

## Terms of Reference/Request for Proposal

**Date: 12.06.2024**

Proposals are invited by Technology Informatics Design Endeavour (TIDE) for **“Selection of Vendor for Conducting Topographical Survey for Usedwater and Stormwater management in Sriram Nagar Colony, Chintamani, 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](http://www.tide-india.org)

<b>Title</b>	<b>“Selection of Vendor for Conducting Topographical Survey for Usedwater and Stormwater management in Sriram Nagar Colony, Chintamani, Karnataka.”</b>
<b>Location</b>	Chintamani, Chikkaballapura district, Karnataka
<b>Nature of Assignment</b>	The project is aimed for surveying and mapping roads, drains, households of Sriram Nagar Colony in Chintamani, for developing detailed plan for Usedwater and Stormwater management in Sriram Nagar colony of Chintamani, Chikkaballapura district of Karnataka.
<b>Contract period</b>	The contract period will be for the duration of 12 days

### Background of Project

Chintamani is a town 70km away from Bengaluru, and it has an 80,000 population. A significant chunk of the population lives in slums where roads are narrow and Usedwater lines/utilities are scarce. The blackwater is discharged in the UGD, but the greywater is let out in open drains that convey the usedwater to lakes and other water bodies. The open drains often get choked because of solid waste that's thrown into them and causes nuisance such as odor and mosquito menace. To overcome this problem, Chintamani CMC plans to provide a closed drain system for stormwater, connecting greywater to the existing UGD and conveying it to the treatment plant. For this purpose, CMC Chintamani requested TIDE to undertake a topographical survey of the entire Sriram nagar colony. The known area of the colony is about 2.9acres (350 households) and an additional 100 Households of in the same colony need

Technology Informatics Design Endeavour

FF1, Sapthagiri apartments, No 30, 10<sup>th</sup> cross, 15<sup>th</sup> main road, RMV extension, Sadashivanagar, Bengaluru – 560080

Email – [info@tide-india.org](mailto:info@tide-india.org)

Ph – 080 2361 2031

to be surveyed. The maps generated through the same will help CMC in planning for the closed drain in the colony.

## **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 overall objective of the assignment is to conduct Topographical Survey Work in Sriram Nagar Colony in Chintamani, Karnataka. The agency undertaking this activity shall be responsible for leading this activity, with the following scope:

**The scope of work includes mobilization of necessary equipment and surveyors to Sriramnagar colony of Chintamani town by improvising the existing drawings for the 2.9 acres of the colony and undertaking the topographical survey for mapping the following:**

- Each house boundary line to the roadside.
- Connections of sanitary, storm, water lines, and electrical, etc.
- Requirement of existing open drain flow invert levels at intervals of 10m & directions of water flow.
- Requirement of existing sanitary manhole invert levels & top levels, pipe diameters, & flow directions.
- Requirement of existing water pipeline routing, levels, pipe diameters, and connection details.
- Each area's sanitary & storm disposal tank or any other options.
- Road junctions' public health engineering service crossing details.

**For the other 100 households in the same colony, in addition to the above-mentioned requirements, the following details need to be surveyed:**

- Road network which includes length, width and levels
- Open drain length and width
- Manholes-locations
- Electrical poles
- Any other items/obstructions on the road
- Mark the perimeter of the slum

**Extended toposurvey drawings for a distance up to 500m beyond the slum boundary needs to be given.**

## **Deliverables**

Completion of the survey and Final submission of detailed drawings.

## **Eligibility criteria:**

The firm should meet the following minimum eligibility criteria:

---

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

Email – [info@tide-india.org](mailto:info@tide-india.org)

Ph – 080 2361 2031

<ul style="list-style-type: none"> <li>The company/firm/contractor should be registered with a legally binding registration document.</li> </ul>
<ul style="list-style-type: none"> <li>Maintenance of comprehensive documentation related to statutory compliance, including permits, approvals, monitoring records, and compliance reports.</li> </ul>
<ul style="list-style-type: none"> <li>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</li> </ul>
<p><b>Note: The Consultants need to submit supporting documentary evidence for the criteria.</b></p>

**Evaluation Criteria:**

S. No	Indicator	Description	Document Evidence	Weightage
1	<b>Bid Price</b>	Price quoted by the agency for completion of the assignment	Lumpsum cost	50%
2	<b>Technical Experience</b>	The contractor must have executed a minimum of 3 projects similar to the work mentioned above	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)	50%
<p><b>All the eligible firms will be graded on the above criteria. The one with the highest grade will be awarded the contract.</b></p>				

**Duration of the assignment:**

The project shall be executed within 12 days (about 1 week 5 days) of the contract's award and delivered by the **1st week of July 2024**. 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 **20th June 2024 to 2nd July 2024**.

Activity	June 4 <sup>th</sup> week 2024	June 5 <sup>th</sup> – July 1 <sup>st</sup> week 2024	July 1 <sup>st</sup> week 2024
Award of contract			
Mobilization of team and equipment to Sriram Nagar colony, Chintamani and completion of the survey drawings			

Final drawings submission (after the internal team's/expert's approval on the changes to the drawings.)			
---	--	--	--

## Schedule of Payment:

Sl. No.	Deliverable	Stage of payment	Percentage of Payment
1	On mobilization of team and equipment to Sriram Nagar colony, Chintamani	1 <sup>st</sup>	50%
2	Final drawings submission (after the internal team's/expert's approval on the changes to the drawings.)	2 <sup>nd</sup>	50%

**Note: The payment schedule will be finalized in consultation with the vendor 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: [anjali.w@tide-india.org](mailto:anjali.w@tide-india.org), & [iwm.accountant@tide-india.org](mailto: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