

## Request for quotation

Enquiry number: AE/MK/2016-17/UGA Robot Base

Enquiry date: 05/12/2016

Closing Date: 21/12/2016

Sealed quotations should reach the undersigned latest by **5 PM** on **December 21, 2016** for the following:

Serial #	Description	Quantity
1	OX DELTA 4WD Research Platform	1

### **Technical specifications:**

- External Dimensions(L x W x H):
  - Length : 92cm to 213cm
  - Width : 61cm to 121cm
  - Height : less than 180cm
- Weight: 39 kg
- Ground Clearance: 80mm
- Max. Payload: 30 kg
- ALL-Terrain Payload: 25 kg
- Max Speed: 2.0m/s (4.47 mph)
- Drivetrain / Driver Power: 4x4 Zero-Maintenance
- Max Climb Grade: 30°
- Battery Chemistry: Lithium Polymer
- Capacity: 24 V, 10Ah
- Runtime-Standby: 8 Hours
- Runtime-Nominal Usage: 3 Hours
- Charge Time: 4 Hours
- User Power: 5V, 12V, 24V Fused at 5A each, 192W total available power
- Control Modes: Direct voltage, Wheel speed, linear position
- Communication: RS232 57600 baud
- Encoders: Quadrature 2400 counts/m
- Drivers and APIs: ROS, C/C++, Matlab, Scilab
- Operating Ambient Temperature: -10 to 40 °C
- Storage Temperature: -40 to 50 °C
- Rating: IP 54
- GPS receiver module
- Stereo camera

- 2.4 GHz Remote Control
- waterproof ultrasonic range sensors
- waterproof Sharp IR range sensors
- Computing platform: Intel i5/i7 NUC

**Terms and conditions:**

- Quotations should have a validity of minimum of 60 days
- The equipment should be provided with a warranty of at least one year after installation
- The delivery period should be specifically stated.
- Permissible educational discount should be provided since the equipment will be used for research work of students.
- For suppliers from outside India, the rate offered should be FOB (specify city)/ FCA terms/CIF New Delhi.
- IIT Kanpur has its own freight forwarder for shipping from outside India.
- Propriety certificate/ authorization certificate should be provided if applicable.

**Address for the quotation:**

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