



UNIVERSITY OF JAFFNA
INVITATION FOR BIDS
Supply of Computer, Electrical, Electronic & Lab Equipment
to the Faculty of Engineering,
University of Jaffna.
UJ/F/PO/T/04/2016

Chairperson, Department Procurement Committee, University of Jaffna, Jaffna, Sri Lanka, invites sealed bids from eligible bidders for supply of following items to the University of Jaffna.

1. Bidding will be conducted through the National Competitive Bidding (NCB) procedure.
2. Bidder should have at least three years experience in the relevant field in Sri Lanka.
3. Interested eligible bidders may obtain further information from the Senior Assistant Bursar / Supplies of the University of Jaffna, and inspect the bidding documents at the Supplies Branch of the University between 9.00 am to 3.00 pm from **10.06.2016** to **12.07.2016**.
4. A complete set of bidding documents in English may be purchased by interested bidders on submission of a written application to the Senior Assistant Bursar / Supplies, University of Jaffna and upon payment of a non-refundable fee of Rupees 2,000/=per package in cash at the Shroff Counter of the University of Jaffna. The bidder can also download the bidding documents from the University website www.jfn.ac.lk. Those who are obtaining bidding documents from the University website should submit the complete documents along with a Bank Draft drawn in favour of the “Bursar, University of Jaffna, Sri Lanka” for Rs. 2,000/=per package as non-refundable fee or the payments could be made to Peoples Bank, Jaffna University Branch, account no:**162-1-001-6-0000880**, and the **cash receipt/deposit slip to be attached with the bidding documents**. The documents may be purchased until 2.30 p.m from **10.06.2016** to **12.07.2016**.
5. Bids must be delivered in duplicate to be addressed **Bursar, University of Jaffna, Thirunelvely**, on or before **2. 00p.m on 13.07.2016**. Please indicate the “**Supply of Computer, Electrical, Electronic & Lab Equipment- UJ/F/PO/T/04/2016 – 13.07.2016**” on the left hand corner of the envelope.
6. All bids must be accompanied by a Bid Security addressed to the **Chairperson, Department Procurement Committee, University of Jaffna**, valid for 120 days from the date of the bid opening as specified in the following Table.

Serial No	Description of Items	Quantity	Bid Security
Package 1 – Supply of Computer Engineering Equipment			170,000.00
1.1	Accelerometer	20	
1.2	Bluetooth Transceiver module	20	
1.3	Compass module	10	
1.4	12V Gear Motor	30	
1.5	6V gear motor	30	
1.6	GPS module	10	
1.7	GSM/GPRS Development boards	10	
1.8	Long Distance Ultrasonic module	10	
1.9	Short Distance Ultrasonic module	40	
1.10	Servo motor	20	
1.11	Arduino Nano / Genuino Nano(Original)	20	

1.12	Arduino MEGA / Genuino MEGA (Original)	20	
1.13	Motion sensors	40	
1.14	Motor driver kit	20	
1.15	Pulse sensors	5	
1.16	Relay module	20	
1.17	Tamiya Tracked Vehicle Chassis	10	
1.18	Robot chassis	10	
1.19	Robot wheel	25	
1.20	Rubber tire wheel	80	
1.21	Step motor	20	
1.22	Temperature and Humidity sensor	40	
1.23	Long Rang Video transmitter + receiver	5	
1.24	WiFi development kit	10	
1.25	WiFi module	10	
1.26	Wireless Transceiver module	20	
1.27	Long Rang Wireless module + Antenna	20	
1.28	High performance Computing node (Two processors each with 16 core, 512 GB RAM, 3TB hard disk with multiple Ethernet interface.)	1	
1.29	High performance computing node(Two processors each with 8 core, 256 GB RAM, 3TB hard disk)	2	
1.30	Tower Model Computer	40	
1.31	Online UPS 6kVA	2	
1.32	Interactive Ultra Short Throw Multimedia Projector with Wall Mounting Accessory	2	
Package 2 - Supply of Electrical & Electronic Engineering Equipment			360,000.00
2.1	Raspberry Pi Single board Linux platform	10	
2.2	Beagle Bone Single board Linux platform	4	
2.3	Banana Pi Single board Linux platform	5	
2.4	Programable microcontroller development board	15	
2.5	Micro controller programmer with universal programing adapter seat, USB cable and 6 pin cable	5	
2.6	Programmable microcontroller development board with bread board included	15	
2.7	Microcontroller starter kit with necessary software tools (builder, simulator ,emulator) and ISP programmer(USB).	15	
2.8	FPGA trainer board	15	
2.9	Transistor based voltage regulator trainer kit	4	
2.10	Digital combinatory logic training kit	4	
2.11	Digital sequential logic trainer kit	2	
2.12	Digital Electronic trainer kit	4	
2.13	Step Motor Control kit	4	
2.14	Universal motor control board	3	
2.15	Digital Lux meter	1	
2.16	3 Phase Power Pack	1	
2.17	Power Factor Control Unit	1	
2.18	Asynchronous Wind Mill System including HVDC Light Line	1	

2.19	Flex Stand	6
2.20	Flex set	1
2.21	Flywheel	1
2.22	TECNEL. Unit	1
2.23	Pulse Generator	1
2.24	Power factor meter	2
2.25	Frequency meter	2
2.26	Current Transformer	3
2.27	PWM DC-Machine Control Module	2
2.28	Drill Bench	1
2.29	PCB shears	1
2.30	Electrical hand driller	1
2.31	Rheostat	4
2.32	Rheostat	4
2.33	Rheostat	4
2.34	Digital and Analog Communication Trainer kit with jumper wire	1
2.35	Digital Storage Oscilloscope	10
2.36	Inductor bank	2
2.37	Resistor bank	3
2.38	Capacitor bank	2
2.39	Glue gun and sticks	10
2.40	Wireless Microphone set	2
2.41	Wheatstone Bridge	5
2.42	NI ELVIS II+ for Labview	2
2.43	Multisim Education 25 user	1
2.44	Digital Duplicator Machine	1
2.45	Colour Laser Printer	1
2.46	Hot air gun	3
2.47	QUADCOPTER FOR DEVELOPERS	1
2.48	humanoid robot	1
2.49	Three phase synchronous generator	2
2.50	Three phase induction motor	2
2.51	Single phase motor	2
2.52	Synchronizing module	3
2.53	Optical fibre training kit	1
2.54	UV Laser based PCB machine	1
2.55	Reflow oven	1
2.56	Altera FPGA Starter Development Kit	20
2.57	Signal Generators	10
2.58	Spectrum Analyzer	5
2.59	Arbitrary Waveform Generator	2
2.60	Transmission Line trainer	1
2.61	Analog Multimeter	10
2.62	Genuino Starter Kit (Original)	20


2.63	Arduino MEGA 2560 / Genuino MEGA 2560 (Original)	20	
2.64	Arduino Due(Original)	20	
2.65	Arduino ZERO/ Genuino ZERO(Original)	10	
2.66	ArduinoYún(Original)	10	
2.67	ArduinoWiFi Shield(Original)	5	
2.68	Arduino Ethernet Shield WITH PoE Module(Original)	5	
2.69	Arduino GSM Shield (integrated antenna)(Original)	5	
2.70	Arduino Motor Shield (Original)	15	
2.71	Motor/Stepper/Servo Shield for Arduino Kit(Original)	20	
2.72	Assembled Data Logging shield for Arduino(Original)	20	
2.73	Android Phone to generic shield converter for Arduino(Original)	20	
2.74	Music Shield(Original)	20	
2.75	USB Stick DSP Development Tool(Original)	20	
2.76	Advanced USB Stick DSP Development Tool(Original)	20	
2.77	DSP Evaluation Module(Original)	15	
2.78	DSP Starter Kit (DSK)(Original)	20	
2.79	Proteous	1	
2.80	4DOF Robot Arm Kit	5	
2.81	6DOF Robot Arm	1	
2.82	Dual measurement multimeter digital	10	
Package 3 – Supply of Lab Furniture			10,000.00
3.1	Computer Table	40	
3.2	Computer Chair	60	
3.3	Laboratory Table	8	

➤ **For Bid Documents & Details visit University website www.jfn.ac.lk**

7. Pre Bid meeting will be held on **01st July at 10.00 a.m.** in the Board Room of University of Jaffna
8. The bids shall be deposited in the ‘Tender Box’ available in the Bursar’s Office of the University, or sent under Registered Cover to be received before the deadline to the address given Clause No.5.
9. Late bids will be rejected.
10. The bids will be opened at **2. 00p.m on 13.07.2016**, in presence of the bidders or their authorized representatives who choose to attend the bid opening at the board room of the University.

The Chairperson,
Department Procurement Committee,
University of Jaffna,
Jaffna.

TP. / Fax No: 021-2220962, 021-2222644


M. S. L. Maveekumbura
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