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**NPIU**

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**Expression of Interest**

**for**

**Empanelment of service Provider/Consultancy Agency/Institutes for Providing GATE Training to students in the TEQIP-III Institutions**

**20<sup>th</sup> December 2017**

## Expression of Interest for

### Empanelment of service Provider/Consultancy Agency/Institutes for Providing “GATE Training” to students in the TEQIP-III Institutions

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 of students 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 the 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, NPIU invites Expression of Interest (Eoi) from eligible service providers/ consultancy agencies to indicate their interest in providing the services for GATE Training to undergraduate engineering students of participating project institutions. Interested Parties are advised to refer eligibility criteria as mentioned in this document. A consultancy firm/s will be selected in accordance with the procedures set out, in the World Bank's Guidelines: Selection of Employment of Consultant by World Bank Borrower. Interested Service provider/ consultancy firms may submit "Expression of Interest" in a sealed envelope clearly superscripted as “Expression of Interest (Eoi) for GATE Training” and may obtain further information about the services, procedures for submitting the Eoi etc. at [npiuwb@hotmail.com](mailto:npiuwb@hotmail.com) or 0120-2513921/936.

Expressions of Interest must be delivered in **Annex-2 & 3** to the address below on or before dated 22/01/2018 by 5 PM. A pre-proposal meeting shall be held on 03/01/2018 at 12.00 noon at NPIU conference Hall. 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. However, if the last date is declared as holiday, the next working day on which office is opened will be treated as the last date of receiving the Eois. The Eois should either be sent by post or delivered physically in the office of client. No plea/request made over phone/fax/E-mail that Eoi is in transit and be accepted due to postal delay etc. shall be entertained. In the interest of agency, it is advised that the Eois should be sent well in advance before the closing date for receiving Eoi. NPIU shall not be responsible for any postal/courier delay.

#### Address :

**National Project Implementation Unit**

**Consultant (Procurement)**

EDCIL House, 4<sup>th</sup> Floor, Plot No. 18-A , Sector 16-A

NOIDA-201 301, Uttar Pradesh

Phone: 0120-2513928, EPABX No. 0120-2513921, 2513946, Fax Nos. 0120-2513926, 2512485

Email : [npiuwb@hotmail.com](mailto:npiuwb@hotmail.com), Web : [www.npiu.nic.in](http://www.npiu.nic.in)

The NPIU does not bind itself to accept all proposals on any proposals and reserves the right of accepting the whole or any part of the proposals or portion of the quantity offered. The NPIU reserves the right to reject any or all offers received in response to Eoi or cancel or withdraw the notice without assigning any reason, whatsoever.

The panel/list of service providers shall be prepared by NPIU and the services shall be procured by the respective institutes (clients) based on the rates decided by NPIU. The respective institutes shall contact appropriate empanelled service provider and the program shall be executed after issue of appropriate work order by the institutes.

## **TERMS OF REFERENCES (TORs) FOR INVITATION OF EoIs FOR**

### **Empanelment of service Provider/Consultancy Agency/Institutes for Providing “GATE Training” to students in the TEQIP-III Institutions**

The purpose of this Eoi is to identify an agency preparing 3<sup>rd</sup> & 4<sup>th</sup> year students (under graduate engineering courses) by imparting required training for preparing them for GATE. The focus of providing this 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.

GATE is considered to be the standard examination conducted not only for post-graduation admissions but also to open the gates for lucrative opportunities in several public sector enterprises and research organizations/PSUs (IOCL, NTPC, BHEL, PGCIL, BARC etc.). Based on the score achieved in GATE, PG admissions are offered in IITs, IISc, NITs, and state engineering colleges and abundant opportunities for campus placements with handsome salary packages. Candidates on qualifying GATE, get a financial aid in the form of UGC/ AICTE scholarship.

**2. An outline of the tasks to be carried out:** The participating institutes are from focus states i.e. North East (15), J & K (4), HP (4), UP (16), Bihar (7), Chhattisgarh (4), MP (7), Uttarakhand (7), Jharkhand (4), Odisha (5), Rajasthan (11), and Andaman & Nicobar (1). The service provider has to provide training/ teaching to the pre-final / final year undergraduate students studying in Government and Government aided institutions (numbers indicated in brackets) from participating States in the project on the subject details given in this document. The list of institutes is given in **Annex-1**.

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 online/ offline before commencement of training.
- b. Powerful learning opportunities from subject experts (Guest lecture) who are not available locally in towns & cities where institutions are located.
- 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. The environment (for eg. MOODLE) to ask whatever questions he/she wants in order to accomplish his/her learning goals.
- f. Track achievements and progress with easy-to-use measurement tools.
- g. Face to face training in the selected institutes as per the schedule to be furnished by institutions.

### 3. 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. Instrumentation Engineering                 | 4. Mechanical Engineering  |
| 5. Computer Sc. and Information Technology     | 6. Civil Engineering       |
| 7. Production and Industrial Engineering       | 8. Mining Engineering      |
| 9. Chemical Engineering/ Petroleum Engineering | 10. 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 2018 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 one-line 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.

#### 4. Support and input provided by the client:

##### a. Client (participating college) 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. The empanelled agencies shall be responsible for catering to the institutions included in Annex-1. The denial shall invite action to the extent of withdrawal from panel.
2. Service provider has to provide detailed schedule of breakup for each of the appropriate modules covering the different skills mentioned in this document.
3. Batch size shall be 60 students.
4. Multiple subject experts shall be provided by mapping their specialization with the modules to be delivered for each batch.
5. 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.
6. 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.
7. Each module must be supported by online assessment module.
8. Inviting student feedback, taking corrective actions for further improvement.
9. The training shall be conducted preferably during Summer/ Winter vacation or as agreed mutually with the institution for pre-final year students.

**5. Final output required of the consultancy organization:** To train all the 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.

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 (0<sup>th</sup> 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.

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

## 6. Composition of review committee

- 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.
- Review Committee may have representative of service provider and student representatives.
- Review Committee shall meet on weekly basis and discuss coverage of content, student feedback and take corrective action appropriately.
- The final settlement of training fee shall depend on the basis of satisfactory performance in view of student feedback and student performance.

## 7. 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 for evidence
1	Service provider should be an organization/corporate/consultant agency/institution of higher education and must be in operation for minimum 3 years as on 31.03.2017	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 15,000 Engineering graduating students in the last 3 financial years out of this a minimum of 3,000 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 10 Engineering colleges in the last 3 financial years out of this the students of minimum of 3 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 enlisted in <b>Annex-1</b>	A declaration on the company letter head duly signed by the Authorized Signatory
7	The Service provider should have a minimum average turnover of at least Rs. 1 Crores 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.
8	The service provider should be registered with appropriate tax authorities such as income Tax, GST/ Service Tax etc.	Copy of Respective Certificate(s)

9	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
10	There should not be any criminal/civil proceedings pending against the company/ organization in any court of law throughout India.	A declaration on the company letter head duly signed by Authorized 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. 10 Lakhs and clearly state that Banker shall be extending necessary financial support required for execution of the subject work.	Bank Solvency Certificate

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

#### **Short listing criteria**

- The submitted EOI will be evaluated by a team of experts from NPIU/ MHRD/ other institution and the industry.
- The experts may reach out to applicants for additional information, if needed.
- The organizations/agency whose proposal is found suitable, will be shortlisted and invited for submitting detailed Technical & financial proposal.
- The final selection shall be made on QCBS method by evaluating the technical and financial proposal which is to be submitted by the shortlisted agencies.

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.

#### **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 Annex 2&3 to the designated point of contacts by 22/01/2018 by 5 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).

TEQIP-III List of Institutions (Sub-component 1.1)		
S. No.	State	Institute
1	Andaman & Nicobar Islands	Dr. B.R. Ambedkar Institute of Technology, Pahargaon, Port Blair, Andaman & Nicobar Islands
2	Assam	Assam Engineering College, Kamrup
3		Bineswar Brahma Engineering College, Kokrajhar
4		Dibrugarh University Institute of Engineering & Technology, Dibrugarh
5		Guwahati University Institute of Science & Tech, Assam
6		Jorhat Engineering College, Jorhat
7		Jorhat Institute of Science & Technology, Jorhat
8		Bihar
9	Darbhanga College of Engineering, Darbhanga	
10	Gaya College of Engineering, Gaya, Sri Krishna Nagar	
11	Lok Nayak Jay Prakash Institute of Technology, Chapra, Bihar	
12	Motihari College of Engineering, Motihari	
13	Muzaffarpur Institute of Tech, Muzaffarpur	
14	Nalanda College of Engineering, Chandi, Nalanda	
15	CFTI	
16		IIIT Manipur
17		NIT Agartala
18		NIT Arunachal Pradesh
19		NIT Manipur
20		NIT Meghalaya
21		NIT Mizoram
22		NIT Nagaland
23		NIT Sikkim
24		NIT Srinagar
25	Chhattisgarh	Government Engineering College, Bilaspur
26		Govt Engineering College, Jagdalpur
27		Govt Engineering College, Raipur
28		Vishwavidyalaya Engineering College, Lakhanpur
29	Himachal Pradesh	Atal Bihari Vajpai Govt Institute of Engineering & Technology, Shimla
30		Jawaharlal Nehru Govt. Engineering College, Sundernagar
31		Rajiv Gandhi Government institute of Engineering & Technology, Kangra
32	Jammu & Kashmir	Baba Ghulam Shah Badshah University, Rajouri
33		Govt. College of Engineering & Technology, Jammu
34		Islamic University of Science & Technology, Pulwana
35		Shri Mata Vaishno Devi University, Katra
36	Jharkhand	Birla Institute of Technology, Mesra Ranchi
37		BIT, Sindri
38		Techno India Dumka
39		Techno India Ramgarh
40		Techno India, Chaibasa, Jharkhand
41		University College of Engineering and Technology (UCET), Vinoba Bhave University, Hazaribag, Jharkhand
42	Madhya Pradesh	Indira Gandhi Engineering College, Sagar
43		Jabalpur Engineering College, Jabalpur
44		Madhav Institute of Technology & Science, Gwalior
45		Rewa Engineering College, Rewa
46		Samrat Ashok Technological Institute, Engg. College, Vidisha(M.P.)
47		Shri G S Indore Institute of Technology & Science, Indore
48		Ujjain Engineering College, Ujjain



**TEQIP-III List of Institutions (Sub-component 1.1)**

<b>S. No.</b>	<b>State</b>	<b>Institute</b>	
49	Manipur	Manipur Technical University, Imphal	
50	Odisha	CET Bhubaneshwar	
51		Government Engineering College, Kalahandi	
52		Government Engineering College, Keonjhar	
53		IGIT Sarang	
54		PMEC Berhampur	
55		VSSUT Burla	
56		Rajasthan	College of Engg & Technology, Udaipur
57	Govt Engg College, Ajmer		
58	Govt Engg College, Bharatpur		
59	Govt Engg College, Jhalawar		
60	Govt Mahilla Engg College, Ajmer		
61	Govt. College of Engg & Tech, Bikaner, Rajasthan		
62	Govt. Engineering College, Banswara		
63	Govt. Engineering College, Bikaner		
64	MBM Engg College, Jodhpur		
65	MLV Textile & Engineering Colege, Bhilwara		
66	University College of Engineering, RTU Kota		
67	Tripura		Tripura Institute of Technology, Narsingarh, Tripura
68	Uttar Pradesh		Bundelkhand Institute of Engineering & Technology, Jhansi
69			Dayalbagh Educational Institute (Deemed University) Dayalbagh, Agra
70		FET MJP Rohilakhand University, Bareilly	
71		Hacourt Buttler Technical University (Formerly HBTI), Kanpur	
72		Institute of Engineering & Technology, Bundelkhand University, Kanpur Road, Jhansi-	
73		Institute of Engineering & Technology, Dr. RML Awadh University, Faizabad	
74		Institute of Engineering & Technology, Lucknow	
75		Institute of Engineering & Technology, Dr B R Ambedkar University, Khandari Agra	
76		KNIT Sultanpur	
77		MMM University of Technology, Gorakhpur	
78		Rajkiya Engg College Ambedkar Nagar	
79		Rajkiya Engineering College Azamgarh	
80		Rajkiya Engineering College, Banda	
81		Rajkiya Engineering College, Bijnor	
82		Uma Nath Singh Institute of Engineering & Technology, VBS Purvanchal University, Jaunpur	
83		Uttar Pradesh Textile Technology Institute, Kanpur	
84	Uttarakhand	BKTI Dwarahat	
85		CoT Pantnagar	
86		GBPEC Pauri Garwal	
87		Institute of Technology, Gopeshwar	
88		Seemant Engineering Institute, Pithoragarh	
89		THDC Engineering College, Tehri Grahwal	
90		Women Institute of Technology, Sudhowala, Dehradun	

Applicant's Expression of Interest

(On the letterhead of the applying entity)

To,

Dated:

National Project Implementation Unit

4<sup>th</sup> Floor EdCIL House

Sector 16 A, Plot 18 A

Noida - 201301.

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 CPA, NPIU or their authorized 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 NPIU 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.

## FORMAT FOR INSTITUTE PROFILE

SN	PARTICULAR	DETAILS
1.	Name of the Institute	
2.	Registered Address for Head Office of the Institute	
3.	Organization Status (Pvt. Ltd/ Partnership/Govt, etc)	
4.	Company Registration No. & Date of Registration	
5.	PAN No	
6.	TAN No, if any	
7.	Name of Proprietor/CEO	
8.	Authorized Contact Person and Designation	
9.	Address for Communication	
10.	Landline No.	
11.	Mobile No.	
12.	Fax No.	
13.	E – Mail Address	
14.	Website Address	

PLEASE TICK ON THE AREAS OF EXPERTISE  YOUR INSTITUTE POSSESSES	YEARS OF EXPERIENCE (WHERE APPLICABLE)
1) GRE Training <input type="checkbox"/>	
2) GMAT Training <input type="checkbox"/>	
3) TOEFL Training <input type="checkbox"/>	
4) Soft-skill Training <input type="checkbox"/>	
5) GATE Training <input type="checkbox"/>	
6) IES Training <input type="checkbox"/>	