

# YOGI VEMANA UNIVERSITY

Vemanapuram, KADAPA-516003, Andhra Pradesh, INDIA

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ISRO-GBP:ARFI-YVU Project



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**YVU/PHY/YNA/ISRO-GBP/HAPC/CQ/2017-18**

**03.01.2018.**

Sir,

**Sub:** Department of Physics, Yogi Vemana University, Kadapa – Supply of **Lighthouse Handheld Airborne Particle Counter (Model: 3016-IAQ)** in ISRO-GBP:ARFI-YVU Project – Call for Quotations – Req. - Reg.

You are requested to send your lowest quotation in duplicate towards the supply of the **Lighthouse Handheld Airborne Particle Counter (Model: 3016-IAQ) along with accessories and spares** with the following specifications listed below with terms and conditions so as to reach **“The Registrar, Yogi Vemana University, Vemanapuram, Kadapa-516 003, A.P., on or before 24.01.2018 through Speed Post/Registered Post:**

S.No.	Particulars	Quantity required
1	Handheld Airborne Particle Counter with the following Specifications: <b>Model:</b> 3016-IAQ <b>Make:</b> Lighthouse, USA <b>Size Range &amp; Channels:</b> 0.3 – 10.0 $\mu\text{m}$ ; 6 No.s of Channels i.e., 0.3, 0.5, 1.0, 2.5, 5.0, 10.0 $\mu\text{m}$ <b>Flow rate:</b> 0.1 CFM (2.83 LPM) <b>Source:</b> Laser Diode <b>Measurement type:</b> Mass concentration <b>Efficiency:</b> At least 50% for particles of 0.3 $\mu\text{m}$ and 100% for particles $>0.45 \mu\text{m}$ <b>Data storage:</b> 3,000 or more records, rotating buffer <b>Port:</b> Built-in USB flash drive <b>Communication mode:</b> USB or RS-232 via RJ-45 to PC <b>Supporting Software:</b> LMS Express 7.0 for 21 CFR Part 11 data security. <b>Environmental Sensors:</b> Temperature and Humidity <b>Touch Screen Display:</b> 3.5 inch color TFT display <b>Sample inlet:</b> Isokinetic sampling probe <b>Battery:</b> Rechargeable Li-ion battery <b>External battery charger</b> – 1 No. <b>Warranty:</b> At least for 2 years <b>Calibration Certificate:</b> 21501-4	1

The Sealed quotation should invariably be super scribed as **“Quotation for supply of Lighthouse Handheld Airborne Particle Counter (Model: 3016-IAQ) along with accessories and spares against enquiry YVU/PHY/YNA/ISRO-GBP/HAPC/CQ/2017-18 dt. 03.01.2018, Due date 24-01-2018”**. You are also requested to send the catalog if any.

**Dr. Y. NAZEER AHAMMED**  
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