

VISVA-BHARATI

Santiniketan

TENDER ENQUIRY FORM

for DST sponsored projects **SR/MF/PS-02/2014-VB(G)**, **SR/MF/PS-03/2014-VB(G)**

Enquiry No. 2017/CMS/1

Date: April 07, 2017

Last date of Submission: 21/04/2017, 15-00 Hrs

Date of Opening: 21/04/2017, 16-00 Hrs

To

Dear Sirs,

We intend to procure the following items as per specifications given below from the manufacturer or their authorized dealers/distributors/vendors and invite quotations in accordance with the terms and conditions detailed in the attached sheet. Kindly send your offer with precise and complete terms within the time mentioned above.

Yours faithfully,



Prof. Manas Maity,

Principal Investigator, Department of Physics,

Visva-Bharati, Santiniketan 731235.

Item no.	Description/Specifications	Qty
1(a)	DC Programmable Electronic Load (Main frame) <ul style="list-style-type: none">• Input Voltage – 200 ~ 260 V AC, 50 Hz• Output Voltage range 0 to 500 V; Current range, 0 to 120 A• Support for up to 4 modules/8 channels or 8 modules/16 channels with mainframe extension• Transient mode up to 25 kHz• Synchronous Load on/off function• Adjustable slew rate in CC mode• Standard LAN, GPIB, USB, and RS-232 interfaces• Built-in 16-bit resolution voltage and current measurement (0.1 mV, 0.01 mA)	1

	<ul style="list-style-type: none"> • Remote voltage sensing to compensate for the effect of voltage drop in wires • Operate identical modules in parallel mode for high current applications • OVP/OCP/OPP/OTP and reverse voltage protection <p>Warranty: 3 Years</p>	
1(b)	<p>DC programmable Electronic Load Module</p> <ul style="list-style-type: none"> • Input Voltage: 0 – 80V • Input Current: 0 – 60A • Input Power: 400W • CV Mode: Low 0 – 18V; High 0 – 80V; Resolution: 1mV • CC Mode: Low 0 – 6A; High 0 – 60A; Resolution: 0.1mA • CR Mode: Low 0.05 ohm – 10 ohm; High 10 ohm – 7.5 kohm; Resolution: 16-bit • Transient Mode(CC): T1 & T2 - 20 ms – 3600 s / Res: 5 μs-10 ms; Accuracy: 5 μS + 100 ppm <p>Warranty: 3 Years</p>	1
2	<p>Digital Storage Oscilloscope</p> <ul style="list-style-type: none"> • 200MHz bandwidth, 4-channels • Up to 2 GS/s sample rate on all channels • 2.5k point record length on all channels • Advanced triggers including pulse and line-selectable video triggers • TFT Color Display, Zoom function • Dual window FFT, simultaneously monitors both the time and frequency domains • Built-in waveform limit • Dual channel frequency counter • Automated, extended data logging feature • Autoset and auto-ranging functions • USB 2.0 host port on the front panel, USB 2.0 device port on rear panel <p>Warranty: 3 Years</p>	1
3	<p>AC/DC current measurement probe</p> <ul style="list-style-type: none"> • Bandwidth: DC – 100 Mhz • Rise time: \leq 3.5 ns • DC accuracy: \pm3% of reading • Lowest measurable current: 1mA • Maximum wire voltage: Bare: 150 V; Insulated: 300 V • AC-coupling low-frequency Bandwidth Input Voltage – 90 ~ 260 V AC, 50 Hz<7 Hz • High-Current Sensitivity: Range: 10 A/V; DC(Continuous): 30 A; RMS(Sinusoidal) 21.2 A; Peak: 50 A; • Low-Current Sensitivity: Range: 1 A/V; DC(Continuous): 5 A; RMS(Sinusoidal): 3.5 A; Peak: 50 A <p>Warranty: 3 Years</p>	1
4	<p>DC Power supply</p> <ul style="list-style-type: none"> • Input Voltage – 90 ~ 260 V AC, 50 Hz • Output: Voltage 12V and 5V; Power: 600W; Ripple voltage: 150mV(p-p) (Max) • Load Regulation: 33mV 	4

	<ul style="list-style-type: none"> • Dynamic Load Regulation: -0.6 V(min) and 0.6 V(max) • Load Regulation: 33 mV; Dynamic Load Regulation: -0.6 V(min) and 0.6 V(max) • Over temperature, output overvoltage and overcurrent protection ive digital current sharing <p>Warranty: 3 Years</p>	
5	<p>Desktop Computer</p> <ul style="list-style-type: none"> • Intel Core CPU i5 6400 • RAM 8GB DDR4 • Compatible Motherboard / Mainboard with HDMI, D-sub-ports for multiple display • Hard Drive 2TB • Optical drive • ATX Cabinet with 750W SMPS • CPU Cooler Fan <p>Warranty: 3 Years</p>	1
6	<p>Computer Monitor</p> <ul style="list-style-type: none"> • 60 cm LED, HD display 	2
7	<p>Operating System for Computer (on media)</p> <ul style="list-style-type: none"> • Windows 10 (64 bit), Pro version 	1

TERMS & CONDITIONS FOR SUBMISSION QUOTATION FOR SUPPLY OF STORES

1. (a) **Rate:** The rate quoted must be exclusive of Excise Duty, Packing & Forwarding charges, Sales Tax, Freight charges and Insurance charges. All the charges like Excise Duty, Sales Tax, Freight, Insurance, Handling charges etc. as applicable must be shown separately. The stores are required to be dispatched by passenger train F. O. R. Bolpur or by Road Transport or delivered at this University under the Suppliers' own arrangement, free of additional charges. The risk of damage or loss in transit if any will be that of the suppliers. Manufacturer's price list, technical leaflet, samples, catalogue, whenever applicable, should invariably be submitted.
(b) **Excise Duty:** It may please be noted that the University is exempted from the payment of excise duty for scientific instruments/equipments for which necessary certificate shall be provided by the University, on request.
(c) **Sales Tax/ Vat:** Extra as applicable.
(d) **Way Bill:** This is issued against Consignment Note in and a copy of invoice. University does not issue any C or D form.
(e) **EMD:** Earnest Money Deposit be paid by Demand Draft in favour of "Visva-Bharati, Santiniketan", payable at any nationalised Bank at "Santiniketan". The EMD will be refunded after successful completion and execution of the work/supply. The University reserves the right to withhold or confiscate the EMD in the event of failure to supply the items in part or full, once the Purchase Order is accepted.
2. (a) **Consignee:** All stores are to be consigned in the name of **Prof. Manas Maity, Principal Investigator - DST Project, Department of Physics, Visva-Bharati, Santiniketan 731235.**
(b) **Disposal of Dispatch Documents:** The Railway Receipt/PWB/Consignment Note along with the relevant bill and three priced challan each in triplicate, should be dispatched to theimmediately on completion of dispatch. If these documents do not reach the in time all wharfage/ demurrage incurred, if any, will be recoverable from the suppliers.
3. **Delivery Period:** The stores are required to be delivered/dispatched within the delivery period mentioned in the order. All offers of delivery should be made ex-stock, and a clear note should be inserted in case ex-stock delivery is not possible. No mobilization advance is payable against the Purchase Order. University does not bind itself to accept any ordered material after expiry of delivery period if the same has not been extended on the written request of the supplier before the delivery after expiry of the delivery date.
4. **Quality & Specification of Stores:** The stores offered should be of the best quality available, unless otherwise specified, confirming strictly to the National/International specification. The Institute

reserves the right to reject such stores if found unacceptable on these grounds. The guarantee and warranty offered be specifically mentioned.

5. **Liquidated Damages:** If a firm accepts an order and fails to execute the same, in full or part, as per the terms and conditions stipulated therein, it will be open to this Institute to recover liquidated damages from the firm at the rate of 1% of the value of the undelivered stores per month or part thereof, subject to a maximum of 5% of the value of the undelivered stores. It will also be open to this Institute alternatively, to arrange procurement of the required stores from any other source at the risk and expense of the firm which accepted and then failed to execute order according to stipulation agreed upon.
6. **Submission of Quotation:** All quotations must be forwarded in sealed cover addressed to the sender of this Enquiry so as to reach within the specified period. The reference to the Enquiry No. and the last date of submission must clearly be superscribed on the sealed envelop. If no counter offer is made in the quotation, it will be taken for granted the offer is strictly in accordance with the specification and terms and conditions laid down in the tender notice.
7. **Opening of the Quotation:** Every quotation will be opened at the concerned Department/Centre/School/Section of this Institute at the time and on the date indicated on the tender form. Unless otherwise specified, quotation will not be opened in Public and in presence of representative of bidders.
8. **Period of Validity:** A quotation shall remain valid for acceptance at least for a period of 90 days from the date of opening.
9. **Income Tax Clearance:** Current Income Tax and Sales Tax clearance certificates or returns must be submitted to the as per existing guidelines in vogue, before submission of final bill for payment, if not supplied earlier. Submission of PAN and Photocopy of the PAN card is must.
10. **Payment:** Payment will be made after successful supply by a crossed a/c payee cheque on the S.B.I. Santiniketan, normally within 30 days from the date of receipt of bill or of the stores in good order and condition, whichever is later. Payments will however be made electronically by e-transfer, for which the supplier must provide their bank account number, bank address/branch details/branch code and IFSC code. Payment is made only on receipt of supply of all ordered materials. No short supply is acceptable unless specifically approved and agreed upon by the competent authority of the university in writing in advance.
11. **Rejection of Offer:** The University reserves the right to ignore or reject any offer including the lowest without assigning any reason. The University does not bind itself to accept the lowest offer.
12. **Dispute:** In case of dispute, the matter shall be settled mutually, failing which the decision of the Vice-Chancellor, Visva-Bharati shall be final and binding on the bidders.