

Inquiry number: POWER/UPE/03/2015

Date: 18/02/2015

Item: Quotation required in sealed envelopes for item **Wireless Sensor and Actuator Network kit** comprising of followings for the UPE Green energy Project:

Item	Details	Quantity
Wireless Sensor and Actuator Network kit (IEEE 802.15.4 (ZigBee) based)	<ul style="list-style-type: none">• 5 On-board user-programmable IEEE 802.15.4 compliant wireless development boards having following general features of each development board:<ul style="list-style-type: none">✓ RISC Microcontroller✓ 2.4GHz IEEE 802.15.4 compliant API/AT command supported RF Module]• 2 Device programming module• Programming Accessories• 2 humidity sensor boards, 2 temperature sensor boards, 2 light sensor boards, (for sensing application) & 2 nos.LED, buzzer, relay boards for actuation (all sensor & actuator boards should be compliant with the wireless development boards)• 1 GSM-GPRS Modem for Control Station• 6 Power Adaptors• 2 RS232 Cables• 4 USB Cables• Firmware Development IDE and HEX Code Burner Software• Web enabled software suite with network visualization, configuration, analysis utilities and application development environment that enables user to view real-time status of sensors, to generate alert notification based on pre-configurable rule and to send actuation commands to actuators in the Wireless Sensor Actuator Network.• A complete documentation on application development, Software Quick Start, technical reference for Circuit Diagram, Firmware Development.	1

• **Terms and conditions:**

- Price to be quoted inclusive of tax, duties and transportation & handling charges.
- Payment terms: 100% after receipt of the materials in good condition
- For further details and queries, contact HOD Power Engg. Department

Quotation is to be submitted in sealed envelop

Last date of submission is 28th February 2015, 12.00 noon at the office of the Department of power engineering.