



भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद
Indian Institute of Information Technology, Allahabad
(A University Established under sec. 3 of UGC Act, 1956 vide Notification No. F. 9-4/99-U.3 Dated 4/08/2000 of Govt. of India)
(A Centre of Excellence in IT, Established by Govt. of India)
Deoghat, Jhalwa, ALLAHABAD- 211012 (U.P.) INDIA

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Enquiry Letter

Ref. No. : IIIT-A/ENQ/DR(E)/3996 / 2014
Date : 05th March 2014

To,

M/s.

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Sub. : Quotation for Supply of Electronics Lab Items.

Dear Sir,

Institute intends to purchase the "**Electronics Lab Items**" for which quotations are invited as per specification and details given in Enclosed **Annexure- I (Consumable) and Annexure-II (Non-consumable)**. You are requested to sent the quotation by courier/speed post and also by email with complete details of specifications, terms & conditions, warranty/guarantee etc **upto 20/03/2014 till 6:00 PM. Basic rate, taxes and freight charges etc. should be quoted separately.** F.O.R. destination at IIIT-A, Deoghat Jhalwa, Allahabad. Please indicate any promotional benefit offered for above product to the Educational Institution. The Institute is exempted from custom and excise duty in terms of notification No. 51/96-Customs dated 23/07/1996 and No. 10/97-Central Excise dated 01/03/1997 and is an University established under M.H.R.D. Govt. of India. Certificate to this if, required, shall be provided by the Institute. Quotation should be addressed to Director IIIT-A.

Note :

1. Preference will be given to the firm, if Manufacturer/ Sole distributor.
2. Quoted rate should be valid at least for 90 days.
3. Quality, if not, found according to our specification as annexed and standards supply will not be accepted.
4. Enquiry must be quoted in prescribed format.
5. Replacement Guarantee and Warranty as applicable should be clearly mentioned in quotation and documents may be furnish along with bill.
6. Payment will be made within fifteen days after supply and satisfactory report/installation from users end. **Since Institute ensures payment of bill within seven days of supply after report from users end. The advance payment is discouraged except in very exceptional cases.**
7. May feel free to contact on E-mail **dr.e@iiita.ac.in**, Ph. No. : 0532-2922051.
8. In view of wide publicity the details are also available on our web site (**www.iiita.ac.in**), may be seen.
9. Fax/E-mail address/contact no./Name of person to be contacted.
10. Kindly quote your Income Tax PAN No./TIN No., Service Tax Registration No. etc. mandatory on the quotation raised by you. If PAN No. not quoted, 20% Tax will be deducted at source.
11. The lowest rate will not be the basis of claim to get the order.
12. TDS @ 4% will be deducted at the time of payment as per letter no.-1240/P-7/TDS Deduction/ 13-14/Joint Commissioner (Karya Palak) Commercial tax Allahabad Division (B), Allahabad, Dated-17 October 2013.
13. If, the supply delayed beyond the stipulated time of completion of supply a suitable penalty of the total cost may be imposed at the discretion of the competent authority.
14. All disputes are subject to Jurisdiction of Allahabad courts.
15. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.
16. Director, Indian Institute of Information Technology, Allahabad will be the sole arbitrator of all the dispute and his decision will be binding on both the parties.
17. Director, Indian Institute of Information Technology, Allahabad reserves the right to alter/modify any or all conditions of this tender/enquiry.

(Dr. Seema Shah)
Deputy Registrar (E)

Copy to:

- Hon'ble Director for kind information.
- Dr. Asheesh Kumar, Deputy Registrar (M)

Requirement List for Electronics Lab (Consumable Items)

Annexure-I

RESISTORS-					
S.No.	Item Description	Make/Model	Qty.	Unit Rate in Rs.	Total Rs.
1.	0.25W, ±5%, Carbon film Resistor	Philips/Thermox/Vishay			
a)	91E,100E,150E,180E,1.2K,2.2K,2.2K,3.3K,4.7K,5.6K,7.5K,12K,15K,47K,51K,75K,91K	-	1000 Pcs. Each		
b)	220E,270E,330E,560E,680E,750E,33K	-	1500 Pcs. Each		
c)	470E,1K,10K,2.2K	-	2000 Pcs. Each		
2.	1W & 2W, +/- 5%, Carbon film Resistor	Philips/Thermox/Vishay	1000 Pcs. Each		
	91E,100E,150E,180E,220E,270E,330E,470E,680E,820E,1k,1.2k,2.2k,3.3k,4.7k,10k				
3.	Single Turn,16mm, PCB mountable, Lin Potentiometer	-	200 Pcs. Each		
	1K, 4.7K, 10K, 47K				
4.	10mm Square, Finger Adjust, Single-turn Trimming Potentiometer	-	200 Pcs. Each		
	100E, 200E, 500E, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 1M				
CAPACITORS -					
1.	50/63V, ±20%, Electrolytic Capacitor	Philips/Vishay/Keltron	1000 Pcs. Each		
	1μF, 6.8μF, 10μF, 22μF				
Digital ICs -					
1.	Digital IC	Philips/National/ST/Fairchild	25 Pcs. Each		
	ICM7207A, ICM7217, 74C925, 74C928				
	MC14553B, 74C915	Philips/National/ST/Fairchild	50 Pcs. Each		
2.	TTL, Digital IC	Philips/National/ST/Fairchild	200 Pcs. Each		
	74169,74104				
3.	TTL, Digital IC	Philips/National/ST/Fairchild	500 Pcs.		
	7432				
	7486	Philips/National/ST/Fairchild	1000 Pcs.		
4.	Microcontroller				
	ATmega32	Atmel	20 Pcs.		

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ANALOG ICs -

1.	ICL7109CPL, ICM7226B	-	25 Pcs. Each		
2.	INA102, TSL230, LM381	-	50 Pcs. Each		
3.	Op-amp IC - LM358	-	100 Pcs. Each		
4.	LF398, L293D, LM386	-	50 Pcs.		
5.	Voltage Regulator IC L78S05CV, LM317T Adjustable Voltage Regulator (Output Adjustable Between 1. 2V and 37V), 7812, 7905, 7912	-	100 Pcs. Each		

DIODES & TRANSISTORS -

1.	Diode 1N4007	MIC	1500 Pcs. Each		
2.	Transistor BC547B, BC548	Philips	1500 Pcs. Each		
3.	Transistor BC557	Philips	500 Pcs.		

PHOTO DEVICES -

1.	IR Emitter LD242	Siemens	50 Pcs.		
2.	5mm Round, Light Emitting Diode LED Red, Green, orange, yellow	-	500 Pcs. each		
3.	10mm Round, Light Emitting Diode LED White, Blue	-	200 Pcs. each		
4.	0.5 Inch, Common Anode 7-Segment Green Display	-	300 Pcs.		
5.	0.5 Inch, Alpha numeric display Green	-	300 Pcs.		
6.	Phototransistor- TIL78	-	300 Pcs.		
7.	IR Transmitter & Receiver (matched Pair)	-	200 Pcs.		
8.	CNY70	-	50 Pcs.		

CONNECTORS & CABLES -

1.	ST, 6mm, Single Row, 0.1" Pitch BERG STRIP Pin Header 40 Pin	-	500 Pcs.		
2.	Low Profile, 0.1" Pitch, IC Socket 40-Pin	-	300 Pcs.		
3.	0.1" Pitch female header, Single row, straight with round pin 40-Pin	-	300 Pcs.		
4.	Thumb Type Insulated crocodile clip (Red + Black) (Size: length 50mm, jaws open 11. 3mm.)	-	200 Pcs each		
5.	BNC to Crocodile Cable	-	300 Pcs.		

OTHER COMPONENTS -

S.No.	Item Description	Make/Model	Qty.	Unit Rate in Rs.	Total Rs.
1.	2-Positions Slide (Ralsed Actuator), 2-Positions Rocker, 2-Positions Piano (RalsedActuator), 3-Positions Slide (Ralsed Actuator), 3-Positions Rocker, 3-Positions Piano(Ralsed Actuator)	-	100 Pcs. Each		
2.	6-Pin PCB Type, Push Switch Monax(MX)-326, Monax(MX)-327	Monax/MX	50 Pcs. Each		
3.	PCB Type, Rotary Switch 3-Pole 4-Way, 2-Pole 6-Way, 4-Pole 3-Way, 1-Pole 12-Way	-	25 Pcs. Each		
4.	Tilt Switch- R511L		50 Pcs.		
5.	PCB Type, SPDT 2A-250V Relay 6V, 12V	OEN	50 Pcs. Each		
6.	Buzzer PCB Mount Buzzer 5-12V, Piezo Buzzer	-	50 Pcs. Each		
7.	Wire Stripper	Multitec	200 Pcs		
8.	Component Cutter	Multitec	200 Pcs.		
9.	Solder Wire 22 SWG	BOND	20 Kg		
10.	Soldering Iron 25W	Soldron	100 Pcs.		
11.	Micro Soldering Iron 15W	Soldron	10 Pcs.		
12.	Soldering Iron Bits 25w Nickel Coated 3mm Bit	Soldron	500 Pcs		
13.	Ferric Chloride for PCB Fabrication Lab	-	10 Kg		
14.	LPR E-1020 Photo resist, LPR Thinner	-	5liter Each		
15.	LPR Developer, LPR Dye Blue	-	15 Litre Each		
16.	BNC Connector crimp Teflon type RJ58 Cable MX527	MAX	200 Pcs.		
17.	Diac- DB3 C502, BR100	-	200 Pcs. each		
18.	Triac- BTA16(16amp./600v), BT139(16amp./ 800v),BT136	-	200 Pcs. each		
19.	SCR- BT152, TYN12M, TYN604 (4A/600v), BY127,TN12,TS12,TYN612(12amp.)	-	200 Pcs. each		
20.	Mosfet- IRF520, Z-44, IRF740,BUZ11,BUZ11A	-	200 Pcs. each		
21.	Thermistor- 1k,10k,100k	-	100 Pcs. each		
22.	Thyristor- BT152(13amp./500v)	-	200Pcs.		
23.	Diode- BYW81P(35amp.)	-	200Pcs.		
24.	IGBT IRGBC-20S	-	200Pcs.		
25.	Toner Transfer Paper A4 size	-	1000Pcs.		

Annexure-II

Requirement List for Electronics Lab (Non- consumable Items)

S.No.	Item Description	Qty.	Unit Rate in Rs.	Total Rs.
1.	Digital Multimeter- SPECIFICATION- Make/Model : MASTECH or equivalent Type: Lab Equipment Power Type and Voltage: Dry Batteries/9 Volt Loudspeaker Power Output- Sound reproduction output Shape- Very Small Portable or Pocket- Set (Handheld) Note- Five DC voltage sections 200 mV, 2000 mV, 20V, 200V and 1000V; two AC voltage sections 200 V and 700 V; for DC current sections 200µA, 2mA, 20mA and 200 mA; five resistance sections 200 Ohm, 2000 Ohm, 20 kOhm, 200 kOhm and 2000 kOhm; separate 10 ADC section input; HFE transistor NPN/PNP from 1 to 1000; diodecheck, test current 0.8A, test voltage 3V; manual OFF switch; battery type 6F22 (9V)X1, power supply.	100		

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