

**Expression of Interest**

**for**

**Selection of a Government Agency**

**for**

**Preparation of a Detailed Project Report for the**

**Establishment of a National Institute**

**At the proposed site in Village Khohra Peepli, Tehsil**

**Kishangarh Bas, District Alwar, Rajasthan**



**Maulana Azad Education Foundation (MAEF)**  
**Maulana Azad Campus, Chelmsford Road**  
**New Delhi – 110055**

Ref No.: 01/MAEF/NI-ALWAR/Eoi/2020

**Sub: Invitation for “Expression of Interest (EoI) for selection of a Government Agency for Preparation of Detailed Project Report (DPR) for the Establishment of a National Institute of Science & Technology and Hunar Hub for Skills Training at the proposed site in Village Khohra Peepli, Tehsil Kishangarh Bas, District Alwar, Rajasthan”**

## **Introduction**

Maulana Azad Education Foundation (MAEF) was established to promote education amongst the educationally backward minorities in particular and other weaker sections in general.

The Foundation is a non-political, non-profit making social service organization, established to promote education amongst educationally backward minorities.

Maulana Azad Education Foundation (MAEF) intends to establish a National Institute of Science & Technology and Hunar Hub at Village Khohra Peepli, Tehsil Kishangarh Bas, District Alwar, Rajasthan to impart multidisciplinary graduate, post graduate courses including Research work and skill based training. The Feasibility Study has already been conducted by EdCIL recently and submitted its Final Report. The Final Feasibility Report has been adopted by the MAEF. The said feasibility report suggests for establishment of a National Institute of Science & Technology under an Act of Parliament and a Hunar Hub for skill training. Now the Expression of Interest (EoI) is invited from Government agencies for Preparation of Detailed Project Report (DPR) for the propose of establishing the National Institute of Science & Technology and a Hunar Hub for skill training.

## **Scope of Work(SoW) / Terms of Reference(ToR)**

The DPR shall consist of two parts viz., National Institute of Science & Technology and a Hunar Hub for Skill Training. The following would be the Scope of Work / Terms of Reference:

### **1) Vision, Mission and Objectives of the proposed National Institute**

The proposed National Institute of Science & Technology is needed for higher technical education & research and Skill Training. MAEF has plans for setting up a National Institute at Alwar.

- Vision: should describe the desired future position of the National Institute of Science & Technology.
- Mission: should define the objectives of the proposed institute (strategic, quality, process and community level outcome) and its approach to attain the objectives.
- DPR shall establish a Quality Policy that is appropriate to the purpose and context of MAEF and supports its strategic direction;

## 2) Academic Plan

The academic plan shall be devised in two phases:

- Conventional Courses for National Institute of Science & Technology, which shall offer Under Graduation, Post-Graduation and Doctoral Courses.
- Skill Courses (Hunar Hub), which shall offer skill, based short term certificate courses which may help in getting employment. The Relevant courses should be as per today's market requirement and should offer employment opportunities.

The detailed plan includes:

- a. Determine the optimum number of student intake per academic year for each of the academic field / skill programs as respect to the number of branches of study / skilling programs.
- b. Description of affiliations rules and regulations of Ministry of HRD and State Government Agencies & procedures for formal recognition of the degree /applied research courses.
- c. Formulation of Pedagogy (Delivery of the program) based on innovative teaching and learning processes and evaluation system.
- d. Academic plan supported by requirement of qualified national/ international faculty for carrying out the studies / projects etc.
- e. Proposition for Centre of Excellence (CoE) in skilling research under Hunar Hub.
- f. Student acquisition and Faculty development strategy.
- g. Incorporating R&D, consulting, project execution, skilling, faculty/student semester exchange, industry-academia linkage, placement, etc.

- h. Exploring collaboration & outreach opportunities with different stakeholders, national/international institutes/universities to introduce international best practices.
- i. Perspective / strategic vision plan for next 10 years.

### **3) Governance and Human Resource Plan**

- a. Control and reporting Mechanism of the proposed Institute's staff
- b. Detailed requirement of Faculty & Non faculty and outsourcing staff as per the norms /guidelines of governing bodies like UGC / AICTE / other statutory bodies/ minority Institution guidelines, etc. alongwith their RRs

### **4) Infrastructure and Plan**

- a. Review of existing and other available infrastructure resources at the proposed site at Alwar.
- b. Provision of Transit Campus
- c. Broad layout plan for administrative block, academic block, staff residence and student hostel.
- d. Detail the Infrastructural and Resource requirements for the Institutes including the number of classrooms, toilets, faculty rooms, teaching & training aid, requirement of laboratories & related equipment, Wi-Fi, online admissions, workshops and central facilities like library and IT center, auditorium, playgrounds, indoor and outdoor facilities, power, air conditioning, CCTV and campus development, etc.
- e. Proposition of Skill Centre (Hunar Hub) and Departments comprising of Labs and an office comprising experts in identified domain areas.
- f. Details of the student hostel, for boys and girls and faculty house including dining hall, kitchen, pantry, common room, toilets, corridors, lobbies etc.
- g. Compliance of all infrastructural and environmental norms for creation of a Green campus and follow of GRIHA norms etc., as per provisions of CPWD PAR 2019.

### **5) Environmental Impact Assessment**

- a. Broad Environment Impact study of the proposed site.
- b. Should include Risk Assessment of the area

- c. To assess the impact of establishment of institute on environment and identification of key parameters to mitigate the adverse impact (if any).
- d. Provisions of the standards of green principles like zero waste generation, energy efficiency, environment friendliness and guidelines of safety & environment.
- e. Compliance with ISO 1400:2015 Standards required
- f. To suggest the issues if any, related to sustainability of the project.
- g. Also Corrective Actions and their implementation

## **6) Financial Plan**

- i. Estimation of capital expenditure (CAPEX)
- ii. Recurring expenditures on salary, maintenance, upkeep, water and electricity, hostel, etc (OPEX) for next 5 years.
- iii. Estimates for equipment in labs and workshop, computer centre, books for the library etc.
- iv. Workout on revenue earning streams / sustainability plan of the Institute through consulting / advisory services and testing facilities, etc.
- v. DPR should cater to the clauses and conditions of PMJVK

## **7) Project Approach and Methodology**

- a. Create a vision and mission of the proposed Institute based on which detailed strategy and road-map can be designed.
- b. Based on the findings of the feasibility report, further a few background documents, data available on the internet and other published information shall be referred to understand any further developments after the submission of feasibility report.
- c. A meeting with key officials of MAEF as well as Ministry of Minority Affairs, Govt. of India, Industry experts and all the other relevant stakeholders shall also be carried out to prepare the final report.
- d. Study the requirements of proposed Institute, systems, processes, design and propose appropriate model for the Institute on par with the international best practices.
- e. Designing space planning for administrative and physical structure of the proposed Institute.

- f. Identification of type of manpower required along with their expertise for carrying out above activities.
- g. Analyse the infrastructural requirements in terms of space, types of labs and machines including their cost, details of the location and its connectivity, operations involved, and revenue/expenditure model of the proposed Institute.
- h. Infrastructural analysis shall include requirement for number of classrooms, hostels, training grounds, IT support, staff rooms, coaching & training aids, library, indoor and outdoor facilities, boundary, land development, energy & green building requirements, security (CCTV), fencing, gates, etc.
- i. Assessment for student/faculty accommodation.
- j. Work out financial outlay and timeline for requirement of funds.
- k. Financial Plan viz. estimate of capital expenditure (CAPEX) and recurring expenditure (OPEX).
- l. Develop strategies for self-sustenance of the recurring expenditure of the institute.
- m. Build roadmap to establish a fully operational research institute.
- n. Establish the possibility of tie-ups and MoUs at National & International level and develop outreach strategies through proposition of collaborations with industry and academic institutions.
- o. Provide MAEF with Detailed Implementation Plan
- p. Provide MAEF with Detailed Financial Plan
- q. Identify roles of Project Management Consultant

#### **8. Obligation of Government Agency**

- a. It would make own arrangements of all logistics for visits and travel of its officials / staff to the site or other places
- b. Also, MAEF shall require a bi-weekly status report of the Project.

#### **Eligibility Criteria for the agency:**

<b>Financial Stability</b>	<ul style="list-style-type: none"> <li>• The average minimum turnover during the last three (3) financial years should be Rs. 5,00,00,000 (Rupees Five Crore Only)</li> <li>• Annual Turnover Certificate by C.A. shall be</li> </ul>
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	submitted along with bid.
<b>Experience</b>	<ul style="list-style-type: none"> <li>• Three similar completed works, each cost not less than the amount equal to 33% of estimated cost.</li> <li>• Two similar completed works, each cost not less than the amount equal to 50% of estimated cost.</li> <li>• One similar completed work costing not less than the amount equal to 100% of estimated cost</li> <li>• The relevant documentary proof in the form of work orders and/or satisfactory performance certificates to be enclosed with the technical bid documents.</li> </ul>
<b>Infrastructure/Legal</b>	<ul style="list-style-type: none"> <li>• The Applicant should be a single entity and no consortium is allowed.</li> <li>• The Applicant should be a Government of India Enterprise/Central or State Government Undertaking</li> <li>• The Applicant should not be black listed by any Govt. Companies/Govt. organization/Govt. Agencies etc. in India or abroad.</li> </ul>

### **Timelines for Submission of DPR**

**Work Completion Time: (3) Months** from the date of Work Order.

- Submission of Draft DPR for National Institute & Hunar Hub (2 months)
- Submission of Final DPR for National Institute & Hunar Hub (1 month)

Although eligible agencies will be required to provide additional information at the request of MAEF (if any), EoI without required information or enclosures are liable to be rejected.

### **Submission of Expression of Interest**

The EOI should be submitted in One (1) Original and two (2) copies and should be signed and delivered in a sealed envelope or package clearly marked:

**“Expression of Interest (EoI) for selection of a Government Agency for Preparation of Detailed Project Report (DPR) for the Establishment of a**

**National Institute of Science & Technology and Hunar Hub for Skills Training at the proposed site in Village Khohra Peepli, Tehsil Kishangarh Bas, District Alwar, Rajasthan”**

The EOI should be submitted to:-

**Shri P.K.Thakur**

**Secretary**

Maulana Azad Education Foundation

(Ministry of Minority Affairs, Govt. of India)

Maulana Azad Campus, Chelmsford Road

New Delhi-110 055

Contact No. +91-11-23583788/23583789

Email: secy-maef@nic.in

All submissions must be received not later than **5:00pm** on **15<sup>th</sup> September 2020**. This invitation does not constitute a commitment on the part of the MAEF to enter into an agreement with any agency expressing interest. Only eligible and shortlisted firms/consortia will be contacted by MAEF for further course of action.

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