

3728-791

No.VMGMC/Store/Q/ /2018  
Office of the Dean,  
Dr. V. M. Govt. Medical College,  
Solapur Date:-09/12/2018

To

1. S.M. Enterprises, G 16, Damani Complex, Datta Chowk, Solapur – 413007
2. Universal Electronics, 29-A/2, Ganga Tower, old Akkalkot Naka, Solapur - 413006
3. Quality Treatment & Equipment & Instrument, Pune
4. Kumar Sales Corporation, Mumbai
5. Notice Board, Solapur

**Sub:- Quotation of Instruments.**

Sealed quotations are invited for the following item from the stockiest for the use in various (Medicine) department of Dr. V. M. Govt. Medical College, Solapur.

Name of Item	Difribillator Machine Specification	
	<b>Defibrillation</b>	
Operation Mode	One Button , Automatic Operation	
Wave form	Biphasic , Current Limited	
Delivered enegy with SOW ( In compliance with IEC 60601-2-4)	Lower Energy -165j + 15%, Higher Energy – 285 J +15%	
Max. patient impedance	200ohms	
Shock Sequence	Programmable Default : Low-Low-High	
Charging Time	< 10 seconds with new battery pack.	
CPR interval	Programmable between 60 and 300 seconds Default -120 seconds ( in compliance with AHA Guidelines )	
	<b>Operation</b>	
Operating Control s	On / Off key powering up the device shock key for application of shock	
Info key	Announces total number of shocks delivered and time elapsed since device has been in use	
Display controls	Pictorial illustration and LEDs	
Device status visual indicators	OK status indicator Battery status indicator Malfunction status indicator	
Acoustic signals	Voice prompts Metronome signal tone for synchronizing Chest compression signal tone on patient movement detection Signal tone on low battery	
	<b>Data Storage and transmission</b>	
Data storage	Maximum 4 events or typically 3 hours of ECG data	
PC communication	Bluetooth	
	<b>Internal Battery Unit</b>	
Type	Alkline ,non-rechargeable battery pack with short circuit protection with new battery detection feature	
Nominal voltage	12 VDC	
Rated Capacity	6200 m Ah	
Shock capacity with new battery pack	200 shock	
Battery pack standby time ( after installation)	2.5 year	
Battery pack standby time ( before installation)	Use within 1 year from date of manufacture	
RTC battery lifetime	More than 5 years	
	<b>Self test</b>	
Interval	Monthly ( Date and Time –Programmable ) Daily on device start	
Coverage	Battery capacity and voltage , software and internal circuitry	
	<b>Defibrillation Electrodes</b>	
Type	Self sticking , single use electrodes packed with polarized connectors in a sealed pouch for patients with weight >25 kg.	
Physical characteristics		


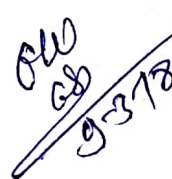

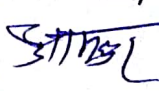
Difribillator  
Machine

Dimensions	255mm(W)x300mm(L) x 85mm(H)
Weight (with battery pack )	<3 kilograms
<b>Environmental Specification</b>	
Operating Temperature range	0 °C to 50 °C at non – condensing RH between 0% to 95%
Standby Temperature range	5 °C to 30 °C at non – condensing RH between 0% to 95%
Storage Temperature range(maximum 2 days)	-20 °C to 60 °C at non-condensing RH between 20% to 80%
Humidity (non condensing)	Upto 95%
Atmospheric pressure	800 to 1200mbar
Ingress Protection	IPx4(Protected against splashing water)
<b>Safety standards</b>	
Type (as per definition of ICE/EN 606001-1)	Internally powered equipment
Degree of protection (as per definition of ICE/EN 606001-1)	BF type patient applied part
Standards	Complies to ICE/EN 606001-1, ICE/EN 606001-1-2 , ICE/EN 606001-1-4 and ANSI/AAMI DF80
<b>Standard Accessories</b>	
Disposable Electrodes	01 no.
Electrode Instruction for user	01 no.
CPR Mask	01 no.
Pair of disposable gloves	01 no.
disposable Razor	01 no.
Pair of scissor	01 no.
Antiseptic wipes	01 no.
Quick eference Guide	01 no.
PAD Carry case	01 no.
Emergency kit bag	01 no.
Battery pack Alkaline Non- rechargeable	01 no.

The sealed quotations may be sent in the name of the Dean, Dr. V. M. Govt. Medical College, Solapur on or before **due date 16/3/2018**. Quotations are received after due date will not be considered.

Please subscribe the words on the top of envelop "Quotation for Instruments."

**Quotation Opening Date 19/3/2018**. Venue - College meeting hall.

  
**DEAN,**  
 DR. V. M. GOVT. MEDICAL COLLEGE,  
 SOLAPUR  
    
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