



University of Calcutta

Tender Notification

Enquiry No.: AP/1/ENQ/KDS/WB-DST/18-19

DATED: 16.11.2018

Quotations are invited from authorized parties for supplying the under noted items for the WB-DST Project “Development of energy efficient intelligent building architecture based on user activity” (Ref No. 181(Sanc.)/ST/P/ S&T/6G-3/2017 dated: 16/03/2018) under Dr. Kaushik Das Sharma (PI). Suppliers are hereby requested to submit their quotation including the current Trade License, PAN No., copy of GST registration certificate, copy of company registration certificate and other credentials within 7 days from the publication of this notice in a sealed envelope addressed to the undersigned. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

Technical specifications of the Items

SI No	Item	Specifications	Quantity	
1.	Sensors Module	Temperature	HITSAN DC 4V-30V LM35D Digital Temperature Sensor (Part number: 1242446)	10 pc
		Humidity	Supply : 3.3~5.5V DC, Measurement Range : Humidity 20-90%RH, Temperature: 0~50°C. (Part number: DHT 11)	10 pc
		Light intensity	Ambient Light Sensor IC Series, Supply : Max 4.5V DC Digital 16bit Serial Output Type Ambient Light Sensor IC (Part number: BH1750FVI)	10 pc
		Motion	HC-SR501 IR Pyroelectric Infrared PIR Motion Sensor Detector Module (Part number: HC-SR501)	10 pc
		Vision	1. Raspberry PI 5MP Camera Board Module 2. Arducam ESP8266 UNO Board and OV2640 Arducam Mini Module Camera Shield Compatible with Arduino UNO R3	10 pc
		Mini Microphone	Operating voltage: 3.3 to 5VDC (Part number: BE-000006)	10 pc
2.	Raspberri Pi Modules	1. Raspberri Pi – 3 Model B with Case and all accessories 2. Raspberri Pi – Zero with Case and all accessories 3. Raspberri Pi – Zero W with Case and all accessories 4. Raspberri Pi – TV HAT 5. Raspberri Pi – Universal Power Supply 6. Raspberri Pi compatible HDD with interfacing accessories for server configuration	4 pc 2 pc 12 pc 2 pc 3 pc 1 set	
3.	Arduino Microcontroller Boards	1. Arduino UNO R3 2. Arduino Due 3. Arduino Micro 4. Arduino Nano 5. Arduino Mega 2560 R3 6. Arduino Leonardo with Headers	6 pc 2 pc 2 pc 2 pc 5 pc 1 set	
4.	Microsoft Kinect Sensor	Microsoft Kinect Xbox One Sensor with adapter	1 set	
5.	16 channel Wi-fi N Router	16 channel Wi-fi N Router	1 pc	

Dr. Kaushik Das Sharma
Department of Applied Physics
University of Calcutta
92 APC Road, Kolkata - 700009



University of Calcutta

Tender Notification

Enquiry No.: AP/2/ENQ/KDS/WB-DST/18-19

DATED: 16.11.2018

Quotations are invited from authorized parties for supplying the under noted items for the WB-DST Project "Development of energy efficient intelligent building architecture based on user activity" (Ref No. 181(Sanc.)/ST/P/ S&T/6G-3/2017 dated: 16/03/2018) under Dr. Kaushik Das Sharma (PI). Suppliers are hereby requested to submit their quotation including the current Trade License, PAN No., copy of GST registration certificate, copy of company registration certificate and other credentials within 7 days from the publication of this notice in a sealed envelope addressed to the undersigned. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

Technical specifications of the Items

Sl No	Item	Specifications	Quantity
1.	Air HVAC System	1.5 Ton Split, 3 Star, Rotary type Compressor, Air Heating Cooling and Ventilation System with remote control	1 pc
2.	Television	32 inch Screen Size, Smart full HD LED type Television System with HDMI port, USB port and remote control	1 pc

Dr. Kaushik Das Sharma
Department of Applied Physics
University of Calcutta
92 APC Road, Kolkata - 700009



University of Calcutta

Tender Notification

Enquiry No.: AP/3/ENQ/KDS/WB-DST/18-19

DATED: 16.11.2018

Quotations are invited from authorized parties for supplying the under noted items for the WB-DST Project "Development of energy efficient intelligent building architecture based on user activity" (Ref No. 181(Sanc.)/ST/P/ S&T/6G-3/2017 dated: 16/03/2018) under Dr. Kaushik Das Sharma (PI). Suppliers are hereby requested to submit their quotation including the current Trade License, PAN No., copy of GST registration certificate, copy of company registration certificate and other credentials within 7 days from the publication of this notice in a sealed envelope addressed to the undersigned. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

Technical specifications of the Items

Sl No	Item	Specifications	Quantity
1.	LED Light	LED Lighting fittings with 14W LED T-Bulb Base B22, Rectangular Shape, Crystal White/Cool Day Light	10 pc
2.	BLDC Fan	900 mm., ~ 28 W, ~ 48-52 Hz, 3 blades Fan with automatic regulation facility through remote control	1 pc

Dr. Kaushik Das Sharma
Department of Applied Physics
University of Calcutta
92 APC Road, Kolkata - 700009