Expressions of Interest (EoI) for In-house GATE training by external service provider/Agency under Technical Education Quality Improvement Programme [TEQIP-Phase III]

The Ministry of Human Resource Development (MHRD) and the World Bank is implementing a Project, "Technical Education Quality Improvement Programme, Phase–III (TEQIP-III)" with the objective of improving the quality of Technical Education in the country. The project is being implemented through MHRD unit, National Project Implementation Unit (NPIU).

Project Implementation Plan for TEQIP-III envisages different reforms for improving employability ofstudents studying in Government and Government aided institutions from focus states participating in the project. The outcome of the project shall be counted in terms of many indicators, one of them is Graduate Aptitude Test for Engineers (GATE) qualification. The present qualifying percentage of undergraduates appearing for GATE is 16-17%. NPIU desires to enhance this percentage by providing requisite training to the students.

In this regard, Madhav Institute of Technology & Science, Gwalior invites "**Expression of Interest (EoI)**" from eligible service providers/ agencies to indicate their interest in providing the services for GATE Training to undergraduate III and IV year engineering students of MITS Gwalior.

Interested agencies / service providers are advised to refer eligibility criteria as mentioned in this document and may submit **"Expression of Interest"** in a sealed envelope clearly superscripted as "Expression of Interest (EoI) for GATE -2020 Training"

Expressions of Interest must be submitted in desired format(**Annexure-I,II & III)** to the address below on or before 29/06/2019 by 1 PM. Incomplete proposals and proposals received after the prescribed last date will not be entertained. The last date of receiving the sealed EoIs should be strictly adhered to. The EoIs received after the last date will not be opened and no further action will be taken on such EoIs. The EoIs should either be sent by post or delivered physically in the office of Director , MITS Gwalior. Any plea/request made over phone/fax/E-mail that EoI is in transit due to postal delay etc. shall not be entertained

Consultants/Service provider/agency may associate other Service Providers to enhance their qualifications/skills subjected to NPIU/Institute norms.

Note: (i) For any query mail on teqip2.mits@gmail.com

(ii) Expressions of Interest (in sealed envelope) must be delivered to the address below on or before dated 29th June 2019 upto 01:00 PM

Director
Madhav Institute Of Technology & Science
Race Course Road, Gole ka Mandir, Gwalior - 474005,
Madhya Pradesh, India

TERMS OF REFERENCE (TORs) for Invitation of EoIs for providing GATE-2020 training by external service provider/agency

The purpose of this EoIs is to identify an agency preparing 3rd & 4th year students of MITS (under graduate engineering courses) by imparting required training in institute premises for preparing them for GATE. The focus of providing this training shall be to polish their conceptual skills, help them qualify in single exit examination i.e. GATE and enhance the employability of technical graduates.

The service provider/consultancy agency has to impart necessary top up teaching on GATE covering basic courses, core courses and advanced courses related to each of the disciplines as per the curriculum and format for the GATE examination announced for that particular year. The performance of the student in GATE examination in terms of achieving qualifying score is expected to improve. The training/ teaching shall consist of different courses which may be given in one go to all third-year and final year interested undergraduate engineering students in the semester breaks or may be given in parts. The **broad objectives** of the training shall be as given below:

a. Enhance conceptual knowledge of students in particular course/ disciplines through instructions particularly for solving novel problems in the respective area.

b. Enable to apply the knowledge in different applications and expand their toolbox (of methods) to solve real life problems by becoming more skilled (technical) at explicitly thinking and applying processes.

c. Improve thinking skills to generalize as well as standardize the methods and concepts to other applications.

d. Develop systematic methods for learning from problem sets, including: how to apply and transfer conceptual knowledge; identify common obstacles and errors; and contextualize individual problems within the themes and concepts of the course.

e. The course work shall cover all the subjects as per the curriculum declared for GATE of that particular year.

f. To provide proper resources to the students to enable them for better preparation for GATE and increase the number of GATE qualifiers.

The course contents for GATE training shall be based on the curriculum declared for GATE every year. The service provider/consultancy agency has to cover following premium **learning tools** while delivering the contents:

a. Providing learning (study) material offline covering good quality course content and previous years solved GATE questions and MCQs before commencement of training.

b. The environment (for eg. MOODLE) to ask whatever questions he/she wants in order to accomplish his/her learning goals

c. Interactive technology enabled online tutorials/ tests.

d. The opportunity to work and learn at a custom, personalized pace - regardless of whether or not the student is a "challenged" or "accelerated" learner in the classroom

e. Full length test series for each discipline mentioned in this document

f. Track achievements and progress with easy-to-use measurement tools.

e. Service provider has to provide detailed schedule of breakup for each of the appropriate modules/subjects (branch wise)

f. Face to face training in the institute as per the schedule to be furnished by institute

g. The training shall be conducted preferably during Summer/ Winter vacation or as agreed mutually with the institution for pre-final and final year students

I. Schedule of Task

Schedule for the training shall be mutually decided by the institute (client) and service provider based on academic calendar/ activity of participating students. The agency is expected to cover complete GATE syllabus for following disciplines of engineering under graduate programs.

1. Electronics & Communication Engineering

2. Electrical Engineering

3. Mechanical Engineering

4. Computer Sc. and Information Technology

5. Civil Engineering

6. Chemical Engineering

7. Biotechnology

The tentative topics to be covered under each of the disciplines depend on the curriculum of GATE for that examination, The service provider/ consultancy firms have to provide appropriate faculty corresponding to each one of the subjects so as to make students understand the concepts and also enable him/her to apply the tool/ method for the given problem.

GATE 2020 Exam consists of Multiple Choice Questions and Numerical Type Questions in all papers & sections. The following are type of Questions:

a. Recall: These are based on facts, principles, formulae or laws of the discipline. The candidate is expected to be able to obtain the answer either from his/her memory directly or at most from a oneline computation.

b. Comprehension: These questions will test the candidate's understanding of the basics of his/her field, by requiring him/her to draw simple conclusions from fundamental ideas.

c. Application: In these questions, the candidate is expected to apply his/her knowledge either through computation or by logical reasoning.

d. Analysis and Synthesis: These can be linked questions, where the answer to the first question of the pair is required in order to answer its successor. Or these can be common data questions, in which two questions share the same data but can be solved independently of one another.

e. Common Data Questions: Multiple questions may be linked to a common data problem, passage and the like. Two or three questions can be formed from the given common data problem. Each question is independent and its solution obtainable from the above problem data/passage directly.

f. Linked Answer Questions: These questions are of problem solving type. A problem statement is followed by two questions based on the problem statement. The two questions are designed such that the solution to the second question depends upon the answer to the first one. In other words, the first answer is an intermediate step in working out the second answer.

II. Support and input provided by the client:

a. Institute responsibility:

1. Shall provide number of batches and the list of students of participating in the training.

2. Shall provide infrastructure like auditorium, seminar halls, internet facility, photocopy machine, attendant and team of faculty for coordination.

3. Coordination shall include making students attending program, monitoring of attendance, collecting feedback of students, arranging weekly review meeting with head of institution, facilitating for getting accommodation, transport, working lunch to resource person etc.

b. Service Provider's responsibility:

1. Service provider has to provide detailed schedule of breakup for each of the appropriate modules covering the different skills mentioned in this document.

2. Batch size shall be 60 students.

3. Multiple subject experts shall be provided by mapping their specialization with the modules to be delivered for each batch.

4. Each module must be supported by online tutorials which must be available for every registered student on 24x7 basis till the end of his graduation.

5. Benchmarking test shall be conducted for the students enrolled for the training program before commencement of training. Every such student shall be evaluated periodically for the modules completed.

6. Each module must be supported by online assessment module.

7. Inviting student feedback, taking corrective actions for further improvement.

8. The training shall be conducted preferably during Summer/ Winter vacation or as agreed mutually with the institution for pre-final year students.

9. Final output required of the consultancy organization: To train the entire aspirant on proper preparation for GATE and provide them various resources like study material, access to the online videos, access to the all India Test Series, etc. and increase the number of GATE qualifiers with the help of coordinators from college.

III. The final output must match with the course objectives mentioned in para 1 & 2 above.

1. The technical graduates to whom the training shall be imparted will become more employable (increase in placements) and synchronize themselves for various needs of the industry.

2. The final assessment shall be done by service provider using the same assessment tool which was used for benchmarking (0th test).

3. The final assessment shall result into at least 30 % improvement in case of every individual student after training. It is possible only after periodic assessment and timely corrections in the methodology/ mechanism.

4. At least 30 % of the students taking GATE training qualify GATE from the respective institute.

IV. Composition of review committee

1. The institute shall constitute Review Committee which will consist of at least three members. The Review Committee may contain 1 faculty from each department whose students are participating in program.

2. Review Committee may have representative of service provider and student representatives.

3. Review Committee shall meet on weekly basis and discuss coverage of content, student feedback and take corrective action appropriately.

4. The final settlement of training fee shall depend on the basis of satisfactory performance in view of student feedback and student performance

V. Scope of work

1. Approximate numbers of students to be trained in different disciplines as follows:

Sr. No	Subjects/ Discipline	Approx. Number of students
1	Mechanical Engineering	69
2	Electronics Engineering	81
3	Electrical Engineering	66
4	Computer Science and Information Technology Engineering	136
5	Civil Engineering	76
6	Chemical Engineering	59
7	Biotechnology Engineering	05
	Total	**492**

Table- I

2. The approximate number of students for each of the disciplines is mentioned table-I. ***This data is approximate there may be possibility that the number of students may be less or more than it***

3. The training in each discipline shall be as follows OR may be decided by the Institute as per requirement
   - Electrical Engineering   : 300 Hrs
   - Mechanical Engineering   : 300 Hrs
   - Electronics Engineering   : 300 Hrs
   - Civil Engineering   : 300 Hrs
   - CSE & IT Engineering   : 300 Hrs
   - Chemical Engineering   : 200 Hrs
   - Biotech Engineering   : 200 Hrs

4. 60+ online chapter wise tests
5. 12+ online subject tests
6. 4 online full-length tests
7. 10 online ALL India Mock test as per latest GATE pattern

8. Post GATE guidance
9. The training shall be conducted during weekdays and weekends as per given schedule in the institution for   pre-final year and final year students **OR** (Summer/Winter Vacation/any other schedule convenient to Institution)

Weekdays- Morning or Evening	2-3 Hours daily
Weekends and Holidays	4-5 Hours

VI. Eligibility Criteria

Before submitting the request, the organizations must ensure that they are meeting the following

minimum eligibility criteria

S.No.	Eligibility Criteria for the service provider	Documents of Evidence
1.	Service provider should be an organization/corporate/consultant agency/ institution of higher education and must be in operation for minimum 5 years as on 31.03.2019	Copy of Certificate of Incorporation.
2.	The applicant agency should be an Indian national or proprietary firm or body corporate registered under the applicable Indian laws. In case of foreign subject/ firms, the representation can be made through the Indian subjects/ nationals by complying all statutory requirement viz FEMA etc.	Copy of Certificate of Incorporation.
3.	Executed class room GATE teaching & training for a minimum of 30000 Engineering graduating students in the last 3 financial years out of this a minimum of 5000 Engineering Graduating students must have been trained in a single year in each of the last 3 financial years.	The documentary evidence in form of work contract/completion letter must be enclosed.
4.	Executed GATE teaching & training for students of minimum 15 Engineering colleges in the last 3 financial years out of this the students of minimum of 5 Engineering colleges must have been covered in a single year in each of the last 3 financial years.	The documentary evidence in form of work contract/completion letter must be enclosed.
5.	Should have the sufficient numbers (at least 30) of faculty identified so as to cater to the institutions	A declaration on the company letter head duly signed by the Authorized Signatory
6.	The Service provider should have a minimum average turnover of at least Rs. 2 Crore per year for last three years of operation from education related business in India	The balance sheet/audited report from chartered accountant for the last three financial years should be submitted.
7.	The service provider should be registered with appropriate tax authorities such as income Tax, GST/ Service Tax etc.	Copy of Respective Certificate(s)
8.	The service provider, must not have any instances of forfeiture of any amount for inability to perform their duties under any contract and should have not been blacklisted/ debarred by any institute of higher education, PSUs/ Banks/ other corporate bodies over the period of last 5 years.	A declaration on the company letter head duly signed by Authorized Signatory
9.	Organizations/corporates having financial and managerial capacity for setting up multiple centre for imparting training.	Evidence of existence of multiple centre
10.	There should not be any criminal/civil proceedings pending against the company/ organization in any court of law	A declaration on the company letter head duly signed by Authorized

	throughout India.	Signatory.
11.	Bidder must submit latest bank solvency certificate (not exceeding six months before the date of publication of advertisement) not less than of Rs. 50 Lakhs and clearly state that Banker shall be extending necessary financial support required for execution of the subject work.	Bank Solvency Certificate
12.	The service provider shall have GATE qualified faculties who have more than 4 years' experience in GATE exam teaching	List of faculty members discipline wise and subject wise on the company letter head duly signed by Authorized signatory with qualification, experience etc

The eligibility criteria given in EoI is minimum. Preference would be given to vendor having higher qualification and based on relevant experience of vendor.

VII. Short listing criteria
1. The submitted EOI will be evaluated by a team of experts from institution and external other Institutes
2. The experts may reach out to applicants for additional information, if needed.
3. The organizations/agency whose proposal is found suitable, will be shortlisted and invited for further technical discussion(if any)
4. **The least cost would be evaluated on the basis of total cost per student (sum of last Column) refer annexure-I**

Interested vendors/ companies responding to the EOI must provide information (brochures, organization details, short description of similar/relevant assignments including associated quality statistics indicating that they are qualified to perform the above-mentioned services

VIII. Copies of Responses

Respondents must submit two hard copies and one soft copy in CD/DVD/pen-drive, of their response to this EoI in Annexure I,II & III to the designated point of contacts by **29/06/2019 by 1 pm.**
- Agency must enclose a covering letter on Agency's Letter Head while sending the EoI.
- In case desired documents/proofs are not enclosed or information as asked for is not given, the EOI shall be rejected and no clarification/enquiry will be sought/made.
- A content page should be added in the EoI. All pages of EoI should have serial number and initialled on each page. A separator may be placed between each part of the EoI.

NOTE: Please ensure that the size of the response shall not exceed 20 pages (excluding enclosures).

IX. General Terms and Conditions

1. The GATE training is proposed to be start from third week of July 2019
2. The cost should be quoted in Indian Rupees only.
3. Each service provider shall submit only one offer/quotation.
4. Each service provided must submit the expression of interest for all disciplines as mentioned in this document.
5. Quotation/Offer shall remain valid for a period not less than 45days after the last date of submission.

6. The copy of learning material, if any must be accompanied with the submitted quotation.
7. The Service provider shall provide schedule of classes along with names and qualifications of faculties who will be teaching at least 20 days in advance to the Institute
8. The service provider shall be responsible for conducting different tests for each module etc.
9. Benchmarking test shall be conducted for the students enrolled for the training program before commencement of training. Every such student shall be evaluated periodically for the modules completed.
10. Inviting student feedback, taking corrective actions for further improvement
11. Each module must be supported by online assessment module
12. Each module must be supported by online assessment module.
13. The last date of submission of offer is **29.06.2019 by 01:00pm.**
14. The cost quoted by the SERVICE PROVIDER shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
15. Award of contract: The institute will award the contract to the SERVICE PROVIDER who has offered the lowest cost.
16. The SERVICE PROVIDER whose offer is accepted will be notified of the award of contract by the purchaser prior to expiration of the quotation validity period.
17. The SERVICE PROVIDER shall have to sign the contract with purchaser which will contain the terms and conditions of the accepted offer. Service provider shall provide detailed schedule of breakup for each of the appropriate modules covering the different skills in the contract document.
18. Terms of payment shall be made in Indian rupees will be decided at the time of contract signing or MoU.
19. Notwithstanding the above, the Institute reserves the right to accept or reject any quotations and to cancel the process and reject all quotations at any time prior to the award of contract.

Dr.R.K. Pandit
Director

Annexure-I

Applicant's Expression of Interest
(On the letterhead of the applying entity)

Sr. No	Subjects/ Discipline	Approx. Number of students	Training Cost Per student (Rs)	Taxes, if any (Rs)	Total Cost per student (Rs)
1	Mechanical Engineering	69			
2	Electronics Engineering	81			
3	Electrical Engineering	66			
4	Computer Science and Information Technology Engineering	136			
5	Civil Engineering	76			
6	Chemical Engineering	59			
7	Biotechnology Engineering	05			
	Total	492			

Yours Sincerely

Signature of the applicant

[Full name of applicant]

Stamp

[Date:]

Annexure-II

Applicant's Expression of Interest
(On the letterhead of the applying entity)

<div align="right">Dated:</div>

To,
Director
Madhav Institute Of Technology & Science
Race Course Road, Gole ka Mandir, Gwalior - 474005,
Madhya Pradesh, India
Email: infomitsgwl@gmail.com, director@mitsgwalior.in

Subject: Expressions of Interest for providing GATE training

Dear Madam/ Sir,
In response to the Invitation for Expressions of Interest (EoI) published on _____ for 'Expressions of Interest for _____', we would like to Express Interest to carry out the aforementioned activity. We are enclosing following documents:

1. Letter of Registration of the applicant entity, as applicable.
2. PAN Copy of applying entity
3. Organizational Contact Details.
4. Scanned copy of the declaration letter containing an undertaking to ensure correctness of the information provided. (to be furnished on the letter head of the organization)

The name of the contact person for our organization and his/her address is as follows;
Name:
Designation:
Phone Number:
Email ID:
Address:
Yours Sincerely

Signature of the applicant
[Full name of applicant]

Stamp
[Date:]

Note: This is to be furnished on the letter head of the organization.

The Applicant details are as follows –

1. Name of the Applicant Institution: _____
2. Postal Address of the Authorized Contact Person:

We hereby certify that-
A) All the statements made and information furnished in the application and the enclosures are true and correct.
B) We have furnished all information and details necessary for EoI and have no further pertinent information to supply
C) We agree that the MITS Gwalior representatives can approach individuals, employers and firms to verify our competence and general reputation.
D) We submit certificates and documents in support of our suitability, technical knowhow and capability for having successfully providing the required training services, in prescribed format.
E) We agree that the discretion and decision of the Institute in respect of the empanelment of the training institutes is final and binding.

Signature and Seal of Authorized Contact Person

Date:

List of Annexure Enclosed:
1.
2.
3.
4.
5.

Annexure-III
Format for Service Provider Profile

S.No.	Particular	Details
1.	Name of the Institute/agency	
2.	Registered Address for Head Office of the Institute/agency	
3.	Organization Status (Pvt. Ltd/ Partnership/Govt, etc)	
4.	Company Registration No. & Date of Registration'	
5.	PAN No	
6.	GST No.	
7.	Name of Proprietor/CEO	
8.	Authorized Contact Person and Designation	
9.	Address for Communication	
10.	Landline No.	
11.	Mobile No.	
12.	E – Mail Address	
13.	Website Address	