

DR. PANJABRAO DESHMUKH POLYTECHNIC, AMRAVATI

ANNEXURE-1

Department of Civil Engineering

Sr No	Name of Item/Instrument	Specification	Quantity	Rate per Unit
1.	Original Schmidt Concrete Test Hammer. Type N. Manual. Proceq.	Manual Test Hammer of W-M-250, BS-1881-202, , size: 127 x 76 x 355 mm, shipping weight: 3 kg and minimum verifiable strength is 10 MPa to 62 MPa.	1	
2.	Pulse Velocity Meter (ndt testing)	Range 01-7930 ps, resolution: 01 ps to 1 ps, display 7, color 800 x 480, pulse voltage 00 – 450 Vpp, bandwidth 20 – 500 kHz.	1	
3.	Concrete Thickness Gauge	Concrete thickness gauge model of CTG-2 (Concrete Thickness Gauges), battery powered, ASTM Standard, frequency resolution 10Hz, thickness range 81 mm to 51 cm in standard mode.	1	
4.	Rebar Locator	Model: GMS 120 professional, weight: 2.7 KG, detection depth for steel max : 120 mm and for copper max 80 mm 8	1	
5.	“HT” Rapid Chloride Penetration Test Apparatus with Data Acquisition software	RCPT Apparatus is as per ASTM C 1202-05. 4 Port (230-250V AC power supply), plexi-glass chambers – 4 pairs, 500mm vacuum desiccator, consumables – good for 1 doz	1	
6.	Concrete Crack Detection Microscope	Magnification = x 35, measuring Range = 4 mm, divisions = 0.2mm, weight including battery and box = 560gm, box dimensions = 150 x 100 50mm deep 6	1	
7.	Rapid Moisture Meter	As per IS 12175 code practices 11	1	
8.	Half Cell Potentiometer as per ASTM	Voltage 220, electric power source, frequency 50 Hz, corrosion monitoring technique standardized by ASTM 12	1	
9.	Water Permeability Test apparatus three cell model	As per IS 5529(Part 2):2006 in-situ permeability test, two versions available: with gaskets for 150 mm cube specimens as 55-C0246/3 three place model and 55-C0246/6 six place model, air compressor, max. working pressure 8 bar. 15	1	
10.	Digital Extensometer	Extensometer with least count 0.1mm, maximum extension 25 mm with single dial gauge/ digital display suitable for various gauge length 13,1 4	1	
11.	Garmin GPS Instrument	GPS 15-X	1	

Date :
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Name & Signature of Supplier

DR. PANJABRAO DESHMUKH POLYTECHNIC, AMRAVATI**ANNEXURE-2****Department of Electronics Engineering**

Sr.No	Name of the Item	Specifications	Quantity	Rate per Unit
1	3G GSM Mobil Phone Trainer kit	GSM CAPABILITY, GSM 900/1800, E-GSM, GSM DATA SERVICES: Asynchronous, transparent and transparent modes. 14.4 Kbits/s SIM interface: 3VRF, transmitter : Max output power : 33 dBm +/- 236 dB, (EGSM), MAX OUTPUT POWER: 30 DBM +/- 2 DB (DCS) MINIMUM OUTPUT POWER: 5DBM +/- 5DB (EGSM) MINIMUM OUTPUT POWER: 0DBM +/- 5DB (DCS 1800)	1	
2	Microwave Test Bench Gunn Diodebase	Microwave Test Bench(Gunn Diodebase) : Gunn Oscillator, Gunn Power supply, PIN modulator, ISOLATOR, frequency meter, variable attenuator, detector mount, waveguide, stand, SWR meter, Cables and accessories.	1	
3	COLOUR TV RECEIVER TRAINER KIT	System : CCIR-B-PAL-G, 625 lines Power supply : 230V + 15% AC, 50 Hz. Regulation range : 195V AC to 265V AC. Power consumption : 70 watts	1	
4	DSO	2 Channel 100MHz	1	
5	CRO	2 Channel 20MHz	6	
6	Power Scope	Mode Differential inputs 1500 V max Dual Channel DC to 30 MHz, 2 mV Time base 20 ns – 0.2 s : variable hold off 10:1 x10 mag Triggering DC – 50 MHz 1 div typ. Component tester, 2 level Calibrator Overscan indicator Frequency Counter	2	
7	Digital Trainer Kit	7 segment LED display (2 Nos) 10 Inputs 10 Outputs, breadboard 2, bounce less pulser 1 hz to 100 KHz AC Input: 230 Volts Inputs	2	
8	Computer	10th generation I3, 8GB, 1TB	10	
9	Projector	Hardware Interface : VGA, USB, HDMI, WATT : 1 KW, BRIGHTNESS : 2800 LUMIN SCREEN RESOLUTIONS : 1280X720	2	
10	PID CONTROLLER (Scientech 2451)	Proportional Band : 5% to 55%. Integrator : 1 msec to 11 msec ON/OFF controller : ON = 12 V, OFF = -12 V On board Generator : Square Wave & Triangular Wave Generator of 0-156 Hz, Two Variable DC Supply +6V,+10V Interconnections : 2 mm socket Test Points : 5 nos Dimensions (mm) : W 326 x D 252 x H 52 Power Supply : 100V - 240V AC, 50/60Hz	1	

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DR. PANJABRAO DESHMUKH POLYTECHNIC, AMRAVATI**ANNEXURE-3****Department of Computer Engineering**

Sr. No	Name of the Item and Make and Model	Specifications	Required Quantity	Rate per Unit
1	Branded / Assembled Intel core I3 Computer System	Branded / Assembled Computer System, Intel core I3-10th Generation processor, 4 GB RAM, 1 TB HDD, MM Keyboard, Mouse, 18.5 / 21.5 Inch TFT / LED Monitor, Preloaded Windows 10	30	
2	Canon LBP2900B Laser Printer (Black)	Canon image classLBP2900B Single Function Laser Monochrome Printer (Black)	5	
3	D-Link WiFi Latest Router and 24 ports Hub Switches	D-Link WiFi Latest Routers and 24 ports Hub Switches and network accessories	5 + 5 = 10	
4	BENQ/ Epson/ LG/ Sony/ Kodak / Acer LED / DLP Projector with Accessories	LED / DLP Smart Projector, Minimum 3000 Lumens, USB Reader, PC-Free, Wireless Projection, Internet Connection ready.	1	
5	Interactive Flat Panel / IWB / Smart Display	Interactive Flat Panel / IWB / Smart Display	1	
6	Classroom PA (PA System, Hanging Mics, Speaker System)	Classroom PA (PA System, Hanging Mics, Speaker System)	1	
7	Digital Podium with Mic	Digital Podium with Mic	1	
8	Digital Light Projector and Misc.	Digital Light Projector and Misc.	1	
9	PTZ Cameras	PTZ Cameras	4	
11	Visualizer	Visualizer	1	
12	PTZ Cameras	PTZ Cameras	4	
13	Video Conferencing System	Video Conferencing System	1	
14	E-Tablets	E-Tablets	2	
15	Avermedia Recorder	Avermedia Recorder	1	

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Place :

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Name & Signature of Supplier