



ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY AWANTIPORA, KASHMIR

SHORT TERM RE-TENDER NOTICE

For and on behalf of Vice Chancellor Islamic University of Science and Technology (IUST), Awantipora, sealed tenders affixed with revenue stamp of Rs. 5/- in two bid system are invited from the reputed manufacturers/authorized dealers for supply, installation and testing of various laboratory/scientific equipments as mentioned in the Annexure–A (I & II) of this tender for the Department of Computer Science & Engineering. The detailed tender document can be obtained from the office of **Procurement & Stores** or can be downloaded from the University website: www.islamicuniversity.edu.in against DD of **Rs. 500/-** (non refundable) favouring Islamic University of Science and Technology, Awantipora Pulwama (J&K) as cost of the tender document and to be submitted by or before 23-03-2018 (02.00 pm). Terms and Conditions apply.

Sd/-
Member Secretary
(Central Purchase Committee)

No.IUST/Reg/P&S/Tender/18/211

Dated: - 14-03-2018

GENERAL TERMS & CONDITIONS

The Bidders are expected to go through all instructions, terms & condition as specified in the bidding document. Failure to furnish complete required information or submission of a bid with incomplete information may result in rejection of the bid.

1. The tender duly completed and signed shall be submitted in a two sealed envelopes. Envelope A (Technical Bid) and Envelope B (Financial Bid).
2. The Technical Bid (Envelope- A) would be opened first and the tenders found eligible will go for opening of Financial Bid (Envelope-B) on the same day or the day as decided by the CPC. The Financial Bid (Envelope-B) of in-eligible bidders will not be opened.
3. The supply, transportation etc. of the items will be sole responsibility and at the risk of the firm till the acceptance by the University.
4. All the items and other accessories supplies made under this tender notice will be inspected by a Committee specially constituted for the purpose and in case the Committee is of the opinion that the supplies are not of the required specifications, the supplies shall be rejected and responsibility of lifting back the supplies will devolve on the supplier. Besides, in such event, the EMD shall stand forfeited and the extra cost incurred in arranging the supply from the alternative sources shall also be recovered from the defaulting supplier apart from initiating the proceedings for blacklisting.
5. The University reserves the right to reject or accept any Proposal without assigning any reason or cancel or withdraw the tender. The University reserves the right to relax any condition enumerated or arising out of this tender, without assigning any reason/s thereof. If the supply of the required items are not affected before the specified period, the University shall have the authority to cancel the order or to take any action deemed fit in the circumstances.
6. The EMD may be forfeited:
 - (a) If a Bidder withdraws its bid during the period of bid validity.
 - (b) If at any stage it is proven that the information given by the bidder is incorrect.
 - (c) In case of a successful Bidder, if the Bidder fails:
 - to execute the supply within the stipulated time.
 - if the items are not as per the specifications.
7. The University may, for any reason, whether suo-moto or in response to a clarification requested by a prospective bidder, modify the bidding documents by an amendment, any time prior to the last date for submission of bids.
8. Tenders received after due date, improperly sealed, or with incomplete marking or with overwriting/corrections are liable to be rejected.
9. During evaluation of bids, the University may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

I/We hereby declare that the information furnished in the tender is true and correct and also I/We have gone through the terms and conditions stipulated in the Tender Document and confirm to abide by the same. In case the information provided is found incorrect at any stage, the University may take appropriate action as warranted.

Name and sign of the authorized person of the firm along with seal

Place:

Date:

TENDER DOCUMENT

(Envelope- A (Technical Bid) It should contain the following:

- a. Authorization /dealership/manufacturer certificate.
- b. GST Registration.
- c. Technical specification/ literature for the goods/equipment **Annexure-B.**
- d. Bidders Profile **Annexure-C.**
- e. Warranty Certificate **Annexure-E.**
- f. Bid security @ 2% in the shape of FDR of any nationalised Bank drawn in favour of “Islamic University of Science and Technology”, payable at Awantipora, Pulwama (J&K) and tender document fee Rs. 500/- (non refundable) in the form of DD, in favour of Islamic University of Science &Technology.
- g. Certificate of service support after sale wherever necessary.
- h. Proof of legal status.

(Envelope-B (Financial Bid) It should contain the following:

- a. Bid prices shall be in Indian Rupees (**Annexure-D**).
- b. The rates shall be quoted FOR IUST Stores, Awantipora including transportation, installation/commissioning/fixing excluding GST.
- c. Bid price should be without over writing; however minor over writing should be clearly signed by the bidder. In case of any discrepancy between price quoted in figures and words, the price quoted in words shall be accepted.
- d. The rates should be covered with transparent tape.

Validity of Bids

- a. Bids shall remain valid at least for 90 days from the date of opening.

Evolution of Bids

- a. IUST shall evaluate and compare the bids which are found substantially Responsive. i.e which are
 - (i) Properly signed.
 - (ii) Conform to terms and conditions and technical specifications.
 - (iii) Accompanied with Bid security and all other documents.
 - (iv) Bids shall be evaluated separately for each item.

Award of contract

- a. Contract shall be awarded to the bidder whose bid is commercially, technically responsive and offered at lowest evaluated price.
- b. Successful bidder shall be informed about the award of the contract where in terms and conditions of supply shall be incorporated.

Payment

- a. 100% payment shall be made against delivery of items, successful verification/inspection of items by the University Verification Committee.

Warranty

- a. All items shall carry comprehensive standard warranty of one year (Annexure-E).

Settlement of disputes

- a. Settlement of any dispute will be made under the jurisdiction of Srinagar court only.

Submission of Bids

- (a) The tender duly completed and signed shall be submitted in sealed envelopes. The two envelopes Envelope A (Technical Bid) and Envelope B (Financial Bid) should be kept in separate one envelope. The sealed cover upper-scribed "**Tender for supply of Lab items/consumables for the Department of Computer Science & Engineering**" shall be addressed to the **Member Secretary Central Purchase Committee** Islamic University of Science and Technology, Awantipora Pulwama and shall be submitted on or before 23-03-2018 02.00 pm.

Bid opening

- (a) The Technical Bid (Envelope- A) would be opened first and the tenders found eligible will go for opening of Financial Bid (Envelope-B) on the same day or the day as decided by the CPC. The Financial Bid (Envelope-B) of in-eligible bidders will not be opened.
- (b) Interested bidders can attend the bid opening occasion.

ANNEXURE-A (Schedule of Specifications) (II)

S. No	Item description	Qty	Delivery period
1	24C04 512x8(4k) Serial CMOS	3	45 DAYS
2	34063 DC to DC Converter	3	
3	74HC02 Quad 2-input NOR Gate	6	
4	74HC04 Hex Inverter	6	
5	74HC164 - 8-Bit Serial-in/Parallel-out Shift Register	6	
6	ADC0804 - 8-bit A/D Converter	4	
7	ADC0809CCN - 8-bit A/D Converter	4	
8	AT89C2051 - 8 bit Microcontroller	12	
9	Atmega168A - 20PU Microcontroller	6	
10	ATTINY85-20PU : 8-Pin 20MHz 8kb 8-bit Microcontroller	6	
11	BA10358 - Op Amps DUAL LOW POWER 32V	5	
12	CA3130 CMOS Operational Amplifier	5	
13	LF351 BiFET Op-Amp (JFET input op-amp)	5	
14	LM380N - 2-Watt Audio Power Amplifier	3	
15	LM386 - Low Voltage Power Amplifier	3	
16	NE555/LM555 - Timer IC	6	
17	PIC12F508 Microcontroller	3	
18	PIC16F77 - Flash 8kbyte 8MHz Microcontroller	3	
19	PIC16F877A - Flash 8kbyte 4MHz Microcontroller	3	
20	24C32 4kx8(32k) Serial CMOS	4	
21	74LS00 - Quad 2-input NAND Gate	4	
22	74S02 / 74F02 - Quad 2-input NOR Gate	4	
23	ADC0808CCN - 8-bit A/D Converter	4	
24	AT89C4051 - 8 bit Microcontroller	8	
25	Atmega16 Microcontroller	8	
26	Atmega48PA - PU Microcontroller	4	
27	Atmega8A-8PU Microcontroller	4	
28	Atmega8L-8PU Microcontroller	4	

29	BA4560 -Dual High Slew Op-Amp	5
30	CA3140 BiMOS Operational Amplifier	5
31	CD4001 - Quad 2 Input NOR Gate	4
32	DAC0800 - 8-bit D/A Converter	4
33	L293D - H-Bridge Motor Driver	8
34	L298N - Dual full-Bridge motor Driver	4
35	LF356 JFET input op-amp	4
36	LM2575T-5 - Step-Down 5V Regulator	4
37	LM2576T-5 - Step-Down 5V Regulator	4
38	LM2596T-5 - 3A - 5V step down regulator	4
39	LM2596T-ADJ - Simple Switcher Power Convertor	4
40	LM324 - Low Power Quad Op-Amp	4
41	LM337 1.5A Adjustable Negative Regulator	5
42	LM338 5A Adjustable Positive Regulator	4
43	LM339 - Low Power Quad Comparator	4
44	LM556 - Dual Timer	4
45	LM7805-5V Positive Regulator	12
46	LM78L05-5V 100mA Positive Regulator	4
47	LM78L09-9V 100mA Positive Regulator	4
48	LM7905 - 5V 1A Negative Regulator	4
49	LM7912 - 12V 1A Negative Regulator	12
50	PIC12F629 Microcontroller	4
51	PIC12F675 Microcontroller	4
52	PIC16F505 Microcontroller	4
53	PIC16F628A Microcontroller	4
54	PIC16F876A 28-pin Flash 8kbyte 20MHz Microcontroller	2
55	TDA2002V 8-Watt Audio High Power Amplifier	2
56	TDA2030 18W Hi-Fi Audio Amplifier	2
57	TDA7294 100V 100W DMOS Audio Amplifier	2
58	VIPer22A - SMPS 20W SMART	5
59	24LC512 - 512 Kbit CMOS Serial EEPROM	5
60	74LS04 - Hex Inverter	12
61	AT89C51 - 8 bit Microcontroller	10
62	AT89S51 40-Pin 24MHz 4kb 8-bit Microcontroller	10
63	Atmega16L Microcontroller	5
64	Atmega328P - PU Microcontroller	5

65	CD4011 - Quad 2-Input NAND Gate	8
66	DAC0808 - 8-bit D/A Converter	8
67	FT232RL - USB to Serial UART IC	5
68	JRC4558 / LM4558 - Dual high Gain Operational Amplifier	5
69	LM358 - Low Power Dual Op-Amp	5
70	LM3909 - LED Flasher/Oscillator	5
71	LM393 -Low Power Low Offset Voltage Dual Comparator	10
72	LM7812-12V Positive Regulator	10
73	LM8560 - Digital Alarm Clock	10
74	MAX232 - Dual Driver/Receiver	10
75	MAX232DR - Multichannel RS232 Transceivers	10
76	62256 - 32Kx8 bit CMOS Static RAM	5
77	74LS06 - Hex Inverter/Buffer	10
78	AT89C52 - 8 bit Microcontroller	10
79	AT89S52 40-Pin 24MHz 8kb 8-bit Microcontroller	10
80	Atmega32A - PU Microcontroller	5
81	CD4016 - Quad Bilateral Switch	5
82	LM741 - General Purpose Op-Amp	5
83	LM7806-6V Positive Regulator	5
84	LM7808-8V Positive Regulator	10
85	MCT2E - Optocoupler	5
86	MOC3083 : 6 Pin Zero-Cross TriacOptolsolator	5
87	NE5532 - DUAL LOW-NOISE OP AMP	5
88	PC817 - High Density Photocoupler	5
89	PIC16F84A Microcontroller	5
90	UC3842 -Current Mode PWM Controller	5
91	UC3843 -Current Mode PWM Controller	5
92	74LS10 Triple 3-Input NAND Gates	5
93	AT24C512C-SSHD-B - EEPROM, SERIAL, 512K (64KX8), 8SOIC	5
94	CD4027 - Dual J-K Flip-Flop with set and clear	5
95	CD4071 - Quad 2-Input OR Gate	5
96	LM3914 - Dot/Bar Display Driver	5
97	LM3915 - Dot/Bar Display Driver	5
98	LM7809-9V Positive Regulator	10

99	LM7815-15V 1A Positive Regulator	5
100	P89V51RD2 - 40MHz Microcontroller 8-bit	5
101	PIC16F688 Flash 4kbyte 8MHz Microcontroller with ADC and USART	5
102	PIC16F873A Microcontroller	5
103	TL072 - Low Noise Dual JFET Op-Amp	5
104	BT66 / UM66 Musical IC	10
105	CD4072 - Dual 4-Input OR Gate	10
106	DS1307 Real Time Clock	10
107	HT12E + HT12D [Encoder/Decoder] IC Pairs (8-bit Address/4-bit Data)	10
108	MAX485 - RS485/RS422 Transceivers	10
109	PIC16F676 Flash 14-pin 1kB Microcontroller with ADC	10
110	PIC16F88 Microcontroller	10
111	PIC18F252 Flash 28-pin 32kB 40MHz Microcontroller	10
112	PIC18F4520 Flash 40-pin 32kB Microcontroller	10
113	PIC18F4550 Flash 40-pin 32kB Microcontroller	10
114	PIC18F4620 Flash 40-pin 64kB Microcontroller	10
115	UM3561 Three siren sound generator	5
116	CD4073 - Triple 3-Input AND Gate	5
117	ICL7107 - 3+1/2 Digit LED Driver with A/D	5
118	ULN2003 Hi-Voltage/Current Darlington Transistor Array	5
119	ULN2004 Hi-Voltage/Current Darlington Transistor Array	5
120	ULN2803A Hi-Voltage/Current Darlington Transistor Array	5
121	74LS109 – Dual J-K Positive-edge-triggered Flip-Flops	10
122	74LS90 – Decade Counter / Binary Counter	10
123	74LS95 4-bit Parallel-access Shift Register	10
124	CD4082 - Dual 4 Input AND Gate	20
125	ISL1220IUZ - IC, SM, RTC, LOW POWER, 8 BYTES SRAM	4
126	7493 - 4-bit Binary Counter	5
127	74HC194 4-bit Bi-directional Shift Register	5

128	74LS138 - 1-of-8 Decoder De-Multiplexer	5
129	74LS147 10 to 4 Priority Encoder	5
130	74LS154 - 4-Line to 16-Line Decoder/Demultiplexer	5
131	74LS164 8-bit Serial Shift Register	5
132	74LS192 Decade Up/Down Counter with Clear	5
133	74LS193 Binary Up/Down Counter with Clear	5
134	74LS194 4-bit Bi-directional Shift Register	5
135	74LS27 Triple 3-input NOR Gate	10
136	74LS32 Quad 2-input OR Gate	10
137	74LS47 BCD to 7-segment Decoder/Driver	10
138	74LS76 Dual JK Flip-Flop with Set and Clear	10
139	CD4007 - Dual Complementary Pair with Inverter	6
140	74F139 2 to 4 Decoder/Demultiplexer	6
141	74HC4060 - 14-Stage Binary Counter	6
142	74HC4514 - 4-to-16 line Decoder/Demultiplexer	6
143	74HC573 - Octal D-type transparent latch	6
144	74HC595 - 8-bit Serial-to-Parallel Shift Register	6
145	74HC85 - 4-bit Magnitude Comparator	5
146	74HC86 Quad EXCLUSIVE-OR Gate	6
147	74HC93 - 4-bit Binary Counter	4
148	74LS153 - Dual 4-to-1 Multiplexer	5
149	74LS20 Dual 4-input NAND Gate	20
150	74LS244 Octal Driver Tri-State	5
151	74LS74 Dual JK Flip-Flop	10
152	CD40106 - Hex Inverter Schmitt Trigger	10
153	PIC16F72 Flash 28-pin 2kB Microcontroller with A/D	5
154	PIC16F886 Flash 28-pin 20MHz 14kB Microcontroller	5
155	TNY280PN - AC/DC Switching Converters	5
156	74HC541 Octal Buffer/Line Driver Tri-State	10
157	CD4081 - Quad 2-Input AND Gate	20
158	CD4093 - Quad 2-Input NAND Schmitt Trigger	20
159	SG3524 Regulating Pulse Width Modulator	5
160	TNY268PN - TinySwitch-II	5

161	CD4511 - BCD to 7-segment Latch/Decoder/Driver	5
162	CD4013 - Dual D-type Flip-Flops with Set/Reset	5
163	CD4020 - 14-Stage Binary/Ripple Counter	5
164	CD4066 - Quad Bilateral Switch	5
165	CD4017 - Decade Counter/Divider	5
166	CD4017 -(SMD/SMT) Decade Counter/Divider	5
167	CD4022 - Divide by 8(Octal) Counter/Divider	5
168	CD4026 Decade Counters/Dividers	5
169	CD4029 - Binary-Decade Up-Down Counter	5
170	CD4046 - Micropower Phase-Locked Loop	5
171	CD4047 - Monostable/astableMultivibrator	5
172	CD4049 Hex/Buffer/Converter	5
173	CD4050 - Hex/Buffer/Converter	5
174	CD4051 - Single 8-channel Multiplexer/Demultiplexer	5
175	CD4052 - Differential 4-channel Multiplexer/Demultiplexer	5
176	CD4053 - Triple 2-channel Multiplexer/Demultiplexer	5
177	CD4060 - 14-stage Ripple-Carry Binary Counter	5
178	CD4069 - Hex Inverter (Hex Buffer)	10
179	CD4099 - 8-Bit Addressable Latch	5
180	CD4518- Dual BCD Up Counter	5
181	CD4009 - Hex Buffer	10
182	CD4028 BCD-to-Decimal Decoder	5
183	CD4033 Decade Counter	5
184	DIP IC Socket 6 Pin	10
185	DIP IC Socket 8 Pin	10
186	DIP IC Socket 14 Pin	10
187	DIP IC Socket 16 Pin	10
188	DIP IC Socket 18 Pin	10
189	DIP IC Socket 20 Pin	10
190	DIP IC Socket 24 Pin	10
191	DIP IC Socket 28 Pin	10
192	DIP IC Socket wide 24 Pin	10
193	DIP IC Socket wide 28 Pin	10

194	DIP IC Socket wide 40 Pin	10
195	0 ohm 1/4 Watt Resistor	20
196	1.2K ohm 1/4 Watt Resistor	20
197	1.8K ohm 1/4 Watt Resistor	20
198	1.5K ohm 1/4 Watt Resistor	20
199	1.8K ohm 1/4 Watt Resistor	20
200	10 ohm 1/4 Watt Resistor	20
201	100 ohm 1/4 Watt Resistor	20
202	100K ohm 1/4 Watt Resistor	20
203	10K ohm 1/4 Watt Resistor	20
204	10M ohm 1/4 Watt Resistor	20
205	15 ohm 1/4 Watt Resistor	20
206	150 ohm 1/4 Watt Resistor	20
207	150K ohm 1/4 Watt Resistor	20
208	15K ohm 1/4 Watt Resistor	20
209	180 ohm 1/4 Watt Resistor	20
210	180K ohm 1/4 Watt Resistor	20
211	18K ohm 1/4 Watt Resistor	20
212	1K ohm 1/4 Watt Resistor	20
213	1M ohm 1/4 Watt Resistor	20
214	2.2 ohm 1/4 Watt Resistor	20
215	2.2K ohm 1/4 Watt Resistor	20
216	2.2M ohm 1/4 Watt Resistor	20
217	2.7K ohm 1/4 Watt Resistor	20
218	22 ohm 1/4 Watt Resistor	20
219	220 ohm 1/4 Watt Resistor	20
220	22K ohm 1/4 Watt Resistor	20
221	270K ohm 1/4 Watt Resistor	20
222	27K ohm 1/4 Watt Resistor	20
223	3.3 ohm 1/4 Watt Resistor	20
224	3.3K ohm 1/4 Watt Resistor	20
225	3.3M ohm 1/4 Watt Resistor	20
226	3.9 ohm 1/4 Watt Resistor	20
227	33 ohm 1/4 Watt Resistor	20
228	330 ohm 1/4 Watt Resistor	20
229	330K ohm 1/4 Watt Resistor	20
230	33L ohm 1/4 Watt Resistor	20

231	39 ohm 1/4 Watt Resistor	20
232	390 ohm 1/4 Watt Resistor	20
233	390K ohm 1/4 Watt Resistor	20
234	39K ohm 1/4 Watt Resistor	20
235	4.7 ohm 1/4 Watt Resistor	20
236	4.7K ohm 1/4 Watt Resistor	20
237	4.7M ohm 1/4 Watt Resistor	20
238	47 ohm 1/4 Watt Resistor	20
239	470 ohm 1/4 Watt Resistor	20
240	470K ohm 1/4 Watt Resistor	20
241	47K ohm 1/4 Watt Resistor	20
242	5.1K ohm 1/4 Watt Resistor	20
243	5.6 ohm 1/4 Watt Resistor	20
424	5.6K ohm 1/4 Watt Resistor	20
245	51 ohm 1/4 Watt Resistor	20
246	51K ohm 1/4 Watt Resistor	20
247	56 ohm 1/4 Watt Resistor	20
248	560 ohm 1/4 Watt Resistor	20
249	560K ohm 1/4 Watt Resistor	20
250	6.2K ohm 1/4 Watt Resistor	20
251	6.8 ohm 1/4 Watt Resistor	20
252	6.8K ohm 1/4 Watt Resistor	20
253	68 ohm 1/4 Watt Resistor	20
254	680 ohm 1/4 Watt Resistor	20
255	680K ohm 1/4 Watt Resistor	20
256	68K ohm 1/4 Watt Resistor	20
257	8.2K ohm 1/4 Watt Resistor	20
258	82 ohm 1/4 Watt Resistor	20
259	820 ohm 1/4 Watt Resistor	20
260	82K ohm 1/4 Watt Resistor	20
261	PRESET 100K OHM Variable resistor	10
262	PRESET 100K OHM Variable resistor	10
263	PRESET 1K OHM Variable resistor	10
264	PRESET 220 OHM Variable resistor	10
265	PRESET 220kK OHM Variable resistor	10
266	PRESET 4.7K OHM Variable resistor	10
267	PRESET 1M OHM Variable resistor	10

268	PRESET 50K OHM Variable resistor	10
269	PRESET 20K OHM Variable resistor	10
270	PRESET 10K OHM Variable resistor	10
271	PRESET 50K OHM Variable resistor	10
272	PRESET 5K OHM Variable resistor	10
273	100 OHM 5 Watt Wire Wound Resistor	5
274	10K OHM 5 Watt Wire Wound Resistor	5
275	10 OHM 5 Watt Wire Wound Resistor	5
276	1K OHM 5 Watt Wire Wound Resistor	5
277	1 OHM 5 Watt Wire Wound Resistor	5
278	22 OHM 5 Watt Wire Wound Resistor	5
279	220 OHM 5 Watt Wire Wound Resistor	5
280	75 OHM 5 Watt Wire Wound Resistor	5
281	0.22 OHM 5 Watt Wire Wound Resistor	5
282	0.33 OHM 5 Watt Wire Wound Resistor	5
283	220 OHM 5 Watt Wire Wound Resistor	5
284	100 K POTENTIOMETER	10
285	10 K POTENTIOMETER	10
286	1 K POTENTIOMETER	10
287	22 K POTENTIOMETER	10
288	4.7 K POTENTIOMETER	10
289	1 M POTENTIOMETER	6
290	1N4001 Diode	10
291	1N4004 Diode	10
292	1N4007 Diode	10
293	3.3V ZENER DIODE 500mW	10
294	1N4148 Diode	10
295	4.7V Zener Diode 500mW	10
296	BT136 4A 500V TRIAC	5
297	BT139 16A 800V TRIAC	5
298	BTA12 12A 600V TRIAC	5
299	MAC97A 0.8A 600V TRIAC	5
300	1N34 Germanium Diode	10
301	1N5406 Diode	10
302	1N34 Germanium Diode	10
303	1N5406 Diode	10
304	1N5408 Diode	10

305	1N60 Germanium Diode	10
306	2W08M 800V 2A Full Wave Bridge Rectifier	5
307	5.1V Zener Diode - 500mW	10
308	BTA06 6A 600V TRIAC	5
309	W04M 400V 1A Full Wave Bridge Rectifier	5
310	5.6V Zener Diode - 500mW	10
311	BY127 Diode	10
312	BYV27-200 Fast Recovery Diode	10
313	FR107 Fast Recovery Diode	10
314	UF4007 -1000V/1A - Fast Recovery	5
315	UF5404 400V 3A Ultra-Fast Recovery Diode	5
316	UF5408 1000V 3A Ultra-Fast Recovery Diode	5
317	6.2V Zener Diode - 500mW	10
318	1N5822 Schottky Barrier Diode	10
319	6.8V Zener Diode - 250mW	10
320	8.2V Zener Diode - 500mW	10
321	7.5V Zener Diode - 250mW	10
322	10V Zener Diode - 500mW	10
323	12V Zener Diode - 500mW	10
324	15V Zener Diode - 500mW	10
325	18V Zener Diode - 500mW	10
326	19V Zener Diode - 500mW	10
327	27V Zener Diode - 500mW	10
328	2N2369 NPN switching transistor	10
329	2N2222 NPN switching transistors	10
330	2N2222 NPN switching transistors (Metal transistor)	10
331	2N3055 NPN Power Transistor	5
332	2N3904 NPN General Purpose Transistor	5
333	2N3906 PNP General Purpose Transistor	5
334	BC157	5
335	IRF540N - IRF540 N-Channel MOSFET Transistor	5
336	BC1079 Transistor	4
337	BC187 Transistor	5
338	BC337 Transistor	5
339	BC338 Transistor	5
340	BC546 Transistor	5

341	BC640 Transistor	5
342	BC547 Transistor	10
343	SK100	5
344	SL100	5
345	BC148 Transistor	5
346	BC548 Transistor	5
347	2N2907 Transistor	5
348	2N5401 Transistor	5
349	2N5551 Transistor	5
350	BF199	5
351	MJ15003 Transistor	5
352	MJ15004 Transistor	5
353	MJ15032 Transistor	5
354	MJ15033 Transistor	5
355	BC549 Transistor	8
356	BS107 Transistor	5
357	2N7000 Transistor	5
358	IRLB8748 Power MOSFET transistor	10
359	MJE2955 - Power Transistors	5
360	MJE3055 NPN Power Transistor	5
361	TIP2955 - Power Transistors	5
362	TIP31 - NPN Power Transistor	5
363	TIP32 - NPN Power Transistor	5
364	TIP41 - NPN Power Transistor	5
365	TIP42 - PNP Power Transistor	5
366	10,000uF/50V Radial Electrolytic Capacitor	10
367	1000uF/50V Radial Electrolytic Capacitor	10
368	100uF/50V Radial Electrolytic Capacitor	10
369	10uF/50V Radial Electrolytic Capacitor	10
370	1uF/450V Radial Electrolytic Capacitor	10
371	2200uF/25V Radial Electrolytic Capacitor	20
372	33uF/25V Radial Electrolytic Capacitor	10
373	330uF/25V Radial Electrolytic Capacitor	10
374	4.7uF/63V Radial Electrolytic Capacitor	10
375	4700uF/25V Radial Electrolytic Capacitor	10
376	47uF/25V Radial Electrolytic Capacitor	10

377	2.2uF/63V Radial Electrolytic Capacitor	10
378	220uF/25V Radial Electrolytic Capacitor	10
379	3300uF/25V Radial Electrolytic Capacitor	6
380	03pf ~ 18pf Trimmer Capacitor (variable capacitor)	10
381	0.001uf Capacitor ceramic	20
382	0.01uf Capacitor ceramic	20
383	0.1uf Capacitor ceramic	20
384	10pf Capacitor	20
385	1pf Capacitor	20
386	5.6pf Capacitor	20
387	18pf Capacitor	20
388	0.022uf Capacitor	20
389	22pf Capacitor	20
390	0.047uf Capacitor	20
391	15pf Capacitor	20
392	220nf Capacitor	20
393	27pf Capacitor	20
394	33pf Capacitor	20
395	47pf Capacitor	20
396	100pf Capacitor	20
397	2.2pf ~ 5.6pf Trimmer Capacitor (variable capacitor)	20
398	150pf Capacitor	20
399	0.22uf/35V Tantalum Capacitor	10
400	22uf/16V Tantalum Capacitor	10
401	1uf/35V Tantalum Capacitor	10
402	10uf/35V Tantalum Capacitor	10
403	0.1uf/35V Tantalum Capacitor	10
404	6.8nf/1600V Myler Capacitor	10
405	1nf/100V Myler Capacitor	10
406	1uf/63V Myler Capacitor	10
407	1.2nf/100V Myler Capacitor	10
408	1.5nf/100V Myler Capacitor	10
409	1.8nf/100V Myler Capacitor	10
410	2.2nf/100V Myler Capacitor	10
411	0.01uf/400V Myler Capacitor	10

412	0.1uf/400V Myler Capacitor	10
413	1uf/400V Myler Capacitor	10
414	0.68/400V Myler Capacitor	10
415	0.56uf/100V Myler Capacitor	10
416	0.47uf/100V Myler Capacitor	10
417	220nf/400V Myler Capacitor	10
418	33nf/630V Myler Capacitor	10
419	220nf/100V Box Capacitor - Polyester	10
420	680nf/100V Box Capacitor - Polyester	10
421	10nf/100V Box Capacitor - Polyester	10
422	100nf/100V Box Capacitor - Polyester	10
423	47nf/100V Box Capacitor - Polyester	10
424	22nf/100V Box Capacitor - Polyester	10
425	680nf/1600V Box Capacitor - Polyester	10
426	0.41uf/440V Box Capacitor - Polyester	10
427	3.20Mhz Crystal	10
428	3.2768Mhz Crystal	10
429	3.579Mhz Crystal	10
430	4Mhz Crystal	10
431	4.91Mhz Crystal	10
432	6Mhz Crystal	10
433	7.3728Mhz Crystal	10
434	8Mhz Crystal	10
435	12Mhz Crystal	10
436	10.24Mhz Crystal	10
437	10Mhz Crystal	10
438	1Mhz Crystal	10
439	11.0592Mhz Crystal	20
440	14.318Mhz Crystal	5
441	16Mhz Crystal	5
442	20Mhz Crystal	5
443	24Mhz Crystal	10
444	27Mhz Crystal	5
445	32Mhz Crystal	5
446	3mm IR Transmitter & Reciever	10
447	7-Segment Display - Common Anode (0.3")	8
448	7-Segment Display - Common Cathode	8

449	Red 5mm LED Diffused	20
450	Green 5mm LED Diffused	20
451	L14G2 - Phototransistor	6
452	5x7LED Dot Matrix - Common Anode	5
453	10-Element LED Bar Graph [5
454	Amber 5mm LED Diffused	5
455	LCD 16X2 Alphanumeric Display	5
456	LCD 16X4 Alphanumeric Display	5
457	Yellow 5mm LED Diffused	20
458	LED holder 5mm	10
459	Blue 5mm LED Diffused	20
460	RGB 5mm LED	20
461	SPDT 3V 1A PCB Relay	8
462	SPDT 5V 1A PCB Relay	8
463	SPDT 6V 10A PCB Relay	8
464	SPDT 12V 7A PCB Relay	8
465	DPDT 3V 1A DIP Relay	8
466	DPDT 5V 2A PCB Relay	8
467	DPDT 5V 8A PCB Relay	8
468	DPDT 12V 2A PCB Relay	8
469	DIP Switch - 8 positions	10
470	DIP Switch - 6 positions	10
471	DIP Switch - 4 positions	10
472	Touch Switch	10
473	Reed Switch/Sensor	10
474	16 Key - 4x4 Matrix - Membrane Type Keypad	4
475	DPDT on-off-on Rocker Switch	10
476	DPDT on-off-on Rocker Switch	10
477	Push Switch (Non-Locking)	10
478	Hall Effect BiPolar Sensor	5
479	LDR - 5mm - Photocell	5
480	PIR Motion Sensor	5
481	UltraSonic Distance Sensor	5
482	5mm IR Transmitter & Reciever	15
483	LDR - 12mm - Photocell	3
484	LPG Gas Sensor	3
485	MQ7 Carbon Monoxide Gas Sensor	3

486	TSOP1738	6
487	MQ-5 Gas Sensor	4
488	MQ-6 Gas Sensor	4
489	MQ-135 Gas Sensor	4
490	HS1101 Relative Humidity Senso	4
491	LM335	3
492	LM336Z	3
493	LM35	3
494	MQ-7 Gas Sensor	3
495	MQ-8 Gas Sensor	3
496	MQ-6 Gas Sensor	3
497	Reed Switch/Sensor (Magnetic Switch) - 16mm	3
500	Speaker - 4 ohm /5W	3
501	Speaker - 8 ohm / 0.5W	3
502	Electromagnetic Buzzer - 12v	3
503	Electromagnetic Buzzer - 5v	3
504	Piezo Buzzer [intermitente] - (9V - 24V)	3
505	Piezo Buzzer [Contineous] - (9V - 24V)	3
506	RF Transmitter & Receiver - 433 MHz (ASK)	3
507	22uH Inductor Choke	5
508	27uH Inductor Choke	5
509	47uH Inductor Choke	5
510	30uH Inductor Choke	5
511	33uH Inductor Choke	5
512	1mH Inductor	5
513	220uH Inductor	5
514	150uH Inductor	5
515	1uH Inductor	5
516	2.2nH Inductor	5
517	470uH Inductor	5
518	47uH Inductor	5
519	2.2uH Inductor	5
520	22uH Inductor	5
521	3v Lithium Battery	6
522	9v Battery Snap Connector	6
523	9v Battery Zinc Chloride Battery	6
524	Fuse Holder - (5x20mm)	3

525	Fuse Holder - (6x30mm)	3
526	1 Amp Glass Fuse 250V - 5x20mm Fast Blow	3
527	12V - 1Amp Transformer (230V to 12V)	5
528	12V - 2Amp Transformer (230V to 12V)	5
529	12V - 5Amp Transformer (230V to 12V)	5
530	15-0-15 1A Transformer	3
531	18-0-18 1A Transformer	3
532	24-0-24 500mA Transformer	3
533	12v 7.5Ah Sealed Lead Acid Battery [3
534	5 Amp Glass Fuse 250V - 5x20mm Fast Blow	5
535	2 Amp Glass Fuse 250V - 5x20mm Fast Blow	3
536	9-0-9 500mA Transformer	3
537	6-0-6 500mA Transforme	3
538	DC Socket Connector	5
539	2pin Polarized Header Wire : Relimate Connector with base	5
540	3V Battery Holder	5
541	4xAA Battery Holder	5
542		
543	3pin Polarized Header Wire : Relimate Connector with base	10
544	DC Connector Jack (Male)	5
545	4pin Polarized Header Wire : Relimate Connector with base	5
546	6pin Polarized Header Wire : Relimate Connector with base	5
547	8pin Polarized Header Wire : Relimate Connector with base	5
548	40 pin break-away Headers- (Right angle) male Headers	5
549	40 pin break-away Headers- Straight male Headers	5
550	40 pin Female Berg strip - Straight Female Headers	5
551	40x2 pin break-away Headers- Straight male Headers	5
552	40x2 pin break-away Headers- Straight female Headers	5

553	DB9 Female Right angle Connector	5
554	DB9 Male Connector	5
555	Magnifier 3X with 5LED and UV Currency Detector	1
556	Cable Tie Pack - 100mm	1
557	Solder Wire Pack - 100Gm	5
558	Solder Wire Pack - 50Gm	10
559	Solder Flux	20
560	Soldering Iron Stand	10
561	Breadboard	20
562	Copper Clad Phenol Board - PCB Board - 6x4"	4
563	Glass Epoxy Copper Clad Board - PCB Board - 6x4"	4
564	PCB Board Universal - Perforated [Tin Plated] 8x8" inches	5
565	Servo Motor 0.6KG/cm	5
566	100 RPM Geared motor	5
567	Servo Motor 4-5KG/cm	5
568	60 RPM Geared motor	5
569	150 RPM Geared motor	5
570	300 RPM Geared motor	5
571	500 RPM Geared motor	5
572	1000 RPM Geared motor	5

Bidder's Profile to be placed in Envelope A (Annexure-C)

Name of the firm:- _____

Tender for supply of _____

Tender No. & Date: - _____

Technical specification/ literature attached:-

Yes/No

GST certificate attached:-

Yes/ No

Registration/ Authorization Dealership/
Manufacturer certificate attached:-

Yes/ No

Revenue stamp affixed.

Yes/ No

Rates covered with transparent tape:-

Yes/ No

Bid document fee deposited:-

Yes/ No

Bid Security enclosed:-

Yes/ No.

Bid price in Indian Rupees:-

Yes/ No

Bid without correction/overwriting:-

Yes/No

Seal and Signature of
the Bidder

Annexure-D (Price Bid)

S. No	Name of The item/Equipment as per the tender	Price per unit FOR IUST campus Awantipora (Excluding GST*)	Quantity	Total Price

* GST shall be paid as applicable at the time of supply of the items.

Annexure-E

WARRANTY CERTIFICATE

We warrant that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in material workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for material of the type ordered, shall be in full conformity with the specifications/drawings of samples if any and shall operate properly. We shall be fully responsible for its efficient operation.

In case of any latent defect or inconsistency due to poor manufacturing/repair and overhaul of the Machinery/Equipment or defective supply not conforming to the specifications if observed at the time of final inspection and thereafter within warranty period ----- months of the date of acceptance, we undertake the guarantee to repair/supply free of cost of defective items up to the final destination and the inland expenses borne by the indenter will be at our cost.

This warranty shall survive inspection and payment for and acceptance of the equipment/machinery shall expire (except in respect of complaints of which the contractor has been notified prior to such date) ----- months in case equipment/machinery after their successful acceptance by the purchaser.

SEAL of manufacturer/supplier.

Dated _____

Signature-----

Name and Address of Manufacturer/Supplier