

Request for Proposal (RFP)

Selection of Consultant for Feasibility Study and Project Development of an E-Waste Recycling Facility

1. Introduction

We invite proposals from qualified consulting firms, engineering companies, research institutions, and technical experts to undertake a comprehensive feasibility study and prepare a project development report for establishing an integrated e-waste recycling facility in India.

The objective of this assignment is to assess the technical, commercial, financial, environmental, and regulatory feasibility of the proposed project and provide a complete implementation roadmap.

2. Objectives

The selected consultant shall conduct a detailed study to support the development of a sustainable and commercially viable e-waste recycling plant. The study should provide recommendations on plant capacity, technology selection, infrastructure requirements, investment estimates, operational strategy, and regulatory compliance.

3. Scope of Work

The consultant shall be responsible for, but not limited to, the following:

- Assessment of e-waste generation and feedstock availability.
- Market assessment and demand analysis.
- Evaluation of suitable recycling technologies.
- Capacity planning and process design.
- Plant layout and infrastructure planning.
- Machinery and equipment recommendations.
- Material recovery and revenue estimation.
- Capital and operating cost estimation.
- Financial feasibility analysis, including IRR, NPV, break-even analysis, and sensitivity analysis.
- Regulatory and statutory compliance assessment.
- Environmental, health, and safety considerations.
- Risk assessment and mitigation strategies.
- Preparation of an implementation roadmap and project schedule.

4. Deliverables

The successful consultant shall submit:

- Detailed Feasibility Report (DFR)
- Techno-Economic Feasibility Study
- Financial Model (Excel format)
- Plant Layout and Process Flow Diagram
- Equipment and Machinery List
- Estimated Project Cost
- Regulatory Compliance Roadmap
- Implementation Plan
- Final Presentation to the Management Team

5. Eligibility Criteria

Researcher, Academicians, and Research Organisations can apply with

- Proven experience in industrial feasibility studies, waste management, recycling, environmental engineering, or related sectors.
- Demonstrated experience in designing or advising recycling or circular economy projects.
- A multidisciplinary team with expertise in engineering, finance, environmental management, and regulatory compliance.
- Experience with projects involving environmental regulations and industrial infrastructure is preferred.

6. Proposal Submission

The proposal should include:

- Company profile.
- Relevant project experience.
- Proposed methodology and work plan.
- Team composition and key personnel.
- Project timeline.
- Financial proposal.
- References from similar assignments (if available).

7. Evaluation Criteria

Proposals will be evaluated based on:

- Relevant experience.
- Technical understanding and methodology.
- Qualifications of the proposed team.
- Project implementation approach.
- Financial competitiveness.
- Experience in similar assignments.

8. Tentative Timeline

Activity	Timeline
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RFP Release	20/07/2026
Last Date for Queries	30/07/2026
Proposal Submission Deadline	05/08/2026
Technical Evaluation	10/08/2026
Consultant Selection	20/08/2026
Project Kick-off	01/09/2026

9. Submission Process

Interested firms may submit their technical and financial proposals electronically in PDF format before the submission deadline.

Proposals should clearly mention:

"Proposal for Feasibility Study and Project Development of E-Waste Recycling Facility."

10. Rights of the Issuing Organization

The issuing organization reserves the right to accept or reject any proposal, cancel or modify the RFP process, request additional information, or negotiate with one or more applicants without assigning any reason.

11. Confidentiality

All information shared during the RFP process shall be treated as confidential and used solely for the purpose of preparing the proposal.

12. Contact Information

For any queries regarding this RFP, interested parties may contact:

- *Email: kavindra@thekabadiwala.com
- *Phone:9926833066