SAHA INSTITUTE OF NUCLEAR PHYSICS

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(Aided Institution under Department of Atomic Energy, Govt. of India)
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E-TENDER NOTICE
INVITATION OF QUOTATION
Through www.tenderwizard.com/DAE

Tender Enquiry No. LT/Digital Storage Oscilloscope/2012-08737/HENPP/SB/SINP/2019 (Domestic)

Sealed quotations are invited from the reputed & experienced manufacturers / vendors / firms or their authorized dealers / distributors for Supply, Installation, Testing & Commissioning of **1 GHz, 4 Channel Digital Storage Oscilloscope – 01 (One) Set at SINP.**

Last date & time for submission of quotations: 05th March, 2019 up to 14:00 hr.

Date & time of opening of quotations: 06th March, 2019 at 16:30 hrs.

Technical Specification for 1 GHz, 4 Channel Digital Storage Oscilloscope – 01 (One) Set :

1] Analog Bandwidth	: 1 GHz
2] No. of Analog Channels	: 4
3] No. of RF Channel	: 1
3] Sampling Rate (Each Channel)	: Minimum 2.5 GS/s (Each Channel)
4] Record Length (Each Channel)	: Minimum 8 M Points (Each Channel)
5] RF Capture Bandwidth	: 1 GHz
6] RF Span Range	: 9 kHz to 1 GHz
7] RF Resolution Bandwidth	: 20 Hz to 150 MHz
8] RF Reference Level	: -130 dBm to + 20 dBm
9] Input Sensitivity	: 1 MΩ – 1mV / div to 10 V / div
10] Time Base Range	: 400 ps / div to 1000 s / div
11] Digital Channels	: 16 Digital Channels
12] Digital Channel Max Sample Rate	: 500 MS/s (2 nS Resolution)
13] Digital Channel Max Record Length	: 10 M Points
14] Digital Channel Max Input Voltage	: -20V to +30V
15] Max. Waveform Capture rate	: ≥ 250000 waveforms / sec.
16] Digital Voltmeter & Freq. Counter	: should be available integrated into the system.
17] Input / Ouput Ports	: USB, LAN and Video Output
18] Display	: ≥ 9 inch color display
19] Accessories	: 4 Nos. 1 GHz Voltage Probe, Accessory bag, Power Cord, PC connectivity software, Operating Manual on CD, etc.

Instrument offered should be upgradable in nature. Various hardware and software upgrade options like Spectrum Analyser Bandwidth Upgrade, Arbitrary Function Generator, Protocol Analyser, Power Analysis application, etc must be available for upgrade at a later date.

Important safety standards

The instrument must comply to International EMC and Safety standards.

Warranty

Minimum 1 Year from the date of supply. Manufacturer must have their own dedicated Service Center available in India and details of Service Center must be provided while submitting their Quotations

NB: VENDORS HAVE TO SUBMIT THEIR QUOTATION THROUGH ONLINE MODE ONLY. HARD COPY OF TENDER DOCUMENTS WILL NOT BE ACCEPTED IN ANY CIRCUMTANCES

COMMERCIAL TERMS AND CONDITIONS:

1) **The Tender should be submitted through online mode only.** Respective bidders need to register their company on www.tenderwizard.com/DAE portal for participating on the same. In case of any further assistance or support they may contact to Helpdesk No. **+91 9073677154**

2) **Quotations should only be submitted either by the OEM or by their Authorised Distributors. Valid Authorisation Certificate from the OEM is required in case of Quotations submitted by Distributors.**

3) The tenderers should give rates, showing taxes and levies/GST, packing & forwarding, delivery charges etc. if any separately giving full breakup details in the offer/quotation.

4) **Our Payment terms:** After Delivery, Successful Installation and Testing of the above. **No advance payment in any case would be made.**
Payment terms may be changed if felt by the competent authority of the institute.

5) Validity of price should be a period of **60 days**, (Up to 05.05.2019)**,** from the date of opening of quotation.

6) **Performance Bank Guarantee:** An unconditional performance Bank Guarantee cum Performance Security for an amount of 10% of the P.O. value, valid for the warranty period and additional two months after warranty period, to be submitted before release of 100% balance payment.

7) **Tender should be submitted through online on the website www.tenderwizard.com/DAE .**
No need to send hard copy of your offer to Dept. Bidders can view and download the tender documents by visiting the above said website.

8) Under Govt. Notification SINP is exempted from paying Customs Duty for all procurements required for research purpose & in case the exemption certificate is not honoured by the concerned authorities, the applicable duty will have to be paid. Hence, Customs Duty if any should be shown separately.
Institute can provide following documents: (If applicable and as per rule)
(a) Custom Duty concessional certificate with DSIR.
(b) Central Tax (Rate) / Integrated Tax (Rate) Exemption Certificate in terms of notification No.45/2017 – Central Tax (Rate) / No. 47/2017 - Integrated Tax (Rate), Dt. 14.11.2017 issued by Ministry of Finance, Dept. of Revenue, Govt. of India.

SINP will not pay separately for transit Insurance and any demurrage towards this procurement.

9) **Award Criteria**: SINP will determine to its satisfaction whether the Bidder(s) that is/are selected as having submitted the lowest evaluated responsive bid meets the criteria specified in Tender documents and found to be technically, commercially and financially acceptable.

10) The tender/contract/order shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to Kolkata jurisdiction.

11) **Warranty/Guarantee** information should be specified clearly on your quotation.

12) **Bidders have to submit the tender through online and have to keep their tender acknowledgement copy for further need.**

13) The bids will be opened on specified date and time in the presence of bidder's representatives, who may choose to attend, at the venue, date and time mentioned above. In case the Tender opening date happens to be a holiday, the Tender will be opened on the subsequent working day.

14) **For any further technical clarification please contact with Prof. Satyaki Bhattacharya, HENPP Division, SINP (Extn: 3431; E-Mail: bhattacharya.satyaki@saha.ac.in)**

15) **The bidders are requested to offer Educational Institutional Price for the above procurement. The price quoted shall be considered firm and no price escalation will be permitted.**

16) The Purchase Order to be executed within **30 days** from the date of receipt of the Purchase Order.

17) LD Clause: Subject to conditions of Contract, if the Supplier fails to deliver or install any or all of the Goods or to perform the Services within the period(s) specified in the Contract, SINP shall, without prejudice to its other remedies under the Contract, deduct from the Contract price, as **Liquidated Damages**, a sum equivalent to 0.5% (of contract value) of the delivered price of the delayed Goods or unperformed Services for each week or part thereof for the delay until actual delivery or installation or performance, up to a maximum deduction of 10% contract value. Once the maximum penalty is reached, SINP may consider termination of the Contract/purchase order pursuant to conditions of Contract. However in case of genuine reasons for late delivery, institute can waive / reduce liquidated damages if firm approaches in writing.

18) It will be the responsibility of the bidders to check website http://www.saha.ac.in & **www.tenderwizard.com/DAE** for any amendment through **corrigendum** in the tender document. In case of any amendment, bidders will have to incorporate the amendments in their bid accordingly. No separate corrigendum will be published elsewhere. **If any corrigendum published in our website, bidders are requested to attach the same with Seal & Signature while quoting the rates and submit this corrigendum sheet along with the technical bid of tender document.** Therefore, interested bidders need to visit the SINP web site on a regular basis for updates.

The Institute reserves the right to accept or reject any or all of the offers fully/partly without assigning any reason whatsoever.

In-Charge,
Purchase (D), Saha Institute of Nuclear Physics.
Ph- 2337-0571, Extn. 1438 or 1432