



Network India

REQUEST FOR PROPOSAL (RFP)

Hiring an Agency/Consultant for Baseline Assessment, Plastic Waste Flow Assessment, Socio-economic and Circular Economy Readiness Study.

Project: Litter to Livelihood – Sustainable Plastic Waste Management in India: Formalising Waste Pickers/Workers for Circularity in Noida and Greater Noida (Uttar Pradesh)

Issued by: UN Global Compact Network India (UN GCNI)

Background

The UN Global Compact Network India (UN GCNI), the Country Network of the United Nations Global Compact, in partnership with UFLEX Limited, is implementing the project "**Litter to Livelihood – Sustainable Plastic Waste Management in India.**"

The project aims to establish an innovative, inclusive and scalable circular economy model by formalising **informal waste workers**, strengthening segregation at source, establishing **decentralized aggregation centres**, operationalising one recycling hub through partnerships, promoting digital traceability, and improving livelihoods while supporting India's Extended Producer Responsibility (EPR) framework.

A comprehensive **Baseline Assessment and Plastic Waste Flow Assessment** is proposed during the initial phase to generate evidence for project planning, target setting, monitoring, evaluation, impact assessment and knowledge generation.

UN GCNI therefore invites Technical and Financial Proposals from experienced consulting firms, research institutions, universities, NGOs, development consulting organisations and multidisciplinary experts.

Purpose of Assignment

The purpose is to undertake a comprehensive baseline assessment that will establish benchmark indicators for the project and generate robust evidence on:

- Plastic waste generation
- Waste flow pathways
- Informal waste economy

- Livelihood conditions
 - Existing recycling ecosystem
 - Stakeholder ecosystem
 - Community behaviour
 - Plastic value chain
 - EPR readiness
 - Institutional capacities, and
 - Other relevant segments
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Objectives

The selected agency shall:

- A.** Conduct comprehensive baseline survey
 - B.** Map informal waste workers
 - C.** Assess socio-economic conditions
 - D.** Undertake Plastic Waste Flow Assessment
 - E.** Conduct Value Chain Analysis
 - F.** Assess segregation behaviour
 - G.** Assess recycling ecosystem
 - H.** Develop GIS/cluster maps
 - I.** Recommend intervention strategies
 - J.** Develop project baseline indicators
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Scope of Work

The consultancy shall include the following components.

Component I

Inception

- Literature review
- Desk research
- Review project proposal
- Review policies
- Develop methodology
- Prepare sampling framework
- Prepare survey tools
- Digital data collection platform
- Inception workshop

Deliverable

Inception Report

Component II**Baseline Household Survey**

Survey households within project clusters.

Collect information on:

- Household profile
- Waste generation
- Plastic consumption
- Segregation practices
- Awareness
- Disposal behaviour
- Willingness to participate
- User charges
- Recycling behaviour

Component III**Informal Waste Worker Survey****Information to include**

- Demographics
- Migration
- Gender
- Livelihood
- Income
- Daily collection
- Plastic categories
- Occupational health
- Safety practices
- PPE
- Social protection
- Financial inclusion
- Documentation
- Digital literacy
- Existing buyers
- Value chain participation
- Interest in cooperative formation

Component IV

Waste Flow Assessment

The agency shall undertake scientific waste flow analysis.

Including

- Waste generation points
- Collection systems
- Primary collection
- Secondary collection
- Aggregation
- Sorting
- Transportation
- Recycling
- Leakages
- Landfills
- Burning
- Open dumping
- Material recovery

Prepare

- Sankey Diagram
- Waste Flow Maps
- Material Flow Analysis
- Plastic Recovery Chain

Component V

Plastic Characterization Study

Assess

- PET
- HDPE
- LDPE
- PP
- MLP
- Flexible plastics
- Rigid plastics
- Packaging waste

Estimate

- Daily generation
- Recovery
- Leakage
- Recycling potential

Component VI

Stakeholder Mapping

Map

- Waste workers
- Scrap dealers
- Aggregators
- Kabadiwalas
- Recycler
- PROs
- RWAs
- Municipal authorities
- NGOs
- Industries
- Bulk Waste Generators
- Schools
- Institutions

Component VII

Institutional Assessment

Assess

- Noida Authority
- Greater Noida Authority
- Existing MRFs
- Aggregation centres
- Collection systems
- Recycling partners
- Existing EPR ecosystem

Component VIII

GIS Mapping

Map

- Waste hotspots

- Worker locations
- Dump sites
- Aggregation points
- Plastic leakage points
- Recycling units

Component IX

Behaviour Assessment

Assess

Knowledge

Attitudes

Practices

Regarding

- Source segregation
- Recycling
- Plastic reduction
- Circular economy

Component X

Recommendation Framework

Develop recommendations for

- Worker mobilisation
- Cooperative formation
- Aggregation centre locations
- Behaviour Change Communication
- EPR integration
- Traceability system
- MEL indicators

Methodology

Agency shall propose mixed methodology.

Including

- Quantitative Survey
- Qualitative Research
- FGDs (Focus Group Discussions)
- KIIs
- PRA
- Waste Audit
- GPS Mapping

- Material Flow Analysis
- Value Chain Analysis
- GIS
- Mobile Data Collection

Geographic Coverage

- Sector 62 & 63 (Noida): Industrial and commercial hubs with significant plastic packaging waste
- Sector 137 & 143 (Noida): High-density residential zones with low segregation levels
- Sector 45 & 50 (Noida): Mixed residential areas with active RWAs
- Khodna Khurd & nearby villages: Peri-urban areas with high dependence on informal waste collection

Expected Deliverables

Deliverable	Timeline
Inception Report	Week 2
Survey Instruments	Week 2
Training of Enumerators	Week 3
Field Data Collection	Week 3 -5
Waste Flow Assessment	Week 5-6
Stakeholder Mapping Report	Week 7
GIS Maps	Week 7
Draft Baseline Report	Week 8
Validation Workshop	Week 8
Final Baseline Report	Week 8
Presentation	Week 9

Final Outputs

The consultant/Agency shall submit:

- Baseline Report
- Executive Summary
- Plastic Waste Flow Report
- Socio-economic Study
- Stakeholder Mapping Report
- GIS Maps

- Dashboard
- Clean database
- Photo documentation
- Case studies
- PPT Presentation

Duration

Approximately **9 Weeks**.

Eligibility

Agency should have Minimum 5 years' experience in ...

- Baseline studies
- Waste Management
- Circular Economy
- EPR
- Urban Development
- ESG
- Livelihood
- MEL

OR

Experience in the similar assignments

Team Composition

Experts Like ...

- Team Leader
 - Waste Management Specialist / Environmental Engineer / Social Development Expert / Statistician / GIS Expert / Data Analyst / Livelihood Specialist / Field Coordinator / Enumerators.
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Proposal Submission

Technical Proposal

Include:

- Understanding of assignment
- Methodology

- Work plan
- Team
- Similar assignments
- Risk management
- Timeline

Financial Proposal

Should include break up of Professional Fee (Expert engagement, Travel, Survey Cost, Enumerators, Data Collection, Workshops/IDI/ FGDs, GST /Taxes etc.)

Evaluation Criteria (Quality and Cost Based Selection “QCBS” – 80:20)

Criteria	Marks/Rating
Understanding of Assignment	15
Methodology	20
Experience	15
Team Composition	20
Work Plan	10
Technical Total	80
Financial Proposal	20
Grand Total	100

Payment Schedule

Milestone	Payment
Inception Report Approved	20%
Completion of Field Survey & Exercises	30%
Draft Report Submitted	25%
Final Report and Presentation Accepted	25%

Interested agency should send their proposal/s, to procurement@globalcompact.in by **31 July 2026**. The subject line of the email should read: “Proposal for Baseline Assessment- Litter to Livelihood and Plastic Circularity Project [Agency Name].”
