WPTCKM/475/2026-P1 14-10-2026

Notice Inviting Quotation

Sealed quotations are invited for the supply of the materials specified in the schedule attached below/overleaf. The rates quoted should be for delivery of the articles at the place mentioned below the schedule. The necessary superscription, due date for thereceipt of quotations, the date up to which the rates will have to remain firm for acceptanceand the name and address of officer to whom the quotation is to be sent are noted below.Any quotation received after the time fixed on the due date is liable to be rejected. TheMaximum period required for delivery of the articles should also be mentioned. Quotationsnot stipulating period of firmness and with price variation clause and/or 'subject to priorSale' condition are liable to be rejected. The prices quoted should be inclusive of all taxes,duties, cesses, etc. which are or may become payable by the contractor under existing orfuture law or rules of the country of origin/supply or delivery during the course of executionof the contract. Special conditions, if any, printed on the quotation sheets of the tenders orattached with the tender will not be applicable to the contract unless they are expresslyaccepted in writing by the purchaser.

Quotation Reference No	08/P1/475/2026/GWPTC-KMN
Superscription	Supply of Consumables
Last Date & Time of Receipt of Quotation	23/10/2026 3.00 PM
Date & Time of opening of Quotation	24/10/2026 11.00 AM
Date up to which the rates are to be firm	180 Days from the dat of opening Quotation
Address of the Officer to whom communications are to be sent	THE PRINCIPAL GOVERNMENT WOMEN'S POLYTECHNIC COLLEGE, THIRUVANANTHAPURAM, KAIMANAM, KERALA Mob-9400006417.(Principal) Ph-04712491682, (Computer Engineering Department) Email- wptctvm@yahoo.co.in, prl.wpt.tvm.dte@kerala.gov.in
List Of Items to be supplied	Detailed specification enclosed below or visit 1) http://www.dtekerala.gov.in 2) http://gwpctvpm.ac.in/

Detailed Specification

SL No	ITEM	Specification	Quantity
1	IC 7408	TTL chip with four 2 input AND gates	88 Nos
2	IC 7432	TTL chip with four 2 input OR gates	88 Nos
3	IC 7404	TTL chip with Six NOT gates	53 Nos
4	IC 7402	TTL chip with four 2 input NOR gates	53 Nos
5	IC 7400	TTL chip with four 2 input NAND gates	53 Nos
6	IC 7486	TTL chip with four 2 input XOR gates	43 Nos
7	IC 7474	Dual D-Type flip flop	43 Nos

8	IC 74112	Dual J-K Flip flop	15 Nos
9	IC 7476	Dual Master Slave J K Flip flop	33 Nos
10	IC 7483	4 bit binary full adder	20 Nos
11	IC 7411	Triple 3-input AND gate IC.	13 Nos
12	IC7473	Dual JK flip-flop IC with clear input.	13 Nos
13	IC74151	8-to-1 multiplexer IC with complementary outputs.	13 Nos
14	IC 74155	Dual 1-of-4 decoder/demultiplexer IC.	13 Nos
15	IC7490	Decade (divide-by-10) ripple counter IC.	13 Nos
16	IC7493	4-bit binary ripple counter IC.	13 Nos
17	Single stand wire(1/23 SWG)	Solid-core copper wire used for electrical connections and circuit wiring.	15 Nos
18	AC 1Amp Fuse	Protective device that breaks the circuit when current exceeds 1 ampere.	25 Nos
19	AC 2Amp Fuse	Protective device that breaks the circuit when current exceeds 2 amperes.	5 Nos
20	Distilled water (5litre bottle)	Purified water free from dissolved minerals and impurities, used for laboratory purposes.	20 bottle
21	HDMA Cable	Cable used to transmit high-quality digital audio and video signals.	1No
22	15Amp 3 pin socket	Electrical socket designed to safely supply AC power to high-current appliances.	5 Nos
23	Magnifying Lense	Optical tool used to enlarge small objects for detailed inspection.	1No
24	Multi screw driver set	Set of screwdrivers with different tips and sizes for tightening and loosening screws.	1No
25	CMOS battery	Small battery used to maintain the real-time clock and BIOS/CMOS settings in electronic devices.	10Nos
26	Tweezer	Hand tool used to hold and handle small electronic components.	5Nos
27	Wire cutter	Hand tool used to cut electrical wires and conductors.	5Nos
		Interface module that connects an LCD	

28	LCD Shield	display to a microcontroller for displaying information.	2Nos
29	DC motor	Electric motor that converts direct-current electrical energy into mechanical rotational motion.	5Nos
30	Digital IC Trainer kit	Educational equipment used to design, test, and study digital logic circuits using ICs.	6Nos
31	Bread board	400 pins board	20Nos
32	Connecting wires (in Mtr)	0.75 sq mm	10 mtr
33	Arduino Uno	32 bit microcontroller with 14 digital input/output pins, 6 analog inputs	15Nos
34	Ardunino UNO to PC interface cable	Interface cable	15Nos
35	Atmega 32	low-power 8-bit AVR RISC-based microcontroller featuring 32KB flash memory, 2KB SRAM, 1024 bytes EEPROM, and 32 general-purpose I/O lines	7Nos
36	LDR Sensor	LDR 4589, Operating Voltage: 3.3V to 5V DC; Operating Current: 15ma; Output Digital - 0V to 5V	20Nos
37	DHT11 Sensor	Temperature and Humidity Sensor, Operating Voltage: 3.5V to 5.5V Operating current: 0.3mA (measuring) 60uA (standby) Output: Serial data Temperature Range: 0°C to 50°C	10Nos
38	Jumper wire (Set)	60-Piece Jumper Wire Set (M-M, M-F, F-F) | 20cm Multicolor Cables for Arduino & Breadboard	3Nos
39	Raspberry Pi pico W	Dual-core Arm Cortex-M0+ processor running at 133MHz, 264KB of SRAM, and 2MB of onboard QSPI Flash memory	15Nos
40	Cocktail board for raspberry pi pico W	Microcontroller board based on RP2040 chip	15Nos
41	Jumper to Grove Cable Adapter	Seed Grove Male Jumper to Grove Cable 20cm (5 Pack) Adapter Operating current: 0.3mA (measuring)	15Nos
42	ESP-32	dual-core 32-bit Tensilica Xtensa LX6 microprocessor, operating at 160 or 240 MHz, 520 KB of SRAM, and 448 KB of ROM	9Nos
43	ESP32 to PC interface cable	ESP32 to PC interface cable	9Nos

44	HC-SR501 PIR Motion Sensor	Motion sensor based on PIR	12Nos
45	IR Sensor	FC-51 / TCRT5000 Obstacle avoidance module	10Nos
46	Gyro Sensor	MPU-6050 3-Axis Accelerometer and Gyro Sensor	18Nos
47	Ultrasonic Sensor	Ultrasonic sensor	8Nos
48	RJ 45	8-position, 8-conductor (8P8C) modular plug or jack	400Nos

Roy Thomas

Digitally signed by Roy Thomas
Date: 14-10-2026 13:09:32

PRINCIPAL

Copy to

1. Sri.Mohan.S,Lecturer in Computer engg

(For publishing the notice in the college website)

2.Notice Board