

GOVERNMENT OF MIZORAM  
DIRECTORATE OF URBAN DEVELOPMENT & POVERTY ALLEVIATION  
MIZORAM : AIZAWL

NIT No.01/DTE(UD&PA)/Tech/2023-2024

Dated Aizawl, the 19<sup>th</sup> April, 2023

**INVITING FOR EXPRESSION OF INTEREST**

**for**

**PREPARATION OF ENVIRONMENTAL IMPACT ASSESSMENT, ENVIRONMENT MONITORING  
PLAN AND ENVIRONMENT MANAGEMENT PLAN FOR SOLID WASTE MANAGEMENT  
SYSTEM AT LUNGLEI, LUNGLEI DISTRICT, MIZORAM**

Urban Development & Poverty Alleviation Department, Govt. of Mizoram invites Expression of Interest for 'Preparation of Environmental Impact Assessment, Environment Monitoring Plan and Environment Management Plan for Solid Waste Management System at Lunglei, Lunglei District, Mizoram.'

The Expression of Interest is to be submitted in closed covers and addressed to the Director, Urban Development & Poverty Alleviation Department on or before **15<sup>th</sup> May, 2023, 1:00 p.m.**

Expression of Interest documents can be downloaded from the Department's website [udpa.mizoram.gov.in](http://udpa.mizoram.gov.in) and State Public Procurement Portal at [www.mizoramtenders.gov.in](http://www.mizoramtenders.gov.in) from **24<sup>th</sup> April, 2023** onwards. Other details can be seen in the Expression of Interest document.

**Sd/- H. LIANZELA**

Director,

Urban Development & Poverty Alleviation Department,  
Mizoram:Aizawl

Ph: 0389-2333815

Email: [dirudpa.mz@gmail.com](mailto:dirudpa.mz@gmail.com)

Web: [udpa.mizoram.gov.in](http://udpa.mizoram.gov.in)

Memo No. B.13036/7/2021-DTE(UD&PA)

Dated Aizawl, the 19<sup>th</sup> April, 2023

Copy to:

1. P.S. to Governor of Mizoram for favour of information.
2. P.S. to Deputy Chief Minister, Mizoram for favour of information.
3. P.P.S. to Secretary, UD&PA Department for favour of information.
4. Joint Director (Admn.) & Nodal Officer, State Public Procurement Portal, UD&PA Department to upload in the State Public Procurement Portal at [www.mizoramtenders.gov.in](http://www.mizoramtenders.gov.in).
5. Web Manager, UD&PA Department for information and necessary action.
6. NIT Guard File/Notice Board.

Director,

Urban Development & Poverty Alleviation Department,  
Mizoram : Aizawl

**Schedule of Events:**

Sl. No.	Event	Date	Venue
1	DATE FOR DOWNLOADING EOI DOCUMENT	24 <sup>th</sup> April, 2023	<a href="http://udpa.mizoram.gov.in">udpa.mizoram.gov.in</a> & <a href="http://www.mizoramtenders.gov.in">www.mizoramtenders.gov.in</a>
2	LAST DATE FOR RECEIVING QUERIES & COMMENTS	4 <sup>th</sup> May, 2023 up to 5:00 p.m.	Directorate of UD&PA
3	LAST DATE FOR SUBMISSION OF EXPRESSION OF INTEREST (EOI DUE DATE)	15 <sup>th</sup> May, 2023 up to 1:00 p.m.	
4	OPENING OF EOI	15 <sup>th</sup> May, 2023 1:30 p.m.	

1. 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.
2. The Schedule indicated above is tentative and the Department may change any or the entire schedule under intimation to Consultants.

EXPRESSION OF INTEREST

FOR

Preparation of Environmental Impact  
Assessment, Environment  
Monitoring Plan and Environment  
Management Plan

Issued to: .....

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**Urban Development & Poverty Alleviation Department  
Government of Mizoram**

No. B.13036/7/2021-DTE(UD&PA)

Date : 19<sup>th</sup> April, 2023

**NOTICE INVITING EXPRESSION OF INTEREST**

Urban Development & Poverty Alleviation Department, Govt. of Mizoram invites expression of interest for '**Preparation of Environment Impact Assessment, Environment Monitoring Plan and Environment Management Plan for Solid Waste Management System at Lunglei, Lunglei District, Mizoram.**'

The Expression of Interest is to be submitted in closed covers and addressed to the Director, Urban Development & Poverty Alleviation Department on or before **15<sup>th</sup> May, 2023, 1:00 P.M.**

Expression of Interest documents can be downloaded from the Department's website [udpa.mizoram.gov.in](http://udpa.mizoram.gov.in) and State Public Procurement Portal at [www.mizoramtenders.gov.in](http://www.mizoramtenders.gov.in) from **24<sup>th</sup> April, 2023** onwards. Other details can be seen in the Expression of Interest document.

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**Notice for Expression of Interest Preparation of Environmental Impact Assessment,  
Environmental Monitoring Plan and Environment Management Plan for Solid Waste  
Management System at Lunglei**

**1. Project Background:**

The Solid Waste Management System at Lunglei will cater all the solid waste related problems by using scientific method of processing and disposal. The project will include setting up of offices, quarters, check post, weight bridge, Mechanical-compost centre, waste resource management centre and landfill with leachate pond.

**Summary of SWM in Lunglei:**

<b>Components</b>	<b>Status/Remark</b>
Municipal waste generation	25.65 TPD
Per capita waste generation	300 grams
Door to Door waste generation	Yes
Waste collection vehicles	Yes
Waste dumping	Open dumping
Street sweeping	Daily on major roads
Waste collection frequency	Collected on Alternate days

The Project aims at ensuring:

1. Segregation of waste at source.
2. Street sweeping covering all the areas of the city.
3. Transportation of bio-degradable and inert materials in covered vehicles.
4. Setting up of mechanical-compost plant.
5. Setting up of waste resource management centre with baling machine.
6. Sanitary Landfill for inert/hazardous waste

This EoI intends to shortlist agencies capable of Preparation of Environmental Impact Assessment, Environmental Monitoring Plan and Environment Management Plan for Solid Waste Management System at Lunglei.

## 2. Request for Expression of Interest (EOI):

Urban Development & Poverty Alleviation Department, Govt. of Mizoram invites Expression of Interest for Preparation of Environmental Impact Assessment, Environmental Monitoring Plan and Environment Management Plan for Solid Waste Management System at Lunglei. Urban Development & Poverty Alleviation Department reserves the right to reject any EOI which does not meet the requirement.

## 3. Cost of EOI:

The cost of the EOI document will be ₹ 1500.00.

## 4. Bid Security:

Eois should be accompanied by a Bid Security amounting to ₹ 30,000/- in favor of Director, Urban Development & Poverty Alleviation Department. The Bid Security may be accepted in the form of *Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee* from any Commercial Banks. The Bid Security shall remain valid for a period of **ninety (90) days** beyond the final bid validity period.

## 5. Fee:

- i. The Consultant/Firm shall be paid fee as per the detailed estimated amount of the project and other charges as applicable.
- ii. Any tax levied by laws, such as Service tax etc. contingent to professional services rendered, shall be payable by the UD&PA Department, over and above the gross fees charged in relation to the services provided.

## 6. Schedule of Payment:

The Consultant/Firm shall be paid professional fee in the following stages consistent with the work done plus other charges and reimbursable expenses agreed upon:

<b>Stage 1</b> On submitting Draft EIA & EMP Report.	30% of the fees
<b>Stage 2</b> On acceptance of Draft EIA & EMP Report by UD&PA Department	30% of the fees
<b>Stage 3</b> On Environmental Clearance received.	40% of the fees

## **7. Eligibility Criteria:**

### **To be eligible the applicant:**

- i. Should have accreditation from Quality Council of India/National Accreditation Board of Education and training (QCI/NABET) as per EIA Notification, 2006 and include a certificate in this regard.
- ii. Should not have been blacklisted or debarred from participating in tenders by any Central / State Government agencies or autonomous bodies or universities/ institutions. (An undertaking to this affect should be furnished).

### **iii. Should submit the following documents:**

- a. List of similar projects undertaken in the past (including completed and ongoing projects, in India and abroad) with details as per form given in Appendix I.
- b. Company Registration certificate and in case of partnership company, partnership deed with power of attorney. In case of non-Indian entity, equivalent documents must be furnished (similarly for items c-f below)
- c. PAN Card of the firm
- d. List of clients presently being served/served in past for similar work, with Contact name, address and mobile no., accompanied by relevant work orders/ pay orders/ client certificates
- e. Consultants may associate with other firms to enhance their qualifications but should indicate clearly whether the association is in the form of a joint venture and/or a subconsultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected. The nature of association i.e. whether JV or Sub-Consultant, must be clearly mentioned in the Expression of Interest.

## **8. Brief description of the Selection Process:**

### **(i) Evaluation of Technical Bids:**

The Technical bids should be analysed and evaluated by a Bid Evaluation Committee (BEC) constituted by the Department. The Technical Evaluation will be done as per the Criteria mentioned below:



Sl. No.	Details	Max. Marks
1	Experience of the Firm	20
2	Methodology, work plan and understanding of TOR	25
3	Suitability of Key Personnel for the Assignment	45
4	Capbility of Transfer of Knowledge/Training	10
	<b>TOTAL :</b>	<b>100</b>

**(ii) Evaluation of Financial Bids:**

The Bid Evaluation committee shall open the financial bids of only those bidders who have been declared technical qualified as per Evaluation of Technical Bids. The following formula will be adopted for evaluating the Financial Bids.

$$\begin{aligned} \text{(a) Marks scored by L1} &= 100 \\ \text{(b) Marks scored by L2} &= 100 \times \frac{\text{Rate quoted by L1}}{\text{Rate quoted by L2}} \\ \text{(c) Marks scored by L3} &= 100 \times \frac{\text{Rate quoted by L1}}{\text{Rate quoted by L3}} \end{aligned}$$

**(iii)** The Bid Evaluation Committee shall prepare a combine score sheet of Technical Bids and Financial Bids of the qualified bidders and the weightage to be given for Technical score will be 60 and weightage to be given for Financial will be 40.

**(iv)** When EoI is responded by 10 or more firms, Rules 70 Sub rule (3) (ii) of the Mizoram Public Procurement Rules, 2020 will be adopted.

**9. Submission of EOIs:**

The agencies fulfilling the eligibility criteria may submit their proposal against this EoI in **“Two Bid System” with Technical and Financial Bids sealed separately**. The bidder should put these two sealed envelopes in a bigger envelope duly sealed and submit to the Director, Urban Development & Poverty Alleviation Department, Govt. of Mizoram upto **1:00 P.M. on 15<sup>th</sup> May, 2023**, clearly mentioning on the envelope:

**“EoI Notice No. .... For Preparation of Environmental Impact Assessment, Environmental Monitoring Plan and Environment Management Plan for Solid Waste Management System at Lunglei”**

To,

The Director  
Urban Development & Poverty Alleviation Department  
Govt. of Mizoram

From,

\_\_\_\_\_  
\_\_\_\_\_

Contact No. : \_\_\_\_\_

Email Id. : \_\_\_\_\_

**10. Clarifications:**

8.1 Any firm requiring any clarification may notify Urban Development & Poverty Alleviation Department in writing. Firms should send in their written queries latest by the Last Date for Receiving Queries as given in the Schedule of Events. Urban Development & Poverty Alleviation Department will respond to any request for clarification as per the calendar of the event prior to the deadline for submission of Eol.

8.2 To facilitate evaluation of Eol, Urban Development & Poverty Alleviation Department may, at its sole discretion, seek clarifications in writing from any Firm regarding its Eol. Notwithstanding anything contained in the Eol Document, Urban Development & Poverty Alleviation Department reserves the right not to take into consideration any such clarifications sought by it for evaluation of the Eol and also reserves the right not to respond to any correspondence received from the Firm after the Eol Due Date.

**11. Notification:**

11.1 Any Eol with inadequate information/documents or those received after the closing date will not be considered. The short listing will be done on the basis of the above information/ documents. In this regard, the decision of Urban Development & Poverty Alleviation Department will be final.

11.2 The shortlisted agencies shall be declared and notified in writing by Urban Development & Poverty Alleviation Department.

**12. Documents:**

12.1 The lists of documents to be submitted along with EOI are

- a. Name, address, e-mail, telephone along with a note on the Ownership and organizational structure & core business area of the consulting firm;
- b. A short write-up on technical and managerial capability of the firm.

13. EOI along with TOR is available at [udpa.mizoram.gov.in](http://udpa.mizoram.gov.in) and State Public Procurement Portal at [www.mizoramtenders.gov.in](http://www.mizoramtenders.gov.in)

14. ToR is attached at Annexure.

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Director

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**TERMS OF REFERENCE FOR PREPARATION OF ENVIRONMENTAL IMPACT ASSESSMENT, ENVIRONMENTAL MONITORING PLAN AND ENVIRONMENT MANAGEMENT PLAN**

1. Project name and location (Village, District, State)
2. Site selection of the project- Nature of land- Agricultural (single/double crop), barren, Govt/private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10km, other industries, forest, eco-sensitive zones.
3. Occupational health issues. Baseline data on the health of the population in the impact zone and measures for occupational health and safety of the personnel and manpower.
4. A 10 km. radius map (on survey of India toposheet) showing co-ordinates of project site, national highway, state highway, district road/approach road, river, canal, natural drainage; protected areas, under Wild Life (Protection) Act, archaeological site, natural lake, flood area, human settlements (with population), industries, high tension electric line, prominent wind direction (summer and winter), effluent drain, if any and ponds etc. should be presented and impacts assessed on the same.
5. Layout plan/map of project site showing storage area, green belt area (33% of the project area), all roads, prominent wind direction, processing plant & other infrastructure, etc.
6. Detailed plan for construction of retaining wall to check dispersal of waste to other areas.
7. Fire Control Plan to check fire outbreak in adjoining areas. Open burning in landfill sites should be discontinued. Risk assessment and on-site emergency plan should be prepared.

8. Details of storm water/ leachate collection from the composted area.
9. Details of monitoring of water quality around the landfill site. Water analysis shall also include for nitrate and phosphate.
10. Details of the dour control measures.
11. Details of surface hydrology and water regime and impact on the drainage and nearby habitats/settlements (surroundings), water bodies/rivers/ ponds and mitigative measures during rainy season.
12. Status of ambient air quality and surface and ground water quality, soil type, cropping pattern, land use pattern, population, socio-economic status, anticipated air and water pollution.
13. Details of impact on water bodies/rivers/ ponds and mitigative measures during rainy season.
14. Submit the criteria for assessing waste generation. Any segregation of hazardous and bio-medical wastes.
15. Submit a copy of the land use certificate from the competent authority.
16. Details of one complete season AAQ data (except monsoon) with the dates of monitoring, impact of the project on the AAQ of the area (including H<sub>2</sub>S, CH<sub>4</sub>).
17. Submit a copy of the topography of the area indicating whether the site requires any filling, if so, the details of filling, quantity of fill material required, its source and transportation, etc.
18. Detail plan of Waste Management.
19. Details of protection from surface drainage, and action plan for measures to be taken for excessive leachate generation during monsoon period.
20. Details of impact on environmental sensitive areas.

21. Details of air emission, effluents generation, solid waste generation and their management.
22. Details of rehabilitation/compensation package for the project effected people, if any.
23. Details of various waste management units with utilities indicating size and capacity for the proposed project.
24. Methodology for remediating the project site, which is being used for open dumping of garbage.
25. Detailed Environment Monitoring Plan and Environment Management Plan with costs and parameters.
26. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
27. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
28. The draft EIA/EMP report as per above ToR shall be submitted to the State Pollution Control Board for public hearing and the issues raised by the public shall be incorporated in the Final EIA/EMP report.
29. Public hearing may also be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006.
30. In addition, the following safeguards maybe included in the project.
  - a) Timeline for shifting to zero landfill and 100% waste utilization, treatment and processing. Focus need to be on creation of waste to wealth.
  - b) Retaining wall along the dumping site maybe built to check the dispersal of waste. Moreover, adequate infrastructure maybe created to avoid leakage of pollutants from dumped wastes through underground water.