21	80%(21 nos.)	16%(21 nos.)	By use of dustbins	The waste disposed off in open near Ram Bagh Dabwali	Nil	Nil	No	46	12	
	61	Ellenabad	6810	36623	17	10 wards	2 wards	waste is stored at designated collection points and transported to dumping site	waste is disposed by designated Tractor trolley in open lying area	Nil	Nil	No	12	6	
	62	Rania	4874	25123	15	8	Nil	Nil	Nil	Nil	Nil	Nil	79	2	
	63	Kalanwalli	4431	22095	15	5	Nil	By making dustbins	Nil	Nil	Nil	No	Nil	7	
Sonepat	64	Sonepat	57740	289333	31	3	3	waste is stored at designated collection points and transported to dumping site	waste is disposed by designated Tractor trolley in open lying area	Nil	Nil	No	14	70	

Name of Distt.	Sr. No.	Name of Municipalities	Number of households	Population	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of user charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto date (Rs. in lacs)	Whether the waste so collected is transported separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the Jhuggies / colonies	No. of Designated collection points (In nos.)	Remarks	
		1			2	3	4	5	6	7	8	9	10	11		
	65	Gohana	12477	65708	23	Nil	Nil	nil	Nil	no	nil	nil	7	10	12	
	66	Gannaur	6863	35603	17	15	15	Landfill	Tractor Trolley	No	No	Yes	15	15	Nil	
	67	Kharkhoda	4651	25051	15	Nil	collected from designated collection point & shifted in Low lying area by 1 no tractor trolley (DC Rate)	Tractor Trolley	No	Nil	no	no	Nil	14		
Yamunanagar	68	Yamunanagar-Jagedhari	72067	341965	20	-	-	-	no	nil	no	10	340		Allotment of contract for door to door collection of waste is in process and likely to be finalized shortly.	
Rohtak	69	Rohtak	75528	374292	20	No. of wards: 6 (7000 houses)	Waste dumped in dustbins and lifted by MC from the dumping points	Waste lifted by dumper from the collection points and dumped on Solid Waste Management site.	MC Nil	Nil	No	1	125		01 (Total 125 points out of which one designated in Jhuggies, 51 small, 32 large dustbins and 22 open dustbins. Total = 105, 5 Tata Ace Vehicles and 250 Rickshaw Reholi, 21 tractor trolleys, 2 dumper placer and 1 refuse compactor deployed in collection of door to door collection)	
	70	Kalanaur	4564	23119	15	nil	Low Lining Area	Attached With Waste Management Plant in C. Rohtak.	With Solid Nil	Nil	Nil	Nil	35	35		Waste will be sent to Solid Waste Management Plant in Rohtak with the help of Tractor Trolley & dumper Placer

Name of Distt.	Sr. No.	Name Municipalities	Number of households	Population	Number of wards	Door to door collections of waste (No. of wards)	Segregation of waste at door step (No. of wards)	Method of storage of wastes adopted by the municipality	Method of disposal of waste adopted by the municipality	Imposition of charges for SWM as notified by Govt. vide letter dated 24.10.2011 (Yes/No)	Collection of user charges upto wide date (Rs. in lacs)	Whether the waste collected is transported separately in different containers/vehicles as per MSW Rules, 2000	No. of dustbins placed in the colonies	No. of Designated collection points (nos.)	Remarks
	71	Meham	3956	20484	15	nil	Nil	waste is stored at designated collection points and transported to dumping site	Nil	Nil	Nil	.	14	14	Waste will be sent to Solid Waste Management plant Rohtak with the help of Tractor trolley & dumper Placer
	72	Sampla	3959	20563	15	15	Nil	waste is stored at designated collection points and transported to dumping site	Nil	no	Nil	.	30	30	-
Karnal	73	Karnal	63280	302140	20	5	5	It is lifted on day to day basis and disposed of in Solid waste Treatment plant	Solid Waste Treatment plant is fully functional.	Nil, residents are voluntarily paying charges to the individuals deployed by the swachhata committees for collection of segregated waste	nil	yes	30	15	As far as remaining 15 nos. wards are concerned, we have provided 130 nos dust bins of 3Cum/1Cum/0.9 Cum capacity at 110 no collection points. The solid waste is lifted from all the points on day to day basis and being disposed of at Solid waste treatment plant as per guidelines / MSW rules 2000. No garbage is left at any collection point
	74	Assandh	5081	27125	15	Proposal is being prepared	is Nil	Waste collected through Trolleys and is being dumped in low lying areas	Waste collected through Tractor Trolleys and is being dumped in low lying areas	Nil	Nil	Nil	15	2	No. sites Assandh is attached with Salwan road & Kaithal cluster under Jind Road cluster based integrated Solid Waste Management Project
	75	Gharaunda	7267	17616	17	Proposal has been prepared for outsourcing the service of door to door collection	Nil	Waste collected through Tractor Trolleys and is dumped in nearby village land in nearby village land fill site	Waste collected through Tractor Trolleys and is dumped in nearby village land in nearby village land fill site	Nil	Nil	no	17	1	at Dinger Mazra Road This Municipality has been attached with Municipal Corporation, Karnal under Solid Waste Management project
	76	Indri	3546	17487	13										Information not received
	77	Nikheri	3008	17938	13	13	no	Sanitary land fill		no			4		

Site Assessment Report submitted by the Transaction Advisor

1. LOCATION - BHUNA SITE - BHUNA CLUSTER

Initiation - Met Mr. Hari Krishna Sharma - Municipal Engineer (ME) 9416355963

Date of visit - 17 June 2015

Map - Available with Transaction Advisor.

Area - As per records - 25 acres - As per calculations - 26.5 acres

Title & Possession - Clear title and in the name and possession of Municipal Council

Discussion - Environmental studies / EIA done of the site. We understand that the site is been especially reserved for the SWM in line with the CM announcement. There is no litigation on the site.

Site Visit -

Access - 5.5 Km road distance from the Bhuna - Fatehabad highway.

Current land use - Agriculture

Site Description - The site is an agricultural land. There are few illegal houses (2-4no.) in each direction near to the land parcel. There is an HPCL gas pipeline route going near the site. The same needs to be checked and mapped on the plan and then to be submitted to TRANSACTION ADVISOR.

Objections /Points to note - There is an HPCL gas pipeline route going near of through the site. The same needs to be checked and mapped on the plan and then to be submitted to TRANSACTION ADVISOR. During the project formation, the cost of an access road of 5.5 Km needs to be considered to the site. Regular power supply is a must for the plant to operate.

Possible Option - considering the Land available at site.

1. 150 TPD -- Compost +RDF + Sanitary Landfill for 20 years
2. 150 TPD -- Only Sanitary landfill - 8 years

Cluster is made of following ULBs cumulatively generating 150 TPD: Bhuna, Tohana, Fatehabad, Uklana Mandi, Barwala, Ratia

2. LOCATION - DABWALI SITE

Initiation - Met Mr. Jaiveer Singh - Municipal Engineer (ME) - 9467677541

Date of visit - 17 June 2015

Map - Available with TRANSACTION ADVISOR

Area - As per records - 8 acres - As per site calculations - 6 acres

Title & Possession - Clear title and in the name and possession of Municipal Council

Discussion - Environmental studies are not done. No EIA done of the site.

Annexure 3

Site Visit –

Access - It is along the East - railway line to Bhatinda -15m

- West - State boundary of Punjab - less than 500m
- North - Crematorium (Common Boundary)
- South - Slaughter house (common boundary)

Current land use - Open Lagoon

Site Description - The site has 3 lagoons where the sewage and storm water of the city comes into the lagoon and is stored. The garbage is also deposited at one edge of the site. The sewer line & treatment project is being taken up, which is likely to get completed in 3-4 months. After this the sewage and the storm water will be diverted to the treatment system.

Objections /Points to note - There is water in the lagoons. Considering a depth of even 1 m minimum, the estimated water at site is about 24,000 m³ or 24 MLD. The situation may improve only after 1 year, after which the site may be considered for a project after looking the situation then.

Possible Option – considering the Land available at site.

No option at least for the next 1 year.

3. LOCATION - SIRSA SITE

Initiation - Met Mr. Suber Singh - Municipal Engineer (ME)
9416527222

Date of visit - 17 June 2015

Map - Not available with TRANSACTION ADVISOR. Requested the ULB to give the same

Area - As per discussion - 13 acres

Title & Possession - Clear title and in the name and possession of Municipal Council

Site Visit –

Access - Good access road present to the site.

Current land use - SWM - Compost plant already being operated at site.

Site Description -The plant was built by NBCC and was being operated by M/s Integral Screw Industries. Presently a new operator has been assigned the job of O & M by the ULB. The EIA has been done. A copy has been requested to the ULB. The plant is designed for 50 TPD but the operator is operating it at 20 TPD due to lack of power. Operating with DG is not economical. Secondly there is no sale of the compost produced at this plant. There has been agitation by the neighbouring plots due to plastic littering and odour problem. The vermicomposting plant is not in operation. The rejects from the compost plant along with direct disposal of waste is being carried out in the Sanitary landfill. (Design/drawings of the SLF have been asked to verify whether there is an SLF built). The waste put in the SLF is not covered with daily soil.

Objections /Points to note - Assured power supply is required to run the plant along with assured take-off for the compost that is being prepared.

Possible Option – considering the Land available at site.

1. Construction of SLF adjacent to the existing SLF
2. Call for a tender for O & M of 50 TPD -- Compost +RDF + Sanitary Landfill

4. LOCATION - AMBALA SITE

Initiation - Met Mr. Shakti Singh – Municipal Commissioner
Mr. M R Sharma – Municipal Engineer (ME) - 9810902159

Date of visit – 18 June 2015

Map – Available with TRANSACTION ADVISOR.

Area – As per records – 17 acres at Patvi

Title & Possession – Clear title and in the name and possession of Municipal Corporation

Discussion - Naraingarh was requested to be included in this cluster. The Environmental clearance has been obtained from Govt of India on 12 March 2015. Consent to operate has also been obtained. M/s Taurant have been asked on 1 June 2015, to start the operations immediately, else the further action as per the agreement can be initiated. Taurant has put in INR 2 Cr, while the ULB has provided land and INR 10 Cr. Taurant has brought RDF machinery to site but do not have the NOC for the same.

Site Visit –

Access – Good access road present to the site.

Current land use – SWM - Compost plant at site – Non-operational.

Site Description – The plant was built by NBCC and was being operated by M/s. Taurant Project Ltd. Presently, the plant is not operational. The waste is brought to site; open dumped and was observed to be burning. The compost plant is designed for 109 TPD. There is only one line of sieving machinery which is not used for a long time. The waste is dumped all over the land. It could not be ascertained if a SLF was built s the whole area is under mounds of waste and could not be accessed.

Objections /Points to note – Ms/ Taurant need to start the operation immediately or the current contract needs to be terminated. Only after that a new RFP for salvaging and putting up a new plant can be taken out.

Possible Option – considering the Land available at site.

1. Closure of the existing waste at site
2. Scrap existing infra and setup new 150 TPD -- Compost +RDF + Sanitary Landfill

Cluster is made of following ULBs cumulatively generating 150 TPD: Ambala, Shahabad, Thanesar, Naraingarh (maybe)

5. LOCATION - ROHTAK SITE

Initiation - Met Mr. Anand Mittal - Junior Engineer (JE) - 8295900916, Mr. Vikas Kumar - JE of NBCC (cell - 8527094133)

Date of visit - 19 June 2015

Map - Not available with TRANSACTION ADVISOR. Map requested with the ULB

Area - As per records - 34 acres

Title & Possession - Clear title and in the name and possession of Municipal Corporation

Site Visit -

Access - Good access road present to the site.

Current land use - SWM - Compost plant at site - under Construction.

Site Description - A 175 TPD Compost and RDF plant is being built by NBCC which is sublet to Hydroair and will be operated by M/s.Hydroair. Presently, the plant is under construction and is expected to start in 2 months. The contract of Hyrdoair is for 30 years of O & M. The waste is brought to site, open dumped in the adjoin area. The height of the waste is in the range of 4-6M above ground covering the full open area. A contour survey is a must to ascertain the amount of waste at site. There are 2 sanitary landfills constructed and have waste being put in 1 of them. The leachate collection system is present but leachate was not observed in the leachate tank. Evaporation pond for evaporating the leachate has also been constructed at site. Hydroair is carrying out some sieving of waste to retrieve some compost from the open dumped waste.

Objections /Points to note - M/s NBCC/Hydroair need to complete the work urgently and start operations.

Possible Option - considering the Land available at site.

1. Based on the results of the above 2 points the possible options can be decided.

6. LOCATION - FARUKH NAGAR SITE

Initiation - Met Mr. Narendra Taneja - Municipal Engineer (ME) 9467192897

Date of visit - 19 June 2015

Map - Available with TRANSACTION ADVISOR.

Area - As per records - 25 acres

Title & Possession - Clear title and in the name and possession of Municipal Council

Discussion - Environmental studies /EIA not done of the site. We understand that the site is been specially reserved for the SWM. There is no litigation on the site.

Site Visit –

Access – Good access road is present

Current land use – SWM – presently dumping waste.

Site Description – The site is cleared for SWM project. There are 2 HT line going over the site, one along the side and the other across. The same needs to be checked and mapped on the plan and then to be submitted to TRANSACTION ADVISOR. An EIA would be required at site. Tube well of PHED is near the site. An industry shed is present adjacent to the site. Many electric poles going through the land parcel. These need to be diverted.

Objections /Points to note – The HT lines need to be mapped to assess the land use pattern in the project.

Possible Option – considering the Land available at site.

1. Based on the HT line mapping, a project can be decided.
2. Primary assessment is that a 150 TPD -- Compost +RDF + Sanitary Landfill for 20 years is possible
3. 150 TPD -- Only Sanitary landfill is also possible. The tenure will be finalised based on the HT line mapping.

Cluster is made of following ULBs cumulatively generating 150 TPD: Farukh Nagar, Haily Mandi, Pataudi, Sohna, Taoru, Nuh

7. LOCATION - KAITHAL

Initiation – Met Mr. S K Goel-9416040004 and Mr. Himanshu Latka (ME) 9671790078

Date of visit – 6 July 2015

Map – Not available with TRANSACTION ADVISOR. Requested the ULB to give the same.

Area – As per records – 5 acres

Title & Possession – Clear title and in the name and possession of Municipal Council

Site Visit –

Access – Good access road present to the site

Current land use – SWM- Open dumping already being carried out at site.

Site Description – The site is a trapezoidal in shape. It has a wall of 2 M high on all sides. The ULB has built a concrete road on the outer side of the wall for access and tipping of waste. There is no manning of the site. The ULB has dug a part of the area which is 30 ft below ground level. There is no lining as can be seen in the photos. The waste is open dumped at site and at times levelled. There is no soil cover being spread on the waste. This has resulted in burning and littering of waste.

Possible Option – considering the Land available at site.

As the site has been dug and waste spread in an improper manner. The ULB needs to spread the waste on regular basis in the 30 ft deep area dug and cover the same with soil so that there is no burning and littering of waste.

Cluster – Kiathal, Pehowa, Cheeka, Kalayat, Rajaund, Pundri, Narwana, Jind, Assandh and Uchana will have to be made into a new cluster

8. LOCATION - HISAR SITE

Initiation - Met Mr. Ramji Lal-Exe. Engr-9812343951 & Mr. Jagdish Chander-AE-9467870799

Date of visit – 6 July 2015

Map – Not available with TRANSACTION ADVISOR. Requested the ULB to give the same.

Area – A) Existing site – 19 acres B) As per records – 32 acres.

Title & Possession – A) Existing Site- Clear title and in Possession- being used for the open dumping of waste at site.

B) New site - The land is available without the ownership. The ULB has applied for the transfer of ownership. NO EIA done of the site as yet.

Site Visit –

A) Existing Site – 19 acres

Access – Good access road present to the site, Compound wall on all sides. Gate is present but there is no person at site.

Current land use – SWM – Open dumping

Site Description – The site is flat. Waste is being dumped in an open manner. No soil cover resulting into problem of odour and littering. Nearest habitation is about 2-2.5 km away. Even then there have been protests at the site. The height of the waste is about 2-3 M spread over a large area.

B) New Identified Site – 32 acres

Access – There is no access road. A road of about 1.2 km long and 20 m wide will have to be built from the existing site.

Current land use – Agriculture land.

Site Description – The site is flat. There is a HT line going nearby. The ULB is informed to confirm if the HT line passes through the identified area. The site is rectangular in shape which is good. The site is more than 300M away from the Highway. The land between the existing and the new site belongs to HUDA. It is understood that this land, if required can be made available for SWM purpose. This is a very good sign considering that land is not available at other sites.

Possible Option – considering the Land available at site.

- A) Existing Site – The site needs to be capped with a proper Closure system and a new sanitary landfill be constructed to accommodate the waste till the new project is put in place. This will help stop the odour and littering problem. This will also help reduce the resistance of the people as it will be a quick solution.
- B) New Site – Considering 32 acres – PI check for the cluster as nearby towns can be added to the cluster.
A 200 TPD Compost, RDF and SLF can be developed for a 30 years period.

9. LOCATION - BAWANI KHERA SITE

Initiation - Met Mr. Amit Kaushik -7876829007 and Mr. Amit Berwal Building Inspector-9812575751 - Email - mc.bawanikhera@gmail.com

Date of visit - 7 July 2015

Map - Available with TRANSACTION ADVISOR.

Area - As per discussion - 22 acres

Title & Possession - Clear title and in the name and possession of Municipal Council

Site Visit -

Access - State highway road touching to the site.

Current land use - Marked for SWM - No waste dumped at site

Site Description - The site is about 5-6 Km away from the main town. The land is touching the State Highway from Hansi to Bhiwani Road. There is a canal which is about 250 M from the site. The site is surrounded by agricultural land. There is an irrigation pipe line on the border of the plot along the Highway. This is not a major hurdle. There are 2 HT lines going through the site. 1 is on the border of the site, not affecting much, but the other HT Line is going through the centre of the site.

Objections /Points to note - Site along the State Highway. Needs to be 200 m away from the state highway or else a 50M buffer zone needs to be kept. HT Line going through the site.

Possible Option - considering the Land available at site.

Cluster - Bhiwani, Loharu, Siwani, Charkhi Dadri and Bawani Khera

1. A 150 TPD Compost, RDF and SLF can be developed for a 20-25 years period.

EXISTING SITE OF BHIWANI

At present the Bhiwani ULB is open dumping the waste in a huge land parcel along the highway, as can be seen from the photos below. This site needs to be capped with a proper closure to avoid any kind of problems at a later stage.

Suggested - Closure system as per the MSW 2000 Rules.

10. LOCATION - RAMSINGHPURA SITE (REWARI CLUSTER)

Initiation - Met Mr. Vijaypal Yadav - Executive Officer, Mr. Basti Ram (ME) - 9416148279 Email - secymc.rewari@gmail.com

Date of visit - 7 July 2015

Map - Available with TRANSACTION ADVISOR.

Area - As per discussion - 14.62 acres

Title & Possession - In possession of Municipal Council but the title is not transferred. Application made to Irrigation & Water Resources Dept(I&WRD)

Site Visit –

Access – National highway (NH-8) road touching to the site.

Current land use – Marked for SWM – Waste dumped at site.

Site Description – The site is about 19 Km away from the main town. The land is touching the National Highway from Jaipur- Delhi. There is a canal touching on the north side of the site. The site is surrounded by agricultural land. The Rewari MC has already started open dumping the waste since last 3 months.

Objections /Points to note – Site along the National Highway. Needs to be 200 m away from the state highway or else a 50M buffer zone needs to be kept.

Possible Option – considering the Land available at site.

Cluster – Bawal, Rewari, Dharuhera, Ateli mandi, Kanina, Mahendragarh, Narnaul and Nangal Chaudhary

A 200 TPD Compost, RDF and SLF can be developed for a 30 years period.

11. LOCATION - PUNHANA CLUSTER

Initiation - Met Mr. Sarfaraj Khan (BI) cell-9813184423/9416905420
Email – sarfarajkhan317@gmail.com

Date of visit – 8 July 2015

Map – Available with TRANSACTION ADVISOR.

Area – Site A – 5.0 acres Site B – 9 & 15 acres

Title & Possession – Both sites clear title and in possession of Municipal Council

Site Visit –

Site – A

Access – road touching to the site.

Current land use – ULB land. Not use.

Site Description – The site is about 4-5 km away from the town. The Site belongs to the ULB. The people have dug the soil and taken it resulting in a pit of 5M deep. Though there is water seen on the photo, it is basically due to rains, the day before. Habitation is more than 1 M away. No HT line issue.

Site B

Access – A road of 1Km will have to be developed to reach the site.

Current land use – Agriculture.

Site Description – The site is about 4-5 km away from the town. The Site belongs to the ULB. Site is leased for agriculture. There is a canal going through the site dividing it into 2 parts – 9 acres and 15 acres each. The canal water is being used for irrigation.

Objections /Points to note – Site B – Canal going through the site. 30M setback line will have to be left, to use this site.

Possible Option – considering the Land available at site.

Cluster – Punhana, Hathin, Ferozpur Jhirka, Hodal

A sanitary landfill in 5 acres to help proper disposal at the Cluster.

12. LOCATION - MURTHAL SITE (SONEPAT CLUSTER)

Initiation - Met Mr. Vivek Gill (ME) - Cell - 9996382221 Email
vivekgill@yahoo.co.in

Date of visit - 8 July 2015

Map - Not available with TRANSACTION ADVISOR. But have requested the ULB to send it

Area - As per discussion - 15 acres

Title & Possession - Clear title and in possession of Municipal Corporation Sonapat.(MCS)

Site Visit -

Access - A road is being constructed by MCS to the site.

Current land use - Marked for SWM - Waste dumped at site.

Site Description - The site is about 11-12 Km away from the main town in Murthal village. The land belonged to Murthal village which has recently been brought under the MCS. The site is surrounded by agricultural land. The MCS was dumping the waste for 2 years, in 10-12 m deep trenches that were dug for taking away the fine sand which is used in construction. This was done when the land was under the Murthal village. Recently, MCS has stopped dumping the waste here. The compound wall work is in progress by MCS. After the formation of the MCS, the total population is 4.80 lacs. The expected waste is 150 to 175 TPD. It is understood that there is land available in the surrounding area and can be acquired. The land use around the site is agriculture.

Possible Option - considering the Land available at site.

- Cluster - Sonapat, Ganaur, KharKhonda and Rai Ind. Estate.
- Panipat waste generation is 200 TPD and hence it should be considered as a standalone case, where a 200/300 TPD waste processing and disposal plant can be put up. The distance between Panipat and Sonapat is also 56 Km.
- A 200 TPD Compost, RDF and SLF can be developed for a 30 years period.