

## INVITATION FOR QUOTATION

**Package Name: Pressure sensor matrix /Shopping**

**DIC/UIET/2016**

**Date: 03.04.2017**

To,

### **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,

<b>Sr. No</b>	<b>Brief Description</b>	<b>Qty</b>	<b>Delivery (In days)</b>	<b>Place of Delivery</b>
1.	Pressure sensor matrix	1	30	UIET, Sector 25 Chandigarh

2. Quotation,

2.1 The contract shall be for the full quantity as described above.

2.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

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

2.4 Applicable taxes shall be quoted separately for all items.

2.5 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.

2.6 The Prices should be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

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

5. Evaluation of Quotations,

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

5.1 are properly signed ; and

5.2 confirm to the terms and conditions, and specifications.

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

7. 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.

7.1 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.

7.2 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.

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

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

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

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

10. You are requested to provide your offer latest by **17:00** hours on **16.04.2017**.

11. Detailed specifications of the items are at Annexure I.

12. Training Clause (if any) **NA**

13. Testing/Installation Clause (if any) **yes**

14. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

15. Sealed quotation to be submitted/ delivered at the address mentioned below,

University Institute of Engineering and Technology, Sector-25, South Campus Panjab University  
Chandigarh

17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

**Annexure I**

Sr. No	Item	Qty	Specification
<b>Pressure Sensor Matrix</b>			
1.	Snowboard arduino	1	<ul style="list-style-type: none"> <li>• Arduino Leonardo compatible</li> <li>• Onboard force controller - supports upto 10x16 matrix sensors</li> <li>• Microprocessor: Atmel ATmega32U4</li> <li>• Operating voltage: 5V</li> <li>• Power Consumption: 7mA / 2461mAh</li> <li>• 20 digital I/O pins</li> <li>• 7 PWM channels</li> <li>• 12 analog input channels</li> <li>• 32KB of flash memory of which 4KB used by boot loader</li> <li>• 2.5KB of SRAM and 1KB of EEPROM</li> <li>• 16MHz clock speed</li> <li>• Communication - Micro B USB cable</li> <li>• Size: 94.1mm x 75.05mm</li> </ul>
2.	384mmX384mm Sensor Matrix	1	<ul style="list-style-type: none"> <li>• Size: 461(W) X 479(H) (mm)</li> <li>• Active sensing area: 384X384 (mm)</li> <li>• Sensel size: 8X8 (mm)</li> <li>• Device thickness: 0.91 (mm)</li> <li>• Tail: 49mm Long</li> <li>• Connector: Four bottom contact 1.0mm Pitch 26 way connectors Weight: 177g</li> <li>• Matrix type: Shunt</li> <li>• Sensing type: Piezoresistive</li> <li>• Force sensitivity: 0.5 (kg) with force spread on 1.5cm<sup>2</sup> square area with rubber between loading</li> </ul>

			<p>object and sensor.</p> <ul style="list-style-type: none"> <li>• Pressure sensitivity: 0.22 kgf/cm<sup>2</sup></li> <li>• Total Force: 10kg</li> </ul> <ul style="list-style-type: none"> <li>• Note 1: Force and pressure range can be changed according to the characteristics of loading object.</li> <li>• Note 2: Sensor output is saturated over force and pressure over indicated sensing range.</li> </ul>
3.	MA1010 Snowboard Adapter for 48x48 FSR Matrix Sensors	1	<p>This adapter board is to connect Snowboard and 48x48 FSR matrix sensors</p> <p>Snowboard supports 16x10 (16 rows and 10 columns) low resolution sensors.</p>

**FORMAT FOR QUOTATION SUBMISSION**

(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.

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: \_\_\_\_\_