

**(Retender)
Expression of
Interest
for
Empanelment of Geotechnical
Consultants
(23rd October 2020)**



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HITES
INVITATION OF EXPRESSION OF INTEREST
(EOI) FOR EMPANELMENT OF
GEOTECHNICAL CONSULTANTS

Infrastructure Development Division of HITES (a fully owned subsidiary of HLL Lifecare Ltd) invites EOI from eligible Geotechnical Consultancy firms/ Geotechnical Engineers as Consultants for providing consultancy in various Healthcare, Institutional and other Infrastructure development projects to conduct Geotechnical investigation to prepare and submit the DPRs.

The proposals duly completed as per prescribed format along with processing Charges must reach on or before 06.11.2020 at 3.00 pm in the office of HITES at Thiruvananthapuram. The opening will be on 07.11.2020 at 3.00 PM at Thiruvananthapuram.

The detailed EOI with Annexure may be obtained from website www.hllhites.com

CHIEF ENGINEER (DESIGN & Contracts)
HITES, RO (Trivandrum)

INTRODUCTION/ BACKGROUND

I. HITES

1. HITES is a fully owned subsidiary of HLL Lifecare Limited (HLL), a Mini Ratna Central Public Sector Enterprise, under the administrative control of Ministry of Health & Family Welfare, Government of India. HLL is a multi-product, multi-division organization with a wide range of healthcare products and services, with presence in more than 115 countries. HLL's purpose of business is providing quality healthcare products and services at affordable prices. HLL's range of services includes Infrastructure Development, Procurement Consultancy, Diagnostics Service and Facility Management. HLL is positioned as a total healthcare solution provider which caters to a well-being of the society at large.

2. HITES is committed to:
 - (a) Provide comprehensive consultancy services in healthcare sector
 - (b) Setting up world class healthcare facilities by providing innovative solutions to infrastructure development.
 - (c) Maintaining high quality standards and performance
 - (d) Providing state-of-the-art healthcare facilities

3. HITES is a premier consultancy organization engaged in the development of several Healthcare Infrastructure projects in the Country. Infrastructure Development division (IDD) provides comprehensive consultancy services in the Infrastructure Development sector. IDD has executed Infrastructure Development projects including Design, Engineering and Civil works as Project Management Consultants /EPC Developer and Construction Agency to the Government of India (mainly Ministry of Health & Family Welfare), State Governments, other Govt. agencies such as ESIC (under Ministry of Labour), NHM (under various state Govts.), NACO, IPC, IMPCL. IDD mostly undertakes Institutional & Healthcare Infrastructure Development Projects. HITES's expertise and experience in providing comprehensive solution to all healthcare related infrastructure initiatives make it a leader in this field.

II. Empanelment of Geotechnical Consultants

HITES invites Expression of Interest for Empanelment of Geotechnical Consultants for providing Geotechnical Engineering and Design services for their various Healthcares, Institutional and other infrastructure development projects.

A non refundable processing fee of Rs.1,770/- (Rupees One Thousand Seven Hundred and Seventy only) including GST should be enclosed with all applications by DD, in favour of HLL Infra Tech Services Ltd payable at Thiruvananthapuram. The bidders who had submitted the fees in the EOI for Empanelment of Geo technical Consultancy services dated 26th August 2020 need not submit the fees again. Applications not accompanied with processing fees, shall summarily be rejected.

III. Scope & Eligibility

1.Scope of work

- Carrying out soil investigations (both Machine boring, Hand auger boring), hydrological investigations, etc as IS code provisions and suggest sequence of excavation if necessary.
- Recommend soil stabilization methodology, soil protection systems if required
- Recommendation of economical type of foundation to be adopted and its depth to transfer the design loads (will be provided by Structural designer).
- The agency should have latest technologies; software and Laboratory facilities (provide the details of Laboratory owned/hired with equipment details). Soil strata analysis, includes modeling using appropriate software is preferred.
- The agency should be capable of providing soil reports with necessary supporting data regarding soil parameters and reduced levels of concern boreholes for finalizing the design criteria.
- All necessary Soil parameters including but not limited to SPT, Particle size Analysis, Atterberg limits, Water content, Shear parameters (Direct Shear Test, Triaxial Shear Test Unconfined compression test), Specific gravity,

Modulus of sub grade reaction ,‘k’ value, modulus of soil reaction, E', influence factor for raft foundation, RQD details with uniaxial compression test results, depth of ground water.

- Required Nos of Geotechnical investigation reports with proof calculation sheets shall be submitted in hard copy as mentioned in RFP. The soft copy of the same shall also be submitted to HITES.
- The Consultant will have to visit the site, attend the meetings with the Client / Stakeholders and also to work in relation with HITES Design team.
- All deliverables shall be as per the RFP for each project. Drawings, geotechnical investigation reports including geo technical interpretative reports, analysis model etc all in digital & hard copies (as required).
- The Consultant shall provide assistance / expertise if required, to analyse and advise remedies for any problems / test results as per norms arising during foundation construction at site.

2. Eligibility Criteria

a. Technical Expertise (Staff)

Sl No.	Position	No of staffs (Minimum)	No. of years of experience (Minimum)	Qualification	Specific Expertise
A.	Geotechnical design	Sr. Geotechnical Engineer -1 no	10	PhD/ME/ M.Tech (Geotechnical)	<ul style="list-style-type: none"> • Experience in the field of Soil investigations (both Machine boring, Hand auger boring), hydrological investigations etc based on IS code provisions and recommendation of foundation. • Should have exposure to latest technologies such as software's and Laboratory facilities. • Experience in the field of designing of various foundations like Pile foundation, Combined footings, Raft foundation ,Beam -Slab raft & Piled raft etc as per
		Jr. Geotechnical Engineer – 2 No	3	ME/ M. Tech (Preferably Geotechnical)	
		Draftsman – 1 No	1	Diploma/ITI	
		Lab Technician – 1 No	2	Diploma/ITI	

					latest BIS Codes and using atleast anyone of the Geotechnical design softwares like Plaxis, Geoslope STAAD Pro, SAFE, or equivalent.
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b.Commercial Expertise

Annual Minimum Average Turnover by way of Professional Fees for Geotechnical Consultancy services for the Past three years ending March 2019 shall be a minimum **20 lakhs** (See Annexure V). The Geotechnical Consultant should have rendered services for at least **5 works** in the field of Soil investigation (both Machine boring, Hand auger boring), hydrological investigations etc based on IS code provisions, recommendation of foundation and design of different types foundation (See Annexure III & IV).

1. The empanelment shall be valid for a minimum period of 3(Three) years. The panel may be curtailed/ extended further at the discretion of HITES.
2. **IIT/NIT/ Govt. Engineering colleges and other reputed private Engineering colleges offering PG courses in the last 10 years is exempted from qualifying based on the above eligibility criteria.**
3. Applicants who have successfully provided Consultancy Services for Works/ Projects of values mentioned above, during the last 7 years till 30.09.2020 and fulfill specified minimum criteria shall be eligible to apply.
4. The firm should have an office in Kerala. HITES technical personnel may visit the office if required.
5. The Empanelment is for the projects in Kerala & Lakshadweep only.
6. The firm should have Registration and submit the copy of the same.
7. The firm should have GST Registration wherever applicable as per rules and a copy of the same shall be submitted.
8. Sub-consulting the works awarded by HITES is not permitted.
9. The Application should be on the prescribed form. All Annexure duly completed should be submitted. The Annual turnover of the firm by way of Professional Fees for Geo Technical Consultancy for the last three years, duly audited by a Chartered Accountant, should be submitted. Certified copies of Award letters, completion

certificates etc proving their eligibility should be enclosed.

10. Summary of regular/permanent professional employees and key Personnel including the nature of specialization, qualifications and experience should be enclosed along with certificates.
11. Applicants should give an undertaking certifying that the firm has not been blacklisted by any Govt./ Local bodies/ PSUs.

IV. Instructions & Guidelines for Submission of Application Form

1. Empanelment documents shall be downloaded from our website at www.hllhites.com.
2. Application form for empanelment shall be submitted in sealed envelope super scribing “**Application for Empanelment of Geotechnical Consultants**”, on or before 06.11.2020 at 3.00 pm in the office of CE (Design & Contracts), Infrastructure Development Division, Golden Jubilee block, HITES, Poojappura, Thiruvananthapuram -695 012.
3. The application shall be submitted only as per the enclosed format (s) along with Annexure I to VIII, Self-attested documentary proof(s) in respect of the details furnished in the application form shall be submitted along with the application. The intending applicants shall also submit the list of such projects where due to any disputes litigation/ arbitration was invoked and/ or the consultancy services were abandoned/ suspended by the consultant(s). Suppression of any information in this regard may lead to cancellation of empanelment of the Firm/ Consultant(s) concerned, if such information comes to the notice of HITES after empanelment. Incomplete applications will be summarily rejected.
4. The application shall be signed by the Director of the firm or official who has Power of Attorney. All pages of the documents shall be signed/ sealed. ALL PAGES OF EOI DOCUMENT SHALL ALSO BE SIGNED AS A TOKEN OF ACCEPTANCE OF THE CONDITIONS AND SUBMIT ALONG WITH THE TENDER.
5. In case an application is found suitable for empanelment in class lower than the one applied for, the empanelment may be done in the eligible class in respect of such candidate(s).
6. A sample Soil Investigation /Interpretative report previously prepared within last 2 years shall be enclosed along with the application form.

V. Conflict of Interest

1. HITES requires that consultants should provide professional, objective and impartial advice and at all times hold the client's interest paramount, strictly avoid conflicts with other Assignment/ jobs or their own corporate interests and act without any consideration for future work. The consultant and any of their affiliates shall be considered to have a conflict of interest and shall not be hired under any of the circumstances given below:
 - a. Conflicting activities or assignment i.e. providing goods or works or assignment other than consulting assignment.
 - b. Conflicting relationship i.e. business/relationship with a member of client's staff involved in the job.
 - c. The consultants shall be required to observe the highest standard of ethics during rendering of professional services.
2. Empanelled Geotechnical Consultants would be entitled to tender for Geotechnical Consultancy works in HITES and work shall be awarded to successful tenderers on General Terms and Conditions of the bid.
3. Last date of submission of completed Application form is 06.11.2020 upto 15.00 hours
4. Incomplete Applications will be summarily rejected. HITES reserves the right to accept or reject any application without assigning any reason.

VI. Evaluation Criteria

1. The applications submitted by the **firms** qualifying the initial criteria shall be evaluated by scoring method as detailed below:
 - a. Technical Staff Strength (Annexure-I, II& VI) : 20 Marks
 - b. Financial turnover (Annexure- V) : 20 Marks
 - c. Experience of work during last seven years /in progress (Annexure- III & IV) : 40 Marks
 - d. List of equipments available with them (Annexure VII) : 20 Marks

Total : 100 Marks

Note: Minimum qualification should not be less than that mentioned in Eligibility criteria for 50% marks. Twice the value or more will fetch 100% marks and the marks for lower values will be reduced prorata linearly.

2. The marks shall be decided by a duly constituted Committee on the basis of predetermined criteria and where it is not possible to do so, based on their own judgment. The evaluation carried out by the said Committee shall be final and binding.
3. Submission of satisfactory completion certificate from previous clients is essential. Bidders are requested to submit such certificate in their own interest, if possible.
4. HITES reserves the right to modify the criteria and take own decision if so required.
5. Only those firms who secure a minimum of 50% marks in each criterion of Evaluation Criteria and secure overall score of 70% shall be empanelled. However, the parameters shall carry weightage as per Evaluation Criteria above.

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**APPLICATION FORM FOR EMPANELMENT
INFORMATION TO BE FURNISHED BY THE APPLICANTS**

Empanelment of		
Sl.No.	Particulars	Details
1.	Name of Organization	
2.	Address	
	Mobile No.	
	Telephone No.	
	Fax No.	
	E-mail ID	
3.	Organization Details	To be filled as per Annexure-I
4.	Details of Directors/ Partners/ Proprietors	To be filled as per Annexure-II
5.	List of Geotechnical Consultancy Completed	To be filled as per Annexure-III
6.	List of Geotechnical Consultancy in Progress	To be filled as per Annexure-IV
7.	Financial Status	To be filled as per Annexure-V
8.	List of permanent professional Employees and Key Personnel mentioning their specialization, qualifications, experience and association with the firm	Self-certified copies to be enclosed
9.	List of Staff employed by the firm	To be filled as per Annexure-VI
10.	List of equipments available with the firm	To be filled as per Annexure-VII
11.	Affidavit	To be filled as per Annexure-VIII

Annexure- I

ORGANIZATIONAL DETAILS

Sl.No.	Parameter	Details
1.	Organizational Set-up: <ul style="list-style-type: none">- Year of Establishment- Status of Firm (Proprietorship/ Partnership/ Any other)- Name of Directors/Partners/Proprietors- Empanelment with Govt. Organizations- (Mention names along with copies of Certificates)	To be filled as per Annexure- II
2.	Total Staff Strength	
3.	Details of Office Automation	

**Signature of the applicant
Name & Designation**

**Place
:
Date:**

Annexure-II

DETAILS OF DIRECTORS/ PARTNERS/PROPRIETORS

Sl.No.	Name of Partners/ Directors/ Proprietors	Academic Qualifications	Designation	Address/ Phone/Fax /e-mail

**Signature of the applicant
Name & Designation**

Place:

Date:

Annexure-IV

LIST OF MAJOR GEOTECHNICAL CONSULTANCY PROJECTS/ ASSIGNMENTS IN PROGRESS

Sl. No	Name of Work/ Project in Progress with Address	Short description of Consultancy work done by the firm	Name and addresses of Owner	Value of Work/ Project executed	Value of Consultancy	Date of Start of Work/ Project	Stipulated Time of Completion	Status of work	Expected Date of completion	Any other relevant information

Note:

The list of Works/Project mentioned should be substantiated with documentary evidence such as work orders etc. in the absence of which the application is liable to be rejected.

Signature of the applicant

Annexure-V

FINANCIAL STATUS

Sl.No.	Financial year	Turnover (in Rs.Lacs) from Consultancy
1.	2016- 2017	
2.	2017-2018	
3.	2018-2019	

Note:

Certified copies of Chartered Accountants Certificates to be enclosed.

Place:

Date:

NOTE

The minimum annual average turnover is Rs.20 lakhs. Minimum average annual turnover for Consultancy should not be less than that mentioned in Eligibility criteria for 50% marks. Twice the value or more will fetch 100% marks and the marks for lower values will be reduced prorata linearly.

Annexure-VI

Details of Technical Staff available with the firm

Sl No.	Designation	No. of years of experience	Qualification	Specific Expertise
1	Sr. Geotechnical Engineer			
2	Jr. Geotechnical Engineer			
3	Draftsman			
4	Lab Technician			

Place: Date:

**Signature of the applicant
Name & Designation**

Minimum number available as per eligibility criteria will fetch 50% marks. The marks will vary prorata.

Annexure-VII

LIST OF EQUIPMENTS AVAILABLE WITH THE FIRM

S.No.	Name of Equipment	Type	Nos.	Status Owned/Hired
1.	Equipment			
i.				
ii.				
iii.				
2.	Software's			
i.				
ii.				
3.	Office Space (in Sqm)			

**Signature of the applicant
Name & Designation**

**Place:
Date:**

Annexure-VIII

AFFIDAVIT

(TO BE SUBMITTED ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE
VALUE DULY CERTIFIED BY NOTARY PUBLIC)

Affidavit of Mr..... S/o R/o

The deponent above named to hereby solemnly affirm and declare as under:

1. That I am the Proprietor/Authorized signatory of M/s.....having its Head Office/ Regd. Office at.....
2. That the information/ documents/ Experience certificate submitted by M/s..... along with this “EMPANELMENT OF GEOTECHNICAL CONSULTANTS” to HITES are genuine and nothing has been concealed.
3. I shall have no objection in case HITES verifies them from issuing authority (ies). I shall also have no objection in providing the original copy of the document(s), in case HITES demands for verification.
4. I hereby confirm that in case, any document, information &/or certificate submitted by me found to be incorrect/false/ fabricated, HITES at its discretion may disqualify/reject my application for pre-qualification out rightly and also debar me/ M/s..... from participating in any future tenders/ PQ.
5. I hereby confirm that the firm has not been blacklisted by any Govt./ Local bodies/ PSUs or a party to any Vigilance case.

Deponent

I,....., the Proprietor/ Authorized signatory of M/s.....,do hereby confirm that the contents of the above Affidavit are true to the best of my knowledge and nothing has been concealed therefrom and that no part of it is false.

Verified at.....this.....day of.....

Deponent