TENDER NOTICE

According SPPRA Rules 2010 (Amendment-2017) sealed tender on prescribed proforma are hereby invited from well reputed firms, interested Agent / Sole Agent/ Foreign Companies Distributors in Pakistan for the following items for Liaquat University Hospital, Hyderabad/Jamshoro for the financial year 2017-18. The last date for submission of tender documents is 09th December, 2017 up to 11.30 A.M and will be opened on same day at 12.00 Noon in the presence of participants.

2)

Tender Enquiry No.	21/2017-18
	Purchase of Machinery / Equipment Thallium Scanner / Dual Head Spect Gamma Camera for Liaquat University Hospital, Hyderabad.
Bidding Procedure	Single Stage Two Envelope
Bid Security	2.5% of the total bid value
Bid Validity	90 days
Tender Fee	Rs 2,000/- each (non-refundable)
Issuance of Tender Documents	20.11.2017 to 08.12.2017 @ LUH, Hyderabad.
Submission of Tender	09.12.2017 at 11:30 AM @ LUH, Hyderabad.
Opening of Tender	09.12.2017 at 12:00 NOON @ LUH, Hyderabad.

- 3) Complete set of tender documents containing Schedule of Requirements, Technical Specification with Term & Conditions can be purchased with a non-refundable fee in Rs 2,000/-Cash from the office of undersigned Liaquat University Hospital (LUH), Hyderabad.
- 4) The Medical superintendent LUH, Hyderabad / Jamshoro reserves the right to increase or decrease the quantity of any item of schedules as and when it is deemed necessary according to SPPRA Rules. The Procuring agency may reject all or any bids subject to the relevant provision of SPPRA Rules.
- 5) Tender documents can be downloaded from SPPRA website.
- 6) Bid shall include all government taxes (if applicable)
- 7) Deduction in the bills will be done as per government rules.
- Bid Security @ 2.5% of the total bid value of quoted items is to be submitted by the bidders in shape of pay order / demand draft in favour of Medical Superintendant Liaquat University Hospital Hyderabad / Jamshoro whereas an amount of the contract 5% performance security is to be obtained from contractor as per SPPRA Rules.
- 9) In case of discrepancies between the Tender Notice and the Tender Documents, the Tender Documents shall take precedence.
- In case of announcement of public holiday or any favorable circumstance, the bids shall be submitted and opened as per given schedule on the next working day.
- Queries can be addressed at the following numbers or in person during office hours @ LUH, Hyderabad.

Ph: 022-9210207 Fax: 022-9210208

> Medical Superintendent Liaquat University Hospital Hyderabad

ANNUAL PROCUREMENT PLAN LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD / JAMSHORO FINANCIAL YEAR 2017-18

				YEAR 2017				,
S.No:	Description of Procurement.	Qty	Estimated Total cost	1	Source of funds (ADP / Non ADP)	Proposed Procure- ment method	Timing of Procurement	Remarks
							1st Qtr 2nd Qtr 3rd Qtr 4th Qtr	
1	Drugs / Medicines & Surgical Items (L.P / BULK)		87.750 M	87.750 M	Non ADP	Single Stage Two Envelope	In all quarters as per Requirement	. 10
2	Dietary Items		40.95 M	40.95 M	do	do	do	1 1
- 3	Uniform & Liveries	100 Test 12	3:33 M	3.33 M	do	do	do	
4	Misc / Petty / Electric Items	A	4.389 M	4.389 M	do	do	do	
5	Medical Gases		29.23 M	29.23 M	do	do	do	ga tradition
6	Janitorial Services & Items.	and the factories of the forces	9.450 M	9.450 M	do	do	do	
7	Printing Articles.		1.016 M	1.016 M	do	do	do	
8	Stationary Articles	sed	0.604 M	0.604 M	do	do	do	
9	Instruments	nclo	4.961 M	4.961 M	do	do	do	(4
10	Consumable Items / Pathology Kits & Chemicals.	List Enclosed	12.183 M	12.183 M	do	do	do	
11	Deployment of Security Guards	ڐ	13.20 M	13.20 M			do	
12	Repair of Machinery / Equipment		21.87 M	21.87 M	do	do	do	
13	Repair of Furniture / Fixture.		2.04 M	2.04 M	do	do	do	
14	Drugs / Medicines under Zakat Fund (Bulk)	*	42.0 M	42.0 M	do	do	Subject to Release of Funds	1
15	Drugs / Medicines under Zakat Fund (LP)		28.0 M	28.0 M	do	do	Subject to Release of Funds	
16	Machinery Machinery / Equipment under SNE		275 M	275 M	do	do	Subject to Release of Funds	
	Furniture / Fixture under SNE		8.925 M	8.925 M	do	do	Subject to Release of Funds	
	Purchase of Machinery/Equipment under various ADP Schemes				ADP	do	Subject to Release of Funds	,
19	Purchase of Furniture / Fixture under various ADP Schemes				ADP	do	Subject to Release of Funds	

Medical Superintendent
Liaquat University Hospital
Hyderabad / Jamshoro



NO.HD(P&E) 3-2 (427)/2014 GOVERNMENT OF SINDH HEALTH DEPARTMENT

(Procurement, Monitoring and Inspection Cell) Karachi dated the 10th APRIL, 2017.

IIFICATION

ID(P&E)3-2(427)/2014. In supersession to this department's notification of even number 9-03-2017 and in pursuance of Rule 31 of the Sindh Public Procurement Rules, 2010, a atmental Complaint Redressal Committee, comprising of following officers is hereby rethated as under to resolve complaints of aggrieved bidders:

Special Secretary, Health Department.

Chairman

Representative from Accountant General Sindh,

Member

Independent expert from relevant field concerning (to be nominated by the Head of Procuring Agency)

Member

Deputy Secretary (PM&I)

Member

Deputy Secretary (General)

Member/Secretary

MRs.

- To perform according to Rule 31 of SPPRA, 2010.
- To Perform any other function ancillary and incidental to the above.

DR. FAZLULLAH PECHUHO -SECRETARY TO GOVERNMENT OF Sindh

£E)3-2(427)/2014.

Karachi dated the 10th APRIL, 2017

The D.G.Health Services, Sindh, Hyderabad.

2 The District Health Officers (All)

Medical Superintendents (All) Liaquel Utrivership Hyderaked

All the Member of the Committee.

5. The PS to Secretary Health Department, Goyt. of Sindh, Karachi.

6. Office order file.

SECTION OF SICER (PM&I)

Health Department Government of Sindh

NOTIFICATION

NO.HD (P&E) 1-2 (61) / 2017. In supersession of this department's notification No.HD (P&E) 3-5 (77) / 2017, dated 16.03.2017, NO.HD (P&E) 3-5 (74) / 2013, dated 03.08.2017, NO.HD (P&E) 3-5 (85) / 2017, dated 03.08.2017, NO.HD (P&E) 3-5 (78) / 2013, dated 11.09.2017, NO.HD (P&E) 3-5 (55) / 2015, dated 11.09.2017 and SO (PM&I) 2-1 / 2017-18 / PM-05 (LUH), dated 07.08.2017, the Government of Sindh, Health Department is pleased to re constitute a Procurement Committee under Clause-7 of Sindh Public Procurement Rules 2010 (Amended 2017), comprising of the following members for purchase of machinery / equipment, vehicles and furniture / fixture to be purchased under revenue component of "ADP schemes & SNE" in respect of Liaquat University Hospital Hyderabad;

 Additional Medical Superintendent (General), Liaquat University Hospital, Hyderabad. Chairman

2. Additional Medical Superintendent (Technical) Liaquat University Hospital, Hyderabad.

Member

Professor / Associate Professor / Assistant
 Professor / Expert / Technical Person of Relevant field,
 Liaquat University of Medical & Health Sciences (LUM&HS)
 Jamshoro.

Member

The committee will responsible to observe all the codal formalities as per Sindh Public Procurement Rules 2010 (Amended 2017), the TORS / Functions / Responsibilities of procurement committee in accordance with SPP Rule-8 (Amended 2017) are as under;

- · Preparing bidding documents;
- · Carrying out technical as well as financial evaluation of the bids
- Preparing evaluation report as provided in rule-45.
- Making recommendations for the award of contract to the competent authority;
- Perform any other function ancillary and incidental to the above.

(DR.FAZLULLAH PECHUHO) SECRETARY HEALTH

NO.HD (P&E) 1-2 (61) / 2017

Karachi, dated 07-11-2017.

C.c.to:

- The Vice Chancellor, Liaquat University of Medical and Health Sciences Hyderabad / Jamshoro with request to advice the member to attend the meetings for above said committee.
- The Managing Director, Sindh Public Procurement Regularity Authority, Karachi.
- The Medical Superintendent, Liaquat University Hospital Hyderabad / Jamshoro.
- The District Accounts Officer, Hyderabad.
- · All members of the committee.
- · P.S. to Secretary, Health Department, Govt. of Sindh, Karachi.
- P.S to Additional Secretary (Dev), Health Department, Govt. of Sindh, Karachi.

Deputy Director (Dev)

V-81 "

Can Br.



(Rs. 2000/= Non Refundable)

LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD / JAMSHORO PURCHASE OF MACHINERY /EQUIPMENT FOR THE FINANCIAL YEAR 2017-18

TENDER INQUIRY NO.21/2017-18

DUE ON 09.12.2017.

Time of Receipt of Tender Form 20.11.2017 to 08.12.2017 upto 2.00 PM

Time of Submission of Tender Form 09.12.2017 at 11.30 A.M

Time of opening of Tender Form 09.12.2017 at 12.00 NOON

Offers shall remain open for 90 days from the date of opening. The tenders shall quote their price inclusive of all duties / taxes / Octroi transportation etc, and all other expenses on free delivery to consignee's end at Liaquat University Hospital, Hyderabad basis. Price should be quoted in Figure & words both failing which the offer will be ignored. The offers are required on C&F and F.O.R basis in Pak rupee.

PURCHASE & INSTALLATION OF THALLIUM SCANNER & ASSOCIATED ITEMS AT LIAQUAT UNIVERSITY HOSPITAL HYDERABAD

A fully Thallium Scanner System, dedicated for diagnostic & interventional cardiac procedures with the following minimum specifications and application softwares. The quoted model must be latest and bidder must mention the number of systems installed worldwide and in Pakistan. The vendor must have sold the equipment in the province and submit letter of satisfaction of similar systems installed by them regarding after sales service from three reputable public/private centers of Sindh.

Section "A"

S.NO.	Technical specifications for Dual Head Spect Gamma Camera	Vendor to fill up this Performa with verifiable references from data sheet. Please mention page number of data sheet. (Yes / No)
	General : a) Latest technology Dual Headed variable angle SPECT Gamma Camera system capable of performing all (advanced cardiac applications) planar, dynamic, SPECT, gated cardiac SPECT with whole body imaging applications.	
	b) System should have possibility to be upgraded to SPECT CT	
	c) Manufacturer to provide a comprehensive list of users of dual head SPECT gamma camera in Pakistan, and their performance profile duly certified by respective institution Head.	
	c) Number of installations & company profile: Company should preferably be manufacturer of the equipment and in case non-manufacturing vendors (third party supplier) are allowed to participate the same should be mentioned clearly in bid document. In case of third party supplier the liabilities of principal manufacturing company and third party supplier needs to be clearly demarcated and ensured.	
	Gantry: a) Gantry design should be wide open and image acquisition capability with clockwise and anticlockwise movement.	
	b) Height, width and depth should be adequate to conveniently locate the gantry in existing space available in the department. In order to access this, tenders are required to mention the dimensions.	
	c) Axis of rotation: 104 cm or more	
	d) Patient opening for High energy collimator (HE): Max 65 cm and Minimum: 12cm.	

e) Patient opening for low energy high resolution (LEHR) collimators: Max: 70 cm; Minimum: 19 cm.	T	
f) Auto contouring: The detectors should be equipped with automatic body countering (ABC).	-	
g) Gantry should have emergency stop buttons.	-	
h) Persistence scope mounted on the gantry or wall for continuous display of patient position and gantry parameters (with 19" or more, LED Color Display from same manufacturer) i) Max CW/CCW: 405°/180° or better		
j) Rotation precision: 0.1°, or better		
k) Rotation speed: 003-3.0 rpm		
l) Centre of rotation (COR): ≤0.25 pixel in 64x64 matrix		
Detectors:		
a) Large field of view (UFOV) to enable adequate patient breadth coverage		
b) Crystal:		
• Size: 59 x 44cm or more		
Diagonal: 73 cm or more		
Thickness: According to requirement (16cm or less)		*
c) System should have facility for automatic correction for energy, linearity and uniformity.		· ·
d) Photomultiplier Tubes:		<u> </u>
 Number of PMTs should be 55 or more per detector with 1 ADC per PMT (True digital detector). Uniform Hexagonal array with box type dynodes and high overall efficiency and sensitivity 		i e
e) Shielding Characteristics of Detector:	-	
• Back: 9.5 mm or better		
• Sides: 12.7 mm or better		
• Patient Direction: Max – 36.4 mm; Min – 27.9 mm.		
• Edge to edge: Detector housing and FOV – 7.6 mm.		
f) Intrinsic Spatial Resolution:	1	
• FWHM in CFOV: ≤ 4.5 mm		
• FWHM in UFOV: ≤ 4.6 mm		
• FWTM in CFOV: ≤ 8.7 mm		
• FWTM in UFOV: ≤ 8.9 mm		
g) Intrinsic Energy Resolution:		
• FWHM in UFOV: ≤ 9.9%	2.	

	h) Intrinsic Flood Field Uniformity:	
	• Differential (CFOV): ≤ 2.5 %	
	• Differential (UFOV): ≤ 2.7 %	
	• Integral (CFOV): ≤ 2.9 %	
	• Integral (UFOV): ≤ 3.7 %	
	i) System Spatial Resolution (LEHR at 10 cm or better):	
	• FWTM in CFOV: 7.8 mm or better	
	• FWTM in UFOV: 14.9 mm or better	
	j) Intrinsic Spatial Linearity:	
	• Differential (CFOV): ≤ 0.2 mm	
	• Differential (UFOV): ≤ 0.2 mm	
	• Absolute (CFOV): ≤ 0.5 mm	
	• Absolute (UFOV): ≤ 1 mm	
	 Multiple window spatial registration: ≤ 1.0 mm 	
	• Intrinsic maximum count rate: 310 kcps	
	• Intrinsic spatial resolution at 75 kcps	
	• FWTM (CFOV): ≤ 4.6 mm	
	• FWTM (UFOV): ≤ 8.9 mm	
	• System Planar sensitivity (LEHR at 10 cm) Absolute: 200 cpm / μCi or more	46
	• System planar sensitivity (MEGP at 10 cm) 500cpm / μCi or more	1.0
	 Reconstructed spatial resolution with scatter (LEHR): ≤ 12.00 mm g) 	
	Collimator specification:	1
	• Low Energy High Resolution (LEHR) – one pair.	
		N.
	Patient Bed:	
1	a) Single universal table for all studies i.e., Planar, SPECT, Cardiac and Whole body imaging	t va
	b) Table top should be composed of low attenuation carbon fiber covered by mattress pad and straps and should	
	be able to withstand at least 200 Kg of body weight	
	c) Whole body imaging covering should not be less than 200 cm.	-
	d) Table should have facility for lowering the height to facilitate easy patient transfer and should be movable to	
	permit imaging for sitting, standing, stretcher/wheel chair patients. Adjustable head positioning pallets, injection	
	arm rest, Cardiac arm rest, leg support, patient restraint & support	97
	e) System compatible ECG Trigger to be provides.	
Tax Section 1975		·

Acquisition Station: a) One Acquisition station independent of main processing unit capable of data acquisition in Cardiac SPECT. Gated SPECT. Static, dynamic. multi-gated, whole body scanning, SPECT and Gated SPECT.	1
 b) Image acquisition and data display should be from 64 x 64 matrix up to 256 x 1024 matrix. c) Acquisition termination by preset time, preset count or manual stop. d) Acquisition termination by preset time, preset count with ability to manually pause resume and stop all types 	w w
of acquisitions. e) Pre-defined acquisition protocol as well as facility for user to configure customized protocol f) Should provide system compatible ECG Gating device with leads and cables for MUGA/Gated data acquisition. There should be ECG and R-R histogram display during acquisition. Indicate frames per R-R interval and maximum frame rate capability.	
g) Acquisition software should include camera quality control predefined protocol to perform QC as per PNRA guidelines.	
Work Station: a) High performance dual core Multi tasking PC with full DICOM readiness for image transfer to local and distant networks and print etc. b) Minimum of 128 GB RAM, 12.0 GHz processor speed and 500 TB SCSI hard drive	a ** ×
c) High resolution flat panel LED monitor of minimum of 19" size from same manufacturer. Standard DVD & CD combo drive for data Archiving and Retrieving with writer facility for both.	, 1
Acquisition Workplace High performance acquisition workplace providing a wide range of clinical acquisition cardiac protocols utilizing a graphical user interface, keyboard and mouse:	
oPlanar static and dynamic oWhole Body	
oSPECT, gated, non-gated or both oDynamic SPECT	
o Whole Body SPECT	

17.

	Workflow Features:	
	 The system should combine acquisition and display into user customizable workflows 	
	 Workflow shall automatically print, archive & distribute results to other devices on 	
	network	
	network	
	Quality Control:	
	The system should use automatic and manual motion correction features	
	 It should also normalize gated studies and create quality control images such as sinograms and 	
	linograms	*
	3D Orientation:	
	 Should be capable of reorienting acquired SPECT volumes interactively to achieve the desired patient 	
	position	
	 The orientation applied to one volume shall be automatically applied to up to 3 additional volumes 	
	Image Registration:	
	 Multiple techniques shall be available for accurate registration of acquired images 	***
-	 Interactive, manual translations and rotations in all 3 planes 	*
	 Triple registration and the choice of output matrix size shall be available 	
	Reconstruction:	
	The reconstruction engine shall support up to 5 multi-isotope studies concurrently	
	HALF TIME CARDIAC IMAGING SW	
	Standard SPECT as well as wholebody, dynamic and gated cardiac volumes shall be	
	created	5
	Separate MULTIMODALITY processing Workstation with Advance Cardiac processing software (4DM	
	SPECT or Cedar Cenai or Mishigan or equivalent)	
	 Outputs include DICOM secondary capture files, result files, reports as well as the ability to generate an AVI or TIFF file. 	
	Quality Control Tools: (ALL PRICES MUST BE QUOTED SEPARATELY)	,
	 a) SPECT phantoms, Four Quadrant BAR phantom for rectangular detector size 	
	b) Accessories	
	c) a) System compatible indigenous online UPS with maintenance free batteries for whole system with 30	
	min or more back up time. The UPS should be of reputed make like LIBERT/APC/	•
	ORION/EMERSON, or better.	

Section "B"

OTHER ALLIED ACCESSORIES

(to be quoted separately) HotLab Items and Accessories:

Bidders are requested to visit the site of installation before submitting the bid for confirming the feasibility of installation at the designated site in writing. Commercial offer should include turnkey offer for repair, renovation of existing Gamma Camera room. Vendor will provide training of one doctor (for 5 days) and one technologist (for 5 days) at a reputed centre abroad in addition to comprehensive in-house training at installation site by application specialist.

Warranty: 3 years as mutually agreed. Annual Maintenance Contract (both Comprehensive & Non-comprehensive) for the period from following year till 10th year (year-wise).

- Lead Aprons full covered (USA) 03
- Lead Gloves one pair.

Pre-programmed for 88 most commonly used radionuclides (Isotope Selection Keys: Ten pre-programmed – Tc-99m, Tl-201, Co-57, Cs-137, I-131, In-111, Ga-67, Xe-133, I-123, and Mo-99; seven additional keys for user-set isotopes; two new isotope keys and a full alphabetical list of 88 isotopes.

Automatic range selection; ranges up to 40 Curies of Tc-99m or 10 Curies of F-18

Displays in Curies or Becquerels

Activity Range: 0.01 μCi to 40 Ci (.0004 MBq to 1500 GBq) of Tc-99m or 10 Ci of F-18

Energy Range: 25 keV to 3 MeV photons

Remote Ionization Chamber Self-Diagnostic Software Desktop or wall mount display

Three-year warranty

RS-232 bi-directional serial communications port Detector Linearity: ±1% or 0.2 μCi, whichever is greater Electrometer Linearity: ±1% or 0.2 μCi, whichever is greater Electrometer Accuracy: ±1% or 0.2 μCi, whichever is greater Overall Accuracy: ±3% or 0.3 µCi, whichever is greater: Digital Calibration Dial: Four-digit LED dial display with increment/decrement keys to change the value; range is from 0.0 to 999.9 Detector: Well-type pressurized ionization chamber, with Argon fill gas; well opening 2.75" (7 cm), well depth 10.25" (26 cm) or better Chamber Gas Pressure: 149KPa gauge (21.6 psig) at 20°C or 250KPa absolute (36.3 psia) at 20°C. Detector Shielding: .25" (6.3 mm) lead on all sides except top well opening; supplementary shielding available Chamber Bias: 355 ±5 volts Power Requirements: 100 to 240 VAC, 0.6 - 0.3 amps, Line Frequency: 50/60 Hz; detachable line cord; built-in EMI filter Warranty: Three Year Accessories and QC (Sources must have all certificates) a. Moly Assay Shield, 0.3" Lead b. Syringe Reference Source Set Includes Ba-133=250 μCi, Co-57=5 mCi, Cs-137=200 μCi c. Vial Reference Source Set (Ba-133=250 μCi, Co-57=5 mCi, Cs-137=200 μCi) Shielded Waste Container (Lead Shielding: 0.125" thick (3 mm), Capacity: 20 qt (18.9 L) e. Syringe Shield (3 and 5 cc) 2 mm thick Tungsten shielding 5.05 density lead glass window Fits most disposable syringes Easily sanitized with alcohol wipes 1. Tabletop Shield Lead Shielding: 0.5" thick (1.2 cm) Viewing Panel: Lead Equivalency: 2 mm (an optional lead glass panel can be paired to achieve 4.0 mm lead equivalency) Clear Plexiglas®: For Beta Shielding Viewing Area: 11.1" x 11.1" (28.2 x 28.2 cm) Side and Bottom Shield Lead Shielding: 0.25" thick (.64 cm)

	2. Radioiodine Fume Hood	
	Dimensions: 24" w x 21" depth x 36" h (61 x 53 x 91 cm)	
	Front Door (Swing-Away): 24" x 13" h (61 x 33 cm)	
	Motor: 115 VAC, 50/60 Hz, 1 amp fuse; 230 VAC uses a separate external step down	
	Transformer	
	3. Digital survey Meter	
	Internal Detector: Halogen quenched GM gamma detector, sensitivity: 1000 cpm/mR/hr (Cs-137	
	gamma), energy response (60 keV - 3 MeV): within ±25% of true valueDisplay: Four-digit LED display	
	with 0.8" (2 cm) character height or more	
	Display Range: 000.0-9999	
	Display Units: Available in mR/hr or μSv/h	
	Linearity: Reading within ±10% of true value with detector connected	
	Response: Typically three seconds from 10% - 90% of final reading	
	Status: (Green light) instrument functioning properly	
	Alarm: Low alarm - indicated by yellow light and slow beep (one per second) audible tone (can be	
	set at any point from 0.0 - 9999); high alarm - indicated by red light and fast beep (4 per second) audible	
1 1	tone (can be set at any point from 0.0 - 9999); NOTE: Audible indicators can be configured as a single	
	beep if desired	4
	Overload: Senses detector saturation (indicated by display reading "-OL-")	
1 1	Data Output: 9 pin connector providing 5 decade logarithmic output,	
	RS-232 output, signal ground connection, FAIL and ALARM signals	
	(current sink), and direct connection to battery and ground	
	Power: 90-260 VAC auto ranging or battery power	
	4. Rectangular/ Interlocking Lead Bricks	
	Dimensions: 6" 1 x 4" w x 2" h (15 x 10 x 5 cm) or 8" 1 x 4" w x 2" h (20 x 10 x 5 cm) 25	
	Pieces or more	
	1. Clear-Lead Mobile Barrier, Standard Window 2pieces	
	Dimensions:	
	Overall Dimensions: 30" w x 75" h (76 x 191 cm)	
	Window: 30" w x 24" h (76 x 61 cm)	
	Opaque Panel: 30" w x 48" h (76 x 122 cm)	
	Shielded Area: 30" w x 72" h (76 x 183 cm)	
	Shielding:	
	Window: 0.5 mm lead equivalency	
	Opaque Panel: 0.8 mm lead	
STALLS SERVICE TOWN, IN SOME		

Lead Syringe Covers 2 each for 5cc syringes Lead Vial Shields 2 Syringe carrier 1 Area Monitors 2

Lead lined decay Drum 1 Hotlab tongs 2 Pocket Dosimeters 4 Well Counter 1

Others:

Syringe Pumps qty=2

- Microprocessor controlled syringe infusion pump with capability for working on AC power and internal
 rechargeable battery lasting over 4 hours at flow rates of at least 5ml/hr with full charge. Battery should
 be easily replaceable and should have provision for running on 12V DC supply like ambulances. Battery
 level indicator to show battery charge.
- Should be capable of using 10ml, 20ml and 50ml syringes of more than 5 commonly available commercial syringes. Self-recognition of syringe size.
- Delivery rate should be form 0.1 ml/hr to 999 ml/hr in 0.1 ml/hr steps and can be put on standby mode.
- Selectable Purge rates for different syringes like, 1200ml/h in 50 ml, 400ml/h for 20 ml and 300ml/h for 10 ml. Purge rates should be definable and purge volumes may be administrable automatically or manually.
- High occlusion pressures in multiple settings should be able to deliver in arterial lines. Occlusion
 monitor and display of occlusion pressures at more than one level with ability to change the detection
 pressure.
- Pump operation should be microprocessor controlled with accuracy of < ± 3% (mechanical, syringe etc.) pump should have internal accuracy checks frequently.
- Alarms for occlusion, near empty, low battery, syringe disengaged, plunger/clutch disengaged, AC/DC disconnection etc. Infusion completion alarm, (keep open rate function) meaning even after completion flow goes on (desirable to be adjustable).
- History of last more than 200 display operation events.
- User-friendly operation knob is desirable. In case this is not present vendor should indicate how the
 pump can be started immediately in an emergency situation and the dosage regulations done quickly.
 Should be capable of automatic calculations and set proper flow rates when dose rate, weight, drug mass,
 and solution volume are given.

- Calculations of mcg/kg/min changed to mg/kg/hr. Have facility for drug library with possibility to add more names and option of drug name display during infusion.
- · Should have computer interface and HL 7 compliant
- Device should be certified as Class I and have protection against splashing liquid. Should be capable of avoiding accidental power off.
- Light weight (< 2 kg with or without battery), portable and capability for pole mounting. Separately quote for angle adjustable pole camp
- Guarantee for five years with spares and free service for another five years without spares. All
 accessories to be quoted separately.

ETT MACHINE WITH HEAY DUTY TREADMILL qty=1

Features:

- 12 Lead High resolution ECG processing permits ST measurement and ischemia /Arrhythmia detection.
- Full disclosure of entire study of all 12 lead EKG
- "Scroll Back" during the test to see episodes that might have been missed (S2)
- Export test results into formats, JPEG, XMI, Plain text, GDT, native /RAW data PDF (S2)
- Controls many models of treadmill & ergometer.
- Free Software updates for life of system
- · Network Storage enabled
- · A4 format plain paper printing (cost effective) during the test.
- Remote View via Network (S2)
- Enables printing processing of saved data (S2)
- · Arrhythmia detection print and capture VPB and SVPB(S2)
- Easy interface to EMR (Electronic Medical Record and HIS (Hospital Information System)
- · Standard as well unlimited user programmed
- Stress test protocols
- Heart Rate Recovery Score (S2)
- DIACOM Compatible

Technical Specifications:

Leads

Standard 12 leads

Defibrillation protection

Sensitivity

5,10,20,40 mm/mV

Horizontal scale

5,12.5,25,50,100mm/sec

	Signal dynamic range	10mV	
	DC max. input	$\pm 300 \text{mV}$	
	Resolution	12 bits (2.44 μV/LSB	
	ECG maximum sampling	4000 samples per second	
	rate		
	Input impedence	>100 Mohm	
	GMMR	>100 dB	
	Frequency range (-3db)	0.05~150Hz	
	Low pass filter	20,35,40Hz	
	Base line filter	Yes	
-	Line noise filter	50/60Hz	
	Communication interface	USB	
	Power supply	5V ±5%	
	Current consumption	<100 mA $\pm 10\%$	*
	Safety standard	Iec60601.1,EN60601-1-2, IEC60601-2-25,IEC60601-2-27	
	Operating temperature	0°C to 50°C	
	Storing temperature	20°C to 60°C	ē
	User weight capacity 5001		
	Safe low-profile deck 7" (18cm) from floor	×
	Running surface 22"x63"		
•	Self-aligning running belt		
	Cushioned and reversible All steel chassis	running deck	
	Powder coatfinish		
	Emergency stop and patie	nt tother	- 2
	Space requirement 33"x78		
	Heavy duty 4HP (6HP P		
	208~240, 50/60Hz dedicate		
	Speed Rage: Zero start 1-	-12 mph	
	Self calibration		
	Elevation Range: 0~25%	Self calibrating	
	Emergency stop – button	on left or right side	
			*

Computer System: qty=1 1. Latest Desk Top Computer with keyboard & mouse 2. Medical grade LED Monitor 19" 3. Latest Professional quality Laser Jet Printer 4. Imported System Trolley Defibrillator qty=1 Portable, lightweight External and Internal Defibrillator with ECG monitor and External Pacer. 1. Should be able to perform noninvasive pacing from a rate of 40bpm to 160bpm in demand and fixed modes. Should have programmable current pulse amplitude from 10mA to at least 160mA. 3. Rate accuracy should be $\pm 1.5\%$ over entire pacing range. 4. Should be fitted with a printer. 5. Defibrillator should administer biphasic shocks (from 2 to at least 360 Joules), including ability to deliver synchronized shocks. 6. The device should be AC/12V DC powered with ability to run on internal battery. 7. Should have ability to display and record at least 3-channel ECG simultaneously. Should have both adult and pediatric internal and external defibrillation paddles. 9. Should have option for disposable patch electrodes from which pacing/defibrillation/ ECG recording is possible. 10. Should have ability to assess oxygen saturation with a clip-on electrode. 11. Should have facilities for AED, oxygen saturation, external transcutaneous pacing (via patch electrodes) 300mA Mobile X-ray System High frequency x-ray generator 20 kW or more. X-RAY GENERATOR: High Frequency x-ray generator, 300mA/ 125kV. Microprocessor Controlled Auto diagnostic System Overload protection Output Power 20 kW or better KVp Range from 40 KVp to 125 KVp or better mA range from 10 to 300 mA or better. Automatic selection of mAs mAs Range 0.1 to 500 mAs or better.

Time range from 1 ms. to 10 sec.

Generator Console should be integrated with the System

Two steps Hand switch

Audible and light indication for x-ray exposure

Auto Diagnostic System with error code.

Automatic Line Power Detection System

X-RAY TUBE

Maximum Tension, 150 KVp.or better.

Focus sizes: Small focus 0.8 mm or better.

Anode heat capacity 100 KHU or more

Anode degree target angle, 15°

Halogen Lamp min 180 lux at 1 m SID

Tube Positioning

Max focal spot height 1800 mm or more

Min focal spot height 400 mm or more

Max. horizontal extension 1100 mm

Origin: UK/USA/EU/ JAPAN/ BRANDED

OR Equivalent

CIVIL WORKS

The bidder will sponsor or get done from their team or a nominated contractor, construction and alteration of the present premises. (Proposed design map is available with end user).

This will include hot lab sections, waiting area. Vinyl flooring where needed, False ceiling with LED lights, Coloring, Air conditioning of all areas, Furniture and Fixtures of all sections, replacement of aluminum doors with high quality flush doors associated with door closures, locks, etc. All electrical fittings including DB, and in room power cabling of the Gamma Camera and relevant equipment.

All Civil works must be commensurate with PNRA specification and standards, the vendor will pay the registration fee for initial registration to PNRA

TRAINING

Vendor will provide training of doctor/doctors (for 07 days or more) and technologist / technologists (for 07 days or more) at a reputed centre, in addition to comprehensive in-house training at installation site by application specialist.

SCHEDULE - 'B' FORMAT OF

CONTRACT AGREEMENT TO BE SIGNED BETWEEN MEDICAL SUPERINTENDENT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD AND THE SELECTED VENDOR FOR SUPPLY, INSTALLATION AND COMMISSIONING OF EQUIPMENTS A G R E E M E N T

This agreement made on the(DATE) day of(MONTH)Two Thousand(YEAR) between the Medical Superintendent,
Liaquat University Hospital, Hyderabad Sindh (hereinafter called theMS, LUH include the successor in office and assigned) of THE FIRST PART and
M/s(complete address of the supplier) (hereinafter called the(vendor name) include the successors in office
and assigned) of the SECOND PART;
2. Whereas M/s(vendor) submitted a tender No dtd for supply of(selected item name
with make & model)
notice no. & date)
3. Whereas M/s(vendor) is selected by the MS, LUH for supply & installation of the said equipment as mentioned in clause No.2
as per technical specifications incorporated to this Agreement as Annexure-2.
4. Whereas M/s(vendor) has been authorized to represent M/s(name of principal in case selected vendor is a authorized
dealer / agency) vide letter No dt
Agreement.
5. Whereas M/s (vendor) on behalf of its principal M/s (Principal) has agreed to honour all the conditions
stated in the tender referred under clause (2) above and also the terms & conditions as laid down in Annex-1 (Terms & conditions).
6. And whereas, M/s(principal) has relinquished its claim on the tender conditions under Clause (2) above by authorizing M/s(selected
vendor)
7. Now, the agreement witnesses the following:-
(A) SUPPLY, TRANSPORT: M/s(vendor) will supply(name of selected equipment with make &
model) on buy back basis within weeks / months (as per conditions quoted by tenderer) from the date of receipt of the formal supply order
with the product configuration as mentioned at Annexure – 2 and will abide by all the terms and conditions as laid down here-in-under and in the Notice
Inviting Tenders as aforementioned.
(B) TRANSPORT TO THE SITE: The equipment shall be transported to the site of Liaquat University Hospital, Hyderabad Sindh by M/s
(vendor) The Customs Clearance and payment of all other charges whatsoever will be the responsibility of the M/s
(vendor), the Second Party. However MS will provide the documents needed for relief of custom duty.
(C) INSTALLATION: The above equipment will be installed within 4 (Four) Weeks of delivery by M/s (vendor) at the site as may be provided at
Liaquat University Hospital, Hyderabad Sindh.
(D) COMMISSIONING: The above equipment will be commissioned and handed over to END USER (throughMS,LUH) by M/s
(vendor) for hospital/clinical use. All the requirements for hospital use of the equipment shall be fulfilled by M/s
(vendor)

(E) ACCEPTANCE	IESI	:
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- (i) Whereas the equipment is to be installed at the site and the acceptance test shall be performed by M/s(vendor)....... in presence of to MS,LUH (through END USER)/ expert whoever may be.

(F) USAGE:

- (i) The MS, LUH undertakes not to use the equipment or cause or allow the equipment to be used prior to the issuing of a certificate of acceptance.
- (ii) The equipment delivered and installed under this Agreement is to be operated and used at the site only. M/s(vendor)...... is responsible for handing over the equipment for hospital use of to MS, LUH.
- (iii) All mandatory requirements for making equipment fit for hospital use are the responsibility of M/s(vendor)......
- (iv) MS,LUH will operate the equipment through competent personnel adequately to be trained by M/s(vendor)...... for use of the equipment. (g) WARRANTIES:
- (i) years comprehensive warranty from the date of handing over of the equipment / machinery including local items & UPS with batteries, after possessing the acceptance test and in working condition for hospital use to MS,LUH shall be provided by M/s(vendor)......
- (ii) During the warranty period M/s(vendor)...... will provide maintenance service and any spare parts will be replaced free of charge.
- (iii) Any new application software up-gradation will be provided free of cost and without any extra charges during the warranty period.
- (iv) M/s(vendor)... or its authority shall during the warranty period render free services in order to make the equipment functioning uninterruptedly.
- (v) In order to enable to avail itself of its rights under this warranty, to MS,LUH shall immediately intimate M/s(vendor)..... in writing of any defects to MS,LUH shall further give M/s(vendor).... every opportunity of inspecting and remedying such defects.
- (vi) Uptime Guarantee of 95% of 365 days (24 Hours basis) will be ensured during warranty and Comprehensive AMC period. Any extra day of downtime beyond permitted 5% will be compensated by a penalty at the following rates per day of extra downtime.
- Rs. 25000/- per day for equipment value above Rs.200.00 lakhs
- Rs. 20000/- per day for equipment value above Rs.100.00 lakhs upto Rs.200.00 lakhs
- Rs. 15000/- per day for equipment value above Rs.75.00 lakhs upto Rs.100.00 lakhs
- Rs. 10000/- per day for equipment value above Rs.50.00 lakhs upto Rs.75.00 lakhs
- Rs. 5000/- per day for equipment value above Rs.20.00 lakhs upto Rs.50.00 lakhs
- Rs. 2000/- per day for equipment value above Rs. 10.00 Lakhs upto Rs.20.00 lakhs
- Rs. 1000/- per day for equipment value above Rs.5.00 lakhs upto Rs.10.00 lakhs
- Rs. 500/- per day for equipment value above Rs. 1.00 lakh uptoRs. 5.00 lakhs This penalty amount will be adjusted by extending CMC / AMC period.

(vii) Comprehensive / Non-comprehensive Annual Maintenance Contract: On expiry of the year's warranty period, M/s(vendor)...... will provide Annual maintenance contract for the equipment including local items & UPS (with batteries) from year to 10th year either comprehensive or non-comprehensive, which will be opted by the First Party, at the following frozen rates. Year AMC charges (Rs.) CMC charges (Rs.)..... year as per rates offered by the selected vendor as per rates offered by the selected vendor 7 th year 8 th year 9 th year 10th year The Performa for Annual Maintenance Contract will be as per Annexure-4 attached to this agreement. The AMC agreement shall include minimum of 4 preventive maintenance visits and any number of breakdown calls per year. The Service Engineer of the second party will attend all breakdown calls within 24 hours after receipt of intimation from the first party. Any repairs required will be carried out within 72 hours by the second party.

During the period of comprehensive maintenance contract, the spare parts to be required will be supplied by M/s..........(selected vendor)..... free of cost. However under Non-comprehensive Maintenance contract, spare parts will be charged extra. All software updates should be provided by the second party free of cost during the CMC period. The supplier will (the second party) guarantee towards supply of spare parts and maintenance of the equipment for a period upto 15th year.

(H) PRODUCT LIABILITY:

The equipment will be handed over to MS, LUH (through END USER) for surgical use. Upto the date of handing over the equipment, the insurance and other charges is the responsibility of M/s.....(selected vendor).....

- (I) VISIT AT SITE: M/s......(selected vendor)..... or its authorized persons shall be entitled at their own cost and risk, to visit and to inspect the equipment or any part thereof, as the case may be at the site. No charges shall be levied from MS,LUH in connection with such visits / inspections.
- (J) **TRAINING**: For use of the above equipment comprehensive training will be imparted to the users of the Institute at a busy institution, where same machine and model are in use, till familiarity with the system by M/s......(selected vendor)..... free of cost. The operational manuals / user's manual in English Language and other materials of the equipment will be supplied by M/s......(selected vendor)..... MS,LUH (through END USER).

 M/s......(selected vendor)..... (vendor) will also provide training of one doctor (for 7 days) and one technologist (for 15 days) at a reputed centre in addition to comprehensive in-house training at installation site by application specialist.
- (K) **INSPECTION**: The tenderer will arrange at no additional cost comprehensive inspection of the product before shipment at source by the end users. (L)**INDUSTRIAL AND INTELLECTUAL PROPERTY RIGHT**: M/s......(selected vendor).... is responsible for future maintenance of the equipment in the event of change of ownership or technology of the above product.
- (M) BANK GUARANTEE: M/s...........(selected vendor)..... will submit Bank Guarantee being 10% of the total value of the equipment towards satisfactory performance and services during warranty period in the prescribed format attached to this agreement as Annexure-5 within 30 (thirty) days from the date of receipt of formal purchase order from the First Party after signing of the contract by all the parties to the agreement. The bank guarantee shall remain valid 60 (sixty) days beyond the warranty period of the equipment. The second party shall also submit performance bank guarantee @ 2.5% of the equipment value (as per contract) during the post-warranty Annual Maintenance Contract (comprehensive) in the prescribed format 'Annexure-6'.
- (N) FORCE MAJEURE: (i) Either party shall be entitled to suspend performance of its obligations under this agreement to the extent that such performance is impeded or made unreasonably onerous by any of the following circumstance –
- (i) Industrial dispute, or any other circumstances beyond the control of the parties such as fire, war, extensive military mobilizations, insurrections, requisition, seizure, embargo, restriction in use of power. (ii) The party claiming to be effected by force-majeure shall notify the other party in writing without delay on the intervention and on cessation of such circumstance.

(O) PREMATURE TERMINATION: Notwithstanding anything to the contrary expressed or implied in this Agreement and without prejudice to any other rights or remedies available to it MS,LUH may after having given M/s........(selected vendor)..... not less than 30 calendar days' notice to that effect terminate this agreement in the event that the M/s.......(selected vendor).... has committed any breach or violation of any fundamental terms & conditions of this Agreement and fails to remedy the said breach or violation within 30 calendar days of such notice.

(P) VALIDITY: This agreement shall be governed by the laws of Pakistan and within the jurisdiction of Sindh High Court.

(Q) DELAYED DELIVERY: M/s...... (selected vendor).... M/s...... (selected vendor).... must agree to compensate by extending the warranty period to the extent of twice the number of total days of delay on account of delayed delivery on the equipment upto a maximum period of one month for reasons which are directly under its control. If the delay in delivery exceeds one month, in addition to the above, penalty at the following rates will be imposed against the vendor which will be recovered from the EMD / security deposit / bank guarantee. The vendor will pay a panelty ofRs. 25000/- per day for equipment after the end of grace one month, till the machine is delivered on site of installation.

It is, hereby agreed to set our signatures and seals as confirmed acceptance of the terms and conditions from either side i.e. Liaquat University Hospital, Hyderabaad Sindh, represented by the Medical Superintendent as FIRST PARTY and M/s....... (selected vendor)... represented by Mr.................. (selected vendor)..... Witnesses: 1. 2. 1. 2. 16

Annexure - 1

- 4. The price of the equipment with its accessories will be Rs......which is inclusive of customs duty, clearing & forwarding charges, Octroi, VAT / CST and all other charges withyears comprehensive warranty.
- 5. Payment terms & conditions
- (i) The payment will be made only on receipt of final Job Completion Report of the supply, if supplied on FOR basis, installation & commissioning of the equipment from the Inspection Committee to be constituted by the First Party (Purchaser). In this connection, the Second Party (Supplier) will submit bill for payment after satisfactory supply, installation and commissioning of the equipment.
- (ii) Payment for imported items (in case tenderer specifically mentioned in the tender offer) will be made through Letter of Credit. 80% of the total LC amount will be released to the Supplier against delivery of the equipment and balance 20% will be released on receipt of final Job Completion Report from the Inspection Committee to be constituted by the Purchaser after satisfactory installation and commissioning of the equipment.

6. M/s......(selected vendor).... will submit Bank Guarantee being 10% of the total value of the equipment towards satisfactory performance and services during warranty period in the prescribed format attached to this agreement as Annexure-5 within 30 (thirty) days from the date of receipt of formal purchase order from the First Party after signing of the contract by all the parties to the agreement. The bank guarantee shall remain valid 60 (sixty) days beyond the warranty period of the equipment.

The second party shall also submit performance bank guarantee @ 2.5% of the equipment value (as per contract) during the post-warranty Annual Maintenance Contract in the prescribed format 'Annexure-6'.

- 7. M/s......(selected vendor)..... shall have to deliver the above equipment within weeks from the date of receipt of formal supply order.
- 8. M/s.....(selected vendor).... will have to enter into a contract for supply, transport to the site, installation and commissioning of the equipment.
- 9. On expiry of the year's warranty period, M/s(vendor)...... will provide Annual maintenance contract for the equipment including local items & UPS (with batteries) from following year to 10th year either comprehensive or non-comprehensive, which will be opted by the First Party, at the following frozen rates. Year AMC charges (Rs.) CMC charges (Rs.) year as per rates offered by the selected vendor as per rates offered by the selected vendor each tear till the 10th year The proforma for Annual Maintenance Contract will be as per Annexure-4 attached to this agreement. The AMC agreement shall include minimum of 4 preventive maintenance visits and any number of breakdown calls per year. The Service Engineer of the second party will attend all breakdown calls within 24 hours after receipt of intimation from the first party.

Repairs of any required will be carried out within 72 hours by the second party. During the period of comprehensive maintenance contract, the spare parts to be required will be supplied by M/s......(selected vendor)..... free of cost. However under Noncomprehensive Maintenance contract, spare parts will be charged extra. All software updates should be provided by the second party free of cost during the CMC period.

- 10. M/s.....(selected vendor).... assures for reparability, availability of spare parts for maintenance of the unit for a minimum period upto 15th year.
- 11. Whereas the above equipment goes out of order it would be attended by M/s(selected vendor)'s service engineer within 24 hours from the date of receipt of information from Liaquat University Hospital, Hyderabad Sindh,. The supplier will remain responsible to the Liaquat University Hospital, Hyderabad Sindh, for proper functioning of the equipment regularly and effectively.

Annexure - 2 (part of Agreement)

SPECIFICATIONS OF SELECTED EQUIPMENTS Technical specifications make & model of the equipment as offered by the vendor and as per recommendation of the Technical Assessment Committee/ Purchase Committee / Finance Committee / Management Council (to be included in details)

Warranty

The tenderers must quote for 5 years onsite warranty from the date of completion of the satisfactory installation as certified by the end user. The Warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected.

Bidders will provide a certificate from the original manufacturer that they will stand responsible and fulfill the contractual responsibility in case of change, or liquidation, of present local agents.

Also the Bidders should submit their quote for subsequent 5 years on site comprehensive maintenance contract (CMC) (include free labour, repair, other services & spare parts).

Failure to comply this condition will entail the rejection of the Bids.

The price comparison shall be made taking into account on basic price and post warranty CMC.

The Rate Contracting Authority reserves the right to award CMC.

The amount of CMC would be released to the supplier on successful completion of the maintenance of that particular year duly certified by the user department.

Service

The supplier will ensure regular maintenance service by the appropriate engineer certified by the manufacturer having the technical know-how of the equipment.

Maintenance

As the cost of the equipment is more than Pak Rs. Five Lakhs, the supplier has to include in the bid a comprehensive maintenance contract with the purchaser for five years after the lapse of mandatory warranty period. Without this tender will be considered incomplete and summarily rejected. The supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might be raised by the user department.

· Non-compliance of any of these conditions or any of the conditions mentioned in the document renders the purchaser to blacklist the supplier along with appropriate legal actions.

Downtime penalty Clause

During the Guarantee/warranty period, desired uptime of 95% of 365 days (24 hrs) if downtime more than 5% the institute shall be entitled to impose penalty equal to amount of 0.05% of the total cost of the equipment per day for the first seven days will be payable by the vendor which will doubled on subsequent weeks along with extension of warranty period to further five years by the excess down time period i.e. more that 10%. The vendor must submit an undertaking from the original manufacturer guaranteeing supply of all spares for optimal upkeep of the equipment for at least

TEN YEARS after commissioning of the unit in the department.

Solvency & Liquidated Damages

Vendor will submit a certificate from the original manufacturer, duly endorsed and authenticated by the embassy/consulate in Pakistan that incase of Liquidation of vendor or change of dealership in TEN YEARS from date of commissioning of the merchandise, the manufacturer will be responsible to honour the CMC and AMC directly or through a third party.

If the supplier fails to deliver any or all of the goods or fails to perform the service within the time frame(s) incorporated in the tender, the Purchaser shall, without prejudice to other right and remedies available to the Purchaser under the tender, deduct from the quoted price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of the quoted price. Once maximum 10% of value of delayed supply is reached, Purchaser may consider termination of the tender.

FORCE MAJEURE:

If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party hall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries have been.

If the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, Liaquat University Hospital Hyderabad, party may, at least option to terminate the contract.

Insolvency etc.:

In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified. Laiquat University Hospital Hyderabad shall have the power to terminate the contract without any prior notice.

Breach of Terms and Conditions:

In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason thereof and nothing will be payable by Laiquat University Hospital Hyderabad. In that event the security deposit shall also stand forfeited.

Subletting of Work:

The firm shall not assign or sublet the work/job or any part of it to any other person or party without having first obtained permission in writing of Laiquat University Hospital Hyderabad, which will be at liberty to refuse if thinks fit.

The tender is not transferable.

One tenderer shall submit only one tender.

Tenderer must provide evidence of having supplied to at least 3 reputed government / reputed private organizations in Sindh including at least one government institution & atleast 1/3 contract value in the last three years.

Tenderer must provide certificates from the end users of these institutions of satisfactory provision of after sale service.

The demonstration of the equipment forms an essential part of the tender. The bidder has to arrange for the demonstration of the equipment with no financial assistance from.

Provision of Operating and Service Manual in ENGLISH language is mandatory without which the product will not be accepted.

Vendors have to provide certificate from original manufacturer that the equipment is fresh, and a brand new piece.

Hospital reserves the right to forfeit the equipment, demand a brand new replacement and initiate criminal proceedings against the vendor should it at any stage discover that, used or refurbished product was supplied

N.B: -

- 1 Sole agent Certificate / Authority letter from the manufacturer must be provided by the bidder.
- 2 The supplier will be bound to train nominated technical personnel to operate and for repair and maintenance of supplied equipment.
- 3 Joint inspection will be carried out by consignee representative / End User, and Director Bio-Medical Govt. of Sindh or his representative.
- 4 Guaranteed presence of manufacturer's trained service engineer in Karachi.
- 5 Presence of manufacture's engineer and application specialist during commissioning phase.

DELIVERY PERIOD:	 VA.	LID	IT	Y	 	

General Conditions & Instructions:

1.1 The tenders shall be submitted with all documents and drawing literature & catalogue (in equipment) in sealed envelops, with sealing wax. The envelope must contained tender enquiry No. on the top. The name of manufacturer and the supplier should be affixed on the face of envelope at the left side.

- 1.2 Tenders must be filled in with blue or black ink in the columns provided/on separate letter Head duly signed & Stamped.
- 1.3 The tenders must be free from erasing cutting and over writing. In case of erasing, cutting and over writing, authorized person should initial it.
- 1.4 The rates of each item should be written in figures as well as in words. In case of discrepancy the price in works will be taken as authenticate and final.
- 1.5 Conditional Tenders will be ignored and will not be considered/entertained/accepted.
- 1.6 Tenders from shall be accompanied by Earnest Money @ 2.5% of the value of stores quoted by them in form of call Deposit / pay order.
- 1.7 Original purchase receipt must be enclosed with their offer.
- 1.8 The tendered rate should be inclusive of all taxes, Income & Sales Tax etc payable to Federal & Provincial Govt or Local bodies and no claims on this account shall be entertained.
- 1.9 The bidder shall furnish General sales tax (GST) Registration Certificate of the firm failing which the offer will be ignored. In case the item is exempted from GST either documentary evident or certificate from competent authority shall be attached with the offer.
- 1.10 The bidder shall furnish copy of NTN Certificate.
- 1.11 The bidder shall furnish copy of valid professional Tax (Excise & Taxation)Certificate
- 1.12 The bidder shall furnish an affidavit on non-judicial stamp paper of Rs.100/- that the firms is not black listed in any Govt Depatt.
- 1.13 The bidder shall furnish minimum three years experience in relevant field with documentary proof.
- 1.14 The bidder shall furnish three years minimum Thirty Million Turn over per year with Bank Certificate
- 1.15 The bidder shall furnish three years Income Tax Return Certificate.
- 1.16 The bidder shall furnish photocopy of call deposit without showing amount in technical bid and original with financial envelope.

2. SPECIAL CONDITIONS:

- 2.1 Store is required immediately. The tenders may, however, give their short guaranteed delivery period by which the supply will be completed positively.
- 2.2 Tenders are required to specify make, country of origin and furnish detailed technical Description literature / catalogue along with their offer.
- 2.3 The Bidders shall quote their firm and final price both in figures & words on "Free Delivery basis to Consignee end.
- 2.4 Also choice to select/ignore any their alternate offers shall rest with the purchaser.
- 2.5 No manufacturer shall authorize their distributor/agent/any firm or person to quote the same item which manufacturer is quoting it self in any tender. Failing that offers of both the manufacturer, which the manufacturer as well as other bidder shall be ignored.
- 2.6 Tenders shall purchase separate tender documents and furnish purchases receipts for each alternate offer in case they want to

- submit alternate offer for any items. All the bids with alternate offers without separate purchases receipt (Original) are suppose to be rejected.
- 2.7 The bidder shall confirm the refund of cost difference if the same goods is/was supplied at lower rates to any other Govt./Semi Government institution or Armed Forces in the province or out side in the same fiscal year.
- 2.8 The Bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal.
- 2.9 The envelope shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion.
- 2.10 Initially, only envelope marked as "TECHNICAL PROPOSAL" shall be opened.
- 2.11 The envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of the procuring agency without being opened.

3. Purchaser's Right Vary Quantities at time of award.

The Purchaser reserves the right to increase/decrease or delete the quantities of goods etc at the time of award of contract and also reserves the right to enhance the quantity by 25% of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions of goods at any time during the contract period The purchaser reserves the right to accept or reject any bid, and to annual the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders on the grounds for the Purchaser's action

4. Notification of Award/Advance Contract:

- 4.1 Prior to the expiration of the period of bid validity the purchaser will notify the successful bidder in writing delivery by hand or by registered letter by cable to be confirmed in writing by registered letter that is bid has been accepted.
- 4.2 The notification of award will constitute the formation of the contract.
- 4.3 Upon the successful bidder furnishing of the performance security pursuant to Sr.No.1.1 of the instructions and Sr.No.3 of the advance contract the purchase will promptly notify each unsuccessful bidder and will discharge its bid security on receipt of bidder's request.

5. Award of Contract & Contract Agreement

Subject to the fulfillment of all codal formalities the purchaser will award the contract to the successful Bidder who's bid has been determined to be qualified to perform the contract satisfactory.

6. Performance Security:

The successful tenders will have to deposit with the purchaser 9% Security Deposits of the total value in shape of call Deposit / Pay Order same will be return after 02 year warranty period.

- Criteria for evaluation of bids.
 - a. Quoted prices.
 - b. Specification compliance/preferred functions

- a. After sale service facility (In case of equipment)
- b. Operational cost (In case of equipment & Vehicle)
- c. Delivery schedule
- d. Authority letter from manufacturer
- e. Earnest money.

8. Fee for Award of Contract:

Service charges @ 0.3% of the value of the Contract will be realized/charged by the A.G. Sindh, while making payment to the contractors for award of each contract (Stamp Duty).

9. Undertaking:

- 9.1 That I/we agree whether our tender accepted for total partial or enhanced quantity for all or any single item. I/we also agreed to supply and accept the said item at the rates for the supply of contracted quantity with in the stipulated period shown in the contract.
- 9.2 I/we understand and confirm the refund of cost difference if the same goods is/was supplied at lower rates to any other Govt./Semi Govt: institution in the Province in the same fiscal year.
- 9.3 I/we undertake that, if any of the information submitted in accordance to this tender enquiry found incorrect our contract may be cancelled at any stage on our cost and risk.

10 CERTIFICATE

We guarantee to supply the stores exactly in accordance with the requirement specified in the invitation to this tender.

Signature of Tenderer	
Name & Designation	
Address:	
ncome Tax	
G.S.T No:	
CNIC No:	
Photo Copies must be enclosed)	