

Terms of Reference/Request for Proposal

Date: 27/10/2026

Proposals are invited by Technology Informatics Design Endeavour (TIDE) for **“Selection of a Contractor/Vendor for Fabrication and Installation of Innovative Dry-Waste Bins in Chikkaballapura CMC, Karnataka.”**

Introduction

Technology Informatics Design Endeavour (TIDE) is a development organization based in Bengaluru that leverages technology for conserving the environment, creating livelihoods, and addressing societal issues. TIDE's work encompasses energy access and biomass-based cooking solutions, environment conservation through energy waste and water interventions, and Technology based innovative livelihoods, particularly with a focus on rural women. TIDE is currently implementing a project titled Integrated Water Management in partnership with BORDA, in different towns of Karnataka. For more information about TIDE, please visit www.tide-india.org

Title	Selection of a Contractor/Vendor for Fabrication and Installation of Innovative Dry-Waste Bins in Chikkaballapura CMC, Karnataka
Location	Chikkaballapura City Municipal Council (CMC), Karnataka
Nature of Assignment	The project aims to implement Innovative bins for the dry waste that should be fabricated and placed in the specified locations in the Chikkaballapura city. The activity is taken up with a collaboration with Chikkaballapura CMC
Contract period	The contract period will be for the duration of 20 days

Background of Project

Chikkaballapura is the district headquarters of Chikkaballapura district in Karnataka, located approximately 56 km north of Bengaluru. The city covers an administrative area of 18.25 sq. km, divided into 31 wards. According to the 2011 Census, the city had a population of 63,652. The estimated population in 2021 was 73,709, comprising 17,276 households.

Waste from commercial establishments is collected at periodic intervals. However, littering, particularly plastic waste, has increasingly been observed in core commercial areas and high-footfall locations.

To address these challenges, strategic interventions are being planned to improve waste management and promote responsible waste disposal. One such intervention is the installation of innovative and creatively designed dustbins in key commercial areas. These bins aim to discourage littering by encouraging behavioural change and making proper waste disposal more accessible and convenient

Terms of Reference:

Technology Informatics Design Endeavour
FF1, Sapthagiri apartments, No. 30, 10th cross, 15th main road, RMV extension, Sadashiv Nagar,
Bengaluru - 560080

Email - info@tide-india.org

Ph - 080 2361 2031

The bidder shall be responsible for the activities and roles mentioned herein, and shall also support TIDE wherever reasonable and possible, to ensure that the objectives of the assignment are met. The details of the assignment are given below:

Scope of assignment:

The selected vendor shall undertake the **design, fabrication, painting, supply, transportation, installation and handover of innovative dry-waste bins** at designated locations within Chikkaballapura City Municipal Council (CMC), Karnataka. The scope includes:

1. **Fabrication:** Manufacture bins as per the approved design, dimensions and technical specifications, using suitable MS material.
2. **Surface Treatment and Painting:** Remove rust, oil and dust; apply one coat of anti-corrosive primer followed by a minimum of two coats of weather-resistant paint. The colour and finish shall be approved by TIDE/CMC.
3. **Transportation and Installation:** Transport the bins to designated locations and install them securely, including the required fixing and foundation arrangements.
4. **Quality and Safety:** Ensure structural stability, durability, safe edges and a neat finish, in accordance with the approved specifications.
5. **Inspection and Handover:** Rectify defects identified during inspection and hand over the completed bins to TIDE/CMC.
6. **Warranty:** Provide a warranty against manufacturing defects, structural failures and premature paint peeling or flaking, as specified in the RFP.

The vendor shall include all material, labour, painting, transportation, installation and other incidental costs in the quotation. All work shall be completed within the agreed timeline and subject to approval by TIDE/CMC.

Sl no.	Description	Dimension	Total Numbers
1	Fabrication & installation of Innovative bins for the dry waste in the city.	Length 8 ft X diameter 3 ft	Quantity to be confirmed; bidder to quote unit rate
		Length 3 ft X diameter 2 ft	
<i>Note: The vendor shall quote a unit rate for each size and a total estimated price based on the quantities stated in the final pricing schedule. Any quantity variation requires prior written approval from TIDE and shall be priced at the accepted unit rates.</i>			



Image only for reference

Technical specifications and Quality Requirements:

The bidder shall provide a technical proposal specifying the following. Values not yet confirmed by TIDE/CMC must be finalized before issuing or approved in writing before fabrication.

Parameter	Requirement / details to be confirmed
Material	High-grade mild steel (MS); bidder to specify grade/type.
Sheet thickness and frame	Bidder to state MS sheet thickness in mm, frame section, supports and reinforcement; final values subject to TIDE/CMC approval.
Dimensions and capacity	As per approved drawings; bidder to indicate approximate capacity.
Design and access	Opening size, waste deposit access, emptying/collection method and any lid/door mechanism to be shown in drawings.
Surface treatment	Primer and weather-resistant paint/coating; colour and branding to be approved by TIDE/CMC.
Safety and stability	Smooth/deburred edges, no exposed sharp projections, adequate stability and safe use in public areas.
Installation	Suitable anchoring/fixing or foundation method, with details in the drawing.
Branding	Any logos, messages or signage only as approved by TIDE/CMC.

Duration of the assignment:

The project shall be executed within 20 days of the contract award. The contractor should adhere to the work plan as shown below. **(Subject to revision based on mutual consent or as per ground condition.)**

Eligibility criteria:

The firm should meet the following minimum eligibility criteria:

- The company/firm/contractor should be registered with a legally binding registration document
- The company/firm/contractor should have executed a minimum of 3 projects similar to this project
- The company/firm/contractor shouldn't have been blacklisted by central/state government agencies

Note: The Consultants need to submit supporting documentary evidence for the criteria.

Evaluation Criteria:

Sr No	Indicator	Description	Document Evidence	Weightage
1	Experience	The contractor must have executed a minimum of 3 projects relevant to the Implementation of Composting unit	Work order/ Work completion certificate/Self-certification providing details of the project (Details of the project should include Name of project and description, Start and completion date of the project, Location and total project cost, Photographs)	30%
2	Bid Price	The price quoted by the agency	Lumpsum costs	70%
Note: All the eligible firms will be graded on the above criteria. The one with the highest grade/score will be awarded the contract.				

Work Plan:

The project duration is from the 1st week of November 2026 to the 3rd week of November 2026. Material procurement and installation should commence not later than the 2nd week of November 2026. and the work shall be completed by the 3rd week of November 2026.

Activity	November 1 st week	November 2 nd week	November 3 rd Week
Award of contract & assessment of project area			
Procurement of the material			
Work completion			

Schedule of Payment:

Sl. No.	Deliverable	Reports to be submitted	Percentage of Payment
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1	Procurement of the materials	Procurement report	40%
2	On completion of the work as mentioned.	Work completion report	60%
Note: The payment schedule will be finalized in consultation with the Consultant at the contract award stage			

Submission of Proposal and deliverables:

The proposal must be submitted over email to the email id: sasi.priya@tide-india.org, kapil.k@tide-india.org & iwm.accountant@tide-india.org with the following documents attached,

- Supporting documents for eligibility and evaluation criteria
- Self-certification of not being blacklisted by central/state government agencies.
- Properly filled Annexure I to V

Confidentiality and Intellectual and Other Property Rights

All reports, notes, statistics and other documents and data compiled and collected, or software developed by the Contractor under this Agreement shall be confidential and the property of TIDE. The Parties herein agree to keep the terms of this TOR all or any information which any or all of the parties herein shall become acquainted with shall not be disclosed, either directly or indirectly to third parties or be used in any way, or in any manner that would be detrimental to the business of the partners.

Sd/-
Director-TIDE