

Expression of Interest (EOI)



Collection and processing of Banana related waste of Koyambedu Wholesale market Complex on a revenue sharing model.

**Market Management Committee
Koyambedu Wholesale Market Complex
Koyambedu, Chennai – 600 107.**

Date:11.07.2024

Invitation for Expression of Interest (EOI) for Collection and processing of Banana related waste of KWMC on a revenue sharing model

Koyambedu Wholesale Market Complex (KWMC), one of Asia's Largest Market has been established in 1996 with an objective of decongesting the central business district. The Wholesale Market is functioning with Flower, Fruit, Vegetable Markets and Food Grain market which was established in 2016. The Koyambedu Wholesale Market has been located in the heart of Chennai District and is easily accessible for the residents and traders, by all modes of transport.

The Koyambedu Market Complex spreads over an area of 86 acres and has 3855 shops (Vegetable-1951 , Fruit-941, Flower-471 & Food Grain-492).

The overall day to day maintenance work is being carried out by Market Management Committee (MMC) which is governed by Tamilnadu Specified Commodities (Regulation of Location) Act 1996 and headed by Chief Administrative Officer(CAO).

The total quantity of goods arrival per day at KWMC is 6500 tonnes and the quantum of waste generated from the market complex is around 200 tonnes per day out of which 70 tonnes is of Banana related waste. MMC envisages to dispose the banana related waste to valorize the above waste. The Banana related waste is to be treated with all applicable laws and regulations as per the latest guidelines issued by Municipal Solid Waste Management rules 2016.

Accordingly, the Chief Administrative Officer, Market Management Committee invites **“Expression Of Interest”** (EOI) for Collection and Processing of Banana related waste from specialized agencies/organizations dealing with similar works on revenue sharing model.

Those interested agencies/organizations may download the EOI document from the websites www.tntenders.gov.in and www.cmdachennai.gov.in from **12.07.2024 to 29.07.2024** up to 3.00 PM.

A clarificatory session in the office of the Chief Administrative officer, Market Management Committee, Koyambedu, Chennai-600107 scheduled at 3.00p.m on 22.07.2024 shall be utilized. Queries for clarification, if any shall reach this office by post or by mail addressed to caommc2012@gmail.com on or before 03.00 pm of 23.07.2024

Last date for receipt of ‘Expression of Interest’ online through the website (www.tntenders.gov.in) is 30.07.2024 upto 3.00 pm.

-sd/-
Chief Administrative Officer
MMC,KWMC

Expression of Interest for Collection and processing of Banana related waste on a revenue sharing model

Market Management Committee, Koyambedu Wholesale Market Complex solicits submission of Expression Of Interest for “Collection and Processing of banana related waste of KWMC on a revenue sharing model”.

“Expression Of Interest” is hereby called for from companies/organizations/individual, with a proven / recognized technology in processing banana related waste and to handle the waste ranging from 70 to 75 tonnes on daily basis. Banana related waste here refers to banana leaves, banana stem, banana peduncles etc., out of which banana leaves and banana peduncles constitute the maximum share.

The details of composition of waste generation from the market daily is furnished here below for reference:

I.COMPOSITION OF WASTE GENERATED:

Nature of Waste	% in Composition	Quantity in Tonnes/per day
Vegetable Waste	36	72
Fruit Waste	19	38
Flower Waste	5	10
Banana related Waste	36.5	73
Packaging Material (Hay, Straw, Paper etc.,)	2.5	5
Non Organic Waste (Stones, Plastics, Wood	1.0	2
Total	100	200

The location of the market complex can be accessed through the following link:

www.google.com/maps/place/Wholesale+Market+Complex

The specific location where the trading of banana happens is given as Annexure to this document (Annexure-II)

The processing should be in compliance with the Municipal Solid Waste Management rules 2016 of Central Pollution Control Board, Guidelines of Government of India.

“Expression Of Interest” is invited from interested parties who are involved in adoption of suitable technology for “Collection and Processing of Banana related waste” and make products like :

- a) Garments
- b) Cups, Plates
- c) Vermicomposting
- d) Biodegradable fuel etc.,

The above list is not exhaustive and other technologies can also be proposed.

The Market Management Committee desires to get a share out of the revenue generated out of the waste collected and processed following a revenue sharing model.

The proposal should have full detail of IPR ownership /Licenses involved, MMC reserves the right to seek additional detail as may be required from the original holder of such IPR/Copyright or the licensor as the case may be.

II. BACKGROUND

The Koyambedu Wholesale Market Complex was established by CMDA, having an area of 86 acres and having 3855 shops (Vegetable-1951 shops, Fruit-941, Flower-471 & Food Grain-492 shops). KWMC is one of the largest markets which has a footfall of 1 Lakh population daily and around 15,000 vehicles are entering into the market for trading activities. The above complex is maintained by MMC since its inception from 1996.

The Market Management Committee is an autonomous body that oversees the day to day maintenance of the market, one of which is disposal of solid wastes getting generated inside the market complex.

The total quantity of goods arrival per day at KWMC is 6500 tonnes and the quantum of waste generated from the market complex is around 200 tonnes per day, out of which approximately 70 tonnes or more per day and approx. 2100 tonnes per month is of Banana related waste.

III. SCOPE OF WORK

For Collection and processing of banana related waste, MMC invites "Expression of Interest" (EOI) from reputed agencies/organizations having experience in solid waste management and processing and also have adequate experience in Collection and Processing of Banana waste. The interested parties may submit their 'Expression of Interest' to collect and process the banana related waste, thereby adding value to the waste collected and to monetize the value-added products and sharing the revenue generated in percentage of "gross revenue".

Further, the technology used for processing has to hold appropriate certification from statutory authorities.

Broadly, the tentative scope of the work would include:

1. Collecting the banana related waste from KWMC and processing the same in a Processing Facility that is adequately designed to handle and process banana related waste (Biodegradable) on daily basis and there will be no dropping of waste during transportation..
2. The Capital cost towards land and the machineries involved in the processing have to

be borne by the interested agencies/organizations themselves.

3. Utilizing the processed waste to make value added products viz. Garments, cups/trays making, bio degradable fuel etc., the list of which is not exhaustive.
4. Sharing the revenue generated in percentage of "gross revenue" (i.e) Share proportionate to revenue generated by utilization of waste from KWMC and willing to share the revenue to MMC on agreed terms.

IV. INTERESTED COMPANIES/APPLICANTS ARE REQUESTED TO FURNISH THE FOLLOWING INFORMATION TO MMC, KWMC ALONG WITH A SIGNED DECLARATION(with company stamp) OF INTENT:

1. DETAILS OF COMPANY/ORGANIZATION

Please provide details of the entity(s) which is/are submitting an Expression of Interest for the project:

- a) Name
- b) Legal Status (Company: Public/Private, Partnership, Limited LiabilityPartnership, Sole Proprietorship, Any order)
- c) Country of Incorporation
- d) Date of establishment in DDMMYY format
- e) Principal place of business
- f) PAN registration
- g) Contact details of designated representative
 - i. Name
 - ii. Designation
 - iii. Address
 - iv. Phone No./Fax No./E mail

The **company may provide** above-mentioned information in a clear tabular form as per the Table given below:

Name of Company with Complete Address	Key Person of the Company	Turnover/Income of the Company in preceding Years (if any)	Number of Similar Projects	Revenue percentage share with client

2. DETAILS OF THE TECHNOLOGY PROVIDER (IF DIFFERENT FROM THE AGENCY)

Please provide details of the entity whose technology is being proposed by the agency for collection and processing the banana related waste:

- a. Name
- b. Legal Status (Company: Public/Private, Partnership, Limited Liability Partnership, Sole Proprietorship, Any order)
- c. Country of Incorporation
- d. Date of establishment in DDMMYY format
- e. Principal place of business
- f. Contact details of designated representative
 - i. Name
 - ii. Designation
 - iii. Address
 - iv. Phone No./Fax No./E mail
 - v. Any Academic Institute support for technology

3. TECHNOLOGY PROPOSED AND DETAILED COST ANALYSIS

Please provide the details of technology used in the proposed banana related waste collection and processing:

3.1 TECHNOLOGY

- a) Suitability of organic waste treatment technology for treating banana related waste processing facility .
- b) Plan for monetizing the by-product from waste
- c) Strategy for managing the Technology for Waste Management (repairs, maintenance, patenting, etc.).
- d) Any other issues related to use of technology.

Note: The Company may provide above-mentioned information in a clear tabular format.

3.2 ESTIMATED COST

Estimated Capital Cost	Estimated O&M Cost	Funding Structure	Capital Investment by the Company

4. CREDENTIALS/EXPERIENCE IN HANDLING SIMILAR PROJECTS

Please provide the details of projects based on the company's proposed waste processing technology with a similar capacity that have been completed, or are in the stage of completion by the company. Mention projects in ascending order of capacity, and furnish the following for each project:

- a) Name of the Client / Public Authority awarding the project
- b) Date of completion of the project (in MMY format)
- c) Scale of the project (Daily processing capacity)
- d) Type of waste processing technology used (Brief note on technology used to be given in 100 words including the capability, turnover, similar works handled, technology utilized, revenue generated, any facility for bio fuel plant etc.).
- e) Type of product made from the banana waste
- f) Operation mode - Manual operation/Automated operation:
- g) Frequency of receipt of waste, all 7 days of week, all 365 days inclusive of monsoon season, rainy days. (Yes/No)
- h) Input / Output streams and yields
- i) Environment management plan
 - i. Emissions (indicate type of pollutants, emission levels, emission control technologies in place)
 - ii. Inert waste (indicate quantity generated as % of input stream, composition, on-site/off-site disposal mechanism in place)
 - iii. Other waste (indicate quantity generated as % of input stream, composition, on-site/off-site disposal mechanism in place)
 - iv. Leachate (indicate quantity generated as % of input stream, composition, on-site/off-site treatment mechanism in place)
 - v. Odour (describe odour management plan in place)
- j) Scope of work of the company

- k) Duration of contract
- l) Any risks perceived for success of the project and risk mitigation mechanisms undertaken.
- m) Any environmental certification or ISO certification in case the waste is used for bio fuel.

5 . ANY OTHER ADDITIONAL INFORMATION RELEVANT TO PROPOSAL

[NOT MORE THAN 500 WORDS]

V. GENERAL INFORMATION FOR RESPONDENTS:

1. The purpose of this EOI is to solicit Collection & processing of banana related waste generated at KWMC thereby monetizing the waste on a revenue sharing model in an environment friendly manner.
2. This EOI does not constitute a solicitation or a promise of a solicitation in the future and shall not be construed under any circumstances as a pre-requisite or prequalification procedure. As such, this EOI is not to be considered as a request for proposals or as a tender or any Procurement Action. This EOI shall not, under any circumstances, constitute any commitment on MMC to negotiate with any or all interested parties, nor to enter into any agreement for provision of services at this stage.
3. Moreover, to preclude any doubt, it is emphasized that MMC shall have the right to reject, in whole or in part, any opinion, conclusion or information delivered to it through this EOI. MMC shall also have the right to use the information presented and/or submitted to it for the purpose of planning and preparing a tender or any other procedure, should MMC decide to implement one.
4. MMC shall not be bound to accept and/or consider any Response and it does not undertake herein any commitment whatsoever towards any of the interested parties. MMC may ignore any Response which lacks information or has unclear details. The firm may be called to give presentations before a committee.
5. It does not create any obligation on MMC's part to commence, continue or complete any purchase procedure and/or to act in any other method of acquisition, and MMC shall act

at its sole and absolute discretion in this respect. This EOI does not commit MMC to contract for any supply or service or to publish any tenders or any other further procedure. MMC will not be obligated to pursue any particular acquisition alternative as a result of this EOI.

6. MMC shall not be charged in any manner for the submission of information in accordance with this procedure. Respondents are advised that MMC will not pay for any information or administrative costs incurred in response to this EOI. All costs associated with responding to this EOI are solely at the responding parties' expense. Every Respondent shall bear their own costs with respect to this EOI and any information presented and/or submitted to MMC through this EOI is provided voluntarily.
7. Depending upon the submissions received, MMC may, as a result of this EOI, approach, at its sole discretion, one or more of the Respondents and/or any other party, in order to obtain additional information. MMC may also decide to set aside a period of time to gain such further information and visit their facilities of any or all the proposers. The meeting would take place in India and the cost shall be borne by each party individually.
8. MMC may wish to share submitted information with outside technical experts for evaluation assistance in which case they will be informed about the privileged nature of the information. However, if a submitter wishes their information to be made available only to MMC, a prominent label/watermark stating "for MMC" must be placed on each such page and information be specifically marked as confidential.
9. Respondents are solely responsible for properly marking and clearly identifying any proprietary information or trade secrets contained within their response. MMC will not be liable for, or suffer any consequential damages for any proprietary information not properly marked and clearly identified. Proprietary information received in response to this EOI will be safeguarded and handled in accordance with applicable regulations.
10. MMC reserves the right to accept as any commercial proposals from entities which did not participate in this EOI process but submit the bids in response to call for commercial bids in future, arising in whole or in part from the present EOI.

11. MMC reserve the right, at any time and at its sole discretion, to amend this EOI or any aspect thereof, as well as to extend the date for submission of the Responses. In addition, MMC reserves the right to cancel this EOI in its entirety at its sole discretion, without providing the Respondent(s) any (or no) reason or explanation.
12. The decision of MMC shall be final and binding in evaluating and short listing the appropriate technology to be used in collection and processing the banana related waste either from among the submissions in response to this EOI or from such source as deemed fit and suitable.
13. The respondents need to indicate how much of revenue will be shared with CMDA on (daily basis/monthly basis)

MMC will endeavor to preserve the confidentiality of the information provided if at all.

-sd/-
Chief Administrative Officer
MMC, KWMC

Annexure-I

Applicant's Declaration

To:
Chief Administrative Officer ,
Market Management Committee,
Koyambedu Wholesale Market Complex,
Chennai – 107

Dear Sir,

In response to your invitation towards Expression of Interest for Collection and processing of banana related waste, we _____
<agency's name> hereby declare our interest to submit our proposal for this project, and further declare that:

- a) The information provided in this EOI application is true and correct to the best of our knowledge.
- b) We will inform MMC immediately if there is any change in the information provided in this application at any stage during the EOI / tender procedure or during implementation of the project scope.
- c) We also understand that if information provided is proved false, the application and any award made on its basis may be considered null and void.
- d) The information provided is not proprietary or protected by IPR/copy right unless specially indicated where applicable.

Date:

Yours faithfully

_____,
<Name of authorized signatory>,

<Designation

