

# **VAPI GREEN ENVIRO LIMITED**

Plot No.135, VIA House, GIDC Char Rasta, Vapi 396 195

Tel.: 91 260 2428950 Fax: 91 260 2429950

E Mail: [dgm.purchase@vgelvapi.com](mailto:dgm.purchase@vgelvapi.com)

CIN: **U74210GJ1997GAP031525**

## **Tender for engage Consultant**

**for design and development of Construction of Landfill site with Cells for safe Disposal of Solid Hazardous waste as per GPCB / CPCB norms at New TSDF site.**

# **Index**

- 1. Section 1: Important Dates and Information of the Tender**
- 2. Section 2: General Instructions**
- 3. Section 3: Qualification & Technical Criteria**
- 4. Section 4: Financial Condition**
- 5. Section 5: Price Bid**

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## Section 1: Important Dates and Information of the Tender

VGEL is inviting proposals from experienced and reputable consultants to undertake the design and development of a new Treatment, Storage, and Disposal Facility (TSDF) for solid hazardous waste. This project will be located at our new site and will include the construction of landfill cells, internal roads, office buildings, weighbridges, storage facilities, and a green belt area. The selected consultant will be responsible for the complete design, preparation of all drawings, bill of quantities (BOQ), cost estimation, and the preparation of draft tender documents. Furthermore, the consultant will assist VGEL in the selection process for an execution agency.

**Tender Reference:** VGEL/NTSDF/001 – Dated 20th August, 2024.

### **Key Dates and Requirements**

- **Pre-Bid Meeting:** Scheduled for 14:00 Hrs on 30th August, 2024 at the CETP Site, located at S. No. 901/P to 906/P, Near Damanganga River, NH 48, 1st Phase GIDC, Vapi - 396195. Attendance is highly encouraged to ensure full understanding of the tender requirements and project scope.
- **Submission Deadline:** All proposals must be submitted no later than 13:00 PM on 06th September, 2024.
- **Technical Bid Opening:** The bids will be opened at 13:30 PM on the same day, 06th September, 2024, subject to the availability of the signing authority.
- **Price Bid:** Price Bid will be opened for Technically Qualified Bidders only after Technical Evaluation.

### **Submission Method**

Proposals must be sent through Speed Post, Registered Post, Courier, or Hand Delivery. Ensure that all submissions are sealed properly and marked with the tender number.

### **Financial Information**

- **Tender Fee:** Rs. 1,500/- plus 18% GST, Totalling Rs. 1,770/- (Non-refundable).
- **Earnest Money Deposit (EMD):** Rs. 10,000/- (Refundable). This deposit is required to ensure that the bidder does not withdraw their bid during the period of bid validity.
- **Bid Validity:** Bids must remain valid for a minimum of 120 days from the date of bid opening.

### **Important Note**

- **Labelling of Envelope:** Each submission envelope should be superscripted with the following text: "Proposal for Consultancy Services for New TSDF site, Tender Number: VGEL/NTSDF/001".
- **Project Completion:** For information regarding the time duration of the project, please refer to Section 4: Financial Conditions.

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## **Section 2: General Instructions**

### **1. Document Availability**

Tender documents can be accessed and downloaded from VGEL's official website: [www.vgelvapi.com](http://www.vgelvapi.com). It is crucial for interested parties to review the document thoroughly to understand all requirements and obligations.

### **2. Submission Address**

Completed tender documents are to be submitted to the following address before the final submission deadline:

**The Chief Executive Officer,  
Vapi Green Enviro Limited,  
135, VIA House, Char Rasta,  
GIDC, Vapi 396 195,  
Gujarat, India.**

### **3. Bid Packaging**

Bids must be packaged in a sealed cover containing two distinct envelopes:

- **Technical Bid Envelope:** Includes:
  1. The technical qualification page and all related documents.
  2. Copies of all document sections, except for the Price Bid (Section 5), each duly signed and stamped.
  3. Financial conditions (from Section 3) must be included, signed, and submitted with the Technical Bid.
  4. No deviations from the stated conditions in the tender documents will be accepted.
- **Price Bid Envelope:** Should be separately sealed and clearly labelled with the tender name, the name of the supplier, and the name of the recipient.

### **4. Method of Submission**

Bids must be sent via Speed Post, Registered Post, Courier, or Hand Delivery strictly within the stipulated submission timeline. The bidder is solely responsible for ensuring timely delivery. Delays caused by postal or courier services will not be considered for allowance.

### **5. Rights of VGEL**

VGEL retains the right to accept or reject any or all proposals, in whole or in part, or to cancel the tender process at any stage without prior explanation. VGEL may also choose to retender based on organizational needs without providing justification.

### **6. Unconditional Acceptance**

All bidders must unconditionally accept all terms and conditions outlined in the tender document.

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## 7. Document Amendments

VGEL may update the tender document for clarity or to enhance competitiveness. Any amendments will be published on [www.vgelvapi.com](http://www.vgelvapi.com). Bidders are advised to regularly check the website for the latest updates.

## 8. Bidder Compliance

Proposals not received within the specified timeframe or not adhering to the prescribed format will be disqualified.

## 9. Public Notices

Notifications and any corrections related to the tender are published in newspapers and are also available on the VGEL website.

## 10. Repeat Document Access

Interested parties are reminded that they can obtain the tender document from the VGEL website as mentioned in the initial section.

## 11. Additional Submission Point

All filled tender documents should also be sent to the following head office address:

**The Chief Executive Officer,  
Vapi Green Enviro Ltd.,  
135, VIA House, Char Rasta,  
GIDC, Vapi 396 195, Gujarat (India)**

## 12. Reception of Tender Forms

Completed tender forms will be accepted at the head office during office hours (10:00 AM to 5:00 PM) up to the deadline mentioned in Section 1.

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## Section 3: Qualification & Technical Criteria

Qualification Criteria:

To qualify for this tender, bidders must demonstrate the following competencies and experiences:

### 1. Relevant Experience:

- Proven track record in designing Common Hazardous Waste Treatment, Storage, and Disposal Facility (TSDF) sites or Common Hazardous Waste (CHW) sites.
- At least one project completed in Gujarat, showcasing local experience.

### 2. Technical Expertise:

- Minimum of 5 to 10 years in secured landfill site design and hazardous waste management.
- Thorough knowledge of GPCB, CPCB, MOEF & CC guidelines and statutory standards including PCB, fire, and emergency services.

### 3. Safety and Environmental Compliance:

- In-depth understanding of construction safety standards, Environmental Health and Safety (EHS) guidelines, and familiarity with National Building Code (NBC) Standards.
- Experience in designing landfill sites and associated infrastructure such as roads, weigh bridges, storage sheds, laboratories, and leachate treatment plants as per regulatory guidelines. Documentary evidence such as work completion certificates must be provided.

### 4. Technical Team Requirements:

- Structural Design Engineer: Minimum 5 years of experience, with a Master's or B.E./B.Tech degree in Civil Structural Design preferably Hazardous Waste Cell Design.
- Architect: Preferred experience in plant layout.
- Civil Site Engineer: 3 to 5 years of experience, holding a degree or diploma in Civil Engineering.

Technical Details:

- Project Type: Green Field Project.
  - Location: Proposed Green Field TSDF site, Vapi Green Enviro Ltd Phase: IV GIDC, Vapi – 396195, covering approximately 1.08 lakh sq. mtr.
- Capacity Assessment: Consultant will calculate the capacity needed for landfill hazardous solid waste.

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## Scope of Work:

The consultant will be responsible for the comprehensive development of the TSDF site, including but not limited to:

- General Layout and Design:
  - Secured Landfill Cells as per GPCB/CPCB guidelines.
  - Infrastructure including administration offices, utilities like electrical and engineering offices, and general facilities such as soil investigation, security offices, parking areas, and environmental structures like storm water drains and green-belt areas.
- Project Management Duties:
  - Preparation of detailed project reports, bills of quantity, tender documents, and tender evaluations.
  - Overseeing and Inspection during project execution to ensure material and construction quality.
  - Phase-wise designing of hazardous solid waste disposal cells and associated management tasks.

## Compliance and Regulatory Adherence:

- All designs and operations will adhere to the stipulated GPCB/CPCB guidelines and the latest codes of practice for the construction of common hazardous solid waste landfills.
- The project will comply with Chapter-V of the Treatment, Storage, and Disposal Facility for Hazardous Wastes as outlined in the Hazardous Wastes (Management, Handling, and Trans-boundary Movement) Rules, 2008, along with relevant CPCB guidelines.

### **[A] Secured Landfill Cell As per GPCB/CPCB Guideline.**

Type of structures for Storage Cell: Above ground structure to be developed (above ground) as per GPCB / CPCB Guidelines.

### **[B] Administration office consisting of following.**

1. Conference room
2. Staff Office
3. Pantry
4. Laboratory Office
5. Laboratory
6. Stores and Store Office
7. Server Room & IT Office
8. Under Ground Water Tank.
9. Entry & Emergency Exit Gate

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## **[C] Utilities**

1. Electrical Office
2. Engg. Office and Engineering Store
3. L.T /H.T Yard
4. Electrical room with DG.
5. Weighbridge

## **[D] General**

1. Soil Investigation
2. Security office and Watch towers as required
3. Worker Washing Area.
4. Parking area
5. RCC Road
6. Periphery Boundary Wall
7. Storm Water Drains
8. Run-off Water Guard Pond
9. Wheel Wash Area
10. Sludge Stabilization Pit
11. Interim Storage of Hazardous waste
12. Solar Sludge Drying Platform
13. STP as per GPCB/CPCB Guideline
14. Ground Water Monitoring Wells
15. Lay-out of Garden, Green-belt area etc.
16. Any other miscellaneous requirement of the site

## **[E] Project management for Part: A**

1. Detail Project Report
2. Bill of Quantity
3. Tender Document
4. Tender Evaluation
5. Monitoring during Execution of work for Quality of Material and Construction,
6. Contractor Bill / Quantity Verification and Certification.

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Part: B Designing of Hazardous Solid Waste Disposal Cell as CPCB Guidelines.

Following work to be considered for designing

1. Base Preparation Work
2. Leachate Collection Sump
3. Side Retaining Earth Wall of Facia Block and Geo-Grid.
4. Phase wise cell development
5. Issue of Stability Certificate for Solid Hazardous waste storage Cell

Project management for Part: B

1. Detail Project Report
2. Bill of Quantity
3. Preparation of Tender Document and to assist in Tendering Process
4. Tender Evaluation
5. Monitoring during Execution of work for Quality of Material and Construction,
6. Contractor Bill / Quantity Verification and Certification.



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## Section 4: Financial Condition

### 1. Fixed Price Proposal

Bidders must submit a fixed price proposal that encompasses the full scope of work as described in the tender document. The price should include all applicable taxes, levies, and duties, or these should be clearly itemized in Section 5 under TAX details.

### 2. Fees and Payment Terms

Compensation for the professional services rendered will be based on the scope of work specified and according to the following payment schedule:

- **Professional Fees:** The total cost to carry out the specified work in Section 5 of this tender document. Bidders must clearly state whether the Service Tax is included or excluded in the quoted price.
- **Project Duration:** The entire project is scheduled for completion within two months from the start date up to Stage 2.
- **Payment Schedule:**

Stage	Stages	% of total Fees	Cumulative %
1	Award of Contract	5%	5%
2	Submission and approval of GA Drawing of the site and Submission of detailed technical DATA of soil investigation	15% On acceptance of report	20%
3	Submission and approval of detailed design and estimation with BOQ for utilities.	20% On acceptance of report	40%
4	Submission and approval of detailed design and estimation with BOQ for Hz. Solid Waste Cell.	25% On acceptance of report	65%
5	Preparation of Tenders for all the civil Structures and for Hz. Solid Waste Cell	20% On acceptance of report	85%
6	Evaluation of Tenders and recommendations.	10%	95%
7	Retention Amount to be paid after completion of Construction of Cell – 1.	5%	100%

### 3. Tender Fee and Earnest Money Deposit (EMD):

- **EMD Submission:** Each bidder must submit an EMD as specified in Section 1. This deposit is refundable and should be made via Demand Draft (DD) or Banker's Cheque in favour of **Vapi Green Enviro Ltd.**
  - Amount: Specify the exact amount.
  - DD or Banker's Cheque Number: To be filled by the bidder.
- **Tender Fee:** A non-refundable tender fee as detailed in Section 1 must also be submitted by each bidder. This fee should be paid via Cash, DD, or Banker's Cheque in favour of **Vapi Green Enviro Ltd.**
  - Amount: Specify the exact amount.
  - DD or Banker's Cheque Number: To be filled by the bidder.

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## Section 5: Price Bid

No	Description	Unit	Total Amount in %.
1	Submission and approval of GA Drawing of the site and Submission of detailed technical DATA of soil investigation	%	
2	Submission and approval of detailed design and estimation with BOQ for utilities.		
3	Submission and approval of detailed design and estimation with BOQ for Hz. Solid Waste Cell.		
4	Preparation of Tenders for all the civil Structures and for Hz. Solid Waste Cell		
5	Evaluation of Tenders and recommendations.		
	Total Quotation in %		
6	Amount for visiting / Supervision / Inspection	Amount in Rs./Visit	

### Note:

- The bidder has to include all other charges (visiting / Supervision / Inspection), taxes, duties, transportation etc while quoting rates.
- If Supplier unable to give price as per above, give the details for taxes and other expenses in following format. If bidder will not specify in below table, then it will be considered as included in above basis price.

Mention details whichever is applicable	
GST	%
Other	%
<b>Contact Person : Name:</b>	
Mobile:	
Email :	

- VGEL has full right to derive a formula to bring all the bidders to a common denominator so as to compare the offers.
- The price is inclusive of all the technical support during the execution of work including the transportation charges of the personnel involved.
- The offer is being made after reading and accepting all the conditions fully and unconditionally.

(Signature and Stamp of bidder)

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## EXPERIENCE ALL PROJECTS IN PROGRESS

Give information about all projects which are in progress including the company has received a letter of intent/ Acceptance but a formal contract has not yet been awarded

Employer	Engineer responsible for supervision	Location and description of works	Value of contract	Cost of work executed as on the date of this bid	Remaining work to be executed as on date of this bid	Percentage of practical completion	Date of work order	Stipulated date of completion of work	Likely date of completion	Reasons for slow progress if any
1	2	3	4	5	6	7	8	9	10	11

**Note :-** Non disclosure of any information in the schedule will result in disqualification of the bidder.

\_\_\_\_\_  
(Signature of Bidder)

## EXPERIENCE RELEVANT PROJECTS COMPLETED

Please furnish information about relevant project (Road works) completed over the last five years

Name of Employer	Name of Location & type of Bridge contracted	Name of Engineer responsible for supervision	Contract price (Rs. in Lacs)	Final value as per bill prepared by the employee	Additional amount released if any through court claims or by award or arbitrator	Date of work order	Stipulated date of completion of work	Actual date of completion	Reason for slow progress if any
1	2	3	4	5	6	7-A	7-B	7-C	8

**Note :-** Non disclosure of any information in the schedule will result in disqualification of the bidder.

\_\_\_\_\_  
(Signature of Bidder)

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## VENDOR REGISTRATION FORM

1	Supplier / Contractor / Both *	
2	Name *	
3	Type of Vendor * [Regd. Manufacturer / Non Regd. Manufacturer / Regd. Distributer / Non Regd. Distributer / Transporter / Retailer / Service Provider / Other ]	
4	Branch [ CETP, CSWP, COE, HO ] *	
5	Address 1 *	
	Address 2	
	Address 3	
6	City *	
7	State *	
8	Country *	
9	Pin Code *	
10	Phone No.1 *	
11	Phone No.2 *	
12	Extension	
13	Mobile No. *	
14	Fax No.	
15	E-Mail ID. *	
16	PAN No.	
17	MSME Registration No.	
18	GST Registration No. **	
19	Name of the Bankers *	
20	Bank Branch *	
21	Bank Account No. *	
22	RTG/NEFT Ref. No. *	
23	Contact Person Name	
24	Designation	
25	Contact Person Mobile No.	
26	E-mail ID.	
27	Performance	
28	Remarks	

- a) \*\* Marked is mandatory entry for Contractor. Without this data, form will not be accepted by VGEL.
- b) If any details are not applicable / not available the please type "NA".
- c) Also, kindly mail the above Updated file to e-mail address "[dgm.purchase@vgelvapi.com](mailto:dgm.purchase@vgelvapi.com)" in excel format.
- d) Please attach copy of cancelled cheque GST, PAN, MSME along with this form