



Indian Institute of Information Technology, Pune

Reference No:IIITPune/Enquiry/2019/500

DATE:12-02-2019

CALL FOR QUOTATIONS

for

Procurement of Equipment's/setup for Embedded System Lab, Digital Signal Processing Lab and Consumables in Electronics and Communication Engineering for Indian Institute of Information Technology, Pune

Indian Institute of Information Technology, Pune

Website: www.iiitp.ac.in

CALL FOR QUOTATION

Name of the Work:

Sealed quotations are invited from reputed manufactures, suppliers and traders for the Equipments/setups for Embedded System Lab and Digital Signal Processing Lab for Indian Institute of Information Technology, Pune as per the **Part 1: Technical Bid and Part 2: Commercial Bid in the prescribed Bidforms.**

The sealed quotations must be submitted to Director, Indian institute of information Technology Pune, Sudumbre, Talegaon-Chakan Road, Tal. - Maval, Dist.-Pune, Pin-412109, Maharashtra, India in the prescribed format.

The tender Document can be downloaded from the website www.iiitp.ac.in

Sr. No.	Tender No & Date	Reference No: IIIT Pune/Enquiry/ 2019/500 DATE: 12-02-2019
1.	Download of tender	From 7-03-2019 to 22-03-2019
2.	Last Date of Receipt of Tenders	22-03-2019 before 15:00 Hours
3.	Opening of Tenders (Technical Bid)	25-03-2019 at 14:00 Hours
4.	Correspondence Address	Director, Indian institute of information Technology Pune, Sudumbre, Talegaon-Chakan Road, Tal. - Maval, Dist.-Pune, Pin-412109, Maharashtra, India

1. EligibilityCriteria:

- 1.1 The bidder must have minimum three years' experience in similar kind of work i.e. supply of equipments/furniture in the relevant area. The bidder must have executed at least one purchase order of not less than **Rs. 3.00 Lakhs (Single order) for Part: A and Part: B separately** during last threeyears.
- 1.2 The bidder must have minimum turnover of **RS. 25.00 Lakhs** during last three financial years(**For Part:A and Part: B**). One should also submit prof for thesame.
- 1.3The bidder should attach purchase orders of supply of equipment's to renowned educational institutes in last three years.
- 1.4 Bidder should have an appropriate authorization letter from the original vendors in thisreference.

Pre-Qualification / Eligibility Criteria details:

Sr. No.	Pre-Qualification Criteria	Supporting Documents to be enclosed with the Bid
1.	Bidder should be registered in India under Companies Act 1956	Certificate of Incorporation
2.	The bidder must be a renowned Indian/Multinational Company\entrepreneur\vendor with primary business in Technology. It should also be an Authorized system Integrator(s)/partner of the principal, in India.	GST Registration Certificate. Manufacturer's Authorization form of the Original Equipment Manufacturer (if applicable)
3.	Bidder must have experience of at least 03 years in the relevant field of Supplying relevant field Equipments.	Copies of relevant work-order(s)
4.	Bidder should have duly filed Income Tax Returns, Service Tax and other applicable Govt./Statutory body Taxes for the past three years.	Relevant Documents
5.	Prime bidder including the consortium members shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government agencies.	Self-Certification

Seal and signature of Manager / Representative of the firm
On behalf of the firm submitting Tender
Telephone:.....Mobile:.....
Fax:.....Mail :.....
Contact Person Name andDesignation:

2. BiddingProcess:

The bidders are informed to submit the **quotations separately for the equipment/setup listed in Part: A, Part: B and Part: C**. Envelope should superscript on the top that: **“Technical Bid”** and **“Commercial Bid”**.

The quotation should be complete for particular part, partial quotations cannot be accepted for Part A, Part: B and Part: C.

Part 1: Technical Bid - detailed profile of the agency/organization, eligibility for selection, tender terms & conditions, etc. - to be submitted in a separate sealed cover. This should include **Annexure-I for Part: A, Annexure-II for Part: B and Annexure-III for Part: C** and documents in support of **turnover, experience, list of similar project, client list, Pre-Qualification / Eligibility Criteria, Appendix-A** etc.

Part 2: Commercial Bid - As per the tender, commercial bid should be indicated in Indian rupees in figures as well as words. The final offer given by the bidder shall be with respect to the complete cost of the project.

3. Submission of TenderDocuments:

3.1 Format & signing of BidDocument:

The Bid / Tender document will be submitted in the prescribed format in two parts in sealed envelopes.

Instructions for submitting bids are given below:

3.1.1 Part 1: Technical Bid – in prescribed format duly signed and sealed containing following documents:

- A covering letter in the format enclosed and **Annexure-I/II/III**.
- Details of bidders experience and capabilities in the format (**Appendix-A**).

3.1.2 Part 2: Commercial Bid - in prescribed format duly signed and sealed.

4. Acceptance of Tenderconditions:

The **last date for submission** of tender document is **22-03-2019 before 15.00 hrs**. Bids received beyond the closing date / time will not be accepted and will be rejected, unopened.

- 4.1 Part 1 (**Technical Bid**) will be **opened on 25-03-2019 at 14.00 hrs** at IIIT Pune, Sudumbare, Tal.-Maval, Talegaon-chakan road, Pune-412109, in presence of the bidders' representatives who wish to attend. In the event of any change in the date of opening, the same will be intimated to all through Email/ SMS/Telephone.
- 4.2 Part 2 (**Commercial Bid**) will be opened only after the technical evaluation of tenders and only eligible and technically qualified bidders will be invited for commercial bid opening at the same venue in presence of the bidders' representatives who wish to attend. The date of opening of commercial bid will be intimated to only eligible and technically qualified bidders. In the event of any change in the date of opening, the same will be intimated to all through Email/ SMS/ Telephone.

5. The Institute reserves the right to accept or reject any bids and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder.
6. Incomplete tenders will be rejected without consideration.
7. **Delivery Period for Item:** For Part: A, Part B: and Part: C, the items mentioned in the tender should be delivered within three weeks from the date of purchase order.
8. Execution Period for Supplied Item: The entire project is to be executed/ commissioned within three weeks from the date of purchase order.
9. **Supply and Installation:**

All the equipment's must be supplied to **IIIT Pune located at Sadumbare, Talegaon- Chakan Road, Tal: Maval, Dist: Pune**. Any defective component/device will be replaced by bidder at his cost.

10. **Service Support:** Onsite comprehensive Support (parts, labor) has to be provided for a minimum period of 2 years by the bidder from the date of installation and commissioning of systems in **Part: A and Part: B**.

11. **Comprehensive Warranty:**

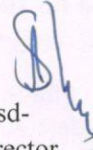
Two years Comprehensive Warranty. The Supplier shall be fully responsible for the Manufacturer's warranty for all equipment, accessories, spare parts, furniture etc. against any defects arising from design, material, manufacturing, workmanship, or any act or omission of the manufacturer / Bidder or any defect that may develop under normal use of supplied equipment during the warranty period. In case the Bidder is unable to fulfill his obligations during the warranty period, the warranty obligations will fully and automatically devolve upon the Manufacturer of the goods. The Bidder shall be fully responsible for getting the product replaced from the principal company or coordinating the same with the principal company during the warranty period.

12. **Payment Terms & Conditions:**

100% payment shall be made after successful installation, demonstration and hands on of the setups (i.e. in case of Part: A, and Part: B), in Department of Electronics and Communication Engineering at Indian Institute of Information Technology, Pune.

13. The vendors shall have to quote for all the items of the quotations for Part: A, Part: B and Part C. Partial quotations/incomplete Tenders shall be rejected.
14. Offers in bid should be written in English and price should be written in both figures and words in Indian Rupees.
15. The bid will be evaluated considering the total price of items mentioned in Part A, Part B and Part C (and independently for Part A, Part B and Part C).
16. The relevant supporting document(s) should be enclosed along with the offer with proper stamp and signature.
17. Quotations received after **last date (i.e. 22-03-2019)** of bid submission will be rejected.
18. No bid will be entertained by E-mail /FAX.
19. The Institute reserves the rights to cancel the tender without any reason thereof.
20. The Institute reserves the rights to split the purchase order.
21. The Institute reserves the rights to cancel any of the items of tender without any reason thereof.

22. The Institute reserves the rights to decide the quantity of any of the items of tender for finalizing the purchase order without any reason.
23. The Institute reserves the right to cancel purchase order, before or after the delivery of material, before making payments without giving any reasons thereof.



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Director

Indian Institute of Information Technology Pune

Part 1 of Part A: Technical Bid

Equipment's/setup/systems for ECE department at Indian Institute of Information Technology Pune

FORMAT & REQUIREMENTS

1. Tender Ref. No:
2. Name of Tenderer:
3. Complete office address of Tenderer.....
4. Contact details of authorized person of tenderer who have signed the tender.
 - a. Name.....
 - b. Designation.....
 - c. Phone(Office).....
 - d. Phone(Mobile).....
 - e. E mail.....
5. Due date & Time of submission of quotation:.....
6. Submission of technical confirmation to therequirement.
7. Please specify the make and model. Attach technicalbrochure.
8. Higher technical specification may be considered subject to competitive priceoffer.
9. Documents to be enclosed with the Technical bid are asunder:
 - a. Copy of authorization letter fromprincipal.
 - b. Duly signed & stamped Tender documents (All pages) as a mark of youracceptance.
 - c. Details of latest Three customers to whom similar supply were made should be submitted in the followingformat:-

Sr. No.	Name of Client along with contact details
1.	
2.	
3.	
 - d. Supporting information with respect to the technical data, bookletsofproduct. Any product manual brief, test certificates available may beenclosed.
 - e. Copies of GST,PAN, VAT/ TIN duly Signed &Stamped.

Signature of the tenderer
with stamp

Annexure-I

Format of Quotation along with specifications for equipment's supply for ECE Department at Indian Institute of Information Technology Pune

Sr. No	Requirement with Specifications	Quantity
	<p>8051 Microcontroller Development Board With In system programming Facility and Power Supply:</p> <ul style="list-style-type: none"> • P89V51RD2 micro controller from Phillips OR SST89E52 RD2 • 64KB on-chip flash memory. • 4 KB on-chip SRAM. • 12 MHz operation. • On-Board I2C based EEPROM • On Board I2C based Real Time Clock (RTC). • On-Board 16X2 LCD. • On-Board 8-Bit Single Channel ADC. • On-Board 4X4 Matrix Keypad. • On-Board 7 Segment Display. • On-Board Stepper Motor Driver with Stepper Motor. • On –Board 8 LED's. • On Board Relay with Terminal Connector • Support for Interrupt Generation using switch. • On-Board GPIO Connector for interfacing additional devices. • I2C and SPI Port for interfacing additional SPI based devices. • On board Serial to USB Converter <p>Software & Documentation:</p> <ul style="list-style-type: none"> • KEIL IDE (Integrated Development Environment). • Sample code in Assembly and “C” Programs • Board User Manual and Lab Manual. 	2
	<p>ARM CortexM3 Board</p> <ul style="list-style-type: none"> • LPC1768 CPU • Facility to interface GPIO, Ethernet, USB, etc • Supports FREERTOS and u-COSII RTOS • On-board JTAG Debugger port • Power supply (SMPS), • JTAG Debugger • Connecting wires and power supply (SMPS) 	2
	<p>MSP-EXP430G2ET - Launchpad Value Line Development Kit</p> <ul style="list-style-type: none"> • 14-/20-pin DIP (N) socket • Built-in flash emulation for debugging and programming • 2 programmable LEDs • 1 power LED • 1 programmable button • 1 reset button <p>Supports MSP430G2xx2, MSP430G2xx3, and MSP430F20xx devices in PDIP14 or PDIP20 packages.</p>	5

Part 2 of Part A: Commercial Bid

Equipments/ setups/ systems for ECE department at IIIT Pune

Part 2: Commercial Bid

FORMAT & REQUIREMENTS

Tender Ref. No.:

Name of the Tenderer/Bidder:

The offer with rates for the schedule of requirements of items, as elaborated under, to be submitted.

Adhering to the format given below is a pre-requisite for considering your quotations:

However quantity may increase/ decrease

The format of commercial offer is as below:

Sr. No	Requirement with Specifications	Quantity	Unit Price in INR	Total Basic Price in INR
1	<p>8051 Microcontroller Development Board With In system programming Facility and Power Supply:</p> <ul style="list-style-type: none"> • P89V51RD2 micro controller from Phillips OR SST89E52 RD2 • 64KB on-chip flash memory. • 4 KB on-chip SRAM. • 12 MHz operation. • On-Board I2C based EEPROM • On Board I2C based Real Time Clock (RTC). • On-Board 16X2 LCD. • On-Board 8-Bit Single Channel ADC. • On-Board 4X4 Matrix Keypad. • On-Board 7 Segment Display. • On-Board Stepper Motor Driver with Stepper Motor. • On –Board 8 LED's. • On Board Relay with Terminal Connector • Support for Interrupt Generation using switch. • On-Board GPIO Connector for interfacing additional devices. • I2C and SPI Port for interfacing additional SPI based devices. • On board Serial to USB Converter <p>Software & Documentation:</p> <ul style="list-style-type: none"> • KEIL IDE (Integrated Development Environment). • Sample code in Assembly and “C” Programs • Board User Manual and Lab Manual. 	02		

2	ARM CortexM3 Board <ul style="list-style-type: none"> • LPC1768 CPU • Facility to interface GPIO, Ethernet, USB, etc • Supports FREERTOS and u-COSII RTOS • On-board JTAG Debugger port • Power supply (SMPS), • JTAG Debugger • Connecting wires and power supply (SMPS) 	02		
3	MSP-EXP430G2ET - Launchpad Value Line Development Kit <ul style="list-style-type: none"> • 14-/20-pin DIP (N) socket • Built-in flash emulation for debugging and programming • 2 programmable LEDs • 1 power LED • 1 programmable button • 1 reset button Supports MSP430G2xx2, MSP430G2xx3, and MSP430F20xx devices in PDIP14 or PDIP20 packages.	5		
Total basic Price in INR				
Taxes in INR				
Grand Total Price (Total basic +Taxes) in INR				

The rate quoted shall be in accounting units (A/U) and should be quoted as basic price, all other costs including freight, insurance, packaging and forwarding duties/levies and taxes.

Signature of the tenderer
with stamp

Part 1 of Part B: Technical Bid

Equipment's/setup/systems for ECE department at Indian Institute of Information Technology Pune

FORMAT & REQUIREMENTS

1. Tender Ref. No:.....
2. Name of Tenderer:.....
3. Complete office address ofTenderer.....
4. Contact details of authorized person of tenderer who have signed the tender.
 - a. Name.....
 - b. Designation.....
 - c. Phone(Office).....
 - d. Phone(Mobile).....
 - e. Email.....
5. Due date & Time of submission of quotation:.....
6. Submission of technical confirmation to therequirement.
7. Please specify the make and model. Attach technicalbrochure.
8. Higher technical specification may be considered subject to competitive priceoffer.
9. Documents to be enclosed with the Technical bid are asunder:
 - a. Copy of authorization letter fromprincipal.
 - b. Duly signed & stamped Tender documents (All pages) as a mark of youracceptance.
 - c. Details of latest Three customers to whom similar supply were made should be submitted in the followingformat:-

Sr. No.	Name of Client along with contact details
1.	
2.	
3.	
 - d. Supportinginformationwithrespecttothetechnicaldata,bookletsofproduct. Any
product manual brief, test certificates available may beenclosed.
 - e. Copies of GST,PAN, VAT/ TIN duly Signed &Stamped.

Signature of the tenderer
with stamp

Annexure-II

Format of Quotation along with specifications for Equipment's supply for ECE Department at Indian Institute of Information Technology Pune

Sr. No	Requirement	Quantity
1.	<p>DSP processor TMS320C6748 CPU operating on 5V DC supply</p> <p><u>Specifications and Features</u></p> <ul style="list-style-type: none"> • with On board 256 MB Flash memory and 128 MB DDR2 RAM memory • Data Transfer Interface includes: On board DB9 connector for UART-1 interface, On • board 3 pin header for UART-2 interface, On board USB TYPE B Connector for UART- • 2 interface for Debug Console, LED indication for USB connection for Debug Console, • On board Reset Switch with LED indication, On board USB Type A Connector for USB • host interface, On board micro USB Type A Connector for USB OTG interface, On • board RJ45 connector for 10/100 Ethernet interface, On board I2C based Temperature • sensor, On board I2C based RTC interface, On board SPI based micro SD card interface, • On board provision for SATA connector etc. • On board special functionality includes: audio jack and speaker (Mic in) interface, audio • codec for speaker out, • On board Input high voltage protection (up to Plus or minus 20 volt) for audio codec. • On board special functionality includes: Boot mode selection switch, On board Video in • port available. VGA out connector, Provision for composite video out, Provision for • Graphics LCD interface, On board jumper selection to switch various video out options, • LED to indicate power surge, LED to indicate high voltage input, excessive voltage • protection circuit with LED indication, Various test points for various signals and jumper • selection to switch UART2 between USB connector and 3 pin connector • Comprehensive Lab Solution for UG and PG curriculum. • USB powered JTAG Emulator • Hardware must be Compatible with latest Code composer studio (CCS) V 5 or more and • must be compatible with all versions of windows operating system like win 7, win 8, win10 • DSP kit supplied along with license version of Code composer studio 	02

Part 2 of Part B: Commercial Bid

Equipment's/ setups/ systems for ECE department at IIIT Pune

Part 2: Commercial Bid

FORMAT & REQUIREMENTS

Tender Ref. No.:

Name of the Tenderer/Bidder:

The offer with rates for the schedule of requirements of items, as elaborated under, to be submitted.

Adhering to the format given below is a pre-requisite for considering your quotations:

However quantity may increase/ decrease

The format of commercial offer is as below:

Sr. No	Requirement	Quantity	Unit Price in INR	Total Basic Price in INR
1.	<p>DSP processor TMS320C6748 CPU operating on 5V DC supply</p> <p><u>Specifications and Features</u></p> <ul style="list-style-type: none"> • with On board 256 MB Flash memory and 128 MB DDR2 RAM memory • Data Transfer Interface includes: On board DB9 connector for UART-1 interface, On board 3 pin header for UART-2 interface, On board USB TYPE B Connector for UART- • 2 interface for Debug Console, LED indication for USB connection for Debug Console, • On board Reset Switch with LED indication, On board USB Type A Connector for USB • host interface, On board micro USB Type A Connector for USB OTG interface, On board RJ45 connector for 10/100 Ethernet interface, On board I2C based Temperature • sensor, On board I2C based RTC interface, On board SPI based micro SD card interface, • On board provision for SATA connector etc. • On board special functionality includes: audio jack and speaker (Mic in) interface, audio • codec for speaker out, • On board Input high voltage protection (up to Plus or minus 20 volt) for audio codec. • On board special functionality includes: Boot mode selection switch, On board Video in • port available. VGA out connector, Provision for composite video out, Provision for • Graphics LCD interface, On board jumper selection to switch various video out options, • LED to indicate power surge, LED to indicate high 	02		

	voltage input, excessive voltage <ul style="list-style-type: none"> • protection circuit with LED indication, Various test points for various signals and jumper • selection to switch UART2 between USB connector and 3 pin connector • Comprehensive Lab Solution for UG and PG curriculum. • USB powered JTAG Emulator • Hardware must be Compatible with latest Code composer studio (CCS) V 5 or more and • must be compatible with all versions of windows operating system like win 7, win 8, win10 • DSP kit applied along with license version of Code composer studio 			
Total Basic Amount =				
Taxes =				
Grand total (Total Amount + Taxes) =				

The rate quoted shall be in accounting units (A/U) and should be quoted as basic price, all other costs including freight, insurance, packaging and forwarding duties/levies and taxes.

Signature of the tenderer
with stamp

Part 1 of Part C: Technical Bid

Consumable Equipment's for ECE department at Indian Institute of Information Technology Pune

FORMAT & REQUIREMENTS

1. Tender Ref. No:
2. Name of Tenderer:
10. Complete office address ofTenderer.....
11. Contact details of authorized person of tenderer who have signed the tender.
 - a.Name.....
 - e. Designation.....
 - f. Phone(Office).....
 - g. Phone(Mobile).....
 - e. E mail.....
12. Due date & Time of submission of quotation:.....
13. Submission of technical confirmation to therequirement.
14. Please specify the make and model. Attach technicalbrochure.
15. Higher technical specification may be considered subject to competitive priceoffer.
16. Documents to be enclosed with the Technical bid are asunder:
 - a. Copy of authorization letter fromprincipal.
 - b. Duly signed & stamped Tender documents (All pages) as a mark of youracceptance.
 - c. Details of latest Three customers to whom similar supply were made should be submitted in the followingformat:-

Sr. No.	Name of Client along with contact details
1.	
2.	
3.	
 - d. Supporting information with respect to the technical data, bookletsofproduct. Any product manual brief, test certificates available may beenclosed.
 - e. Copies of GST,PAN, VAT/ TIN duly Signed &Stamped.

Signature of the tenderer
with stamp

Annexure-III

Format of Quotation along with specifications for Equipments supply for ECE Department at Indian Institute of Information Technology Pune

Sr. No.	Name of Item	Specifications and Accessories	Quantity
1.	Arduino Uno	Atmega 328 controller ; connecting cable	10
2.	Arduino Mega	Atmega2560 controller; connecting cable	10
3.	Servo motor	MG995 metal gear	10
4.	Stepper motor	Nema 17	4
5.	Stepper motor Driver	TB66, 4A, 9-42V, 16microstep	4
6.	Ultra-sonic sensor	HC-SR04	5
7.	Temperature Sensor	DHT-11	5
8.	Light dependent resistors	LDR	10
9.	EMG muscle signal sensor with electrodes	EMG muscle signal-V3	1
10.	Real time clock Modules	RTC modules	5
11.	Arduino GSM GPS shield	A7 GSM, GPRS, Shield	5
12.	Accelerometer sensor	MPU6050	10
13.	Matrix keypad	4x4	10
14.	X-bee	x-bee S2	5
15.	2.4GHz NRF24L01 with PA+LNA SMA Antenna	Wireless Transceiver Communication Module for 1km	10
16.	Motor Driver	18V, 20A DC motor Driver	2
17.	RFID Reader and RFID Card	-	5
18.	PIR sensor	-	10
19.	ICs	7805	20
		7905	10
		Atmega 328	10
		555	10
		Bridge Rectifier	10
		L298 Driver	10
20.	Potentiometer	10K ohm, through hole	20
		100K ohm, through hole	20
21.	Push buttons	Toggle	20

		Small	20
22.	Capacitors	1000 micro Farad	10
		0.1	50
		0.01	50
		22 pf	50
		10 mf, 25v	25
23.	Relays	5v coil,	10
24.	2 point connector	Through hole	50
25.	Male-female Header	Through hole (20 each)	40
26.	Patch cords	Male to Male	100
		Male to female	100
		Female to female	100
27.	Copper Clad	A4 size, single side	20
28.	PCB Etching Solution (FeCl3 Solution)	FeCl3 Solution	2 Kg
29	PCB scrubber	Cleaning scrubber	10
30	Electric Iron		2
31.	Solder Iron	Narrow tip	5
32.	Solder wire		5
33.	MSP-Launchpad Development Kit	EXP430G2ET	5
34	Resistors	100 ohm	50
		200 ohm	50
		220 ohm	50
		240 ohm	50
		330 ohm	50
		470 ohm	50
		680 ohm	50
		1K ohm	50
		1.2 Kohm	50
		1.5 Kohm	50
		4.7 Kohm	50
		10 Kohm	50
		100 Kohm	50
35	LED	Green	100
		Blue	100
		Red	100
		White	100

36	PCB drill bits	0.5mm	10
		1mm	10
		2mm	10
		3mm	5
		5mm	5
37	Multi-strand wire	20 meter bundle	5
38	Nose Plier		5
39	Multi-meter	Digital	5
40	Bread Board	White	10
41	Voltage dimmer	2000Watt	5
42	PCB Drilling Machine	Pillar Drill	1
43	PCB cutter	Electric cutter	2

Part 2 of Part C: Commercial Bid

Equipments/ setups/ systems for ECE department at IIIT Pune

Part 2: Commercial Bid

FORMAT & REQUIREMENTS

Tender Ref. No.:

Name of the Tenderer/Bidder:

The offer with rates for the schedule of requirements of items, as elaborated under, to be submitted.

Adhering to the format given below is a pre-requisite for considering your quotations:

However quantity may increase/ decrease

The format of commercial offer is as below:

Sr. No.	Name of Item	Specifications and Accessories	Quantity	Price/item	Total Price in INR
1.	Arduino Uno	Atmega 328 controller ; connecting cable	10		
2.	Arduino Mega	Atmega2560 controller; connecting cable	10		
3.	Servo motor	MG995 metal gear	10		
4.	Stepper motor	Nema 17	4		
5.	Stepper motor Driver	TB66, 4A, 9-42V, 16microstep	4		
6.	Ultra-sonic sensor	HC-SR04	5		
7.	Temperature Sensor	DHT-11	5		
8.	Light dependent resistors	LDR	10		
9.	EMG muscle signal sensor with electrodes	EMG muscle signal-V3	1		
10.	Real time clock Modules	RTC modules	5		
11.	Arduino GSM GPS shield	A7 GSM, GPRS, Shield	5		
12.	Accelerometer sensor	MPU6050	10		
13.	Matrix keypad	4x4	10		
14.	X-bee	x-bee S2	5		
15.	2.4GHz NRF24L01 with PA+LNA SMA Antenna	Wireless Transceiver Communication Module for 1km	10		
16.	Motor Driver	18V, 20A DC motor Driver	2		

17.	RFID Reader and RFID Card	-	5		
18.	PIR sensor	-	10		
19.	ICs	7805	20		
		7905	10		
		Atmega 328	10		
		555	10		
		Bridge Rectifier	10		
		L298 Driver	10		
20.	Potentiometer	10K ohm, through hole	20		
		100K ohm, through hole	20		
21.	Push buttons	Toggle	20		
		Small	20		
22.	Capacitors	1000 micro Farad	10		
		0.1	50		
		0.01	50		
		22 pf	50		
		10 mf, 25v	25		
23.	Relays	5v coil,	10		
24.	2 point connector	Through hole	50		
25.	Male-female Header	Through hole (20 each)	40		
26.	Patch cords	Male to Male	100		
		Male to female	100		
		Female to female	100		
27.	Copper Clad	A4 size, single side	20		
28.	PCB Etching Solution (FeCl3 Solution)	FeCl3 Solution	2 Kg		
29	PCB scrubber	Cleaning scrubber	10		
30	Electric Iron		2		
31.	Solder Iron	Narrow tip	5		
32.	Solder wire		5		
33.	MSP-Launchpad Development Kit	EXP430G2ET	5		
34	Resistors	100 ohm	50		
		200 ohm	50		
		220 ohm	50		

		240 ohm	50		
		330 ohm	50		
		470 ohm	50		
		680 ohm	50		
		1K ohm	50		
		1.2 Kohm	50		
		1.5 Kohm	50		
		4.7 Kohm	50		
		10 Kohm	50		
		100 Kohm	50		
35	LED	Green	100		
		Blue	100		
		Red	100		
		White	100		
36	PCB drill bits	0.5mm	10		
		1mm	10		
		2mm	10		
		3mm	5		
		5mm	5		
37	Multi-strand wire	20 meter bundle	5		
38	Nose Plier		5		
39	Multi-meter	Digital	5		
40	Bread Board	White	10		
41	Voltage dimmer	2000Watt	5		
42	PCB Drilling Machine	Pillar Drill	1		
43	PCB cutter	Electric cutter	2		
Total Basic Amount					
Taxes =					
Grand total (Total mount + Taxes) =					

The rate quoted shall be in accounting units (A/U) and should be quoted as basic price, all other costs including freight, insurance, packaging and forwarding duties/levies and taxes.

Signature of the tenderer
with stamp

[Covering letter to submitted by the bidder on letter head]

To,
The Director,
Indian Institute of Information Technology Pune,
Sudumbare, Talegaon – Chakan Road, Tal.-Maval, Dist.-Pune
Pune -412109,

Subject: Tender for Part: A/ Part: B/ Part: Cat Indian Institute of Information
Technology Pune.

Sir,

I have carefully gone through the tender document regarding the prequalification of agencies/ vendors for Analog Communication Laboratory Equipments, at Indian Institute of Information Pune.

I shall be bidding in this tender as the sole representative of my company. I hereby declare that

1. All the information related to my company, customer base, projects, financial details, data sheet of the products offered etc., provided in my offer is true and without any alteration/modification.
2. All the provisions of this tender document are acceptable to my company. No violation of the terms and conditions as mentioned in the tender document has been made.
3. I declare that my company or any member of the company has not been debarred / black listed by any Government / Semi –Government organizations in India.
4. I certify that the period of validity of bid is 120 (one hundred and twenty) days from the last date of submission of proposal I further certify that I am authorized signatory of my company and I am, therefore competent to make this declaration.

Yours faithfully,

(Signature of the bidder)

Seal and signature of Manager
/Representative of the company/firm On
behalf of the company/
Firm submitting tender
Telephone:
Mobile:
Fax:.....
Mail:.....
Contact Person Name:.....
Contact Person Designation:

**Appendix –A (To be filled up by the bidder)
Following details required for all bidders**

Sr. No.	Name & Full Address of the firm:	Necessary Documents Submitted (Yes/No)
1.	Registered Office with Address (Copy of registration certificate of firm may be enclosed)	
2.	Pan no.	
3.	Previous Purchase order details	
4.	Whether limited company or Pvt. Ltd. or Partnership	
5.	Name & Addresses of the person who will represent the firm while dealing with the Institute.	
6.	GST Registration number	
7.	Do you have Technology as your primary business; and are You An Original Equipment Manufacturer Or Authorized System Integrator(s) ?	
8.	Do you have experience for at least 3 years in the relevant field of supply, installation, commissioning and maintenance of similar project? Have you completed at least one similar project during the previous three years?	
9.	Are you authorized by your principal (for all the respective items) to quote the bid?	
10.	Have you duly filed Income Tax Returns, Service Tax and other applicable taxes for the past three years?	
11.	Have you been blacklisted by any government authority in India? If so, then you will not be eligible. Submit Self-Certification stating you are not blacklisted in the past.	

Seal and signature of Manager /Representative of the firm On behalf of the firm submitting Tender

Telephone:.....
 Mobile:.....
 Fax:.....
 Mail:.....
 Contact Person Name:.....
 Contact Person Designation:.....