

REQUEST FOR PROPOSAL

FOR

**OPERATION AND MAINTENANCE OF INTEGRATED MUNICIPAL SOLID WASTE MANAGEMENT PLANT FACILITY
(PROCESSING AND DISPOSAL) AND MATERIAL RECOVERY FACILITY CONSIDERING EXISTING PLANT,
MACHINERY & FRESH WASTE GENERATION.**

By

TEZPUR MUNICIPAL BOARD

**OFFICE OF THE
TEZPUR MUNICIPAL BOARD
TEZPUR:.....SONITPUR**

Ref: TM/PWD/SWM/2020-21/ 1458

Date: 30/11/2023

REQUEST FOR PROPOSAL (RFP)

Tezpur Municipal Board invites sealed proposals from reputed, qualified and experienced companies/firms/NGOs etc. for operation and maintenance of Integrated Municipal Solid Waste Management Plant Facility (processing and disposal) and Material Recovery Facility considering existing plant, machinery & fresh waste generation. The plant facility is located at Morabharali, Tezpur, Sonitpur, Assam. Detail terms & conditions may be downloaded from Tezpur MB website www.tezpurmb.in. If any date specified herein is a holiday, then the next working day will be considered for the activity and the time will remain the same.

SCHEDULE FOR RFP PROCEDURE

Name of the work	Operation and maintenance of Integrated Municipal Solid Waste Management Plant Facility (processing and disposal) and Material Recovery Facility considering existing plant, machinery & fresh waste generation. The plant is facility is located at Morabharali, Tezpur, Sonitpur, Assam
Last date for submission of the RFP	Up to 2.00 PM on 12/12/2023
Site Visit for interested parties	Up to 2.00 PM on 11/12/2023
Opening of RFP & Venue	13/12/2023 at 2.00 PM, Conference Hall of Tezpur MB
Place of Opening of Proposal	Office of the Tezpur Municipal Board, Post Office Road, Near Head Post Office, Tezpur, Pin-784001, Sonitpur, Assam
Address for communication/submission of sealed proposal	Tezpur Municipal Board Post Office Road, Near Head Post Office, Tezpur-784001 Email: chairmantmb@gmail.com Contact No.- 8638720966, 6001102380

The Tezpur MB reserves right to change the above dates, without assigning any reason.

Executive Officer

Tezpur Municipal Board, Tezpur

Memo No.: TM/PWD/SWM/2020-21/ 1458

Copy forwarded to:

1. The Director of Municipal Administration & the Mission Director, SBM (U), Assam, Dispur, Guwahati-06, for favour of kind information
2. The District Commissioner, Sonitpur, Tezpur, for kind information.
3. The District Information officer (DIPRO), Sonitpur, Tezpur, requested to ensure wide publication of this RFP in one Assamese and one English local newspaper and one in national newspaper.
4. All AEs/JEs of Tezpur Municipal Board, for kind information.
5. The MODI committee, for kind information.
6. The Head Assistant, Tezpur Municipal Board, for kind information.
7. The Notice Board, Office of the Tezpur Municipal Board, Tezpur.
8. Concerned file

Executive Officer

Tezpur Municipal Board, Tezpur

Chairman

Tezpur Municipal Board, Tezpur

Date: 30/11/2023

Chairman

Tezpur Municipal Board, Tezpur

Page-2

REQUEST FOR PROPOSAL OPERATION AND MAINTENANCE OF INTEGRATED MUNICIPAL SOLID WASTE MANAGEMENT PLANT FACILITY (PROCESSING AND DISPOSAL) AND MATERIAL RECOVERY FACILITY CONSIDERING EXISTING PLANT, MACHINERY & FRESH WASTE GENERATION.

1. City Profile

Tezpur is a town in Sonitpur district, Assam state, India. Tezpur is located on the banks of the river Brahmaputra, 175 kilometers (109 mi) northeast of Guwahati, and is the largest of the northbank cities. Tezpur was under the rule of the Koch dynasty in the 9th century, and later became apart of the Ahom kingdom in the 16th century. Modern Tezpur is a cultural and educational hub, home to a number of archaeological sites, temples, and monuments.

Tezpur Municipal Board is responsible for the Municipal Solid Waste Management of Tezpur within municipal area as per the Municipal Solid Waste Management Rules, 2016. Tezpur Municipal Board is determined to improve the process of Municipal Solid Waste (MSW) management in Tezpur at Morabharali, Balichapori in the State of Assam and in pursuit of the same has invited proposal for operation and maintenance of Integrated Municipal Solid Waste Management Facility (processing and disposal) and material recovery facility considering existing plant, machinery & fresh waste generation.

Sl. No.	Particulars	Tezpur MB
1	Total no. of Wards	19
2	Total Area	7.10 sq.km
3	Total Population as per 2011 census	58559
4	Total Household as per 2011 census	13749
	Climate & Rainfall	Tezpur's yearly temperature is 26.02°C (78.84°F) and it is 0.05% higher than India's averages. Tezpur typically receives about 77.84 millimeters (3.06 inches) of precipitation and has 56.46 rainy days (15.47% of the time) annually
5	Literacy Rate	90.17% during 2011
6	Total Municipal Waste generated (TPD) (At present)	36.58 (Approx.)
7	Location of the SWM plant site	Morabharali, Balichapori, Tezpur, Sonitpur
8	Total Area of the plant site	40 Bigha
Details of Existing Processing Plant		
9	Trommel Waste Composting Machine	Handed to Tezpur MB by Air Force, Sonitpur in 2011
10	Capacity	50 TPD
11	Organic Waste Converter Machine	2(Two) nos, Capacity- 500kgs each per day.

2. Details of Waste Processing Plant and Machinery located at Morabharali, Tezpur

At present Tezpur MB have Trommel Waste Composting Machine with trommel screen size of 30mm, 16mm & 4mm with processing capacity of 50TPD and 2(Two) nos. of Organic Waste Converter Machine with Capacity of 500kgs each per day located at Morabharali, Tezpur. The Trommel waste composting machine was handed to Tezpur MB in the year 2011 by the Air Force Tezpur, Sonitpur. The entire waste is collected by the Tezpur MB through hired NGOs/Pvt. Organizations etc. and taken to existing dumpsite located at coordinate 26°37'56.3"N, 92°48'53.1E, Morabharali, Tezpur.

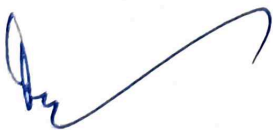
3. Scope of Work

1. Processing of fresh waste using existing Plant and Machinery at Municipal Solid Waste Management Plant located at Morabharali, Balichapori, Tezpur
2. Initial overhauling of the machinery & weighbridge, as required to make the plant fully operational, including supply of Consumables for overhauling.
3. Arrangements for Stamping and Certification of Weigh Bridge, excluding the Statutory Fee.
4. Providing Vehicles, Material Handling Equipments etc. required for operation of the plant, POL and Manpower for operation of the same, PPEs for Operators, repair & maintenance of such equipment and vehicles.
5. Providing all necessary manpower for the Plant Operation and Material Recovery Facility (MRF) operation. Welfare of the supplied manpower including providing PPEs, regular Health Check up etc.
6. Regular maintenance of Plant and Machineries including supply of consumables like Lub. oil, Electrical consumables and other miscellaneous consumables.
7. Ensure total stabilization of the waste dump, so that no offensive odors or leachates generates.
8. Handling, shifting, packaging, stacking the finished product of Municipal Solid Waste Management Plant at storage shed / warehouse, keeping those ready for disposal.
9. Manual segregation of waste into paper, plastic, metals, hazardous waste substances etc. and maintenance of proper record in an MRF (Material Recovery Facility) center on daily basis.
10. Suitable packaging the recovered materials, provide manpower and materials for packaging the same and stacking the same at shed / warehouse for disposal.
11. Handling and due disposal of Hazardous waste, Sanitary Waste and C&D, if detected, as per guideline.
12. Regular Maintenance and upkeep of the Weigh Bridge.
13. Book Keeping and Maintenance of proper records of daily Plant operation and MRF including recording entry and exit of garbage Vans and submit copies of the same to the Tezpur MB authority at regular interval or on demand.
14. Ensure Compliance of Municipal Solid Waste Management Rules, 2016.

4. Exclusions from the Scope:

1. Power Bills – All existing liabilities and future liabilities to be generated from the Plant operation will be directly settled by the Municipal Board with APDCL.
2. Statutory Fee of Stamping and Certification of Weigh Bridge.
3. Any expenditure of Capital nature arising out of break-down of the Plant in Operation (For instance, Replacement of Electric Motor, Rubber Conveyor Belt etc.). Such expenditure will be borne by Tezpur Municipal Board.
4. Collection and Transportation of Municipal Waste from sources.
5. Disposal of Finished Product.
6. Disposal of Bio-Medical Waste.

A DETAIL WORKING PLAN ALONG WITH COST ANALYSIS REPORT TO BE SUBMITTED BY THE PARTY ALONG WITH THE PROPOSAL.



5. Objective

The objective of the proposal process is to operate the existing Trommel Waste Composting machine and handling of fresh waste as per Solid Waste Management Rules, 2016 and Hon'ble NGT guidelines located at Morabharali, Tezpur, Sonitpur. The expected outcome is to address waste minimization, maximize resources recovery, and disposal of waste at zero waste concept. The resources recovery aspect outlines segregation, composting and recycling.

6. Brief description of the Selection Process

Party shall have to present their present their Power Point Presentation (PPT) as per scope of work to the Evaluation Committee before finalization of the proposer. The party may visit the office of the Tezpur Municipal Board and the Project site and review the available documents and data at mentioned date and time prior to Proposal due date. During the course of site visit, the party will be free to seek their clarifications. The details of the contact persons specified below:

Shri Bijit Katakee, Assistant Engineer - 8638720966

Miss Anjuma Mahela City Project Officer SBM (U) – 9706789880

Address- Tezpur Municipal Board, Post Office Road, Near Head Post Office, Tezpur-784001

6. Submissions address for RFP

The proposal should be submitted to:

The Chairman/Executive Officer,
Tezpur Municipal Board, Post Office Road,
Near Head Post Office, Tezpur-784001

Envelopes should contain the following information to be marked at the top in bold letters: **“REQUEST FOR PROPOSAL FOR OPERATION & MAINTENENCE OF INTEGRATED MUNICIPAL SOLID WASTE MANAGEMENT FACILITY (PROCESSING AND DISPOSAL) AND MRF AT MORABHARALI, TEZPUR.** No party shall submit more than one proposal against this RFP. Any party submitting more than one proposal shall be disqualified automatically.

7. Cost of Proposal

The party shall be responsible for all of the costs associated with the preparation of their Proposals and their participation in the Selection Process including subsequent negotiation, visits to the Authority, Project site etc. The Authority will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the Selection Process. Tezpur Municipal Board shall reject the proposal, if the proposal submitted by the party is declared non-responsive/non-qualified/lack of experience or if the proposal is not as per the Format(s) provided in the RFP document.


Executive Officer
Tezpur Municipal Board


Chairman
Tezpur Municipal Board
Tezpur