



Expression of Interest (EoI)

OUTSOURCING OF KOHIMA SWM (SOLID WASTE MANAGEMENT)

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1. DISCLAIMER

The Expression of Interest (EOI) Document for ‘**Outsourcing of Kohima SWM**’ contains brief information about the scope of work.

The EOI is issued only with a purpose of collection of information/ideas/solutions from interested parties and KMC reserved the right to proceed ahead with the project. This EOI is issued to assess the **level of interest** from private parties to take up the solid waste management of Kohima through PPP (Public Private Partnership) by taking up on lease the KMC SWM assets including the vehicles, machinery, equipment etc with the objective to transform the efficiency, effectiveness and sustainability of the Kohima Solid Waste Management. This EOI process may be followed by the tendering process for selection of the lessee to outsource the Kohima SWM.

While all efforts have been made to ensure the accuracy of information contained in this EOI Document, the Document does not purport to contain all the information required by the Applicants. **The Applicants should conduct their own independent assessment investigation and analysis and should check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their application(s).** Kohima Municipal Council or any of its employees or advisors shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the EOI Document.

KMC reserves the right to change any or all conditions/Information set in this EOI Document by way of revision, deletion updating or annulment through issuance of appropriate addendum as it may deem fit without assigning any reason thereof.

KMC reserves the right to accept or reject any or all applications without giving any reasons thereof. KMC will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the bid applications to be submitted in terms of this EOI Document.

2. EOI DATA SHEET

Sl.no	Particulars	Details
1.	Name of the project	Outsourcing of Kohima SWM
2.	Authority's Project Representative	Administrator Kohima Municipal Council Near UBC , FLOOR - 4, SUPERMARKET COMPLEX Kohima , Nagaland 797001
3.	EOI Date	04-08-2022
4.	Late date for submitting response	3:00 PM IST, 31-08-2022
5.	EOI Sensitization and Queries/Clarification meeting. Nodal Officer - Office Secretary, KMC	<i>11:00 AM, 17-08-2022</i> Kohima ICCC, 1 st Floor, New Supermarket Complex, Kohima, Nagaland 797001
6.	Presentation of solutions by all applicants. <i>Each applicant will be allotted 15 minutes to give a power-point presentation of their solution.</i>	<i>10:00 AM, 7-09-2022</i> Kohima ICCC, 1 st Floor, New Supermarket Complex, Kohima, Nagaland - 797001
7.	EOI fee	<i>No fees collected for this EOI</i>
8.	Date & Time of declaring shortlisted EOI applicants	12:00 PM, 14-09-2022 Result will be declared on ekmc.in, nagaland.gov.in https://ekmc.in/ https://nagaland.gov.in/
10.	Office address	Top Floor, KMC & Kohima Smart City Development Limited office, New Supermarket Complex, Kohima, Nagaland 797001

3. EOI NOTICE

KOHIMA MUNICIPAL COUNCIL

Top floor, New supermarket complex, Kohima -797001, Nagaland

INVITATION FOR EXPRESSION OF INTEREST (EOI)

for

OUTSOURCING OF KOHIMA SOLID WASTE MANAGEMENT

Kohima Municipal Council aims to reform, improve and achieve a sustainable waste management strategy for the entire city and also strive to improve cleanliness beyond the city limits through a PPP Outsourcing model. This project focusses on outsourcing the core activities to a competent private party through a decentralized collection, segregation, transportation, processing and disposal of waste, while retaining the regulatory functions of the municipality.

Interested Firms/Companies/NGO's interested to take up the project can express their interest by downloading the EOI document from <https://nagaland.gov.in/> or <https://ekmc.in/> and submit their responses based on the instructions provided in the EOI document.

The last date for submitting the response is 3PM, 31-08-2022 in sealed envelopes to the KMC office and also softcopy to swm.kohima@gmail.com

-sd-

(Administrator)

Kohima Municipal Council

4. PROJECT DETAILS

I. Background

Municipal waste management, in most cities at present, leaves a huge gap between the present status and the general waste management requirements of our cities. The compliance of the policies and rules needs both sensitization and resources which most urban local bodies do not have these calls for public private partnership for meeting the technology and resources requirement and also forging an efficiency, economy and accountability in services delivery.

KMC waste collection serviceable area spreads to about 12-16 sq kms. It comprises of 19 wards divided into 49 colonies. The KMC's population as per 2011 census was 99,039. The current population is estimated to be over 2 lakhs. It is estimated that the city generates approximately 80-90 metric tons of waste every day from various sources.

Presently, the solid waste management model in Kohima is decentralized with no waste segregation at household level and no processing of the waste happening at the SWM center. With rapid urbanization, the solid waste generation has also ascended. In its endeavor to provide a healthy and hygienic environment to its population, KMC has been undertaking several initiatives and measures in alignment with the goals of Swachh Bharat Mission.

KMC has a peculiar mix of waste generator categories including urban residential, urban villages, commercial, medical, and institutional. In order to holistically cover entire region with effective waste management strategy, the Authority has planned to explore a new model for managing Municipal Solid Waste more effectively and to ensure sustainability.

II. About Project:

Kohima Municipal Council aims to reform, improve and achieve a sustainable waste management strategy for the entire city and also strive to improve cleanliness beyond the city limits through a PPP Outsourcing model. This project focusses on outsourcing the core activities to competent private party while retaining the regulatory functions of the municipality through a decentralized collection, segregation, transportation, processing and disposal of waste as a new approach incentivizes waste reduction at source while creating jobs for the urban poor and also the differently abled persons in the process.

Kohima town with 22,312 (As per 2011 Census) households generates waste of approximately 80 to 90 Tons per day (TPD). The Authority, KMC at present has provided 38 waste collection vehicles to 19 wards for household collection of solid waste. At present, these wastes are not segregated into dry/wet at source neither at the SWM (Solid Waste Management) site. These vehicles carry the unsegregated waste upto the dumping site (Dzürüzou, Below Meriema). At present, waste processing is not feasible because of non-segregation of waste at the household level.

The vendors/participants are expected to:

1. Take up on lease the entire waste collection facility, equipment, machinery and ensure waste segregation at household level through training, awareness or other innovative solutions.
2. Transport the segregated waste up to the SWM site.
3. Manage the waste processing unit, recycling unit and the landfill.
4. Generate revenue for sustainability of the entire waste management system.

III. Scope of Work

Intended scope for Outsourcing of Kohima Solid Waste Management include, but not limited to following activities:

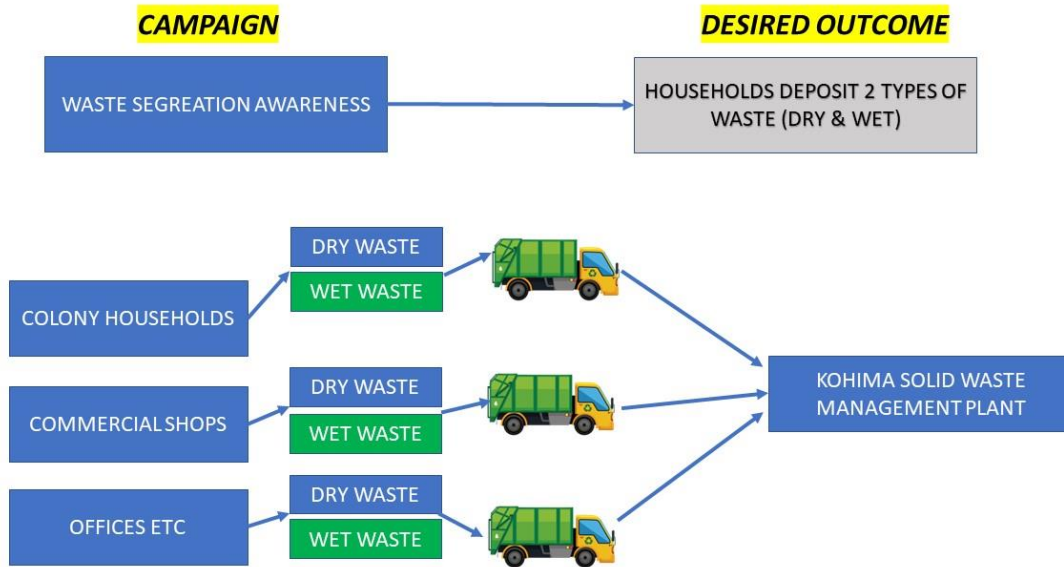
- Door to Door collection of waste or Collection points. Vendor will also be responsible to carry out IEC activities for awareness and behavioral change and encourage citizens for source segregation of the waste.
- Vendor may have to engage the existing human resource engaged in waste collection.
(Note: Under KMC there are around 30 labours attached in the waste collection vehicles and around 15* drivers)
- Management of waste collection, transportation and processing.
- Segregation of dry waste and selling it to authorized dealers.
- Composting of wet waste and selling of the compost.
- Setting up IT system for monitoring the entire operations (Online portal/apps, MIS system, CCTV, vehicle tracking, data collection/management/analytics, digital weigh bridge etc.).
- Collection of user charges as per the rate set by the authority (KMC) from time to time.
- Vendor will be required to obtain necessary permissions/approvals from relevant authority (KMC) for repair, maintenance, upgrade or procurement of specific processes/machineries or alteration/modification it proposes (If Any)

A general overview of responsibilities is mentioned below

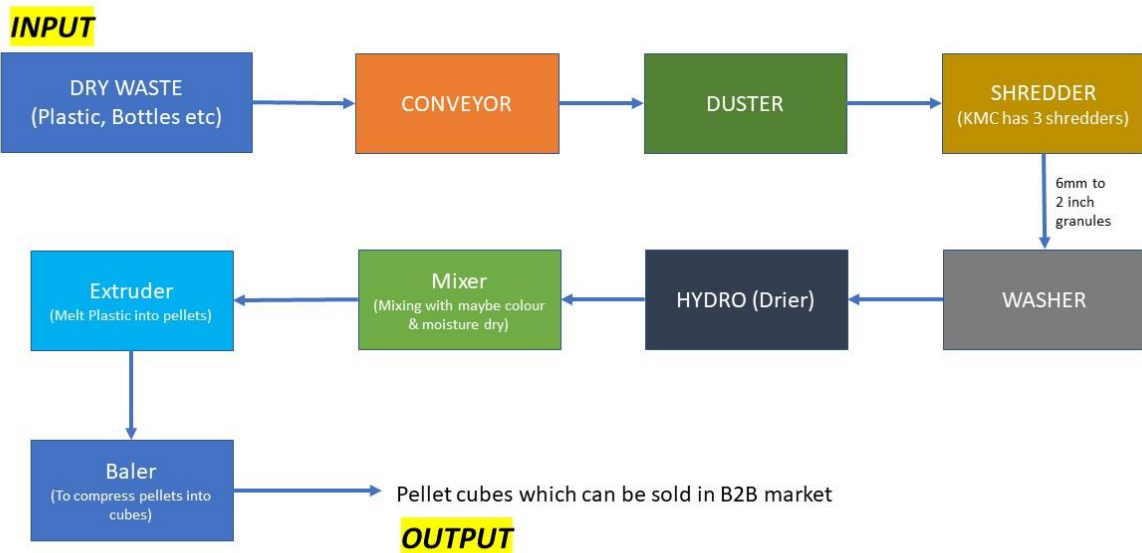
Responsibility of KMC	Responsibility of vendor
Provide the waste collection trucks, machinery and Solid Waste Management Facility to the vendor based on a mutually agreed fee and time period.	Manage, upgrade, innovate, maintain, repair, replace and sustain the assets including vehicles, operations team, human resources, machinery, waste management facility and waste collection mechanism for Kohima.
Regulate the waste management activity.	Waste collection, waste segregation, waste processing, revenue collection, awareness & capacity building of employees and citizens, vehicle tracking, vehicle maintenance, employee management, plant machinery maintenance and all other components of the waste management for the city.
Monitor performance of the vendor based on the SLA (Service Level Agreements) and SQB (Service Quality Benchmarks).	Develop a online MIS system and submit monthly report generated through a online MIS system with parameters to gather waste collection details, recycling and dumping data/statistics, revenue details etc.
Evaluate the performance of the vendor and levy penalty on the vendor based on agreed quality benchmarks/SLA's and citizen/user feedback.	Use of bells, announcement speakers and App based alarm system to inform citizens for waste collection.

Simplified diagrammatic representation of the processes

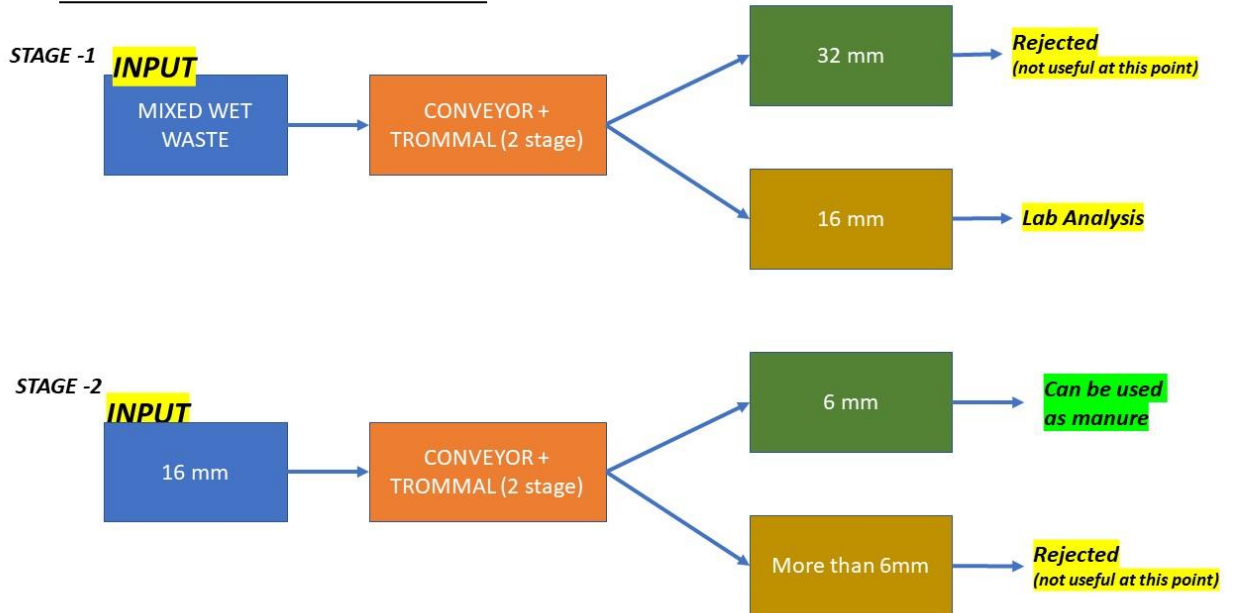
WASTE COLLECTION (HOUSE TO HOUSE)



DRY WASTE PLANT PROCESSING



WET WASTE PLANT PROCESSING



ASSETS (TO BE LEASED)

DRY WASTE PLANT		
Sl no	Item	Unit (Qty)
1	CONVEYOR	2
2	SHREDDER 1 (MULTI PURPOSE)	1
3	SHREDDER2	1
4	SHREDDER3	1
5	DUSTER	1
6	WASHER	2
7	HYDRO (DRIER)	1
8	MIXER	1
9	EXTRUDER	1
10	BALER	1

Vehicles		Qty
17	MINI EXCAVATOR	1
18	LANDFILL ROLLER	1
19	909 tippertruck	1
20	JCB	1
21	BOBCAT	1
22	Compartmental trucks	10
23	Tractor loader (For dry waste recycling)	1
24	Compartmental trucks	19
25	Bolero pickup	19
Total		54

WET WASTE (COMPOST) PLANT		Qty (Unit)
11	CONVEYOR + TROMMAL (2 stage)	1
12	DESTONER CONVEYOR + TROMMAL (Post drying)	1
13	MULTI PURPOSE SHREDDER	1
14	WATER TANKER (3 Lac litres)	1
15	ELECTRICAL ROOM	1
16	DG GENSET (160 KVA)	1

After EOI, process the Tendering process (RFP) may follow where the selection of the vendor will be done through a 2-stage bidding process including a **Technical Evaluation** and a **Financial Evaluation (H1)** process.

The Technical Evaluation will be based on marks for the solutions provided by the vendor to transform the entire solid waste management into a highly efficient, effective and sustainable one. The H1 financial evaluation means that the bidder with the highest bid (highest rent) will be awarded the H1 (highest bidder).

The revenue sources for the vendor will be through:

1. Household Fee
2. Sale of compost
3. Sale of recoverable Dry Waste and any other saleable item.

The vendors cannot use the machinery and vehicles for purposes other than for the SWM activity. For information of interested bidders, according to a study conducted by Kohima Smart City, assuming that at least 70% of 22,300+ households in Kohima pay their monthly Rs.70 fee regularly the expected annual revenue will be around Rs. 1.31 Crore.

Assuming the increase in the number of households in Kohima to around 28,000 while increasing the collection fee to Rs.100 per household per month should generate around Rs. 3.36 Crore annually. The collection fee will be subject to commercial viability and will be decided by KMC. Vendor is also expected to carry out its own study and assessment.

The project shall be for a defined tenure of 5 years and extendable based on performance. Vendor will be responsible for smooth handing over of all assets and possession of the site to the Authority. *Note that this project will be subject to government audit.*

I. Eligibility of Applicant

The Applicant can be a Sole Proprietor/ Registered partnership firm/LLP/ Public limited Company/ Private Limited Company /Societies/NGO. Credible experience of managing public utility as a PPP/outsourcing and knowledge of waste management/running the decentralized solid waste management process will be added advantage. Applicants with additional experience in community mobilization and IEC activities shall be preferred. Applicants must submit duly filled and signed Annexure 2 & 3 along with requisite supporting documents. Applicant GST has to be registered in Nagaland state.

Consortiums up to 3 members will also be allowed wherein one member of the consortium will be needed to fulfil the financial capability.

II. Selection Process

The EOI is issued only with a purpose of collection of information/ideas/solutions from interested parties and KMC reserved the right to proceed ahead with the project. However, the applications received shall be reviewed carefully and interaction with the applicants will be lightly scheduled before finalization of project terms and conditions. The next stage after EoI will be the normal open tender stage to bid for the project. **Ensuring gender equality and inclusion of differently abled in the employment will be encouraged in the final technical evaluation selection.**

III. Submission of EOI

- Applicants are advised to study all instructions, forms, terms, requirements and other information in the EOI carefully.
- Applicants are encouraged to undertake site visits and provide their suggestions/ideas/solutions for successful implementation of the project in Kohima.
- Applicants should be deemed to have applied after careful study and examinations of the EOI document with full understanding of its implications.
- The response to this EOI shall be full and complete in all respects. Failure to furnish all information required by the EOI or the submission of proposals not substantially responsive to the EOI in every respect will be at the applicant risk and may result in rejection of its eligibility.
- All the notifications and detailed terms and conditions regarding the EOI notice hereafter will be published on the KMC website.
- The applications should be submitted in **hard copy** and **soft copy** (*pdf emailed to swm.kohima@gmail.com*) within the dateline as specified in EOI. The submission should have subject “**EOI for Outsourcing of Kohima SWM**” and address to Authority’s coordinating representative as mentioned in this EOI. The sender should provide their complete contact details including phone number, mobile, email and office address.
- Applicant should fill information in prescribed formats for pre- qualification as mentioned in the EOI.

VII. Documents to be submitted

The EOI to be submitted by the interested parties shall include:

- Cover letter expressing interest to participate in the form and manner prescribed here under as Annexure 1
- Details of applicants in the forms and manner as prescribed here under as Annexure 2 & 3
- Details of the technology and process proposed to be deployed in the form and manner as prescribed here under as Annexure 3
- Project concept with proposed solution in the form & manner as prescribed here under as Annexure 3

Documents and annexures should be submitted in hard copy to the office address as mentioned in the EOI document. The same should also be attached in digital format (pdf) and emailed to swm.kohima@gmail.com

KMC reserves the right to reject any application if the documents/attachment/annexures are not readable.

IV. Language

The application prepared by the applicants and all correspondence and documents relating to the application exchanged by the applicant and the authority, shall be written in English language, provided that any printed literature furnished by the applicant in another language shall be accompanied by an English translation in which case, for purposes of interpretation of the application, the English translation shall govern.

If any supporting documents submitted are in any other language other than English, translation of the same in English language is to be duly attested by the applicant.

V. No Bid Processing Fee

There is no bid processing fee for this EOI. Applicants should not pay any fee to any person or organization while submitting the response to this EOI.

VI. Last date of Submission of EOI

The interested parties shall submit their details in hard copy of all the annexures latest by 31st August, 2022 to the office address as mentioned in the EOI document. The same should also be attached in digital format (pdf) and emailed to swm.kohima@gmail.com

Applications received by the Authority after the specified time on the application due date shall not be eligible for consideration and shall be summarily rejected.

**4. FORMATS FOR SUBMISSION OF INFORMATION
(Print/Sign/Scan/Convert to pdf and attach in one combined email)**

Annexure 1: Format for covering letter

Date:

To,

The Administrator,
Kohima Municipal Council,
Kohima, Nagaland.

Sub: Expression of Interest (EOI) for Outsourcing of Kohima Solid Waste Management.

Dear Sir,

With reference to your EOI document dated _____, I/we the undersigned am/are hereby expressing our interest for Outsourcing of Kohima Solid Waste Management.

We understand that based on responses, the Authority shall finalize the concept and other requirement. Further the issue of this EOI does not imply that the authority is bound to appoint any applicant, as the case maybe for the project.

We have prepared our Expression of Interest for the captioned project as specified in EOI document.

I/We hereby declared that all the information and statements made in this EOI are true.

(Name and Title of the signatory)

(In the capacity of the firm/company seal)

(Name of the Entity)

(Registered Address of the Entity)

Annexure 2: Details of the Applicant

Form 2A: Applicant's details

S. No.	Particulars	Details
1 (a)	Name of Entity	
(b)	Registered address	
(c)	Postal Address	
(d)	Telephone/Mobile No.	
(e)	E-mail Address	
(f)	Type of Entity	Eg. Proprietorship/Company/NGO etc
(g)	Registration no. of Entity	
(h)	PAN No	
(i)	GST Registration No. Registered in Nagaland? Y/N	
2	Details of the individual(s) who shall serve as the point of contact/communication for KMC	
(a)	Name	
(b)	Designation	
(c)	Company	
(d)	Address	
(e)	Telephone/Mobile No.	
(f)	E-mail Address	

Form 2B: Experience of the applicant

S.No.	Particulars	Details
1	Years in business	
2	Type of business/sector	
3	Elaborate Experience/Relevance to managing waste management	
4	Number of Solid Waste Management Projects undertaken	Provide details of each cluster/project like technology, number of people, size of the project, processing capability etc
5	Number of cities/ULBs served	
6	Number of households served (mention project in which services were provided to households)	
7	Number of projects rendering end to end service (Door to Door collection, Transportation, Processing, Disposal)	

Name of the Applicant

Signature of the Applicant

Note: Applicant should submit supporting documents stating legal status of the applicant firm, brief profile of the company and experience details shared in format above.

Annexure 3: Project Concept and solution format*Project Conceptualisation Information:*

Sl. No.	Particulars	Details
1.	Proposed Technologies, Solutions, Equipment, Repair of existing equipment with cost, Upgradation required (If Any), Processes to be deployed (with respective purpose) from segregation, citizen app, online MIS report for waste collection to payment collection, revenue generation at household level with broad estimate of cost.	Submit excel/powerpoint/pdf or even video
2.	Vehicles and Manpower required to collect, transport and processed approx. 80-90 TPD waste from 28,000 households with broad estimate of OPEX (Operational expenses)	
3.	Details of awareness activities/IEC strategy to be conducted to successfully achieve waste segregation at household level.	Submit pdf/power point of the strategy
4.	Approximate CAPEX capital cost. (Repair/upgrade/procurement of additional equipment/machinery/ movable assets)	INR_____ lakhs <i>Provide detailed breakdown in excel/pdf</i>
5.	Estimated Revenue generation (enclose break-up and assumptions). Collection fee/User charges, processing of wet waste and sale/recycle of dry waste.	<i>Provide detailed breakdown in excel/pdf</i>

The detailed Project concept should include the following (but may not be limited to):

SL.NO	Heads
1	Brief understanding of the project (Max 1000 words)
2	Proposed project execution / implementation strategy (Max 1000 words <i>with block diagrams, flowcharts or other graphical explanation encouraged</i>)
3	Details of technologies, repair/upgrade of existing assets and processes proposed to be deployed. (<i>Table format clearly present point wise.</i>)
4	Any other points to explain the proposed plan and concept to reform the entire waste management process for Kohima thereby improving the efficiency, effectiveness, innovativeness, revenue collection and sustainability. (Max 1000 words)

Submit in pdf

Note: Each page of supporting document should be duly sealed/signed by the applicant.