

COMPREHENSIVE STATUS REPORT

IMPLEMENTATION OF MUNICIPAL SOLID WASTE PLAN

IN 8 CLUSTERS

BATHINDA, LUDHIANA,

FEROZEPUR, JALANDHAR,

AMRITSAR, MOHALI,

PATIALA, PATHANKOR



1. BATHINDA

i. Background:

- That this Hon'ble National Green Tribunal appreciated the efforts of the Government of Punjab, Department of Local Govt. on 20.7.2014 and directed to proceed with the Punjab MSW Management Master Plan-2014 for implementation.
- Municipal Corporation, Bathinda has already started the implementation of this Master Plan.

ii. Step already been taken for implementation

a) Preparation of Detailed Project Report (DPR):

- Project Cost is Rs. 66.46 Crores excluding the cost of WTE Plant. Project Capacity is 350 TPD which is to be enhanced to 500 TPD.
- Components: Processing Plant (RDF based), Compost Plant, Waste To Energy Plant and Engineered Sanitary Landfill Facility (SLF).
- Project Site(s): About 20 acre at Mansa Road, Bathinda for Plants and about 36.11 acre at village Mandi khurd for SLF.

b) Getting Environment Clearance:

- After following the due procedure of EC, the Environment Clearance for the project has been obtained in 2013 from the State Environment Impact Assessment Authority (SEIAA).

iii. Project Site(s) Land Acquisition status:

a) Site measuring 20 acres at Mansa Road Bathinda:

- Handed over to the Project Developer i.e. M/s JITF Ltd. for development of Processing Plant. In compliance of the Hon'ble

NGT order dated 15.7.14, 2060 no. of plants have been planted in the 15 metres wide green belt around the site.

b) Site measuring 36.81 acres at Mandi Khurd

- This site is proposed for development of Engineered Sanitary Landfill (SLF) This site is under litigation since 2012 and the case is pending with Punjab and Haryana High Court which has ordered to maintain status quo for this site.

c) Selection of Bidder/ Project Developer:

This Project was awarded in the year 2011 to M/s JITF Urban Waste Management (Bathinda) Ltd.

d) Signing of Concession Agreement:

The Concession Agreement was signed with the Bidder/ Project Developer on 23.11.2011.

e) Start of Work of Collection & Transportation and Dumping (CT&D)

The Work of Collection & Transportation and Dumping was started on 09.12.2011. The daily average collection of the MSW is 110 tonnes.

f) Start of Work of Construction of Processing & Disposal (P&D) Facilities

The work on Processing plant at Mansa Road, Bathinda; **Phase-I**: RDF & Compost Plant is expected to start by November, 2014 and is expected to take one year's time for completion and **Phase-II**: WTE Plant would be constructed within two year's time i.e. by Oct., 2016.

2. LUDHIANA

i. Step already been taken for implementation

a) Preparation of Detailed Project Report (DPR):

- Project Cost is Rs. 104.5 Crores. Project Capacity is 1125 TPD (including C&D Waste) which is to be enhanced to 2238 by the year 2035.
- Components: Door to Door Collection, Primary and Secondary Collection, Transportation for 1325 TPD (including C&D Waste), Compost Facility, Sanitary Landfill Facility (SLF).

Project Site(s): About 49.5 Acres Land at Jamalpur and approximate 33 Acres of land at Jainpur.

b) Getting Environment Clearance:

- After following the due procedure of EC, the Environment Clearance for the project was obtained from the State Environment Impact Assessment Authority (SEIAA) in the year 2013.

ii. Project Site(s) Land Acquisition status:

- About 49.5 Acres Land at Jamalpur and approximate 33 Acres of land at Jainpur is owned by Municipal Corporation Ludhiana.

iii. Selection of Bidder/ Project Developer:

MSW Project was awarded to A2Z Waste Management Company, Ludhiana on 30-11- 2011.

iv. Signing of Concession Agreement:

The Concession Agreement was signed with M/s A2Z Waste Management Company Pvt. Ltd. on 30.11.2011.

v. Start of Work of Collection & Transportation and Dumping (CT&D)

Transportation and Dumping of solid waste was started by the Company in Ludhiana City on 15-05-2012 and Door to Door Collection was started on 01-09-2012. The daily average collection of the MSW is 1160 tonnes.

- The work on MSW Project at Jamalpur is in progress and status of progress is as under:

Sr. No.	Description	Start Date (Proposed as per Bar chart)	Progress in percentage
1	Complete Site Clearance and Leveling	1 Dec 13	20%
2	Boundary Wall	1 Dec 13	5%
3	Tipping Shed	21 Dec 13	25%
4	Processing Shed	21 Dec 13	15%
5	Storage Shed	15 Jan 14	25%
6	Composting Shed	15 Jan 14	Nil
7	Power Room	1 Jan 14	25%
8	D.G. Platform	1 Jan 14	25%
9	Drainage System	1 April 4	Nil
9A	Sanitary Landfill	1 Dec 2013	Nil
10	Leachate Collection & Disposal System	1 July 2014	Nil
11	Inner Roads	1 Jan 2014	Nil
12	Washing Area	1 May 2014	Nil
13	Weight Bridge	16 December	Completed but

		2013	needs rectification as per DPR
14	Office with QC Lab	1 March 2014	Null
15	UG Tank	1 March 2014	Null
16	Security Room	7 Dec 2013	50% Completed
17	High Mast Lighting	21 Dec 2013	50%
18	Green Belt	21 Jan 14	5%
19	Commissioning of Plant and Machinery	1 Feb 2014	Segregation Unit under testing.

vi. Construction Completion and Commercial Operation (COD) Of Project:

- The Hon'ble Punjab and Haryana High Court while disposing the CWP No.3611 of 2009 and CWP No.24367 of 2011 dated 27.11.2013 passed in its order to set up and operational of the Municipal Solid Waste plant within one year i.e. 27.11.2014. As per the directions of Hon'ble Punjab & Haryana High Court Chandigarh Company is to set up and get the plant operational by 30.11.2014.

3. FERROZEPUR

i. **Step already been taken for implementation**

a) Preparation of Detailed Project Report (DPR):

- As per DPR, project capacity is 350 TPD.
- Processing Plant Site: 20 acre of site at Village Beer Chahal, Faridkot.
- Components: Processing Plant (RDF based), Compost Plant, Engineered Sanitary Landfill Facility (SLF).

b) Getting Environment Clearance:

- After following the due procedure of EC, the Environment Clearance for the project has been obtained from the State Environment Impact Assessment Authority (SEIAA) in July, 2014.

ii. Project Site(s) Land Acquisition status:

20 acre of site at Village Beer Chahal, Faridkot is owned by MC.

iii. Selection of Bidder/ Project Developer:

Project was awarded to M/s JITF Urban Waste Management (Bathinda) Ltd. in Dec.,2011; The Company has already started the work as per the Agreement in Jan.,2012. The daily average collection of the MSW is 110 tonnes

iv. Start of Work of Construction of Processing & Disposal (P&D) Facilities

The work on Processing plant **Phase-I**: RDF & Compost Plant is expected to start by November, 2014 and is expected to take one year's time for completion.

i. Step already been taken for implementation

a) Preparation of Detailed Project Report (DPR):

- As per the DPR, the Project Cost is Rs. 92 Crores excluding the cost of WTE Plant.
- **Capacity:** (480 TPD in 2009) and 570 TPD now in 2014, which is to be enhanced to 3.81% per year, TPD commensurate with waste generation as per population growth on increase in area. MSW processing facility comprising of RDF plant to process 700 TPD of MSW, 50 TPD Bio-methanation plant (for processing of organic of MSW), Compost plant (for curing of non-segregated organic waste from rejects of RDF plant) and power plant (6 MW) based on RDF and biogas as primary fuels.

Components: Processing Plant (RDF based), Compost Plant, Waste to Energy Plant and Engineered Sanitary landfill Facility (SLF).

Project Site (s):

About 25 acres of land at Jamsheer near Jalandhar for processing of MSW and 21 Acre of lands near village Piplanwala at Hoshiarpur for SLF.

Getting Environment Clearance:

After following the due procedure of EC and after giving due consideration to the detailed project report, EIA study and general public hearings, the Environment Clearance for the project was obtained from the State Environment impact Assessment Authority (SEIAA) on 30.8.2012.

Project Site (s) Land Acquisition status:

This project is proposed on two different lands. One land is for development of Waste Processing facility and other land is proposed for Scientific landfill (SLF) Site.

- i) **Site measuring 25 acres of land at Village Jamsheer Near Jalandhar:** The land lease agreement of the processing site at Jamsheer has got been executed with JITF in February-2014. Physical Possession of the said land has to be handed over to JITF.
- II). Site measuring 21 acres of lands near village Piplanwala at Hoshiarpur is proposed for development of SLF.

Selection of Bidder/Project Developer:

This Project was awarded in the year 2011 to M/s. JITF Urban Waste Management (Jalandhar) (Jindal Group).

Signing of concession Agreement:

The Concession agreement was executed on 24.01.2012 and 15.05.2012 was fixed as date of appointment.

Start of work:

The agency was to start the work by 15.7.2012.

- As mentioned above, it was expected that 1st phase of project shall be started by 15.07.2012. But the agency could not start the work due to procedural difficulties and was given extension time to time till 30.07.2014 by the Municipal Corporation, Jalandhar.
- The Agency started the identification of wards to start door to door collection of MSW in a phased manner (the Schedule of which is attached herewith. But the Safai

mazdoor Unions of Municipal Corporation, Jalandhar called for a state wide strike.

Present Status:

Project is yet to implement as there is strong agitation from the municipal employees union & matter is pending since 2012. JITF has already set up office cum control room in Jalandhar city, Machinery required for phases has been procured by the company and man power is being hired for the implementation of project in phase manners. For Jalandhar cluster, JITF is going to setup Power plant of 12-15 mega watt capacity and land about 25 Acres for processing plant has already been identified at Jamsheer & EIA clearance (Vide memo no: SEIAA/36377 dated 30.8.2012) has been obtained. Thus once this project is Implemented and provisions related to use, collection, segregation, transportation and disposal of post consumer MSW waste shall be managed and handled by MC Jalandhar scientifically.

5. AMRITSAR

i. Step already been taken for implementation

a) Preparation of Detailed Project Report (DPR):

As per DPR, project capacity is 650 TPD.

- **Processing Plant Site(s):** 25 acres Site is available at Bhagatanwala within Municipal Limits owned by MC.
- **Components:** Processing Plant (RDF based), Compost Plant and Engineered Sanitary Landfill Facility (SLF).

b) Getting Environment Clearance:

- The Environment Clearance for the project is at final stage.
- Selection of Bidder/ Project Developer:
- Bids were invited in January, 2014. Only two bidders participated and bid prices were very high. After several rounds of negotiation, the lowest bidder gave the revised tipping fees of Rs. 1165 per ton for Collection & Transportation of MSW and Rs. 360 per ton for Processing & Disposal of MSW (i.e. combined Rs. 1525 per ton) for all ULBs including MC Amritsar along with user charges of Rs.3 Crore per annum. The MC Amritsar has decided in June, 2014 to do re-bidding; the process will be initiated by 15th of August, 2014.

6. GMADA (Mohali)

i. Step already been taken for implementation

- Preparation of Detailed Project Report (DPR):
- As per DPR, Capacity is 350 TPD.
- Components: Processing Plant (RDF based), Compost Plant and Engineered Sanitary Landfill Facility (SLF).

• Project site Land Acquisition Status:

The land for the said project was to be acquired by GMADA and handed over to Municipal Corporation. GMADA started the process of acquisition of the land and all the clearances like: - NOC from **Ministry of Environment and Forest**, NOC from **Ministry of Defence** and NOC from **Punjab Pollution Control Board** were obtained.

- Municipal Corporation started the bidding process and floated the RFP document regarding MSW project. Bids were received and the process of awarding of contract for the same was in process. GMADA started the process of land acquisition under Land Acquisition Act 1894, and as acquisition of the land was initiated under the **urgency clause**. This acquisition was challenged by the Villagers in the Hon'ble Supreme Court. Hon'ble Supreme Court has quashed the acquisition of 35.18 Acre out of total of land measuring 50 Acre at Village Samgauli.
- Municipal Corporation vide its resolution no. 319 dated 28-05-2014 started the process for Land Acquisition. It was observed that

out of 50 Acre land, acquisition of only 35.18 Acre is unlawful, whereas there is no litigation regarding 14.81 Acre land. So acquisition of 14.81 Acre land is not required, especially when the cost of award will be doubled more as compared to 2012, under the new act. Thereafter Commissioner Municipal Corporation then wrote a DO to Chief Administrator GMADA for de-notification of 14.81 Acre, so that acquisition of total land measuring 50 acre can be initiated again at the earliest.

7. PATIALA

20.0 acres of land of Gram Panchayat, Dudhar is finalized and possession taken thereof. After signing the land lease agreement, preparation of DPR and Bidding process will be started soon.

8. PATHANKOT

The site measuring 40 acres is finalized at village Deriwal. The land is Panchayat land which is being included in the Municipal Limits by extending the same for which final notification is likely to be issued in August, 2014. After, the ownership of land vests with MC, preparation of DPR and Bidding process will be started soon.

