

DEPARTMENT OF ENVIRONMENT

GOVT. OF NCT OF DELHI

Level – 6, C- Wing, Delhi Secretariat, I.P. Estate, New Delhi –110002

TITLE OF STUDY/ PROJECT

Assessment and Characterization of Plastic Waste in NCT of Delhi

TERMS OF REFERENCE (TOR)

A. SCOPE OF STUDY

1. Assessment of total quantum of Plastic Waste generated in Delhi (Estimation of total volume of input plastic in Delhi and how much of it is converted to waste plastic with characterisation and suggestion w.r.t. disposal measures).
2. Characterization of Plastic waste (Recyclable, non-recyclable, soft plastic, hard plastic multi-layered / tetra packs, PET, packaging plastics from online shopping or otherwise, etc.)
3. Questionnaire Survey w.r.t. plastic usage and waste disposal practices at various levels, i.e., in commercial areas (eatery and non-eatery units/ shops), residential areas (households of different income groups), public and social events (exhibitions, fairs, wedding functions etc.)
4. Per capita generation of plastic waste.
5. Plastic waste due to tourism in Delhi
6. Brand Audit of plastic waste in Delhi
7. Alternatives to plastics and waste reduction pathways
8. Recycling of plastics in Delhi
9. Reuse and disposal
10. Conclusions and Policy Recommendations

B. DURATION OF THE STUDY : 6 months

C. WHO CAN APPLY :

Research and Academic Institutions of national repute (e.g. IITs, IISc, NEERI etc.), Consultancy Organizations and NGO's working in the field of **Environment for a minimum period of 10 years and having experience in conducting waste management related projects**

D. INFORMATION TO BE FURNISHED BY PARTICIPATING ORGANIZATIONS

(This will also serve to be the criteria for short listing the Institution/ organization for the award of the study):

1. **Particulars of participating institute/ organization: Name of Institute/ organization and its background (preference: Research and Academic Institutions e.g.IITs, Consultancy Organizations and NGO's working in the field of Environment)** The Institute/ Organisation must have a minimum experience of 10 years, i.e., should be working continuously for the last 10 years in the field of Environment. Details of similar projects handled.
2. **Particulars of Project Investigators and manpower in the field of Environment** (name, date of birth, educational qualifications, designation, department, telephone no. email id, number of research projects being handled at present, experience in the relevant area, awards and honours, publications).
3. **Technical details** of the project to be furnished (introduction, technical views/suggestions on the scope of study as defined by the department, methodology for achievement of objectives, work plan, timelines, strategy to be adopted, existing infrastructure). Details of on-going research projects/completed research projects (last 3 years) indicating name of project, funding agency, amount, date of completion and duration.
4. **Financial details** may include total project cost and its breakup including non-recurring expenditure (equipments and accessories), recurring (manpower and consumable items), other miscellaneous expenses including travel, contingency and overheads, if any. Proper justification for all the expenses must be given. PAN/ GST details of the organization.
5. An undertaking to the effect that no funding has been received from any other agency for conducting similar study and that the organization/ institute has not been blacklisted by any govt. organization / agency for any reasons whatsoever.

E. LAST DATE FOR SUBMISSION OF EOI/ PROPOSAL

On or before 15.11.2018/ 05.00 pm as per the detailed TORs available on the Department's website : www.environment.delhigovt.nic.in

In hard copy to the Secretary (Env.), Department of Environment, Govt. of NCT of Delhi, Level 6th C-Wing, Delhi Secretariat, I.P. Estate, New Delhi 110002 (By post or by hand).

and

also by e-mail at plasticstudygnctd@gmail.com

The title of the study, i.e., "**Assessment and Characterization of Plastic Waste in NCT of Delhi**," must be clearly mentioned on the top of the envelope and the subject of the e-mail must also be the title of the study.