

MODEL POLYTECHNIC COLLEGE, PAINAVU

No. A1/160/MPTC/2018/MHRD/Bio-Med

8th March, 2019.

Tender Notice

Model Polytechnic College (under IHRD), Painavu

Idikki District Ph: 04862 – 232246,

E-mail: mptpainavu.ihrd@gmail.com

Web: www.ihrd.ac.in

Sealed tenders are invited for the purchase Bio-Medical Equipments .

Tender No.- A1/160/MPTC/2018/MHRD/Bio-Med.

The last date and time of receiving tenders – 08.04.2019 at 11 am

Date and time of opening tenders - 08.04.2019, 2 pm

Tender details and specifications can be had from the IHRD web site.

Tender cost – Rs. 814+GST

PRINCIPAL

Model Polytechnic College

Painavu, Idukki

Tender No. A1/160/MPTC/2018/MHRD/Bio-Med Dtd. 8th March, 2019.

SLNO	NAME OF ITEMS/SPECIFICATION	UNIT COST	QTY RQD	TOTAL COST
1	<u>MULTI-PARAMETER MONITOR</u> - Specification:-	150000	1	150000
	High resolution 12.1" TFT color display.			
	Drug dose calculation /HRV analysis /OXY CRG should be available.			
	Arrhythmia detection function should be available.			
	Provision for 3-Lead / 5- Lead monitoring.			
	Alarm event review- Crisis & warning.			
	Full parameter storage function while power off.			
	Pacemaker detection function should be available.			
	Display of 10 waveforms; including 7 ECG waveforms display;			
	Resolution-640*480 pixels.			
	Heart rate range 20 to 254 bpm.			
Two temperature channels.				
2	<u>Diathermy Machine</u> Specification:-	100000	1	100000
	Automatic Power Regulation			
	Monopolar & Bipolar Modes			
	Soft, Forced & Spray Coagulation			
	4 steps of Haemostasis			
	Patient plate test function			
	Bipolar Coagulation with auto start			
3	<u>Anaesthesia Machine Trainer</u> Specification:-	157000	1	157000
	Two separate non interchangeable color coded cylinders for oxygen (O2) and nitrous oxide (N2O) supply (filled with air for laboratory experiments)			
	Two separate regulators with pressure gauge indicators (150Kg/Cm2)			
	Pin index type yoke oxygen and Nitrous Oxide indication cylinder			
	Two gases rotameter (Bobbin type)			
	Circle absorber system			
	Humidifier system (without soda lime)			
	Dextrose (5%) provided for emergency glucose supply to the patient			
	Quick flush valve			
	Scavenging system (without Charcoal)			
	Patient Breathing circuit (Bain circuit)			
	Patient connectors (Oxygen mask)			
	Goldman Halothene and Ether Vaporizers (not in function, because it is harmful for students at educational level)			
	Resuscitator (Ambu Bag)			
	Human Dummy			
Anaesthesia machine trainer with software for full understanding Depth of Anaesthesia (DoA)				
Total			4,07,000	

PRINCIPAL