



University of Calcutta

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Quotation Call Notice

Enquiry No.: AP/7/ENQ/KDS/UPE-II/19-20

DATED: 26.08.2019

Quotations for the following item(s) are invited from authorized parties for supplying the under noted items for the Project Head UGC UPE-II grant: Focus area: Modern Biology, Group Cluster: "Image & Imaging" under Dr. Kaushik Das Sharma (PI) and DR. Anjan Kundu (Group Leader). Suppliers are hereby requested to submit their quotation including the current Trade License, Service Tax Registration Certificate, PAN No., copy of registration certificate with statutory authorities 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.

Sl no.	Item	Description	Quantity
1.	USB type A-mate to B-male cable	To power/interface Arduino UNO board	5
2.	USB type A-mate to micro B-male cable	To power/interface raspberry pi board	5
3.	USB to Mini USB Cables		5
4.	USB Mini B to USB A	To power/interface Arduino NANO board	5
5.	RC Servo motor	For robotic application	6
6.	GPS module for micro size quadcopter	For quadcopter application	2
7.	Industrial battery with clip connector	9 volt	10
8.	AAA battery	Multipurpose	10
9.	VGA to HDMI converter		2
10.	Raspberry pi camera	5 megapixel fixed focus	2
11.	Raspberry pi 3 B+ with enclosure		2
12.	Memory card with adapter/card reader (HP/Sandisk/Samsung)	16 GB micro-SD	5
13.	Raspberry pi with USB Wi-Fi adapter	<ul style="list-style-type: none"> ▪ Radio controller ▪ Flight command controller 	1
	MultiWii / Ardupilot	<ul style="list-style-type: none"> ▪ Flight controller ▪ IMU unit 	1
	Hobby King 30A ESC	<ul style="list-style-type: none"> ▪ Converts a digital signal into analog for a motor 	6
	GPS module	<ul style="list-style-type: none"> ▪ Localize the current environment 	1
	Turnigy D2836/8 1100KV Brushless Motor	D2836/8 1100KV	6
	Propeller	<ul style="list-style-type: none"> ▪ 10.45-inch propellers 	2 pair CW and 2 pair CCW

	LiPo Battery	<ul style="list-style-type: none"> ▪ 3S 3330 mAh 9V ▪ Power the motor 	1
	10000mAh Power Bank	<ul style="list-style-type: none"> ▪ Power the Pi 	1
	Power distribution board	<ul style="list-style-type: none"> ▪ Distributes electricity 	1
	3.5mm Spring Connectors (male/female)	<ul style="list-style-type: none"> ▪ 12 3.5mm female connectors to solder onto the ESCs for the motor connections. ▪ 8 3.5mm male connectors to solder onto the ESCs for the power distribution board. 	4
	XT60 Female To 4mm Bullet Connector	<ul style="list-style-type: none"> ▪ Battery and power distribution board 	4
	F450 QuadCopter Integrated PCB Version	Wheelbase: 210mm Height: 55mm Frame weight: 116g Estimated Flying Weight: 411g (w/electronics and battery) Motor Mount Holes: 16/19mm	1
	Feet	2.5cm wide and 7cm tall plastic cutouts (apprx.)	1
	Velcro Strips	For battery, Pi, wi-fi adapter	1 pack
14.	Arduino UNO		1
	Wheels for Bo motor	10 mm width 70 mm height	6
	Vehicle Chassis		2
	Bo DC Motor and Tachometer		6
	MPU6050 (Gyroscope and Accelerometer)		3
	L298D H-Bridge		4
15.	EVAL-AD5933EBZ	Evaluation Board, AD5933 1MSPS 12-Bit Impedance Converter Network Analyzer	1
16.	Comfort Mouse Pad		10

Address for Communication:

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