



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 designing Sanitation Workers Resting Facility in Sidlaghatta, Chikkaballapura 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 designing Sanitation Workers Resting Facility in Sidlaghatta, Chikkaballapura district, Karnataka.”
Location	Sidlaghatta CMC, Chikkaballapura district, Karnataka
Nature of Assignment	The project aims to design Sanitation Workers Resting Facility comprising of toilets, bathing units, multipurpose spaces, etc., for sanitation workers at municipal office premises, Sidlaghatta.
Contract period	The contract period will be for the duration of 45 days (about 1 and a half months)

Background of Project

Sanitation workers around the world provide the most essential public service. Despite the important work they do, they have been given less attention by the people for whom they work for. Most sanitation workers come from economically poorer backgrounds and often live in very densely populated locality with inadequate access to water and sanitation facilities. Even during working hours access to basic facilities such as hand washing units, toilet and safe drinking water facilities are absent. To address this issue, TIDE in collaboration with Shidlaghatta CMC has planned to design a Sanitation Workers Resting Facility to improve the working condition of the sanitation worker. The facility is intended to provide access to all basic services to the sanitation workers at their workplace along with comfort and happiness to ensure healthy working conditions.

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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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 the assignment's objectives are met. The details of the assignment are given below:

Scope of assignment:

The vendor is required to provide professional inputs, advice and support for development of design for Sanitation Workers Resting Facility in Sidlaghatta on a plot(30ft*40ft)) designated for the same-

No	Activities
<i>Stage I: Preparation of overall project concept for developing Sanitation Workers' Resting Facility</i>	
1	Engagement with client to map user requirements, understand Project budget and space availability, special needs, desired aesthetics, quality benchmark, engineering requirements and timeline
2	Site assessment of allocated land to study requirements of all the programmable area
3	Prepare preliminary schematic design based on mutually agreed requirements of the client and CMC. The schematic design should include initial site plan, floor plan, elevation-illustrative sketch-3D computer rendering.
4	Prepare preliminary project cost estimates with preliminary specifications and review with the budgetary cost of the Client.
5	Obtaining approval for schematic design documents and incorporate all comments/revise documents as necessary
<i>Stage II: Preparation of detailed Architectural and Engineering drawings (Upon approval of design concept)</i>	
Prepare Architectural, Engineering drawings, Plumbing, Utility, electrical and mechanical drawing based on the approved Schematic Design Documents. The design shall include the following drawings/Layout.	
Architectural drawings, though not limited to following, shall include	

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No	Activities
1	Site Plan
2	Setting out Layout
3	Floor plans / construction plans / with all partition types and details
4	Elevations and sections drawings
5	Opening schedule
6	All applicable Interior drawings
	Engineering drawings, though not limited to following, shall include:
1	Foundation excavation plan
2	Footing details
3	Column Plan and sections
4	Plinth, beams plan and sections
5	Slab drawings
6	Staircase layout and detailing
	Plumbing and Utility drawings
1	Water supply layout
2	Drainage Layout
3	Water tank and septic tank
	Electrical and Mechanical drawings
1	All applicable electrical layout
2	Ventilation layout (If required)
	<i>Stage III: Preparation of bill of quantities and work schedule</i>
1	Preparing Bill of Quantities separately for each group of works based on applicable SR rates (i.e. architectural & construction works; electrical; mechanical; equipment; furniture & accessories).
2	Preparation of tentative work schedule based on local conditions
	<i>Stage IV: Construction supervision and troubleshooting support from design perspective</i>
1	Providing necessary inputs during construction as per site observation. The number of site visits can be mutually agreed during the contract stage based on field conditions.
2	Provide trouble shooting support on design aspects as per site conditions during implementation stage

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Deliverables

- 1) Ready to tender documents for implementation of Sanitation Workers' Resting Facility with CMC approved drawings, estimates and BOQ

Eligibility criteria:

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	Experience	Vendors should have a minimum of 5 years' experience in the field of architecture	Registration of the organisation and proof of continuous practice, portfolio	30%
3	Designs	Must have designed atleast 2 social infrastructure projects like school, public toilet, anganwadis, health centres which should have been implemented	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). Previously prepared designs, portfolio, feedback from users	40%
<p>All the eligible firms will be graded on the above criteria. The one with the highest grade will be awarded the contract.</p>				

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The bidder will quote lumpsum cost for the activity in the bid format available in Annexure 4. Note that travel and logistics costs need to be borne by the vendor themselves.

Duration of the assignment:

The project shall be executed within 45 days (about 1 and a half months) of the contract's award, shall be delivered by the **2nd 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 2nd 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 - 2 nd week 2024
Award of contract				
Conceptual designs				
Preparation of Architectural and Engineering design				
Preparation of BOQ				

Schedule of Payment:

Sl. No.	Deliverable	Stage of payment	Percentage of Payment
1	Architectural designs	1 st	50%
2	BOQ and Estimates	2 nd	50%
Note: The payment schedule will be finalized in consultation with the Consultant at the contract award stage. All the payments will be made only after we receive the original invoice at the office address.			

Submission of Proposal and deliverables:

The proposal must be submitted over email to the email id: arjun.kumar@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

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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