



**Center for Bioequivalence Studies and
Bioassay Research (CBSBR)**

**DR. PANJWANI CENTER FOR MOLECULAR
MEDICINE AND DRUG RESEARCH**

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
UNIVERSITY OF KARACHI, KARACHI-75270

TENDER NOTICE NO. PCMD-BIOEQUIV-9. 2011/12

Tender:

01) Defibrillator

Sealed tenders are invited only from the sales tax registered with Sindh Revenue Board and income tax registered suppliers for the Purchase/Import on C & F basis of Scientific Equipments required for the project entitled, "**Center for Bioequivalence Studies and Bioassay Research at Dr. Panjwani Center for Molecular Medicine and Drug Research**".

The detail and specifications of the item can be collected from the date of notification of the advertisement on the websites, from Purchase Office of PCMD, on any working day between 9.00 a.m. to 12.30 p.m., (except Friday), on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi bidders), in favor of the Director ICCBS., or downloaded from the websites www.iccs.edu and www.pprasindh.gov.pk The last date of issuing tender is 30-4-2012. The tenders may be submitted with 2% of the bid value as bid security, in shape of a pay order in favor of the Director ICCBS., latest by 10.30 a.m. on 03-05-2012. The tenders will be opened in Purchase Office PCMD of the Center at 11.00 a.m. on the same day in presence of the bidders or their representatives. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP rules.

**CO-DIRECTOR
PCMD**

Quantity: 01set

01. Defibrillator:

Specification:

Waveform:	Damped sinusoidal
Output Energy:	2,3,5,7,7,10,20,30,50,70,100,150,200,300, and 360 joules
Charge Control:	Push-button on apex paddle and on front panel
Charge Time:	Less than 10 seconds to 360 joules when powered by a fully charged battery
Armed Indicator:	Charge done tone, and charge done lamp on apex paddle
Paddle Contact Indicator:	3-color LED bar graph array on STERNUM paddle indicates quality of defibrillator paddle contact before discharge
Paddles:	Standard paddles are anterior/anterior, adult, and pediatric. Adult electrodes (83 cm) slide off to expose pediatric electrodes (21 cm)
Synchronizer:	"SYNC" message appears on the monitor and is annotated periodically on the recorder while in synchronous mode. An audible beep sounds with each detected R-wave, while a marker pulse on the monitor and syn designator on the recorder strip indicate discharge point. Upon activation, discharge occurs within 30ms of marker pulse.
Monitor:	
Input:	ECG activity may be viewed through the paddles or patient cable. Lead I, II, or III selectable in LEADS position. The monitor and recorder indicate selected ECG source
Heart Rate Display:	Digital readout on monitor from 20 to 300 bpm
Heart Rate Alarms:	Adjustable limits from 20 to 280 bpm

NOTE:

IQ/OQ/PQ to be conducted by the vendors engineers at site.

SUMMARY SHEET

TENDER NOTICE NO. PCMD-BIOEQUIV-9. 2011/12

The tender will liable to be rejected if this form will not accompan^y the tender bid / quote

SERIAL No.	BID VALUE	FOREIGN CURRENCY	CONVERSION RATE.	PRICE IN PKR.

TOTAL BID VALUE IN PKR		
Earnest Money @ 2% in PKR		
Payorder / Bank Draft No:		Date:
Signature	Seal:	