

**Department of Electrical Engineering**  
**Indian Institute of Technology, Kanpur**

15June, 2016

**Reference No: IIT/EE/LB/2016-17/P/04**

**Subject: Inviting sealed quotations for: The Matrice 100 – Development Drone.**

Sealed quotations are invited for Matrice 100 for research purpose. The Matrice 100 is a development drone which can be customized to meet the requirements of the user. Since its release in December 2015, it has found wide application in surveillance and inspection domain. This to a large extent can help in solving the problems related to noninvasive inspection of gas and oil pipelines.

The requirements are mentioned below:-About the product:

**Product specification:**The Matrice 100 – Development Drone

Weight with battery: 2431g (Maximum) (Single battery)

Maximum Takeoff weight: 3600g

Gimbal and camera weight: 250g

Maximum wind resistance: 10m/sec

Maximum speed on no payload: 22m/sec

Hovering time (1Kg payload): 13 minutes

Hovering time with gimbal: 19 minutes

**Required components:**

1. Matrice 100 Kit
2. Guidance system (without connector)
3. Gimbal and camera (Without camera)
4. Connectors for the guidance
5. Connectors for the gimbal
6. Propeller Guard

**Terms and conditions:**

- Maximum educational discounts should be applied
- Institute is exempted for payment of Excise Duty under notification No. 10/97
- Validity of quotation should be at least for 60 days.
- Warranty/Guarantee should be clearly mentioned.
- Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection).
- Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.

- The delivery should be specifically stated. Earlier delivery may be preferred.
- The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

**Last date for submission of quote is 29<sup>th</sup> June 2016.**

The Quotation in sealed envelope should be sent to the following address:

**Dr. Laxmidhar Behera**

Professor.

WL-Room No. 212A

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