



No.UEV / 03/ 12 of 2021

Mumbai – 400 032

Date: 26/02/2021

TENDER NOTICE

Wax sealed tenders are invited by the University Engineer, University of Mumbai for the following work:

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| 1 | Name of work | : | Energy Audit of IDOL Building in Vidyanagari Campus, University of Mumbai. |
| | Cost put to tender | : | Rs 105000 .00/- without GST. |
| 3 | Cost of Tender form | : | Rs. 224/- only |
| 4 | date for issuing of tender form | : | On <u>26/02/</u> 2021 before 11:00 AM |
| 5 | Last date of issuing and submission of tender form | : | On <u>04/03/</u> 2021 before 3:00 PM |
| 6 | Place and time for payment of tender form fees | : | University cash counter, Room no. 51, second floor, cash unit, Vidyanagari Campus Building. |
| 7 | Place and time of availability of 'Tender' | : | Office of University Engineer, Room No. 118, 1 st floor, Fort Campus Building. |
| 8 | Place for submission of 'Tender' | : | Office of University Engineer, Room No. 118, 1 st floor, Fort Campus Building. |
| 9 | Period within which work is to be done | : | 25days |
| 11 | Defect liability period | : | 1 Year |

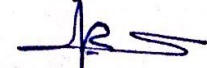
The blank tender form (Schedule "B") must be submitted and details such as (i) Tender Fee Receipt No. & Date must invariably be written on it.

The contractor in the field should be PWD registered. Any over writing in tender document leads to rejection of tender.

Please note that, if any damages are done to electrical wiring, cabling etc. and internal, external pipeline during the repairing work shall be rectified / replaced by the contractor immediately at his own expense.

The selected contractor will have to execute an agreement on Rs 500/- stamp paper, University of Mumbai will not be responsible for any postal delay/loss in transit.

University Engineer, University of Mumbai reserves the right to reject all the tenders or any tender without assigning any reasons therefore and to relax or waive any of the condition stipulated in any of the tender that may be issued wherever necessary.


University Engineer
University of Mumbai.

Scope of Audit:

The Auditor has to provide three reports as :

I. Energy Audit

Energy Audit report must include assessment of usage, consumption and pattern of energy used in the premises based on all above parameters along with conditions and benchmarks as resource and Building Envelope Analysis, working, operational and Maintenance Procedure Analysis, Utility Data Analysis, Load Data Analysis, Analysis of Energy Consumption, Load Evaluation, consumption pattern and billing history, back-up systems and also the administrative requirements, assessment of safety concerns, assessment of operating and occupancy schedules for Equipment, Power Quality and Environmental Parameters Analysis, Efficiency and Wastage Analysis and assessment of potential risk factors. The report must include all above data along with following points:-

- a. Executive Summary
- b. Project Overview
- c. Utility Analysis
- d. Load Profile (Details, Schedules, Matrix, Balance)
- e. Key observations
- f. ENCONs
- g. Recommendations

II. Green Audit

Green Audit report must include assessment of premises which refers to ecology friendly environment with lesser carbon emission in terms of initiatives, implementation, best practices, working environment, capacity utilization based on all above parameters observed during energy audit along with conditions and benchmarks as Air Quality, Water Quality, Noise Data, Weather Data, Tree Diversity, Faunal Diversity as well as biodiversity conditions. The report must include all above data along with following points:-

- a. Air Quality
- b. Water Quality
- c. Noise Data
- d. Weather Data (temperature, rain, sun, radiation, Etc.)
- e. Tree Diversity
- f. Faunal Diversity

III. Environment Audit

Environment Audit report must include assessment of premises on the basis of environmental impact on the premises, overall as well as day to day working, operational activities based on all above parameters observed during energy and green audit along with conditions and benchmarks as Wastage Types and Management, Recycling Procedures, Greening, Environment Impact, Carbon Footprints. The report must include all above data along with following points:-

- a. Wastage Types and Management
- b. Recycling Procedures
- c. Greening
- d. Environment Impact
- e. Carbon Footprints

Eligibility:

1. The participating company must own a Calibrated Portable PQA of capacity more than 2500A. Proof of the same (calibration certificate and purchase invoice) has to be submitted along with quotation.
2. The participating company must own Basic measuring instruments. Proof of the same (calibration certificate and purchase invoice) has to be submitted along with quotation.
3. The participating company must own required instruments, tools or machinery. List of the same has to be submitted on letterhead of company along with quotation.
4. The participating company must have a certificate of registration with MEDA as Energy Planner & Energy Auditor under category as Empanelled consultant for Energy Conservation Programme. Copy of the same has to be submitted along with the quotation.
5. The participating company must have an accredited Energy Auditor associated/ working with the company. A signed letter of association along with registration number, certificate issued by NPC and certificate issued by BEE for the same has to be submitted along with the quotation.
6. Since the participating company is going to work with and handle critical electrical points and supplies; the participating company must have License issued by Public works Department, government of Maharashtra as Electric Contractor. License copy has to be submitted along with the quotation.
7. Since the participating company is going to work with and handle critical electrical points and supplies; the participating company must have Electric Contractor category registration with Grade A (unlimited work carrying capacity), from any of the standard authorities, for Eg. MHADA, MCGM, Railways, Etc. Registration copy has to be submitted along with the quotation.
8. The participating company must have executed at least five similar works in a university, self certified list has to be submitted along with the work orders of the same. It has to be submitted on letterhead of company in following format:-

SL No	Name of Client	Start Date	Completion Date
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9. The participating company must have turnover of 1CR at least any one of last three years. A certificate from Chartered Accountant has to be submitted along with the quotation.



ABSTRACT

Name of work: Energy Audit of IDOL Building in Vidyanagari Campus (G+3), 107375.43 Square feet, University of Mumbai, Mumbai-400 098.

Sr. No.	Description	Approx. Amount
1	To utilize a building to determine the output and efficiency from the energy audit project adhering to the scope mentioned. The building chosen is: 1. Energy Audit of idol Building in Vidyanagari Campus (G+3), 107375.43 Square feet, University of Mumbai,	105000.00
	Total	105000.00
	Add 12% GST	12600.00
	Grand Total	117600.00

University Engineer
University of Mumbai

I, M/s. _____ is willing to carry out the work at _____ % above/below/at par than the amount 105000.00/- exclusive of all taxes.

Rubber stamp of the Firm
(Signature of the contractor)