



राष्ट्रीय प्रौद्योगिकी संस्थान, मणिपुर  
**NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR**

Langol Campus, .Ph. (0385) 2445812 / email:- [nitmn@nitmanipur.ac.in](mailto:nitmn@nitmanipur.ac.in)  
An Autonomous Institute under MHRD, Govt. of India.

**INVITATION FOR QUOTATION**

**TEQIP-III/2018/nitm/Shopping/6**

**08-Jan-2018**

To,

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.....  
.....

**Sub: Invitation for Quotations for supply of Goods**

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	3D scanner	1	60	NIT Manipur	
2	Allen key	2	60	NIT Manipur	
3	Angle Grinder	2	60	NIT Manipur	
4	Arduino Uno - R3	5	60	NIT Manipur	
5	Bench Grinder	1	60	NIT Manipur	
6	Bench Top DIGITAL MULTIMETER	1	60	NIT Manipur	
7	Blower	1	60	NIT Manipur	
8	CIRCULAR SAW MACHINE	1	60	NIT	



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				Manipur	
9	COLOUR PRINTER	1	60	NIT Manipur	
10	Combination set	5	60	NIT Manipur	
11	Cut-off Saw	2	60	NIT Manipur	
12	DC MULTIPLE OUTPUT POWER SUPPLY	1	60	NIT Manipur	
13	DESKTOP COMPUTER	1	60	NIT Manipur	
14	Double ended Spanner	2	60	NIT Manipur	
15	DSLR Digital Camera	1	60	NIT Manipur	
16	Electronic Consumables	1	60	NIT Manipur	
17	Fire Bird V LPC2148 adapter card	1	60	NIT Manipur	
18	Fire Bird V P89V51RD2 adapter card	1	60	NIT Manipur	
19	FireBird V Robot	1	60	NIT Manipur	Yes
20	Heat Guns	1	60	NIT Manipur	
21	LAPTOP	1	60	NIT Manipur	
22	Metal-gear Servo Motors	2	60	NIT Manipur	yes
23	MULTI PROCESS INVERTER BASE DC WELDING MACHINE FOR TIG, MIG & MMAW	1	60	NIT Manipur	Yes
24	Outside micrometer	2	60	NIT Manipur	
25	Polisher	1	60	NIT Manipur	Yes
26	Portable Circular Saw	2	60	NIT Manipur	Yes
27	Portable Drill Machine	2	60	NIT	Yes



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				Manipur	
28	Portable Jig Saw Machine	2	60	NIT Manipur	yes
29	Portable Sanders Machine	2	60	NIT Manipur	Yes
30	printer 3D	1	60	NIT Manipur	Yes
31	Raspberry-Pi	5	60	NIT Manipur	Yes
32	Ring Wrench	4	60	NIT Manipur	
33	SCANNER	1	60	NIT Manipur	Yes
34	Solder wire	2	60	NIT Manipur	
35	Soldering iron, 125 watt	10	60	NIT Manipur	
36	Soldering paste container	20	60	NIT Manipur	
37	Straight Grinder	1	60	NIT Manipur	Yes
38	Tool box (big size)	1	60	NIT Manipur	No
39	Wood Working Machine	1	60	NIT Manipur	Yes
40	Zigbee Modules	2	60	NIT Manipur	Yes
41	Zigbee Modules Adapter	1	60	NIT Manipur	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
  - 3.1 The contract shall be for the full quantity as described above.
  - 3.2 Corrections, if any, shall be made by crossing out, initiating, dating and re writing.



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3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

**Delivery and Installation - 90% of total cost**

**Satisfactory Acceptance - 10% of total cost**

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **13:30** hours on **29-Jan-2018** .



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12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes**
14. Testing/Installation Clause (if any) **Yes, Testing and Installation is required.**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
Langol, Imphal West 795004
17. We look forward to receiving your quotation and thank you for your interest in this project.

Sd/- Dr. S. Birendra Singh

Director

NIT Manipur



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Sr. No	Item Name	Specifications
1	3D scanner	1100 W, Grinding/Polishing disc dia. 125mm, No-load speed 2800-11000 rpm
2	Allen key	Allen key set
3	Angle Grinder	1100 W, Grinding/Polishing disc dia. 125mm, No-load speed 2800-11000 rpm
4	Arduino Uno - R3	Microcontroller: ATmega328. Operating Voltage: 5V. Input Voltage (recommended): 7-12V. Input Voltage (limits): 6-20V. Digital I/O Pins: 14 (of which 6 provide PWM output) Analog Input Pins: 6. DC Current per I/O Pin: 40 mA. DC Current for 3.3V Pin: 50 mA.
5	Bench Grinder	600 W, No-load speed 50Hz: 2900 rpm, 60Hz: 3500rpm
6	Bench Top DIGITAL MULTIMETER	Count: 33000
7	Blower	820 W, No-load speed 16000 rpm, 3 Volumetric flow rate 4.5 m <sup>3</sup> /min
8	CIRCULAR SAW MACHINE	3 HP 1440 RPM 3 Phase Electric Motor
9	COLOUR PRINTER	Print Speed : Mono: A4: 16 ppm , Colour: A4: 4 ppm
10	Combination set	Combination set
11	Cut-off Saw	2000 W, No-load speed 3500 rpm, Disc diameter 355 mm, Bore dia. 25.4 mm
12	DC MULTIPLE OUTPUT POWER SUPPLY	Dual Tracking DC Output: 2 X 30V/3A
13	DESKTOP COMPUTER	Processor: Intel Core i-3 Processor (min 3.6 GHz, 3 MB, 2 Core)
14	Double ended Spanner	Double ended spanner set
15	DSLR Digital Camera	Optical Sensor Resolution :> 16 Megapixels
16	Electronic Consumables	Differentiation and consumer appeal are polished by visually and functionally innovative surfaces. The finishing processes must be absolutely clean, accurate, fast and reproducible as the production volumes are huge
17	Fire Bird V LPC2148 adapter card	Fire Bird V LPC2148 adapter card
18	Fire Bird V P89V51RD2 adapter card	Fire Bird V P89V51RD2 adapter card
19	FireBird V Robot	Fire Bird V provides an excellent environment for experimentation, algorithm development and testing.
20	Heat Guns	Power Input 2000 W, Temperature range 500- 6300 C, Air flow rate



		150/300/500 L/min
21	LAPTOP	Processor : Intel® Core™ i5-7200U
22	Metal-gear Servo Motors	High Torque Servo motor
23	MULTI PROCESS INVERTER BASE DC WELDING MACHINE FOR TIG, MIG & MMAW	TECHNICAL SPECIFICATIONS: 1. Mains voltage (tolerances): 3 x 400 V (-25 % - +20 %) 2. Mains fuses (slow-blow) [A] : 3 x 35 3. Setting range for welding current [A]: 5 - 400 4. Duty cycle 40 °C : 400 A / 60 % 5. Duty cycle 40 °C : 360 A / 100 % 6. Dimensions L x W x H [mm]: 624 x 298 x 535 7. Weight [kg] : 41 8. Wire speed [m/min]: 0.5 – 24 9. Dimensions, wire feed unit L x W x H [mm]: 690 x 300 x 410 10. Weight, wire feed unit [kg] : 15.1 11. Dimensions cooling module in mm : 610 x 298 x 330 12. Weight, cooling module [kg] : 16.5
24	Outside micrometer	High-accuracy micrometer with 0.0001mm resolution Instrumental error: +/-0.5um
25	Polisher	1250 W, Grinding Spindle thread M 14, No-load speed 750-3000 rpm
26	Portable Circular Saw	Blade diameter 235 mm, Cutting depth 900/450- 85/65 mm, Power Input 2100 W
27	Portable Drill Machine	1100 W, Drilling Dia.: In concrete 22/13 mm, In masonry 24/16 mm
28	Portable Jig Saw Machine	Cutting depth in wood 135 mm, in aluminium 20 mm, in steel 10 mm
29	Portable Sanders Machine	Sanding Disc Dia. 150 mm, Oscillations 9000-24000 opm, Oscillations Circuit Dia. 4 mm,
30	printer 3D	<ul style="list-style-type: none"> <li>• Printing Area 400x400x400 mm</li> <li>• Printing volume approx. 64 liters</li> <li>• Available nozzle diameters: 0,30 – 0,40 – 0,50 (default) – 0,60 – 0,80mm</li> <li>Minimum layer thickness: 0,05 mm (50 microns)</li> <li>• Precision tolerance, excluding material retraction: <ul style="list-style-type: none"> <li>• X-Y axes: 0,08 mm (80 microns)-</li> <li>asse Z: 0,01 mm (10 micron)</li> </ul> </li> <li>• Z axis: 0,01 mm (10 microns)</li> <li>• Extruder maximum temperature: 285° C</li> <li>• Printing bed maximum temperature: 120° C</li> <li>• Filament diameter: 1,75 mm</li> </ul>
31	Raspberry-Pi	Processor speed ranges from 700 MHz to 1.2 GHz for the Pi 3; on-board memory ranges from 256 MB to 1 GB RAM
32	Ring Wrench	Ring Wrench Set
33	SCANNER	Scanner Type: Flatbed
34	Solder wire	Diameter 1.0 mm
35	Soldering iron, 125 watt	125 watt
36	Soldering paste container	Preferably, the container holds solder paste and the container is made of metal having a composition similar to the composition of



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		the metal part of the paste in the container
37	Straight Grinder	Grinding point max. dia. 25 mm, Tool holder 8 mm
38	Tool box (big size)	Big Size
39	Wood Working Machine	13" x 48" Capacity
40	Zigbee Modules	Zigbee protocols are intended for embedded applications requiring low power consumption and tolerating low data rates. Zigbee is not for situations with high mobility among nodes. Hence, it is not suitable for tactical ad hoc radio networks in the battlefield, where high data rate and high mobility is present and needed.
41	Zigbee Adapter Modules	XBee adaptor board is used for interfacing XBee wireless module on any prototyping board with ease. It has onboard 3.3V low voltage regulator and LED indicators for RSSI, Associate and Power. Connections to all pins of the XBee wireless module are available using 2x10 0.1inch (2.54mm) pitch berg connectors in the same order as of the XBee wireless module. It can be directly mounted on the general purpose PCB board. Specifications: Power: 5 to 12V DC LED indication: RSSI, Associate, Power Onboard 3.3V low voltage regulator for power to the XBee wireless module. Connections to all pins of the XBee wireless module are available using 2x10 0.1inch (2.54mm) pitch berg connectors.

**FORMAT FOR QUOTATION SUBMISSION**





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(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

\_\_\_\_\_  
\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.



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We confirm that the normal commercial warranty/ guarantee of ----- months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_