

Annexures

(Waste Supply Agreement)

1. CLUSTER ULBs
 2. QUANTITIES OF MSW
 3. COPY OF FINANCIAL PROPOSAL
(COPY OF BASE TIPPING FEE(S) QUOTED
BY THE SELECTED BIDDER)
 4. TIPPING FEES INDEX
 5. APPLICABLE APPROVALS & RESPONSIBILITIES-
INDICATIVE LIST OF APPROVALS / CLEARANCES
 6. DATA SHEET
 7. TIPPING FEE FUND
 8. REPORTING REQUIREMENT
 9. COPY OF LOI ISSUED TO BE ATTACHED
-

CLUSTER ULBS

“Cluster” or “GMADA Cluster” includes the Urban Local Bodies, as listed below, which together form a cluster for setting up of MSW Processing Facilities and Sanitary Landfill Facilities. As shown below, GMADA Cluster includes the Municipal Corporation of Sahibjada Ajit Singh Nagar (Mohali) and 14 Other Cluster ULBs.

“Cluster ULB” means any ULB included in GMADA Cluster as shown in the list below.

“Other Cluster ULBs” mean the ULBs in GMADA Cluster except the Municipal Corporation of Mohali.

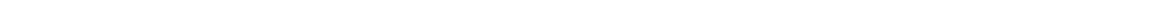
Quantities of MSW

S. No.	Concessio ng Authority	Cluster ULBs	Assured Quantity of MSW (MT, in Base Year)	Minimum Assured Quantity of MSW (MT, in Base Year)
1	Municipal Corporation of Mohali	Municipal Corporation of Sahibjada Ajit Singh Nagar (Mohali)	112	90
2		Name of Authority Rupnagar- Municipal Council of Rupnagar	25	20
3		Morninda- Municipal Council of Morinda	8	6
4		Gobindgarh- Municipal Council of Gobindgarh	33	26
5		Sirhind- Municipal Council of Sirhind/Fatehgarh Sahib	20	16
6		Bassi Pathana-Municipal Council of BassiPathana	7	6
7		Kharar-Municipal Council of Kharar	43	34
8		Kurali-Municipal Council of Kurali	12	10
9		Zirakpur-Municipal Council of Zirakpur	87	70
10		DeraBassi-Municipal Council of deraBassi	10	8
11		NayaGaon-Nagar Panchayat of NayaGaon	21	17
12		Banur-Municipal Council of Banaur	6	5
13		Rajpura-Municipal Council of Rajpura	40	32
14		Chamkaur Sahib-Nagar Panchayat of Chamkaur Sahib	5	4
15		Lalru-Municipal Council of Lalru	7	6
		TOTAL	436	350
Note(s) :				
a) The Assured Quantity of MSW will increase by 1.5% per annum, starting from base year 2017 for ULBs viz. SAS Nagar (Mohali) and Zirakpur.				
b) The Assured Quantity of MSW will increase by 1% per annum, starting from base year 2017 for remaining all other Cluster ULBs (i.e. except SAS Nagar (Mohali) and Zirakpur).				

Annexure-2

Financial Proposal

(Copy of Base Tipping Fee(s) quoted by the Selected Bidder)



TIPPING FEES INDEX

Tipping Fee (s) quoted by the Selected Bidder [X1, (X2,n) and X3] shall be applicable for the Financial Year in which COD-CTP&D is achieved. This Tipping Fee shall be increased every two years starting from the Financial Year of COD-CTP&D.

For any given Financial Year (t) during the Term, X1, (X2,n) and X3 shall be revised as follows:

$$X_{(t)} = X_{(t-2)} * [50\% * \text{Inflation CPI-IW}_{(t)} + 50\% * \text{Inflation-WPI All commodities}_{(t)}]$$

Where:

‘X’ means the Tipping Fee(s) i.e. X1, (X2,n) and X3, as the case may be;

‘t’ would represent the years i+2z, with ‘i’ representing the Financial Year of COD-CTP&D and ‘z’ is a whole number;

‘X’ means the Tipping Fee(s) i.e. X1, (X2,n) and X3, as the case may be

Inflation CPI-IW_(t) = Percent increase in All India Consumer Price Index for Industrial Workers between December (t-1) and December (t-3).

Inflation WPI-All Commodities_(t) = Percent increase in Wholesale Price Index for All commodities(monthly average) between December (t-1) and December (t-3).

APPLICABLE APPROVALS & RESPONSIBILITIES
Indicative List of Approvals / Clearances

S. No	Approval / Clearance	Application to be filed by	Responsibility to obtain clearance
1.	Prior environmental clearance from Ministry of Environment & Forests (MoEF)	Filed	Obtained
2.	Site Authorization under MSW Rules from Punjab Pollution Control Board. (PPCB)	Filed	Obtained
3.	Chimney Height Clearance from Airport Authority of India, if required.	Filed	Obtained
4.	Consent to Establish under Air and Water Act from PPCB	Concessionaire	Concessionaire (Authority/DLG would provide facilitation)
5.	Clearance from Groundwater Board, if required	Concessionaire	Concessionaire (Authority/DLG would provide facilitation)
6.	Tie-up for marketing of products produced from the facility, which may be Refuse Derived fuel, compost/manure, etc.	Concessionaire	Concessionaire
7.	Consent to Operate under Air and Water Act from PPCB	Concessionaire	Concessionaire

DATA SHEET

Data Sheet – Other relevant details

Language: English

Currency: Indian Rupees (INR)

Address of Concessioneing Authority: Municipal Corporation of _____
Punjab
Phone No.
Tele Fax:

Address of Concessionaire: M/s _____ Waste Management Company Pvt. Ltd.

Phone No.
Tele Fax:..... E-mail:

Address of Confirming Party: Department of Local Government (DLG)

Punjab
Phone No.
Tele Fax:

Address of Deputy Director of Region (DDR): _____
Punjab
Phone No.
Tele Fax:
E-mail:

Tipping Fee Fund

The Authority shall create a fund account under the name Tipping Fee Fund with a nearest scheduled or nationalized bank in Punjab. The Tipping Fee Fund shall remain active during the entire Term of the Agreement.

The Authority shall deposit and maintain in the Tipping Fee Fund, an amount equivalent to the amount payable to the Concessionaire for three (3) months. The amount that shall be deposited and/or maintained in the Tipping Fee Fund shall be calculated as below.

Reporting Requirement**(A) Operation Documents**

The Concessionaire shall submit documents required by the Authority, which include but not limited to following:

1. To submit the monthly Log sheet covering quantity of MSW processed and Residual Inert Matter disposed off at Sanitary Landfill Facility.
2. Operation and Maintenance Manual
3. Quality Assurance plans for various Project Facilities
4. Insurance policies
5. Details of end products, bye products.
6. List of Concessionaire's staff and duties assigned to each

(B) Operation and Maintenance Manual

The Concessionaire shall agree the contents of the Operation Manual in consultation with the Authority. An indicative content of the Operation & Maintenance Manual is provided below:

1. Descriptive overview of the whole of the works
 2. Descriptions of all systems installed, including mechanical, electrical, instrumentation, control systems with relevant design and operating parameters
 3. Descriptions of all equipment supplied including manufacturer's leaflets, which shall be scheduled for easy reference
 4. Schedules and manufacturer's catalogues for all equipment supplied, giving duties, electrical load, etc
 5. Schedules of all equipment suppliers (and their local agents) including names, addresses, telephone, fax and e-mail numbers
 6. Start-up, operation and shut down instructions for all parts of the works. These shall include step by step directions on setting the facility to work listing all adjustments and settings necessary for the current functioning of the Facility.
 7. Instructions on monitoring of Project Facility's performance and sample log sheets for each plant item, to be filled by Concessionaires on a routine basis.
 8. "Do's" and "Don'ts" in Project Facility operation. Concessionaire's attention shall be drawn to all operations considered to be dangerous to Concessionaires or likely to cause damage to the Project Facility
 9. Procedures to deal with breakdown and emergencies
 10. Fault locations and remedy charts to facilitate tracing the cause of malfunctions or breakdown and correcting faults
 11. Complete list of recommended materials
 12. A 'spares schedule' which shall consist of a complete list of time wise spares for all Project Facility items with ordering references and part numbers
 13. A complete list of manufacturer's instructions for operation and maintenance of all bought out equipment. The list shall be tabulated in alphabetical order giving the name of supplier / manufacture, identification of the Project Facility
-

- item giving the model number and the literature provided including instruction leaflets and drawing numbers.
14. Step by step procedure for the dismantling, repair and re-assembly of all items of equipment
 15. Part-list and drawings or exploded diagrams for each item of Project Facility with construction particulars, materials of construction, matching components, clearances and tolerances, maximum wear permitted before replacements are to be done, etc.
 16. Record drawings of all systems installed, including general arrangements, conduit and writing trunking systems, wiring diagrams, control schematics and valve charts, etc. to a reduced scale.

(C) Form of Annual Report

An Annual report will be produced which will summarize the previous year's activities and relate these to the Annual Operating Plan for the same period, thus highlighting any anomalies as well as successes. Any anomalies will be redressed by the inclusion of remedial measures in the next years operating plan. The Annual report will include, but not limited to, the following items;

1. An executive summary containing the main achievements of the previous year, with special mention of Performance Indicators and Levels of Service
 2. A report on quantitative data relating to MSW processed and Residual Inert Matter disposed off at Sanitary Landfill Facility.
 3. A report on volumes of leachate collected and treated
 4. A report on quantitative data relating to end products ,bye products
 5. A report on ground water quality data and other environmental monitoring
 6. A report on compliance to authorization and other regulatory norms
 7. Details of maintenance activities carried out in the previous year including the number of non scheduled activities (breakdowns), any major problems encountered and how they were solved and a report summarizing the major refurbishment and replacement activities.
 8. A report on billing activities
 9. A report on Personnel issues including no's of personnel by department, leavers and joiners, training undertaken across the operations function, accident statistics and absenteeism levels due to sickness
-

Annexure -8
(Copy of LOI issued to be attached)