

Tender Enquiry No:DAVV/IET/EW/2018-19/5

Dated: 29/01/19

Price of Tender Form: Rs. 1000/-

**Last date of Submission:20/2/19**

**Devi Ahilya Vishwavidyalaya, Indore**  
**Institute of Engineering and Technology**

Tender Document

January 2019



**Institute of Engineering and Technology**  
**Devi Ahilya Vishwavidyalaya**

**Khandwa Road, Indore ( M.P.)**

Phone No.:91-731-22361116/17/2764385

Website : [www.ietdavv.edu.in](http://www.ietdavv.edu.in)

Email: [stokekar@ietdavv.edu.in](mailto:stokekar@ietdavv.edu.in)

**Devi Ahilya Vishwavidyalaya  
Institute of Engineering and Technology**

To,

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**Ref: Tender Enquiry No:**

**dated:**

S.N.	Name of Equipment	Quantity	Technical Details
1	Electronic workbench	02	Annexure A

Dear Sir,

Tender forms can be downloaded from **mptenders.gov.in**.

Tender to be submitted online through **mptenders.gov.in** along with tender fee and EMD.

**Section 1: General terms and conditions applicable for all items:**

- 1 Rates quoted should be inclusive of all taxes and other charges for delivery and installation F.O.R. IET-DAVV, Indore. Mode of payment shall be after receipt of goods.
- 2 Vendors are requested to read specifications carefully and submit quotations as per the specifications given.
- 3 All the pages of quotation must have seal and name & signature of the authorized person.
- 4 The complete detailed specifications along with accessories, if any, be clearly mentioned in the quotation giving the guarantee/ warranty period. Facilities for service should also be indicated. Detailed technical information, Brochures, leaflets, and drawings whichever is applicable must be furnished along with tender(s).
- 5 The vendor should enclose the certificate of authorization for dealership, sole manufacturer or propriety item.
- 6 No claim for any tax or duty, not stipulated in the tender will be admitted at any stage.
- 7 Vendor will furnish the list of addresses (if any), where similar equipment/software has been supplied or work has been carried out in the past.
- 8 University reserves the right to invite on its own the bids directly from Internationally recognized top listed companies or manufacturers and select the reputed brands as suggested by its technical committee/experts.

- 9 We do not intend to call vendors for financial negotiations. Vendor should, therefore, quote their lowest possible rates (Clearly mentioning the discount for educational institute, if any). However, technical discussion may be held, if felt necessary by the technical committee.
- 10 For each item, tenders are to be submitted as per details given on [mptenders.gov.in](http://mptenders.gov.in).
- 11 Tender may be accepted in part or in full or may summarily be rejected without assigning any reason.
- 12 Delivery period must be mentioned against each item. After the order has been placed the goods must be delivered within the stipulated period.
- 13 Ordinarily, the payment is made after the goods have been received and inspected at destination. In case the goods are rejected these have to be removed by the vendors at their cost. The rejected goods must be replaced by the vendor within 15 days of dispatch of registered notice intimating that the goods have been rejected, failing which the order may be cancelled.
- 14 Unless otherwise stipulated the tender should be valid for at least 90 days from the due date of opening of the tender.
- 15 All disputes shall be subject to Indore Jurisdiction.
- 16 Without EMD, the tender shall be considered as invalid.
- 17 Tender received after due date will not be considered.
- 18 Instruction manuals containing instructions for installation, operations, part list and instructions for trouble shooting must be supplied and included in the cost of the equipment.
- 19 DAVV reserves the right to change the quantity of items as per the requirement.
- 20 Custom duty / excise duty exemption certificate from DSIR, Govt. of India, is available with the University and will be provided if required. Custom duty / excise duty should not be charged due to exemption certificate.
- 21 Any revisions, corrigendum to the tender will be posted on the above website only and will not be published in any other media.

The vendor is requested to read all terms and conditions carefully before submitting the tender. Clarification (if any) may be sought out during office hours from Institute of Engineering and Technology, Devi Ahilya Vishwavidyalaya, Khandwa Road, Indore before submitting the tender.

Director

Institute of Engineering and  
Technology  
DAVV

## Section 2: Letter of Invitation

Dated :

Dear Sir/Madam:

1. **Institute of Engineering and Technology, Devi Ahilya Vishwavidyalaya, Khandwa Road, Indore** invites e-tenders, under online system, from eligible bidders for “Supply of various items mentioned in the tender”.
2. Other details are as under:

Sr. no.	Items	Description
1	Cost of tender document	Rs. 1000.00 (non refundable) through mptenders.gov.in (online)
2	Last date of submission of tender	<b>20/02/19</b> by <b>5:00 P.M .</b>
3	Earnest Money Deposit	Rs 13,500/-through mptenders.gov.in (online)

3. Tenders shall be valid for a period of not less than 90 days from the date of opening of tender (online bids). Tenders submitted without Earnest Money Deposit will be rejected.
4. Financial bid will be opened only for successful Bidders, who will be selected on the basis of technical committee report.

**Director**  
**Institute of Engineering and Technology**  
**Devi Ahilya Vishwavidyalaya,**  
**Indore**

### **Section 3. Instruction to Bidders:**

1. The Agencies are expected to examine this tender document in detail, while preparing their technical and financial proposal. Material deficiencies in providing the information may result in rejection of the proposal.
2. Proposals received after due date will be summarily rejected. University shall not be responsible for any delay in postal services.
3. The Agencies are required to submit the online tenders in the following manner. There will be three steps. Contents of only one envelope is as under:

1) **Envelope 1 should have the following:**

1. **Detail of online tender fee and EMD.**
2. **Form 1 and Form 2.**

This envelope has to send to Director, Institute of Engineering and Technology, Devi Ahilya Vishwavidyalaya, Khandwa Road, Indore.

**Scanned copies proof of online payment of tender fee and EMD, Form 1 and Form 2 along with other documents as requested on site should be uploaded on .pdf format.**

- 2) In the second step one has to submit online all the forms related to technical information (**form 3 and Annexure-B**, please attach Technical manual also)
- 3) **Online submit the financial bid in prescribed BOQ format (.xls).**

**Note: The technical proposal shall not include any financial information.**

Note: Any correction/overwriting should be attested by the person signing the documents, failing which the tender will be rejected without any notice. Use of correcting fluid is strictly prohibited. All the pages must have seal, name and signature of the authorized person.

The university reserves all the rights to accept/reject any/all/part of tenders without assigning any reason.

The bidders are required to submit the required details strictly in the specified format, failing which their tender is likely to be rejected.

### **Section 4: General Conditions for bidders**

1. The individual signing the Tender Document and other documents on behalf of the bidder should submit proof in support of his /her authority.
2. No interest would be payable for any period on EMD. The amount of EMD will be refunded only after finalisation of tenders. The EMD in case of successful bidder may be adjusted against security deposit.
3. All disputes shall be subject to Indore jurisdiction.
4. The payment will be made against delivery followed by successful installation of the software and hardware items and the verification of the goods against the order. For imported instruments, LC can be opened, if the amount is to be paid in foreign currency.

**Form - 1**

**(To be kept in Envelope-1)**

General Information about the bidder

<b>S.No.</b>	<b>Particulars</b>	<b>Details</b>
1	Name and Address of the Bidder	
2	Name and Mobile number of the contact person	
4	Office Telephones	
5	Fax Number	
6	e-mail address	
7	Name of the Chief Executive and Telephone No	
8	Name(s), contact number and address(s) of proprietor or Directors.	
9	1. GSTIN No.	
	2. Commercial Tax / CST No.	
10	Income Tax PAN No.	
11	List of Major Clients and Size of Orders executed in brief.	

Use separate sheet and attach proof where ever required.

**Signature of Bidder  
With Stamp & Seal**

**Form 2**

**Item number :**

**(To be kept in Envelope-1)**

1. Name of Organization : .....

2. Address : .....  
.....  
.....

3. Online Payment in favour of Registrar, DAVV payable at Indore.

i) Tender form price Rs. 1000/-

a. Name of Bank & Branch: \_\_\_\_\_

b. date: \_\_\_\_\_

c. Reference ID: \_\_\_\_\_

ii) EMD: Rs 13,500/-

a. Name of Bank & Branch: \_\_\_\_\_

b. date: \_\_\_\_\_

c. Reference ID: \_\_\_\_\_

4. Contact person name and phone number : \_\_\_\_\_

Signature: .....

Name: .....

Date: .....

Seal:

**Form 3**

**Item number :**

We are ready to supply the item as per the specifications mentioned below:

<b>S.No.</b>	<b>List of specifications and accessories for each item</b>	<b>Supplying Items (Yes/No)</b>
1.	i) ii) iii) iv) v) vi)	

Signature \_\_\_\_\_

Date:

Name \_\_\_\_\_

In capacity of \_\_\_\_\_

Name of the organization & seal



# ANNEXURE – A

## Technical Specification

**Item Name : Electronic workbench- 2 nos.**

S.N.	Specifications of Electronics workbench
1	An integrated workbench consisting of instrument panel and working table should suitable for students to learn and perform testing of various electronics circuits. Instruments should internally electrically connected and should be fitted in the panel such that only front panel and necessary interfaces are easily accessible to use. Structure of workbench should be made up of 1.5 mm thick CRC powder coated pipes with top made up of good quality 19 mm thick plywood and covered with 1.8 mm off white color mica. The bench working area should be covered by 2 mm thick antistatic mat which help students to controls static discharge as static cause interference or damage to students, equipment and circuitry.
2	Structure and design of Workbench should follow the below specifications: The basic structure should be made of 38 x 38 x 1.5 mm CRC powder coated pipes for sturdiness. The overall dimensions of Workbench should be not less than W = 1200 mm; D = 750 mm; H = 1150 mm. MS drawers 03 numbers W = 275 mm; D = 375 mm; H = 100 mm and thickness 1.2mm with handle & separate lock on each drawer should be provided. For the panel section, raised back height of 1200mm from floor with matching height support from the side at a depth 500mm for instrument housing with a MS Panel strip below it for housing Electrical Sockets and Switches for external use. Two Pole MCB (32A – Havells / Siemens) to be provided for safety of Workbench
3	Technical specifications of instruments and facility to be installed on the Workbench should be as under: <b>Workbench should have the following key features:</b> 70MHz, 4 Channel Digital Storage Oscilloscope: 25 MHz Arbitrary Waveform Generator with Counter: Multiple Output DC Power Supply 30V/2A,0 to $\pm 15V/1A$ , 5V/5A :51/2 Digit Digital Multimeter :Temperature controlled Soldering and De soldering station with SMD Iron.
4.1	<b>70 MHz Digital Storage Oscilloscope</b> 70MHz 4 analog Channel Digital Storage Oscilloscope, the oscilloscope should support real time sampling Analog channel: 1 GSa/s (single-channel), 500 MSa/s (dual-channel), 250 MSa/s (three/four-channel),Memory Depth should be more than 20Mpts (more than 5 Mpts when using all channels simultaneously, vertical range 1mV/div -10V / div, horizontal range 5ns/div to 50 s/div, the instrument should have triggering facility edge, pulse, window, slope, RS232/UART, I2C, SPI, it should also have at least 26 nos automatic measurements and 6 bits hardware counter, more than 6.8” inch TFT Display, I Math functions like A+B, A-B, AxB, A/B, FFT, A&&B, A B, A^B, !A, Intg, Diff, Sqrt, Lg, Ln, Exp, Abs., wide PC Interface USB Host & Device and LAN
4.2	<b>2 Channel 25 MHz Arbitrary Waveform Generator</b> Sine: 1 $\mu$ Hz - 25 MHz, Square: 1 $\mu$ Hz - 15 MHz, Pulse: 1 $\mu$ Hz - 15 MHz, Ramp: 1 $\mu$ Hz - 500 kHz, Arb: 1 $\mu$ Hz - 10 MHz, Sampling Rate more than 150MSa/Sec, Memory more than 1Mpt, Waveform Sine, Square, Pulse ,Ramp, Noise, More than 150 built in waveforms Sinc, Exponential Rise & Fall, ECG etc... Display 3.5 inch TFT ,Vertical Resolution 14 bits, Built in 7 digit 200MHz frequency counter, Amplitude (50Ohms) , $\leq 10$ MHz 1mVpp to 10Vpp and $\leq 30$ MHz 1mVpp to 5Vpp ,Built in 8 order harmonic generator ( harmonic type Even, Odd, All ),Modulation AM,FM,PM,ASK,FSK,PSK,PWM, Liner/Logarithmic Sweep Mode, Burst Mode, PC Interface USB Host & Device, LAN
4.3	<b>Multiple output DC Power Supply</b> 30V/2A,0 to $\pm 15V/1A$ , 5V/5A Power Supply with digital display for Voltage and Current, CV/CC operation, Resolution Voltage 100 mV, Current 10mA, 0.07% Load and Line Regulation, Setting resolution Voltage 10mV , Current 2mA , ripple & noise < 1mVrms
4.4	<b>51/2 Digit Digital Multimeter:</b> Measurement Functions DCV, ACV, DCA, ACA, Resistance, Diode, Capacitance ,Frequency, Period , DCV 200mV to 1000V, ACV 200mV to 750V,DCA 20mA – 10A,ACA 20mA – 10A, Resistance 200 $\Omega$ to 100M $\Omega$ Support Double Display, USB Host & Device.
4.5	<b>Soldering / De soldering Station</b> 60W Microcontroller based Temperature Controlled Soldering and De soldering Station with Set / Read of temperature, keys to set temperature, Digital calibration to avoid analog components tolerances, Burn proof silicon cable with thermal resistance up to 600°C, SMD Iron, de soldering pump diaphragm type, Input voltage for soldering and de soldering 170 to 270 V, temperature range for soldering 180 to 270°C and for de soldering 180 to 480°C. SMD Iron to solder and de solder SMD components

OEM authorization is essentially required.

**Signature & seal of bidder**



1. Last date of submitting Tender: 20/02/2019 at 5:00 PM
2. Date of Opening of technical Bid: 21/02/2019 at 3:00 PM
3. Date of Opening the financial Bid: 22/02/2019 at 3:00 PM