



Govt. of West Bengal
Office of the Principal / Officer-in-Charge
Government General Degree College, Dantan-II

Kashmuli :: Paschim Medinipur :: West Bengal :: Pin – 721445 :: Website :: dantan2govtcollege.ac.in ::
Email – kgcprincipal@yahoo.com

Memo No.- 627/KGC

Date: 16/08/2018

e-NIT NO: **Dantan-II/GC/002**

The Officer-in-Charge of Government General Degree College, Dantan-II invites e-Tender for the equipment as stated below.

Information about the work:

1	Name of the work	Supply, Installation and demonstration of the following instruments.
2	Eligibility of the bidder	Bonafide, resourceful and reliable company or authorized agent of the principal company, having experience in Govt. organization supply with demonstration.
3	Cost of tender document	N/A
4	Time period of completion of delivery and installation of instrument	30(Thirty) days

1. In the event of e-filling, intending bidder may download the tender documents from the website <https://wbenders.gov.in> directly with the help of Digital Signature Certificate. **The supporting documents of the Lowest Bidder to be submitted to the office of the Officer-in-Charge.**
2. **Tender Fees: - N/A**
3. Both **Technical Bid** and **Financial Bid** are to be submitted concurrently duly digitally signed in the website <https://wbenders.gov.in>.
4. Tender documents may be downloaded from website and submission of Technical Bid and Financial Bid will be done as per Time Schedule.
5. The Technical Bid/Proposal is submitted in two parts. The two parts of the proposal are :-
 - (i) Part – 1 : Technical proposal
 - (ii) Part – 2 : Financial proposal

6. Eligibility criterion of participation in the tender:

- a) Bonafide, resourceful and reliable company or authorized agent of the principal company.
- b) An undertaking should be given stating thereby that the firm has not been debarred or penalized for any reasons out of work by any Govt. Dept.
- c) Subletting of contract is strictly prohibited.

7. Non -statutory cover containing the following documents:

- a) The prospective bidder must have the credential of satisfactorily completion as a prime agency during the last 3 (three) years from the date of issue of this notice under authority of state / central Govt., state / central Govt. Undertaking / statutory bodies constituted under the statute of the state / central Govt.
- b) The prospective bidders must have valid upto date clearance of service tax registration (last receipt of challan) / Income Tax return / Professional Tax clearance certificate / P.T (Deposit Challan) / PAN Card / GST registration certificate / Voter ID Card for self identification and Income Tax acknowledgement receipt for latest assessment year .
- c) The bidder who have been delisted of debarred by any government department shall not be eligible in any way.
- d) Company /authorized agent must have office in India.

8. No mobilization advance and secured advance will be allowed.

All materials required for the proposed work shall be of specified grade and approved brand inconformity with relevant code of practice (latest revision) and manufactured accordingly and shall be procured. Authenticated evidence for purchase is to be submitted along with challan and test certificate. If required by the Engineer-in-Charge, further testing from any Government approved Testing Laboratory shall have to be conducted by the agency at their own cost.

9. Bids shall remain valid for a period not less than 30(Thirty) days from the last date of submission of Financial Bid.

10. Statutory Cover containing the following documents:

Technical:

- * NleT
- * Other Tender Related Documents

Financial:

- * BOQ

11. IMPORTANT DATE AND TIME SCHEDULE:

Sl.	PARTICULARS	DATE & TIME
1	Date of uploading (Publishing) of N.I.T. Documents (Online)	20.08.2018 at 10.00 am
2	Documents download start date (Online)	20.08.2018 at 10.00 am
3	Document download end date (Online)	01.09.2018 at 04.00 pm
4	Bid proposal submission start date (Online)	20.08.2018 at 10.00 am
5	Bid proposal submission end date (Online)	01.09.2018 at 04.00 pm
6	Bid opening date for technical evaluation (Online)	03.09.2018 up to 4.00 pm
7	Date of uploading list for technically qualified bidder(Online)	To be notified latter.
8	Date & place for opening of financial proposal (Online)	To be notified latter.
9	Date of uploading of list of bidders along with their rates through (Online), also if necessary for further negotiation through offline for final rate.	To be notified latter.

12. The documents submitted by the bidders should be properly indexed & digitally signed.

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1. THE ABOVE STATED NON -STATUTORY /TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWING MANNER

Click the check boxes beside the necessary documents in the My Document list and then click the tab "Submit Non Statutory Documents ' to send the selected documents to Non-Statutory folder.

Next Click the tab "Click to Encrypt and upload" and then click the "Technical" Folder to upload the Technical Documents.

Sl. No.	Category Name	Sub-Category Description	Detail(s)
A	Certificate(s)	Certificate(s)	<ol style="list-style-type: none"> 1. GST Registration Certificate & Acknowledgement. 2. PAN. 3. P Tax (Challan) (Latest). 4. Latest IT Receipt.
B	Company Detail(s)	Company Detail -1	<ol style="list-style-type: none"> 1. Proprietorship Firm (<i>Trade License</i>) Section -B Form-II [Structure & Org.] 2. Partnership Firm (<i>Partnership Deed, Trade License</i>) 3. Ltd. Company (<i>Incorporation Certificate, Trade License</i>) 4. Society (<i>Society Registration Copy, Trade License</i>) 5. Power of Attorney, Memorandum of Association and Articles of Association of the Company.
C	Credential	Credential -1	<ol style="list-style-type: none"> 1. Similar nature of work done & completion certificate which is applicable for eligibility in this tender.
D	Financial Information	Profit & Loss A /c. and Balance Sheet for the financial year 2016 - 2017.	Profit & Loss A /c. and Balance Sheet (with Annexure and 3 CD form in case of Tax Audit)
		Profit & Loss A /c. and Balance Sheet for the financial year 2015 - 2016	Profit & Loss A /c. and Balance Sheet (with Annexure and 3 CD form in case of Tax Audit)
		Profit & Loss A /c. and Balance Sheet for the financial year 2014 - 2015.	Profit & Loss A /c. and Balance Sheet (with Annexure and 3 CD form in case of Tax Audit)
E	Man Power	Technical Personnel	List of Technical Staffs with Qualifications & Experience along with Structures & Organization.
F	Declaration-1	Technical Data	a) The prospective bidder must have the credential of

			<p>satisfactorily completion as a prime agency during the last 3 (three) years from the date of issue of this notice under authority of state / central Govt., state / central Govt. Undertaking / statutory bodies constituted under the statute of the state / central Govt.</p> <p>b) The prospective bidders must have valid upto date clearance of GST return (last receipt of challan) / Income Tax return / Professional Tax clearance certificate / P.T (Deposit Challan) / PAN Card / Voter ID Card for self identification and Income Tax acknowledgement receipt for latest assessment year</p> <p>c) The bidders who have been delisted of debarred by any government department shall not be eligible in any way.</p> <p>d) The prospective tenderer shall establish field testing laboratory equipped with requisite instruments and technical staff according to the requirements of works to be executed.</p>
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2. Tender Technical Committee:

Purchase committee of the college.

3. Opening of Technical Proposal:

Technical proposals will be opened by the Tender & Works Committee and his authorized representative electronically from the website using their Digital Signature Certificate (DSC).

4. Intending tenderers may remain present if they so desire.

5. Cover (folder) for Statutory Documents will be opened first and if found in order, cover (folder) for Non-Statutory Documents will be opened

6. Decrypted (transformed into readable formats) documents of the non-statutory cover will be downloaded & handed over to the Tender Evaluation Committee.

7. Pursuant to scrutiny & decision of the Tender & Works Committee the summary list of eligible tenderers & the serial number of work for which their proposal will be considered will be uploaded in the web portals .

8. During evaluation the committee may summon of the tenderers & seek clarification / information or original hard copy of any of the documents already submitted & if these are not produced within the stipulated time frame , their proposals will be liable for rejection.

Financial Proposal

9. The financial proposal should contain the following documents in one cover (folder) i.e. **Bill of Quantities (BOQ)**. The contractor is to quote the item rate online through computer in the space marked for quoting rate in the BOQ.

10. Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor.

11. Penalty for suppression / distortion of facts:

If any tenderer fails to produce the original hard copies of the documents (especially Completion Certificates and Audited Balance Sheets), or any other documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies, it may be treated as submission of false documents by the tenderer and action may be referred to the appropriate authority for prosecution as per relevant IT Act.

12. Rejection of Bid:

Tender Committee reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Principal's action.

13. Award of Contract

The Bidder whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter / Letter of Acceptance.

The notification of award will constitute the formation of the Contract.

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Sl. No	Item/ Specification	Make	Number of item
1	Multimeter – Display: 1999 (3 ½) Count , 15mm Backlit LCD Auto Power Off Over Load Protection of 500V DC/AC RMS DC Voltage: 0-200mV/2V/20V/200V/600V Accuracy: ±0.5% AC Voltage: 0-200V/600V Accuracy: ±1.2% DC Current: 0-2000µA/20mA/200mA/10A Accuracy: ±1.0% Resistance: 0-200/2K/20K/200K/2M.ohms Accuracy: ±1.0% Battery Test: 9V/1.5V With Diode Test, Continuity Test and Data Hold. Confirms to CE, CAT-III 600V, IEC 1010-1	INCO BEST Make	10
2	Digital Ammeter(DC), 200mA	INCOmake	10
3	Digital Ammeter(AC), 200mA	INCOmake	10
4	Digital Voltmeter(DC), 2V	INCO make	5
5	Digital Voltmeter(DC), 20V	INCO make	5
6	Digital Voltmeter(DC), 200V	INCO make	5
7	Digital Voltmeter(AC), 2volt	INCO make	5
8	Digital Voltmeter(AC), 20volt	INCO make	12
9	Digital Voltmeter(AC), 200volt	INCO make	3
10	Table Galvanometer 1 µA/div	INCO make	15
11	Table Galvanometer 2 µA/div	INCO make	10
12	Breadboard connecting wire		20 coils
13	DCC wire		5 kg
14	Breadboard		15pcs
15	Variable Power supply(DC), with digital meter 0-6volt/1amp	INCOmake	08
16	Variable Power supply(DC), with digital meter 0-12volt/1amp	INCO make	08
17	Variable Power supply(DC), with digital meter 0-24volt/1amp	INCO make	8
18	Variable Power supply(DC), with digital meter ±12volt/0.5Amp	INCO make	6
19	Variable Power supply(AC), with digital meter 0-6 volt/1amp	INCO make	8
20	Variable Power supply(AC), with digital meter 0-12 volt/1amp	INCO make	6

21	Function generator, a) 10Hz to 2MHz – 3Volt (P-P) Square/Sine/Triangular b) 0.3Hz to 3MHz – 10Volt (P-P) Sine, Square, Triangle, DC Free running, internal sweep or external frequency modulation, with or without DC offset, with mode and frequency display	SES Make Scientific Make	6
22	CRO, Analog, dual trace, 30 MHz Dual Channel, DC to 30 MHz, Invert facility in both Channels Vertical Deflection coefficients : 5 mV to 20 V/div. Time Base: 20 ns -0.2 s/ div; Variable Hold- Off; X10 Magnification Triggering: DC-60 MHz; Active TV Sync Sep.; Alternate triggering LED indication for stable triggering XY mode Z Modulation Saw tooth output (5 Vpp approx) Component Tester; 2 Level Calibrator	Scientific Make	4
23	PN junction diode		100pcs
24	CL100 and SL100 (npn and pnp) Transistors		(15+15)x2
25	Carbon Resistance (All possible combinations)		200 pcs for each value
26	IC 741(OpAmp)		15pcs
27	IC 7400(two input NAND)		15pcs
28	IC 7402(two input NOR)		15pcs
29	IC 7404(NOR)		15pcs
30	IC 7408(two input OR)		15pcs
31	IC 7432(two input AND)		15pcs
32	IC 7486(two input XOR)		15pcs
33	IC 747266(two input XNOR)		15pcs
34	IC CD4008(full adder)		15pcs
35	IC 7474 (flip-flop)		15pcs
36	IC 7473 (flip-flop)		15pcs
37	IC 7476 (flip-flop)		15pcs
38	555 timer		15pcs
39	8085 microprocessor		5pcs
40	8085 microprocessor trainer kit CPU : 8085 Operating @ 3.072 MHz MEMORY : 64KB MAX (32KB EPROM and 32KB RAM) Battery Backup option for RAM NOTE : The system is supplied with 16KB EPROM and 8KB RAM I/O PARALLEL 48 I/O lines using two 8255 I/O SERIAL One RS232 compatible interface TIMER Three 16 bit counter /timer using 8253 KEYBOARD: Consisting of 28 numbers of computer grade keys DISPLAY Six numbers of seven segment displays BUS SIGNALS: All Address, Data and Control signals are terminated in 50 pin berg stick for user expansion PIC PIC Optional facility for 8259. MONITOR	Dot Tech Make	2

	SOFTWARE: 16KB of powerful user friendly monitor software with keyboard and serial modes All the 8 interrupts are terminated in berg stick		
41	To determine the Coefficient of Thermal Conductivity of Cu by Searle's Method. The total setup complete with the flowing – a) Searle's Apparatus for Thermal Conductivity of Copper – b) Thermometers half degree. c) Thermometers 110°x1/10. d) Steam Boiler – 2liter Capacity e) Hot Plate – Round Type f) Stop Watch - Digital	INCO make	1
42	Determination of the boiling point of a liquid with a platinum resistance thermometer The total set up is complete with the following a) Meter Bridge – Teak wood b) Leclance cell – Electronics c) Rheostat –116 ohms/ 1.8Amp d) Platinum Resistance Thermometer e) P.O. Box – Plug Type 4 ratio – f) Table Galvanometer – Square Type 30-0-30 – Big Size with Stand – MR-100 g) Tapping Key – One Way h) Two Way Plug Key – i) Pohl's Commutator – j) Funnel -4inch k) Heating Mantle – 1liter capacity l) Flask for platinum thermometer– 1000ml capacity m) Stand & clamp for clamping the bottles – n) Aniline - 500ml o) Copper Boiler – 3liter capacity p) Connecting Wire – DCC Wire q) Rubber Tube – 8mm	INCO make	1
43	Rubber tube-8mm		50 feet
44	Electrobot Electrolytic Capacitor, (0.1, 0.22, 0.33, 0.47, 0.68, 1.0, 2.2, 3.3, 4.7, 6.8, 10, 22, 33, 47, 68, 100, 220, 330, 470, 680)µF, 50 volt		20 pcs for each value
45	Color code inductance, (0.39, 0.47, 0.56, 0.68, 0.82, 1.0, 1.5, 2.2, 3.3, 4.7)mH, 50 volt		10 pcs for each value
46	Power inductance, (1.0, 1.5, 2.2, 3.3, 4.7)mH, 50 volt		10 pc for each
47	Fixed wooden resistance box for Carey Foster Bridg, (1, 2 Ohm)		4 boxes for each value
48	Copper-Constantan thermocouple		4
49	To determine the Coefficient of Thermal Conductivity of Cu by Angstrom's Method.		1
50	To determine mechanical equivalent of heat, J, by Callender and Brane's constant flow method		1
51	DIGITAL GATE verifying trainer kit		2
52	Half subtractor , full subtractor ,full adder IC trainer kit		2
53	Logic circuit design IC BASED trainer kit		2
54	FLIP FLOP design circuit using IC traier kit		2
55	NOT GATE design using transaistor trainer kit		2

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