

**Indian Institute of Technology Kanpur
Department of Civil Engineering**

Date: 17.08.2013

To

Ref. No: CE/GI/LTAS/03/2013-2014

Closing Date: 02.09.2013 Time: 5PM

Sub: Quotation for UAV based system for photogrammetric Technique survey.

Dear Sir/Madam,

We would like to procure UAV based photogrammetry system for use in laboratory for teaching and research purposes. You are invited to provide quotations as educational pack with the following features.

Required Features:

S N	Description	Required Quantity
1.	Unmanned Ariel Vehicle (UAV) fixed wing Light Weight less than 3.0kg Small wing span less than 1.20m Battery should be easily replaceable and available Endurance minimum 40 Minute Range minimum 50 Km Cruise Speed above 60Km/h Take-off and landing area not more than 60m strip Maximum ceiling 4000m Minimum image GSD 2.5cm Height above take-off location (above ground level) 75m to 700m Camera minimum 15MP (mirror less APSC) Controller Laptop or tablet-ruggedized Communication & control range up to 5Km Automated system for pre-flight checks Automatic take off, flight and landing Autonomous camera triggering Automated fail-safe routines User controlled fail-safe commands Automated post-flight checks Mission Planning software with Multiple Flight option Take off time, Take off angle, Landing Type, Landing Angle	1
2.	Annual maintenance contract on the above for	3 years

Service Features

- 1) Warranty period should be clearly mentioned in the quotation. Local maintenance support should be available. If not, please mention where the machine will be serviced in the event of failure. Further mention whether stand-by machine will be provided during downtime within warranty period.

You are requested to submit your quotation in sealed envelope mentioning the following:

1. Cost of the item including warranty/free maintenance
2. Technical specifications in detail.
3. Warranty period to be clearly mentioned in quotation.
4. Delivery time (items are to be delivered at IIT Kanpur)
5. Educational discount applicable considering end use for research and teaching
6. Payment terms (as per standard IIT Kanpur norms).
7. Proprietary Certificate, if applicable.
8. Any other relevant details.

Last date for the receipt of quotations: 2 September, 2013. Please note that your quotation must provide responses to all points raised under service features.

Please call Dr. Bharat Lohani at 0512-2597413 for any further queries/clarifications in this regard.

Yours Sincerely

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