



TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR

Terms of Reference/Request for Proposal

Date: 21.03.2024

Proposals are invited by Technology Informatics Design Endeavour (TIDE) for “Selection of Vendor for the preparation of Detailed Project Report for establishing secondary Transfer Station in Ullala City Municipal Council, Dakshina Kannada district, 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 Vendor for the preparation of Detailed Project Report for establishing a Secondary Transfer Station in Ullala, Dakshina Kannada district, Karnataka .”
Location	Ullala Taluk, Dakshina Kannada district, Karnataka
Nature of Assignment	The project aims for preparation of Detailed Project Report for Setting up Secondary Transfer Station in Ullala, of Dakshina Kannada district, Karnataka. The scope of work includes undertaking baseline assessment, providing suitable technology for the implementing secondary transfer station, cost for implementation with estimated timeline, consultation with ULBs and plan of action for implementing the project on ground.
Contract period	The contract period will be for the duration of 45 days (about 1 and a half months)

Background of Project

Ullal is a City Municipal Council located in Dakshina Kannada district. The town has a population of 53,000 as per the 2011 census. It was told that 100% source segregation takes places for both dry and wet waste at HH level and the same is collected and transported to the CMC premises. Out of the 20 Tons per Day (TPD) of waste being collected, 8 TPD is dry waste, 10TPD is wet waste and 2 TPD is sanitary waste. The CMC faces significant challenges in transporting the waste to the Mangalore City Corporation

Technology Informatics Design Endeavour
FF1, Sapthagiri apartments, No 30, 10th cross, 15th main road, RMV extension, Sadashivanagar,
Bengaluru – 560080

Email – info@tide-india.org

Ph – 080 2361 2031

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(MCC) Municipal Solid Waste (MSW) plant in Pachanady for co-processing which is 17 km away. CMC is willing to set up a secondary transfer station in order to optimize and streamline the transfer of waste to the MCC- MSW plant. Based on mutual understanding between the ULB and TIDE, the latter has decided to hire a consultant to prepare ready to tender DPR for setting up the secondary transfer station. The CMC has reserved funds and identified land for the project.

Terms of Reference:

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 overall objective of the assignment is to develop a detailed project report for establishing a secondary transfer station for Ullala, Dakshina Kannada, Karnataka. The agency undertaking this activity shall be responsible for leading this activity, with the following scope:

1) Secondary Transfer station Plan:

1. Land survey and feasibility for setting up of secondary transfer station at Ullala, Dakshina Karnataka
2. Finalization of the area program
3. Screening and identification of suitable technological options- including details for machinery required for setting up the transfer station.
4. Conducting consultations with the municipalities for the selection of preferred feasible technology.

2) Engineering design and detailed estimate of setting up secondary transfer station.

1. Detailed engineering design drawings along with detailed BOQ with estimates of the secondary transfer station in accordance with the latest Karnataka Schedule of rates
Note: The proposed infrastructure for secondary transfer station should be designed considering the geoclimatic and land conditions
2. Prepare the tender documents for implementation for tendering by the CMC.
3. Providing steps and plan of action for implementing the project
4. Provide O&M plan/ suitable business model for the facility which will be taken up by the ULB staff.

Deliverables

- 1) Ready to tender documents for implementation of the secondary transfer station with DPR consisting of CMC approved drawings, estimates and BOQ.

Eligibility criteria:

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The firm should meet the following minimum eligibility criteria:

<ul style="list-style-type: none"> The company/firm/contractor should be registered with a legally binding registration document.
<ul style="list-style-type: none"> Maintenance of comprehensive documentation related to statutory compliance, including permits, approvals, monitoring records, and compliance reports.
<ul style="list-style-type: none"> The company/firm/contractor shouldn't have been blacklisted by central/state government agencies and have no legal liability towards any governmental or non-governmental agency
<p>Note: The Consultants need to submit supporting documentary evidence for the criteria.</p>

Evaluation Criteria:

S. No	Indicator	Description	Document Evidence	Weightage
1	Bid Price	Price quoted by the agency for completion of the assignment	Lumpsum cost	30%
2	Technical Experience	Agency/consultant should have a minimum of 5 years' experience in the field of waste management including preparation of DPRs. and support in implementation of solid waste management plants.	Work order/Work completion certificate/ proof of work/reports Self-certification providing details of the similar project (Details of the project should include Name of project and description, Start and completion date of the project, Location, and total project cost)	70%
<p>All the eligible firms will be graded on the above criteria. The one with the highest grade will be awarded the contract.</p>				

The bidder has to submit the lumpsum cost for undertaking the project in the Bid format mentioned in the Annexure IV

Duration of the assignment:

The project shall be executed within 30 days of the contract's award, shall be delivered by the **1st week of May 2023**. The agency should adhere to the work plan as shown below. **(Subject to revision based on mutual consent or as per ground condition)**

Work Plan:

The project duration is from the **5th week of March 2024 to 1st week of May 2024**.

Activity	March 5 th week 2024	April 1 st - 2 nd week 2024	April 3 rd - 4 th week 2024	May 1 st week 2024

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Award of contract				
Situation assessment and gap analysis study				
Architectural design with detailed drawings along with Final DPR				

Schedule of Payment:

Sl. No.	Deliverable	Stage of payment	Percentage of Payment
1	Final DPR	1st	100%
Note: The payment schedule will be finalized in consultation with the Consultant at the contract award stage. All the payments will be done only after we receive the original invoice to the office address.			

Submission of Proposal and deliverables:

The proposal must be submitted over email to the email id: priyanka.r@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 VI

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