

Dr. B. C. Roy Engineering College
Jemua Road, Fuljhore, Durgapur, Paschim Bardhaman 713206

No. BCREC / 26-27 /ECE/ 001/ NIQ

Date: 03/07/2026

NOTICE INVITING QUOTATION

Sealed quotations are invited from reputed firms / suppliers for **supply of the "Equipment and Consumables" as per the requirement (enclosed herewith) to Dr. B. C. Roy Engineering College, Jemua Road , Fuljhore, Durgapur, Paschim Bardhaman 713206, for the financial year 2026-27.**

Mere submission of quotation / lowest price for the process doesn't ensure any assurance for the work order. Quotation/s must be submitted in original separately, clearly mentioning validity period for approved rates (basic price), all taxes, installation charges, discounts (if any), rate of changes to be incorporated in subsequent years etc. along with any other costs thereon; failing which tender will be summarily rejected.

All other legal documents must be furnished along with quotations such as Experience Certificate (certificate from the customer dated not more than 3 years), PAN / TAN, valid Trade License, One Cancelled Cheque, GST Reg. No., IT return of last 3 years etc. Quotations must contain detailed aforementioned specifications along with other information and terms and conditions if required. No advance money will be provided for execution of the job. **Full payment will be made either by cheque or online by the institution after successful completion of the work (delivery, installation and demonstration). Last date for submission of quotation will be 25/07/2027 up to 17.00 Hrs.** The quotation is valid for the entire period of the financial year ending on **31-03-2027**. The quotation documents are non-refundable. Work Order will be issued to qualified L1 bidder as per the requirements of the college throughout the entire financial year subject to fulfillment of all rules and regulations. **The Tender Inviting Authority (TIA) reserves the right to accept / reject any quotation without assigning any reason thereof.**

Payment and delivery schedule must have to be mentioned in the quotation.


Head 03/07/26

Department of Electronics and Communication Engineering
Dr. B. C. Roy Engineering College



DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

DEDICATED TO QUALITY EDUCATION
AFFILIATED TO MAKAUT | APPROVED BY AICTE | *NBA ACCREDITED | NAAC ACCREDITED
An Autonomous Institute

Electronics & Communication Engineering Department

SL NO	ITEM TYPE	ITEM/SPARE PART DETAILS	QUANTITY
1	Consumable	Single Core Single Strand Hook Up wire Conductor Diameter: 0.511mm	15 Roll
2	Consumable	IC 7400 14 PIN DIP	100
3	Consumable	IC 7402 14 PIN DIP	100
4	Consumable	IC 7404 14 PIN DIP	100
5	Consumable	IC 7486 14 PIN DIP	150
6	Consumable	IC 7476 16 PIN DIP	50
7	Consumable	IC 7408 14 PIN DIP	100
8	Consumable	IC 7415 14 PIN DIP	100
9	Consumable	IC 7474 16 PIN DIP	50
10	Consumable	IC 7483 16 PIN DIP	30
11	Consumable	IC 7410 14 PIN DIP	50
12	Consumable	IC 74151 16 PIN DIP	10
13	Consumable	IC 7432 14 PIN DIP	150
14	Consumable	WIRE STRIPPER	4
15	Consumable	1X/10X 100MHz Oscilloscope probe	20
16	Consumable	PLA Filament, 1.75mm, 1kg spool	3
17	Consumable	MG996R Servo Motor with Metal Gear (180 Degree) with standard attachments	18
18	Consumable	Raspberry Pi 5 Board 4GB with WiFi, Bluetooth	1
19	Consumable	16-channel 12-bit PWM servo driver I2C interface	1
20	Consumable	11.1V 2200mAh 25C 3S Lithium Polymer Battery Pack with Discharge Plug: XT-60	2
21	Consumable	Lipo balance Charger for 2-3 cell Lipo Battery, 2S-3S, 1-2A AC	1
22	Consumable	ABS 3D Printing Filament (White)	1
23	Consumable	S500 Carbon Fiber Quadcopter Drone Frame Kit	1
24	Consumable	Trionex A2212 1400KV BLDC Motor for drone	6

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25	Consumable	SimonK 30A BLDC ESC Electronic Speed Controller with Connectors (Model: SIMONK 30A.) for drone	6
26	Consumable	Propellers (1045 – 10x4.5 inch)CW + CCW pair Nylon / ABS for drone	10
27	Consumable	FlySky FS-16 2.4G 6CH PPM RC Transmitter With FS-IA6B Receiver for drone	1
28	Consumable	AKK KC04 FPV Camera System for live video streaming for drone	1
29	Consumable	Radiolinkcrossflight Flight Controller V1.1	1
30	Consumable	LiPo Battery 3S / 4S (11.1V–14.8V) Capacity: 5200 mAh for Drone	1
31	Consumable	100ml Paint Stripper/Remover Multi Surface Coating Cleaning Solution	2
32	Consumable	PLA Filament spool	2
33	Consumable	ABS Filament Spool	2
34	Consumable	CF10 filament spool	2
35	Consumable	Glue gun with 10 sticks	2
36	Consumable	4 Terminal SMA connector-2.5	50
37	Consumable	2 Terminal SMA connector-2.5	50
38	Consumable	FR4 PCB Sheet Double-sided, 1X1ft	10
39	Consumable	RTDuroid5880/6002/5887(double side copper cladding) (0.8mm,2.2+-0.05) (1X1ft)	2
40	Consumable	DSO Probe (50ohm)	4
41	Consumable	Adapter(coaxial to SMA)-2.5	1
42	Consumable	Arduino Uno with USB Cable	6
43	Consumable	Orange 37 in 1 Sensor Kit	2
44	Consumable	Male to Male Jumper wires (100 pieces Box Pack)	1
45	Consumable	Male to Female Jumper wires (100 pieces Box Pack)	1
46	Consumable	IC 7815 (TO-220-3)	25
47	Consumable	IC 7915 (TO-220-3)	25
48	Consumable	IC 7805 (TO-220-3)	25
49	Consumable	USB 32Ch Servo Motor Controller Board support PS2 WIFI with USB Cable	1
50	Consumable	PLA+ Filament-Pure White (1.75mm/ 1kg Spool)	1
51	Consumable	Raspberry Pi Zero W (Wireless) With In-Built Wifi and Bluetooth	1
52	Consumable	400ml Grey Spray Paint for metal, plastic, wood etc	2

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53	Consumable	200W 20A DC-DC Buck Converter Step Down Module Constant Current LED Driver Module	1
54	Consumable	8mm Spiral Wrapping Band Black 10M for Wires	1
55	Consumable	SafeConnect XT-60 Male Connector Pigtail	1
56	Consumable	Female to Female DuPont Line 40 Pin 30cm	1
57	Consumable	Male to Female Jumper Wires 40 Pin 30cm	1
58	Consumable	Male to Male Jumper Wires 40 Pin 30cm	1
59	Consumable	11.1V 10000mAh 35C 3S Lithium Polymer Battery Pack	1
60	Consumable	e3 2S 3S LiPo Battery Balance Charger AC 100V-240V for RC Car Boat Aircraft Drone Batteries Charging	1
61	Consumable	M1.6x6mm SS Phillips Pan Head Screws Bolt	55
62	Consumable	M1.6x6mm SS Phillips Pan Head Screws Bolt	70
63	Consumable	M3 Hex Nut SS304 (Dia. 3mm)	5
64	Consumable	M3x6mm SS Screw	5
65	Consumable	M2.5 Hex Nut SS304 (Dia. 2.5mm)	20
66	Consumable	M3x10mm Button Head SS Screw	10
67	Consumable	M2.5 Washer SS304 (Dia. 2.5mm)	20
68	Consumable	M3 Washer SS304 (Dia. 3.2mm)	14
69	Consumable	Mixed Fastener Kit (M3/M2.5 Washers, Nuts, Screws, Standoffs)	14
70	Consumable	Resistor(470 Ohms, 1/4 W)	100
71	Consumable	Resistor(1K Ohms, 1/4 W)	100
72	Consumable	RJ45 Connector	100
73	Consumable	SMA Female Jack Solder PCB SMA-KE Mount	100
74	Consumable	Ferric Chloride (FeCl3) PCB Etching Powder For PCB Making	2









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1	Equipment	Digital IC Tester	2
2	Equipment	Digital Multimeter	6
3	Equipment	IP CAMERA-WITH IR	1
4	Equipment	Dielectric Measurement Kit	1
5	Equipment	Tabletop AC ammeter 50mA with large dial	5
6	Equipment	Tabletop DC voltmeter 30V with large dial	5
7	Equipment	NVIDIA Jetson Orin Nano Super Developer Kit	1

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