No:LUH/Gen-Br/- 1834/36

Office of the Medical Superintendent Liaquat University Hospital, Hyderabad / Jamshoro Dated: - 16/ 01/ 2016.

To,

The Incharge (Receipt Section)

Sindh Public Procurement Regulatory Authority,

Government of Sindh.

Karachi.

SUBJECT:- RETURN OF TENDER NOTICE.

Reference:- Your Letter No:AM (IR)/SPPRA/2015-16/173 Dated 14.01.2016

The requisite documents / information alongwith other tender documents on the subject noted above in respect of this hospital as under as desired: -

S.No:	Observation	Reply
1	Notification of Complaint Redressal Committee (Rule-31).	The Notification of Complaint Redress Committee has already been submitted under this office letter No:LUH/Gen-Br/-1565/66 Dated 13.01.2016, However the copy of same is enclosed herewith.
2	Cheque / Pay Order amounting to Rs.2000/- in favour of SPPRA as Website Hosting charges.	Send Bill / Invoice of SPPRA as Website

Nzel. Me

Medical Superintendent Liaquat University Hospital, Hyderabad / Jamshoro Dated:- / / 2016

No:LUH/Gen-Br/-

Copy forwarded for information to:-

1. The Staff Officer to Managing Director, SPPRA, Karachi.

2. The P.S to Secretary, Government of Sindh, Health Department, Karachi.

Medical Superintendent Liaquat University Hospital, Hyderabad / Jamshoro

91-10-81an-10

A STANDARD OF THE STANDARD OF



No. SO (M&I) 2-1/2013 (CRC)

GOVERNMENT OF SINDH HEALTH DEPARTMENT

(PROCUREMENT MONITORING & INSPECTION CELL)
Karachi, Dated: the 28th March, 2015

NOTIFICATION

In supersession of this Department's notification of even number dated: 29th July, 2013 and in pursuance of Rules-31 and 32 of Sindh Public Procurement Rules 2010, the Government of Sindh, Health Department re-constitutes Complaint Redressal Committee (CRC) comprising of the following officers for scrutinizing the complaints of aggrieved bidders against tender invited by Health Institutions / Hospitals / Programmes / Projects in Sindh.

01	Scoretary Health Department, Sindh	Chairman
02	Additional Secretary(PM&I),Health Department, Sindh	Member
03	Professor Khalida Soomro, Professor of Cardiology, Dow University of Health Sciences / Civil Hospital, Karachi.	Member
04	Dr. Syed Khalid Hussain, Procurement Executive, N.I.C.V.D., Karachi.	Member
05	Representative from Accountant General Sindh, Karachi	Member

TORs

> To scrutinize the complaints from the aggrieved bidders and decide the cases strictly in accordance with SPP Rules 2010.

IFTIKHAR ALI SHALLWANI SECRETARY HEALTH

No. S.O.(PM&I) 2-1/2011(CRC)

Karachi, dated, the 28th March, 2015

C.C to:

1. The P.S.to Chief Secretary Sindh, Karachi.

2. The Managing Director, Sindh Public Procurement Regulatory Authority, Karachin

3. The Executive Director, NICVD, Karachi.

4. The Director General Health Services Sindh, Hyderabad.

5. The Additional Secretary (Admn/Development/Public Health), Health Department/Public Health),

6. The Chairman & all members of the Committee.

7. The P.S. to Secretary Health Sindh.

2 Branch

(RASHID HUSSAIN) SECTION OFFICER (PART) Fax:022-9210208

No:LUH/Gen-Br/-

Ph:022-9210207

Office of the
Medical Superintendent
Liaquat University Hospital
Hyderabad / Jamshoro
Dated: / / 2016

To,

The Director of Information (Advertisement), Government of Sindh, Block No:96, Sindh Secretariat, KARACHI.

SUBJECT:- PUBLICATION OF TENDER NOTICE.

Seven copies of Tender Notice Advertisement of this hospital is sent herewith with the request that it may kindly be published in widely circulated English, Urdu & Sindh Newspaper in single insertion.

> Medical Superintendent Liaquat University Hospital Hyderabad / Jamshoro Dated / 3 - 01 - 2016.

No:LUH/Gen-Br/-\323/25.

Copy forwarded for information to:-

1. The Secretary, Government of Sindh, Information & Technology Department, Karachi with request the same may be pasted on www.sindh.gov.pk.

The Managing Director, Sindh Public Procurement Regulatory Authority Government of Sindh, Karachi with request the same may be pasted on www.pprasindh.gov.pk. (Advertisement Notice, Bidding Documents, Notification of Procurement/Technical Committee, Notification of CRC, Procurement Plan)

3. Notice Board.

Medical Superintendent

Medical Superintendent Liaquat University Hospital Hyderabad / Jamshoro

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AdvertisementI

TENDER NOTICE.

According SPPRA rules 2010 sealed tenders are hereby invited from Interested Agent / Sole Agent/ Foreign Companies Distributors in Pakistan for the purchase of following items for Liaquat University Hospital, Hyderabad/Jamshoro on FOR Basis. The last date for submission of tender documents is 17th February 2016 up to

	A.M and the opened on same day at 12.00			ipants.
S.	NAME OF ITES	QTY	SECURITY	TENDER FEES
NO			DEPOSIT	(NON-
				REFUNDABL
				E)
01	PURCHASE OF MACHINERY / EQUIPMENT UNDER ADP NO. 370 2015-16			
I	Purchase & Installation of Bed Lift	01		
	with Commissioning And Cabling Cardiothoracic Surgery Building LUH, Hyderabad	01		
II	Purchase & Installation of dual fired Generator 100 KVA, 50 Cycle Frequency, 410 Volts appropriate size cable ATS Panel, Circuit Breakers and Switches Cable Laying, Testing &	01		
	Commissioning with Transportation, Housing at Cardiothoracic Surgery Building LUH, Hyderabad. 06 Monthly Mandatory service and maintenance with parts for further three years.		2.5%	Rs.2000/-
III	Operation Theatre Light			
IV	Operation Table			
V	Echo Cardiography Machine with Trans Oesophgeal Probes.			
VI	One old to New Born Ventilator with Bipap Mode.			
VII	Oxygen Generation Plant.			
02	Purchase of Single Plane Cardiac Angiography / Interventional System for Cardiac Surgery Department LUH, Hyderabad.		2.5%	Rs.2000/-

The tender form can be purchased From 15.01.2016 to 16.02.2016 from office of the undersigned LUH, Hyderabad and Addl: Secretary Monitoring & Ph:022-9210207 Fax:022-9210208

Inspection Cell Health Department, Government of Sindh, Room No.410, 3rd Floor, Tughlaq House, Sindh Secretariat No.2, Shahar-e-Liaquat, Karachi.

NOTE:

- 1. 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.
- 2. Tender form should be submitted in Two Envelope system i-e Technical and Financial separately.
- 3. The Income Tax / GST / SST will be deducted according to rules of Government of Pakistan if applicable.
- 4. The specification and other terms and condition can be seeing from Tender Enquiry.

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Medical Superintendent Liaquat University Hospital Hyderabad/Jamshoro



Government of Sindh Health Department

7060

05-11-7011

NOTIFICATION

100

No.HD (P&E) 3-5 (55) / 2015. The Government of Sindh, Health Department is pleased to constitute a Procurement Committee under Clause 7 of Sindh Public Procurement Rules 2010, comprising of following members for the purchase of machinery / equipment, furniture and fixture (Revenue Component) for the development schemes namely "ESTABLISHMENT OF CARDIOTHORACIC SURGERY DEPARTMENT AT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD" and also purchase of Angiography machine, for the year 2015-16;

1. Medical Superintendent, Chairman Liaquat University Hospital, Hyderabad / Jamshoro

2. Director General Health Service, Sindh, Hyderabad.

Member

3. Additional Medical Superintendent (Procurement), Liaquat University Hospital, Hyderabad / Jamshoro Member

4. Representative of Commissioner Hyderabad Division Hyderabad.

Member

5. District Accounts Officer, Hyderabad

Member

The committee will responsible to observe all the codal formalities as per Sindh Public Procurement Rules 2010 (Amended 2013).

(a/n)

Dr.Saeed Ahmed Mangnejo SECRETARY HEALTH

NO.HD (P&E) 3-5 (55) / 2015

Karachi, dated, the 31.10.2015

C.c. to:

1. Commissioner, Hyderabad Division Hyderabad with request to nominate the representative for the purchase committee.

2. Managing Director, Sindh Public Procurement Regularity Authority, Karachi

Medical Superintendent, Liaquat University Hospital, Hyderabad / Jamshoro.

4. District Account Officer, Hyderabad,

5. All the members of the committee.

6. P.S to Secretary, Health Department, Govt. of Sindh, Karachi.

Research Officer (Dev)

Hen Box:



Government of Sindh Health Department

7063 05-21-

NOTIFICATION

No.HD (P&E) 3-5 (55) / 2015. The Government of Sindh, Health Department is pleased to constitute a Technical committee, comprising of following members for the purchase of Machinery / Equipment, furniture and fixture (Revenue Component) for the development scheme namely "ESTABLISHMENT OF CARDIOTHORACIC SURGERY DEPARTMENT AT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD", for the year 2015-16;

- Prof. Raheel Ahmed
 Head of Department of Cardiac Surgery
 Liaquat University Hospital, Hyderabad / Jamshoro.
- 2. Head of Department Anesthesia Liaquat University Hospital, Hyderabad / Jamshoro.
- 3. Head of Department Surgery
 Liaquat University Hospital, Hyderabad / Jamshoro.
- 4. Head of Department Pathology
 Liaquat University Hospital, Hyderabad / Jamshoro.

Technical committee members will responsible to prepare the technical specification of machinery / equipment and also carry out the evaluation of technical specification offered in bids.

Dr.Saeed Ahmed Mangnejo SECRETARY HEALTH

NO.HD (P&E) 3-5 (55) / 2015

Karachi, dated, the 31.10.2015

<u>C.c. to</u>:

✓. Medical Superintendent, Liaquat University Hospital, Hyderabad / Jamshoro.

2. Managing Director, Sindh Public Procurement Regularity Authority, Karachi

3. All the members of the committee.

4. P.S to Secretary, Health Department, Govt. of Sindh, Karachi.

Research Officer (Dev)

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Government of Sindh Health Department

NOTIFICATION

7064

05-X1-20

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No.HD (P&E) 3-5 (55) / 2015. The Government of Sindh, Health Department is pleased to constitute a Technical committee, comprising of following members for the purchase of Angiography Machine to be installed at "CARDIOTHORACIC SURGERY DEPARTMENT AT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD", for the year 2015-16;

- Prof. Raheel Ahmed
 Head of Department of Cardiac Surgery
 Liaquat University Hospital, Hyderabad / Jamshoro.
- Prof.Khalida Soomro, Head of Department of Cardiology, Civil Hospital, Karachi.
- Prof. Nadeem Rizvi, National Institute of Cardio Vascular Diseases Karachi
- Prof. Ghulam Qadir Buladi
 Head of Department of Radiology,
 Liaquat University Hospital, Hyderabad / Jamshoro.

Technical committee members will responsible to prepare the technical specification of machine and also carry out the evaluation of technical specification offered in bids.

Dr. Saeed Ahmed Mangnejo SECRETARY HEALTH

NO.HD (P&E) 3-5 (55) / 2015

Karachi, dated, the 31.10.2015

C.c. to:

Medical Superintendent, Liaquat University Hospital, Hyderabad / Jamshoro.

2. Managing Director, Sindh Public Procurement Regularity Authority, Karachi

3. All the members of the committee.

4. P.S to Secretary, Health Department, Govt. of Sindh, Karachi.

Research Officer (Dev.

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ANNUAL PROCUREMENT PLAN LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD / JAMSHORO FINANCIAL YEAR 2015-16

		4					
S.No: Description of Procurement.	Qty	Estimated Funds	Funds	e of		Timing of Procurement	Remarks
		Total cost	Total cost Allocated	funds	Procure-	··	
				(ADP /	ment		
				Non ADP) method	method		
						1st Qtr 2nd Qtr 3rd Qtr 4th Qtr	
1 Drugs / Medicines & Surgical Items (L.P)		87.75 M	87.75 M	Non ADP	Single	In all quarters as per Requirement	
					Stage Two		
					Envelope		
2 Dietary Items.		34.13 M	34.13 M	do	do	0D	
3 Uniform & Liveries		2.89 M	2.89 M	do	do	do	
4 Misc / Petty / Electric Items.		4.39 M	4.39 M	do	do	do	
5 Medical Gases		19.69 M	19.69 M	do	do	do	
6 Janitorial Services & Items.	sed	9.45 M	9.45 M	do	do		
7 Printing Articles.	nclo	0.92 M	0.92 M	do	0b	0b	
8 Stationary Articles	st E	0.55 M	0.55 M	do	do	do	
9 Instruments	Lis	3.68 M	3.68 M	do	do	ú0	
10 Consumable Items / Pathology Kits & Chemicals.		8.2 M	8.2 M	do	do	do	
11 Repair of Machinery / Equipment		16.57 M	16.57 M	do	do	do	
12 Repair of Furniture / Fixture.		1.65 M	1.65 M	do	do	do	
13 Machinery Equipment under SNE		0.84 M	0.84 M	do	do	Subject to Release of Funds	
14 Furniture / Fixture under SNE		0.50 M	0.50 M	do	do	Subject to Release of Funds	
15 Stores Purchase under ADP Scheme No:370		50 M	50 M	do	do	Subject to Release of Funds	

Medical Superintendent Liaquat University Hospital Hyderabad / Jamshoro



(Rs. 2000/= Non Refundable)

LIAOUAT UNIVERSITY HOSPITAL, HYDERABAD / JAMSHORO

SUPPLY OF MACHINERY/EQUIPMENT FOR THE YEAR 2015-16

TENDER INQUIRY NO. 17/2015-16

DUE ON 17.02.2016

Time of Receipt of Tender Form 15.01.2016 to 16.01.2016 upto 2.00 PM Time of Submission of Tender Form 17.02.2016 at 11.30 A.M Time of opening of Tender Form 17.02.2016 at 12.00 NOON

SINGLE PLANE CARDIAC ANGIOGRAPHY/INTERVENTIONAL SYSTEM. FOR LIAQUAT UNIVERSITY HOSPITAL HYDERABAD

A fully digital flat panel single plane Cardiac Angiography / Cardiac catheterization system, dedicated for diagnostic & interventional cardiac procedures in a The vendor must have sold angiography equipment in the province and submit letter of satisfaction regarding after sales service from three reputable The quoted model must be latest and bidder must mention the number of systems installed worldwide and in Pakistan. Hybrid Operation Room with following minimum specifications and application softwares on TURN KEY BASIS.

S.NO. ITEM DETAILS - MODEL AND SPECIFICATIONS 1. POSITIONING ARM: Frontal Arm Stand. 1.1. The system should be floor mounted with capability to move on all three sides of the table to cover head to toe patient imaging. 1.3 Real time display of rotation angulations. 1.4 Geometry: C-arm / G-arm 1.5 RAO / LAO +/- 105 ° or more. 1.6 Cranial / Caudal: Min. +/-50° In all detector positions 1.7 Rotation Speed: 25°/sec or more in LAO / RAO. 1.8 Isocentric Height: Variable / Fixed. 1.9 Auto Positioning: Programmable auto positioning of selected. 1.10 Angulations, (50 or more) programmable positions.) 1.11 The control panel can be mounted at any side of the patient table. 1.12 All the rotational / angles should be digitally displayed

2. DIGITAL FLAT PANEL DETECTOR 8 x 8 INCH OR MORE 2.1 Single plane C-Arm / G-Arm	2.2 Image matrix of 1024 x 1024 x 14 bits or more. 2.3 Standard cardiology size with three formats	2.4 Built in temperature stabilizer. Auto selection of filteration/comillation for adult and paediatric exams.	 2.7 All other standard accessories according to this digital flat panel	Dose management with floro filters range of 0.1/0.2mm to 0.9/1.0 mm Cu. The selection of Cu filters must be automatic by the system based on patient weight, observed.	2.9 Pixel Size of 194 µm or better. 2.10 Spatial resolution 2.0 LP/mm	2.11 Removable grid for pediatric application.

 3. PATIENT SUPPORT/ TABLE: 3.1 Tilting Catheterization Table with + 15 to -15 degrees tilt. 3.2 Floor mounted with up/down, Trendlenburg and reverse Trendlenburg, longitudinal and transverse 3.3 Rotational movements 3.4 Longitudinal Stroke: 1000-1500 mm. stepping DSA capability in table. 3.5 Lateral stroke: 100.300 mm. 	All table side movement controls. Table top should be of such construction in less than 150 kg plus 100 kg for resuscitation. Table dimensions should be able to accome Table top should have large matal.	11 11 11 11 11 11 11 11 11 11 11 11 11	 4.1 Dual / Triple focus with at least 3.0 MHU or better anode heat storage. 4.2 Large Capacity to enable continuous heat dissipation during serial exposure. Tube power should be same as generator power i.e. 100kw. 4.3 Rotating anode bearing less liquid metal technology tube. 4.4 Dual focus X-ray tube 0.4 and 0.8 mm foci or similar. 4.5 Dose management with auto adjustment floro filters, with 200 mA current or more 4.6 X-ray tube with higher floro current. 	Serial filming exposures with shortest exposure of Ims, with automatic kV and mA control for optimum image quality. The system should have capability of digital radiography and fluoroscopy. Should have capability of doing digital pulsed fluoroscopy at 10/2.5/15 frames and 25/30frames per second in 1024X1024X10 bits or more.

5.7 Automatic kV, mA & pulse width regulations.

	0 FPS and 512 x		agnetic disk of	re. uantification		he original	J.LED.	lical		Ice.
6. DIGITAL IMAGING AND ACQUISITION / FLUOROSCOPY:		6.4 Real time filtering and road map function. 6.5 Magnetic Disk Capacity for Storage of 50,000 images or more in 10241021102110211021102110211021102110211021102110211021	6.6 Minimum scene length to be 10 seconds in 1024 matrix. 6.7 Digital pulsed fluoroscopy with 7.5 / 15 and 25 / 30 EDS: 1024		7. MONITORING SYSTEM.		7.4 All the monitors will be of Medical Graded, complied with international standards 6	8. RECORDING / ARCHIVING & COMMUNICATION SYSTEM:	 8.4 Ethernet connection to connect with other terminals. 8.5 Integrated Intercom system.	9.1 Complete analysis package for the following cardiac applications. 9.2 Dynamic pre and post PTCA / valvotomy comparison with one image live and other reference.

 9.4 Dynamic real time pan / zoom. 9.5 Dynamic real time digital image processing like edge enhancement or gamma correction, noise in their Principals offer. 9.6 The bidders should provide their licensed software for PTMC, and TAVI procedures, with part number loop. 9.7 Simultaneous display of fluoroscopy and reference image. 	9.8 Standard Quantification packages for QCA analysis. 9.9 Online image density (gray scale) correction. 9.10 Facility to review previous studies in the examination room from the patients old CD/DVD. 9.11 Automatic positioning of the C-Arm corresponding to reference image. 9.12 Store floro facility to store fluoroscopy. 9.13 Stent visualization system latest version by the company. 9.14 3-D coronary visualization / reconstruction software and work.	 10. SURGICAL SHADOW LESS LIGHT: 10.1 Ceiling suspended LED double arm, for Angiographic and surgical procedures. 11. RADIATION PROTECTION: 10.1 Ceiling suspended tiltable lead glass for radiation protection of operators head & neck regions and 11.2 Collision tolerant. 11.3 Lower body radiation protection flap. 11.3 Lower body radiation protection flap. 	12. ACCESSORIES OF ANGIOGRAPHY SYSTEM: Nachine. Multichannel (18 channels or more) to record at least 4 channels IBP, Cardiac output with capability to interface with \$JM./Volcano, /Opsense,/ ACIST IVUS devices. 12.2 Digital display of all the parameters like IBP, Heart rate, cardiac output parameters.	Disposable transducers (500 Nos.) One Complete 12 lead ECG Cable set. Cardiac Output (01 No)

	Se	SS					
8 6 01			and network ready including 20 packs of photo paper and cartridges One Laser Black & White Printers, capable of printing on multi-size papers, 2400 dpi or more network ready with 20 packs of standard paper and cartridges (Qty 03)	Lead goggles (06) Thyroid protectors (06) Lead gloves (06)	Lead glass window of size 5' x 2.5 feet Shielding / lead lining in the doors/walls of Angio room including paneling.	Surroundings to ensure artifacts free examinations. QUALITY & SAFETY STANDARDS / RADIATION PROTECTION: Main angiography system and other above mentioned.	Approval from Pakistan Nuclear Regulatory Authority of this unit should be USA. Furone James
12. 13.	13.2	13.5	13.6	13.10	13.12	14.	14.2

15. TRAINING / APPLICATION SPECIALIST

& MDD (CE) compliance and country of manufacturing of this unit should be USA, Europe, Japan. Approval from Pakistan Nuclear Regulatory Authority (PNRA) regarding radiation protection safety/leakage of equipment and room will be responsibility of the vendor.

lity		ф					
15.1 Training of Operator in English speaking country on the same supplied model or one week availability of cardiologist recommended by the department. 15.2 Two visits (of one week duration) of Application Specialist are mandatory for Consultants/Cardiologists and Technicians training, one visit will be immediately after complete availability of application specialist as and when desired by the department. 15.3 Local availability of application specialist as and when desired by the department for training of Angio technician for all Technical and clinical applications till the satisfactions.	15. INSTALLATION AND COMMISSIONING 15.1 The contracting firm will install complete system including all accessories within six months starting 15.2 The contracting firm will be recognized.	15.3 Vendor will be responsible for required DB, earthling, main switchboards and complete electric	commissioning period. 15.5 Relevant fixtures, fitting, furniture for machine room, patient changing room, waiting area, doctor. WARRANTY of Commission and machine room, patient changing room, waiting area, doctor.	16. Warranty period shall be of FIVE years starting from date of full functional commissioning with all specified parameters, covering services and all parts including X-ray tube (unlimited exposures in five Generator, Injector, Printers etc. Warranty should come from the more generatine and coessories like UPS.	16.2 A certificate shall be produced by the manufacturer guaranteer warranty. name of a Certified and Factory trained engineer in Karachi for atleast TEN YEARS to be immediately available on site, should any need arise. Of the vendor, failing which.	condition. 16.4 An annual optimal uptime of 95% is considered as acceptable level of performance. Uptime shall be responsibility as indicated in terms and defined as time available to user for doing data acquisition and processing during working hours of If Downtime is more than 50% (2007).	and if it is more than 10% then the warranty period will be extended on to the guarantee period the contract. 16.6 Manufacturer / supplier will guarantee the availability of spare parts and accessories for the system

Manufacturer / supplier shall check system performance during and after every two months. Planned Preventive repair and maintenance time will not be considered as downtime. Wendor will mention the rate of service charges with and without parts for the complete system, after include price of X-ray table 4.4.	-1	16.11 Up-gradation of computing system / FMIS should be carried out as available during warranty period agreement cost. 16.12 Up-gradation of computing system / FMIS should be carried out as available during warranty period as desired by end user for console and workstation and after warranty within the maintenance agreement cost.	17. OPTIONAL ITEMS: 17.1 System Up gradation to higher version should be indicated if provided by manufacturer 17.2 Any additional option available with each manufacturer must be offered as optional.	T	 18.4 The vendor will get the contract authenticated by the concerned diplomatic representative in Pakistan. 19. Solvency & Liquidated Damages 19.1 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. 	The comprehensive and annual maintenance contracts 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 available to the Purchaser under the tender, the Purchaser shall, without prejudice to other right and remedies 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.

Price i	Price i	Make ,	
figure for complete 1	words for complete	Make & Model	
Price in figure for complete package on FOR basis (For financial bid)	Price in words for complete package on FOR basis (For financial bid)		
(For financial bid)	(For financial bid)		

OR Equivalent

(USA/EEC/Japan)

Warranty

end user. The tenderers must quote for 5 years onsite warranty from the date of completion of the satisfactory installation as certified by the

The Warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected

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

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

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.

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

Service

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

Maintenance

contract with the purchaser for five years after the lapse of mandatory warranty period. Without this tender will be considered As the cost of the equipment is more than Pak Rs. Five Lakhs, the supplier has to include in the bid a comprehensive maintenance incomplete and summarily rejected.

raised by the user department. The supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might be

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

Downtime penalty Clause



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 excess down time period i.e. more that 10% payable by the vendor which will doubled on subsequent weeks along with extension of warranty period to further five years by the During the Guarantee/warranty period, desired uptime of 95% of 365 days (24 hrs) if downtime more than 5% the institute shall

equipment for at least TEN YEARS after commissioning of the unit in the department The vendor must submit an undertaking from the original manufacturer guaranteeing supply of all spares for optimal upkeep of the

Solvency & Liquidated Damages

quoted price. Once maximum 10% of value of delayed supply is reached, Purchaser may consider termination of the tender the quoted price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of the tender, the Purchaser shall, without prejudice to other right and remedies available to the Purchaser under the tender, deduct from 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 merchandise, the manufacturer will be responsible to honour the CMC and AMC directly or through a third party Pakistan that incase of Liquidation of vendor or change of dealership in TEN YEARS from date of commissioning of the Vendor will submit a certificate from the original manufacturer, duly endorsed and authenticated by the embassy/consulate in

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

a period exceeding 60 days, Liaquat University Hospital Hyderabad, party may, at least option to terminate the contract 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

insolvency etc.:

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 Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up 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

Breach of Terms and Conditions:

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

Subletting of Work:

permission in writing of Laiquat University Hospital Hyderabad, which will be at liberty to refuse if thinks fit. 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

The tender is not transferable.

One tenderer shall submit only one tender

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

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

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

Vendors have to provide certificate from original manufacturer that the equipment is fresh, and a brand new piece Provision of Operating and Service Manual in ENGLISH language is mandatory without which the product will not be accepted

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

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

DELIVERY PERIOD:VALIDITY.....

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
- 1.3 The tenders must be free from erasing cutting and over writing. In case of erasing, cutting and over writing, authorized person
- 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 /
- 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 the offer. case the item is exempted from GST either documentary evident or certificate from competent authority shall be attached with
- The bidder shall furnish copy of valid professional Tax (Excise & Taxation)Certificate
- Government Department. The bidder shall furnish an affidavit on non-judicial stamp paper of Rs.100/- that the firms is not black listed in any

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 along Tenders are required to specify make, country of origin and furnish detailed technical Description literature / catalogue

with their offer

- The Bidders shall quote their firm and final price both in figures & words on "Free Delivery basis to Consignee end
- Also choice to select/ignore any their alternate offers shall rest with the purchaser.
- quoting it self in any tender. Failing that offers of both the manufacturer, which the manufacturer as well as other bidder No manufacturer shall authorize their distributor/agent/any firm or person to quote the same item which manufacturer is

shall

- 2.6 submit alternate offer for any items. All the bids with alternate offers without separate purchases receipt (Original) are Tenders shall purchase separate tender documents and furnish purchases receipts for each alternate offer in case they want to
- Govt./Semi The bidder shall confirm the refund of cost difference if the same goods is/was supplied at lower rates to any other suppose to be rejected
- 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
- 2.9 The envelope shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible financial proposal and the technical proposal
- letters to avoid confusion 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

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opened.

Purchaser's Right Vary Quantities at time of award.

any change in unit price or other terms and conditions of goods at any time during the contract period The purchaser reserves the right reserves the right to enhance the quantity by 25% of goods and services originally specified in the Schedule of Requirements without 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 The Purchaser reserves the right to increase/decrease or delete the quantities of goods etc at the time of award of contract and also

Notification of Award/Advance Contract:

- 4 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
- The notification of award will constitute the formation of the contract.
- the advance contract the purchase will promptly notify each unsuccessful bidder and will discharge its bid security on Upon the successful bidder furnishing of the performance security pursuant to Sr.No.1.1 of the instructions and Sr.No.3 of receipt of bidder's request

Ś 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:

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

7 Criteria for evaluation of bids.

- Quoted prices
- Specification compliance/preferred functions
- After sale service facility (In case of equipment)
- Operational cost (In case of equipment & Vehicle)
- Delivery schedule
- Authority letter from manufacturer
- Earnest money

∞ Fee for Award of Contract:

Service charges @ 0.25% 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 (If applicable)

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1 . 1	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 cancelled at any stage on our cost and risk. I/we undertake that, if any of the information submitted in accordance to this tender enquiry found incorrect our contract may be

CERTIFICATE

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

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



(Rs. 2000/= Non Refundable)

LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD / JAMSHORO

SUPPLY OF MACHINERY ÆQUIPMENT FOR THE YEAR 2015-16 UNDER ADP SCHEME NO.370

TENDER INQUIRY NO. 16/2015-16

DUE ON 17. 02.2016

Time of Receipt of Tender Form 15.01.2016 to 16.01.2016 upto 2.00 PM Time of Submission of Tender Form 17.02.2016 at 11.30 A.M Time of opening of Tender Form 17.02.2016 at 12.00 NOON

Guarantee / Warranty, Service, Maintenance:

The tenderers must quote for 5 years onsite warranty from the date of completion of the satisfactory installation as certified

The Warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected.

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

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 Rate Contracting Authority reserves the right to award CMC. The price comparison shall be made taking into account on basic price and post warranty CMC.

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

pervice

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

Maintenance

will be considered incomplete and summarily rejected. maintenance contract with the purchaser for five years after the lapse of mandatory warranty period. Without this tender As the cost of the equipment is more than Pak Rs. Five Lakhs, the supplier has to include in the bid a comprehensive

be raised by the user department. The supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might

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

Downtime penalty Clause

further five years by the excess down time period i.e. more that 10%. days will be payable by the vendor which will doubled on subsequent weeks along with extension of warranty period to 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 · During the Guarantee/warranty period, desired uptime of 95% of 365 days (24 hrs) if downtime more than 5% the institute

of the equipment for at least TEN YEARS after commissioning of the unit in the department The vendor must submit an undertaking from the original manufacturer guaranteeing supply of all spares for optimal upkeep

Solvency & Liquidated Damages

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

delayed supply of the quoted price. Once maximum 10% of value of delayed supply is reached, Purchaser may consider deduct from the quoted price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on 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 termination of the tender tender, the Purchaser shall, without prejudice to other right and remedies available to the Purchaser under the tender,

FORCE MAJEURE:

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 sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation

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have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries

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.:

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. the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under

Breach of Terms and Conditions:

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

Subletting of Work:

The tender is not transferable. permission in writing of Laiquat University Hospital Hyderabad, which will be at liberty to refuse if thinks fit. 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

One tenderer shall submit only one tender.

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

of the equipment with no financial assistance from. The demonstration of the equipment forms an essential part of the tender. The bidder has to arrange for the demonstration Tenderer must provide certificates from the end users of these institutions of satisfactory provision of after sale service

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

against the vendor should it at any stage discover that, used or refurbished product was supplied Hospital reserves the right to forfeit the equipment, demand a brand new replacement and initiate criminal proceedings Vendors have to provide certificate from original manufacturer that the equipment is fresh, and a brand new piece

LED O1 Light Ceiling mounted triple arms,
Triple arm LED O1 Light for Cardiothoracic Surgery. Cenral arm with LED light, 2000,000 Lux and central camera, Second arm with LED Lights, Third arm to hold LED 28"slave monitor Touch screen control panel, Synchronized with sub-handle intensity:160,000 LUX, each
dome. CIS Technology 3 steps of color Temperature (3,800K/4,300K/4,800K) Depth of Volume of light (L1+L2+L3 225cm)
Red color rendering ability Selectable Focal Size from 20cm~30cmdia. Number of LEDs: 95or more (each done)
Number of LEDs. Soot findle (each done) 4 x Sensors for maximizing dilution effect Dimming Range : 25% ~100% or better Endo Mode at 8,000Lux
Detachable & Autoclave able Hand Grip for both light arms in duplicate. Main dome to have integrated High Resolution internal Camera with the 2,000,000 pixels with zoom, auto focus, auto white balance.
Networking so that the camera image be projected to a distant area through a multimedia projector of high resolution(to be Included in the quoted price) Video Recording on DVD Recorder with inbuilt hard disc (to be Included in the quoted
Five years full warranty with parts starting from the day of installation. Training on site of the OT staff as frequently as needed. User Manual, Service manual be provided. Country origin: UK/USA/EC.
Vendor will provide written under-taking on behalf of the manufacturer for availability of LED bulbs for ten years from the date of installation. Transportation and installation will be supplier's responsibility. User Manual and Electrical Drawings
 Oser finding in English. Service manual in English. List of important spare part and accessories with their part number and catalogue available in stock with the supplier. R Equivalent
(USA/EEC/Japan)

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OP TENDER 2015-16

Battery back-up should be one hour without an externally powered UPS /

built battery power with the same degree of functionality.

System must possess Pulse Inversion Harmonics Imaging The system shall support a gray scale range of 256 shades corruption due to virus infection. based on an operating system which is not prone to failure, hang ups, data System Architecture Reliability should be ascertained by architecture Japan, Europe, USA. System should have a very high imaging capability to transmit the System must possess Tissue harmonics on all transducers offered The system should be accompanied by a UPS and power stabilizer from smart phones, laptops, tablets, etc. remove the side lobe artifacts and precisely bring out the real tissue echo ultrasound beam in a way to pin point precision in order to drastically frequency of at least 1 to 15 MHz. at the end of exam is required studies, and Color Printer preferably from same manufacturer/same have multi-touch gesture driven interface like, Swipe, Pan (Drag), Tap, To enable the highest level of ease-of-use, the system control panel should **USER INTERFACE** Highly optimized image with change in just the depth The system should have dynamic range of at least 180db The system shall have broadband architecture with an operating over 50,000 images, clips or combination of the same Data storage media should be static and above 60 GB, enough to store Thumb nail review of stored images and clip and option to auto clip export country will be provided Integrated DVD recorder and with 50G hard disc to record, save, and write **IMAGE STORAGE & ARCHIVAL** for each examination personalization of commonly used soft menu keys and user defined presets To further simplify the user interface, system control panel should facilitate Pinch and Expand, etc. resembling the use of today's daily gadgets like The system shall have archive capability for storage and retrieval of images The system shall provide the capability to storing clips via time or heartbeats gating

The system shall provide the capability to store olin data prospectively or	
retrospectively.	
·The system shall provide the ability to preview clips prior to committing	
them to storage.	
The system's storage capacity shall accommodate up to 64GB on a very	
highly reliable static memory drive.	
The system shall be DICOM 3.0 compliant. DICOM Image Management: Print, store, Modality Work list, Performance	
procedure Step (PPS), storage commitment	
The system shall be capable of transferring images by batch or as exam is	
in progress to a DICOM archive.	
The system has easy to use configuration menus for all networking features.	
The system allows for saving the DICOM configuration via USB so they are	
easy to replicate or restore.	
The system shall provide a comprehensive set of tools that the customer	
can use for HIPAA Compliance. 6. PERIPHERALS	
· The system shall support ECG.	
The system shall have minimum inbuilt 4 USB ports (Digital Video Output	
MEASUREMENT ANALYSIS and LARFING:	
The system shall support up to 8 generic distance calipers.	
The system shall provide the user with up to 4 generic trace tools.	
The system shall provide the user with up to 4 generic ellipse tools.	
The system shall provide a generic pressure half time tool.	
The system shall have Dobutamine Stress tool.	
Predefined set of Labels (Annotation) to be built in	
Diameter/ellipse measurements, volume flow, percent diameter and area	
reduction, peak velocity, end diastolic velocity, resistive index, pulsatility	
index, S/D Ratio, acceleration time, time average mean velocity, time	
average peak velocity	
Carotid Calculation Package: CCA, ICA, A, ICA/CCA ratio, vertebral	
SMALL PARTS: Volume, Hip, Angle, d: D Ratio 9. B-Mode / M-Mode Imaging:	
The system shall provide the user with controls for single touch optimizing	
resolution in B-Mode.	
The system shall display at a maximum depth of 35 cm, and a minimum of	

The system shall provide Pulsed Wave (PW) Doppler mode. The system shall provide Tissue Doppler Pulsed Wave Doppler (TDI PW) Mode. The system shall provide Continuous Wave (CW) Doppler Mode. The system shall support quantitative assessment of blood flow with Duplex imaging. The system shall provide the user with control during timeline replay to review the spectrum. The system shall provide the user with a scale control that varies the scale range. The system shall provide the user with at least three user selectable wall filter options.	
The system shall provide the user with at least three user selectable wall filter options. TRANSDUCERS The transducers shall operate at frequencies from a minimum of at least 1.0	
MHz to a maximum of at least 15.0 MHz. 1.0-5.0MHz, Broadband Phased array adult cardiology transducer with Scanning Depth up to 35cm.	
PROBES 2D TRANS-THORACIC ADULT, PEDIATRIC and NEONATAL ECHO CARDIOGRAPHY, ADULT AND PEDIATRIC TRANSOESOPHAGEAL PROBES TRAINING AND EDUCATION	
Ability to scan and practice while simultaneously viewing tutorials ii) Should possess basics of knobology and ICU, EMED procedure training visual guides as a Self Teaching Tool.	
ENVIONMENTAL FACTORS The unit shall be capable of operating continuously inambient temperature of 30° C and relative humidity of 80% Power input to be 220-240VAC,50Hz fitted with Pakistani plug	
Resettable overcurrent breaker shall be fitted for protection	
Suitable Servo controlled stablizer/CVT Online ÚPS of suitable rating with voltage regulation and spike protection	

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Multipurpose Electro Hydraulic operation table with table top slide function with high quality covering cushion. System operable with hand control switch for all electrical function and foot pump for hydraulic function. In case of complete failure of electrical power, table should capable to work on manual system. Patient weight bearing capacity should be 100kg of more. Longitudinal slide of 12" of more. Built in x-ray casettes channel. Radio translucent table. Self-diagnosis system with instant error code display. Hand switch should have special function of patient positioning, up and down, left and right tilt, up and down back, up and down leg, Sliding function. Essential function such as lock/unlock, level, flex/reflex should be incorporated. Normal orientation slide to head end 52" or more.	for 30 minutes back up. Complete Operating and Service Manual will be provided. 5 years warranty with parts. Maintenance service every 6 months till Five years. End User Inspection at source before shipment 6 weeks training of a physician locally on the same machine. Should be FDA of CE approved product from USA,EC or Japan. User Manual and Electrical Drawings 1. User manual in English. 2. Service manual in English. 3. List of important spare part and accessories with their part number and costing available in stock with the supplier. System should have DSE Software OR Equivalent (USA/EEC/Japan) Electro Hydraulic Surgical Table
	I No

Reserve orientation slide to leg end 25" or more.

leg:+30°/-90° or better Back: +80°/-50° or better Head:± 90° or better Range of table movement Reflex 100° Reverse flex:25 Height from floor to 46"or better Trendelungburg: +/-30° or better Lateral tilt : +/-20° or better Flex: 25 Reverse reflex: 100° Electrical safety conforms to standards for electrical safety IEC-60601/IS-Restraint Strap for adult One piece. Arm rest with strap Two pieces. Anesthesia Screen with brackets Accessories to be supplied performance of similar product in a leading teaching/Private Hospital of Manufacturer /Supplier should provide a certificate of satisfactory Manufacturer /Supplier should arrange pre-shipment inspection by the end Sindh. 134503 2. Service manual in English.
3. List of important spare part and accessories with their part number in User Manual and Electrical Drawings from the date of installation with parts and Labour. Manufacturer /Supplier should have ISO Certification for quality standards. user, of the product at source without added cost. catalogue available in stock with the supplier. OR Equivalent (USA/EEC/Japan) 1. User manual in English. Five year warranty

ADP TENDER 2015-16

0,	ADULT TO NEW BORN VENTILATOR WITH BIPAP MODE (without in-built Compressor)	1 No	
	 Should have facility for Invasive and Non-Invasive ventilation. Microprocessor Control suitable for Pediatric and adult ventilation. Electromagnetic Compatible Hinged arm holder for holding the circuit. Should have built in touch color screen TFT display of minimum 10" or more for display of waveforms and Monitored value. 		
	of waveforms and Monitored value. 5. Should have inbuilt facility to upgrade with EtcO2. 6. Facility to Measure and display: - a) Status indicator for ventilator mode. b) Battery indication. c) Pressure Vs time Vs volume Vs time, flow Vs time 3 curves/ waveforms. d)		
	Alarm setting. 7. Automatic compliance and leakage compensation for circuit and ET Tube. 8. Should have facility of log book, for events and alarms with date & time.		
	 Should have following settings. Tidal volume (Minimum at least 50ml, Maximum up to 2000ml) 		
	b) Inspiratory Pressure (upto 80 cm of H20) c) Respiratory rate 1 to 80 bpm.		
	d) Apnoea back up rate. e) CPAP/PEEP		
	f) Pressure support.		
	h) Pause Time		
	10. Monitoring & Display of the following Parameters.		
	a) Airway Pressure (Peak & Mean).		
	c) Minute volume (Inspired & Expired		
	d) Respiratory mechanics. e) Spontaneous Minute Volume.		
	f) Total Frequency. g) F102 dynamic.		
	i) Plateau Pressure.		
	j) Resistance & Compliance. k) Use selector Alarms for all measured & monitored parameters.		
	1) Occlusion Pressure.		
	11. Modes of Ventilation equipped with newer modes of ventilation		
	a) Assist /control.		

(USA/EEC/Japan)	OR Equivalent	User Manual and Electrical Drawings 1. User manual in English. 2. Service manual in English. 3. List of important spare part and accessories with thier part number and constng available in stock with the supplier.	b) Volume Control. c) Pressure control. d) Pressure support. e) SIMV with pressure support (Pressure and volume control). f) Apnea Ventilation. h) Non invasive ventilator- BIPAP, CPAP. h) Non invasive ventilator- BIPAP, CPAP. h) Non invasive ventilator, User selectable, volume & pressure control. 12. Should have built in safety alarms for Airway Pressure High & low, Minute volume, High & low, power failure, Low oxygen, High Respiratory Rate, Air Source in-operable. 13. Should have inbuilt exhalation filter. 14. Should have compatibility with existing central pipe line. 15. Humidifier a) Servo controlled heated Respiratory Humidifier. b) Temperature of delivered Gas on LED display. c) Temperature should be adjustable. d) Jar should be autoclavable 17. Quality Certification: Valid CE/BIS/US FDA 18. Demonstration of the quoted model is must at source 19. Nebulization assembly compatible with ventilator and circuit 20. Should have interface facility. 21. Flow sensor-Should have life more than 1 year. 22. Expiratory Unit- Life should be more than 3yrs. 23. Data storage facility for at least 24hrs. 24. Internal rechargeable battery at least 30min. backup. 25. Should have flow sensors having long life and the company shall specify the life cycle and the cost of the flow sensors at the time of quoting the tender. 27. CMC/ AMC for the at least 5yrs and Cost of consumables spares

ADP TENDER 2015-16

R. Y.

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(USA/EEC/Japan)	Five Year free Maintenance with parts and Labour With service every 6 months mandatory. OR Equivalent	Cabin Size: 1500 x 2500 mm. or as per available shaft. shaft size: As per site. Power supply: AC 3 phase 380V, 50 Hz. Lighting supply: AC1 phase 220V, 50 Hz. Machine room: Directly Above the hoistway. CAR DESIGN.	Floors & Stops : 4 Floors & 4Stops. Door opening type : 2 panel Side opening. Door opening size : 1200 x 2500 mm. or as per maximum available	ency).	tion	Hospital Bed : 1000 kgs.	HNICAL SPECIFICATION.	Start Generator at Cardio thoracic Surgery Building LUH, Hyderabad / Jamshoro. With commissioning and cabling (Turn Key basis)
	(USA/EEC/Japan)	14				14		

(USA/EEC/Japan)	6 MONTHLY MANDATORY SERVICE AND MAINTAINANCE WITH PARTS FOR FIVE YEARS OR Equivalent	BUILDING LUH, HYDERABAD.
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Z.B: -

- Sole agent Certificate / Authority letter from the manufacturer must be provided by the bidder.
- The supplier will be bound to train nominated technical personnel to operate and for repair and maintenance of supplied equipment
- w 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
- Presence of manufacture's engineer and application specialist during commissioning phase

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- 1.10 The bidder shall furnish copy of valid professional Tax (Excise & Taxation)Certificate
- SPECIAL CONDITIONS: The bidder shall furnish an affidavit on non-judicial stamp paper of Rs. 100/- that the firms is not black listed in any Government Department.
- Store is required immediately. The tenders may, however, give their short guaranteed delivery period by which the supply—will be completed positively

- Tenders are required to specify make, country of origin and furnish detailed technical Description literature / catalogue along with their offer.
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- tender. Failing that offers of both the manufacturer, which the manufacturer as well as other bidder shall be ignored No manufacturer shall authorize their distributor/agent/any firm or person to quote the same item which manufacturer is quoting it self in any
- offer for any items. All the bids with alternate offers without separate purchases receipt (Original) are suppose to be rejected Tenders shall purchase separate tender documents and furnish purchases receipts for each alternate offer in case they want to submit alternate
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- the technical proposal The Bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and
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Purchaser's Right Vary Quantities at time of award.

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- The notification of award will constitute the formation of the contract.
- contract the purchase will promptly notify each unsuccessful bidder and will discharge its bid security on receipt of bidder's request 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

5 Award of Contract & Contract Agreement

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

6. Performance Security:

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

Criteria for evaluation of bids.

.1

- a. Quoted prices.
- Specification compliance/preferred functions
- After sale service facility (In case of equipment)
- Operational cost (In case of equipment & Vehicle)

- Delivery schedule
- Authority letter from manufacturer
- e. Earnest money.

8 Fee for Award of Contract:

Service charges @ 0.25% of the value of the Contract will be realized/charged by the A.G. Sindh, while making payment to the contractors

- 9. Undertaking:
 9.1 That I/we agree
- 9.2 accept the said item at the rates for the supply of contracted quantity with in the stipulated period shown in the contract. 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
- 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 CERTIFICATE I/we undertake that, if any of the information submitted in accordance to this tender enquiry found incorrect our contract may be cancelled at

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