

LIAQUAT UNIVERSITY HOSPITAL HYDERABAD/JAMSHORO

BID EVALUATION REPORT

PURCHASE OF MACHINERY / EQUIPMENT UNDER SNE (NEW) 2017-18FOR PAEDS DEPARTMENT

TENDER INQUIRY NO.28/2017-18

DUE ON 06.01.2018 11:30AM



SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY GOVERNMENT OF SINDH

HOME SPPRA PUBLIC PROCUREMENT NEWS SEND OUTRY SPP ACT 2009 SPP RULES NOTIFICATIONS TRAININGS POLICY LETTERS

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Serial	SPPRA ID * *	Department 🛦	Advertisemen t Date 🛦 🔻	Closing Date A V	Upload Date A V	City 🛦 🔻	Tende r Notice	BER Date * *	BERs	CER Date = V	
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Ph: 022-9210207

SAY NOT TO CORRUPTION

Fax: 022-9210208

TENDER NOTICE

According to SPPRA Rules 2010 (Amendment-2013) sealed tenders on prescribed proforma are hereby invited from well reputed firms, interested Agent / Sole Agent / Foreign Companies Distributors in Pakistan for the purchase of Machinery / Equipment for Pediatric Unit-1 & II Liaquat University Hospital, Hyderabad / Jamshoro for the financial year 2017-18. The last date for submission of tender documents is 06th January, 2018 up to 12:00 Noon and will be opened on same day at 12:30 P.M. in the presence of participants.

Tender Enquiry	28/2017-18
Е	Purchase of Machinery / Equipment for Paeds Department.
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	20-12-2017 to 05-01-2018 @ LUH, Hyderabad.
Submission of Tender	06-01-2018 at 12:00 Noon @ LUH, Hyderabad.
Opening of Tender	06-01-2018 at 12:30 P.M @ LUH, Hyderabad.

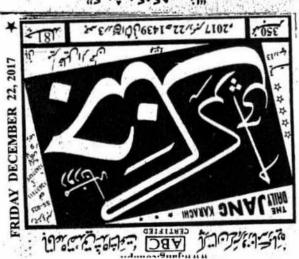
 Complete set of tender documents containing Schedule of Requirements, Technical Specification with Terms & Conditions can be purchased with a non-refundable fee in Rs. 2,000/- Cash from the office of undersigned Liaquat University Hospital (LUH), Hyderabad.

- 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 to SPPRA Rules. The Procuring agency may reject all or any bid subject to the relevant provision of SPPRA Rules.
- 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.
- 8. 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 Superintendent Liaquat University Hospital Hyderabad / Jamshoro whereas an amount of the contract 5% performance security is to be obtained from contractor as per SPPRA Rules.
- 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 tavourable 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.

Medical Superintendent Liaquat University Hospital Hyderabad

INF-KRY No. 5273

ہم دہشتگر دی کے خلاف متحد ہیں



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022-9210208: U 022-9210207:U\$

ليلقت يونيور سئى اسپتال

INF-KRY:No.5273/17

عىمشملج/مابالميم

Ph: 022-9210207, Fax: 022-9210208 SAY NO TO CORRUPTION

1. لياقت يونيورستى اسپتال حيدر آباد/جامشورو لاء مالى سال 18-2017 واسطى پيدياترك يونت-ا ۽ اللاء مشيري ايڪيريمينٽ جي خريداري لاء پاڪستان ۾ سٺي ساک رکندڙ فرمن, دلچسپي ركندڙ ايجنٽن سول ايجنٽن پرڏيهي ڪمپنيز ڊسٽريبيوٽرز کان ايس يس يس ار اي رولز 2010 اترميم ليل 2013)مطابق هن ذريعي مقرر پروفارما تي مهريند ليندر گهرائجن ٿا. ليندر ڪاغةن جي امالن لاء آخري تاريخ 06 جنوري. 2018 منجهند 12:00 وڳي نائين آهي ۽ اهم ساڳئي ڏينهن سحهند 12:30 وڳي شرڪت ڪندڙن جي موجودگي ۾ کوليا ويندا.

	The second secon
ندر انظرانري لمعر	23/2017-18
	پيدس دپار نمينت لا، مشيئري/ايڪيوپمينٽ جي حريداري.
ذجر طرينيذار	سنگل استیج تو اینویلپ
ڪ ٻو عرب ڪ سيڪيو زلي	ڪل واڪ وقعر جو %2.5
ڪ جو ڪار ^ا گر هئن	90 دَينهن
بندر في	2000 رپيا هرهد (ناقابل واپسي)
پيدر ڪ غذن جر اجر ا	2017-21-20 كان 2018-01-05 نائين HUH. حيدرآباد م
۔ يندرن جو امانن	03-2018 منجهند 12:00 و كِي تائين اال حيد باد م
يندرن جو کولن يندرن جو کولن	2018-01-06 مىجهىد 12:30 وكي LUH. حيدر أباد بر

گهرجن جي غيڊيول، شرطن ۽ ضابطن حميت ليڪنيڪل اسپيسينديشن تي من تيندر ك غذن جر مكمل سين هيك صحيح كندر لياقت يونيورسني سبتال (LUH) . حيدر آباد جي آنيس مان 2000 رپين جي ناقابل واپسي في ڏيڻ ني خريد ڪري سكنجي لو.

ميديكُل سيرتليندنت, LUH, حيدر أباد/جامشورو SPPRA رولز مطابق شيديونس جي ڪنهن ۾ ائٽمر جي مقدار ۾ جڏهن ۾ جيئن ۾ مناسب سمجهيو. افغانس يا گهٽنائي ڪرڻ جو حق محفوظ رکي ٿو. پروڪيورنگ ايجنسي SPPRA رولنز جي واسطيدار فقرن جي شرط سان سمورا يا ڪي به واڪرد ڪري سکبي ٿي.

ئينڊر ڪ عل SPPRA ويب سائٽ تان ڊائون لوڊ ڪري سگهجن ٿا.

واڪ ۾ سمورا سرڪاري ٿيڪس شامل هوندا (جيڪڏهن لاڳو ڪرڻ جوڳا هرنڌ).

بلن جي ڪٽرتي سرڪاري قاعدن پٽاندڙ ڪئي ويندي.

واك ڏيندڙ ٻاران حاتايل ائٽمن جي جملي واڪ قيمت جو %2.5 واڪ سيڪيور ٽي تي رور دماند درالت جي صررت ۾ بحق ميڊيڪل سپرنٽيندنٽ. لياڻت برنيورسٽي اسپتال. حيدر آباد حامشورو پيش ڪئي ويندي, جڏهن تـ SPPRA روٽر مطابق ليكيدار كان ليكي جي رقع 5 سيكڙو پرفارمنس سيكيور لي رربي ويندي.

المنتبر نوائيس ۽ اليندر ڪاعلن جي وج ۾ مونجهارن جي صورت ۾ الينبر ڪاغذ سيلت

10. عام موڪن جي اعلان يا ڪنهن تائيدي حالت جي صورت ۾ و ڪورندڙ ڪم واري دَينهن تي دَنل پروكرامر مطابق اماڻيا ۽ كوليا ويندا.

بيحاكاچ عيلين معبرن تان يا أفيس وقت دوران روبرو LUH, حيدر أباد مان كري

سکنچی سی

ميديكل سيرنتيندنت لياقت يونيورستي هاسپيتل

INF/KRY.No.5273/2017

SAY NO TO CORRUPTION اسان دهشتگردي جي خلاف متحد آهيون



ر من جند لا على • جهوريد، نكر 8 9 3 8 من اس اجراس كيد

© Kawish Newspaper (24 Dec. 20



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

 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

18.

Crea Por.



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

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

NOTIFICATION

No.HD(P&E)3-2(427)/2014. In supersession to this department's notification of even number dated 9-03-2017 and in pursuance of Rule 31 of the Sindh Public Procurement Rules, 2010, a Departmental Complaint Redressal Committee, comprising of following officers is hereby reconstituted as under to resolve complaints of aggrieved bidders:

1. Special Secretary, Health Department.

Chairman

Representative from Accountant General Sindh,

Member

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

Deputy Secretary (PM&I)

Member

5. Deputy Secretary (General)

Member/Secretary

ToRs.

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

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

. The District Health Officers (All)

Medical Superintendents (All) Liaquel-Univezili Wyder, hed All the Member of the Committee.

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

Office order file.

CER (PM&I)

MEETING OF PROCREMENT COMMITTEE FOR OPENING OF BIDDING DOCUMENTS FOR PURCHASE OF MACHINERY / EQUIPMENT (PAEDIATRIC UNIT-I & II) FOR THE FINANCIAL YEAR 2017-18 AT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD/ JAMSHORO IN THE COMMITTEE ROOM LUH, HYDERABAD ON 06.01.2018.

S.NO	NAME & DESIGNATION		SIGNATURE
01	Dr. Naeem Zia Memon Addl: Medical Superintendent (General /Technical), LUH, Hyderabad.	Chairman	Com
02	Dr. Yasmeen Memon Chairperson Paediatric Department LUMHS, Jamshoro	Member	Magar
03	Dr. Anjum Rehman Deputy Medical Superintendent. LUH, Hyderabad.	Member	M

Opening of Tender Documents for Purchase of Machinery / Equipment (Paediatric Unit-I & II)) for the Financial year 2017-18 at Liaguat University Hospital, Hyderabad/Jamshoro

ATTENDANCE SLIP

S.No.	Name of Firm	Phone Number	Postal Address	Name of Participant	C.N.I.C No: of participants	Signature
01	Nedeguijos Some.	0333-3842975	D-49, Block 6 Die CHS Wil	Mulacered Rizoan.		(m) 210
02			2nd flow Buildry 2c 12 commercial	Khuman Shalya	ć.	16/1/18 12 mg
03	Modical Equipmed & System	03128235502	Tipy Sulfay	Muntazin		(N)ez
04	Elate C.C Pul	03321-9235662	BL3 Rasachi	Asslam Baia		SHIP A
05	Universal Enlerprises	0331-2663310	PECH coperative	Obedull of Staill		(hard)
26	Dasis Medical Sys	0300-2772299	R Guisher-c'	all Rashif Ali		Som feeting

(Dr. Naeem Zia Memon)

Addl: Medical Superintendent (Technical)

LUH, Hyderabad

Chairman Procurment Committee

(Dr. Anjun Rehman)

Deputy Medical Superintendent

LUH, Hyderabad

Member Procurment Committee

(Dr. Yasmeen Memon)

Chairperson, Paediatric Department LUMHS, Jamshoro

LUMINS, Jamishoro

Member Procurment Committee

Dated:- 06.01 2018

Opening of Tender Documents for Purchase of Machinery / Equipment (Paediatric Unit-I & II)) for the Financial year 2017-18 at Liaquat University Hospital, Hyderabad/Jamshoro

ATTENDANCE SLIP

S.No.	Name of Firm	Phone Number	Postal Address	Name of Participant	C.N.I.C No: of participants	Signature
01	Endo-Kare.	0321-8925179	56B-Bl.2.P.E.C.HS	Roished Ahmed	42201-4882898-7	A
02	Endo - Kare. Allmed Solutions	0333275311	AZI/3 KPASCH- geme 1 (Et)OPP Nutional state	Abuf_Alu-Aig Khi	41303-6967644-5	A:
03	Bies	0333-3831988		Khuran		UL
04	-					
05						

(Dr. Naeem Zia Memon)

Addl: Medical Superintendent (Technical)

LUH, Hyderabad

Chairman Procurment Committee

Deputy Medical Superintendent

LUH, Hyderabad

Member Procurment Committee

(Dr. Yasmeen Memon)

Chairperson, Paediatric Department

LUMHS, Jamshoro

Member Procurment Committee

MINUTES OF BID OPENING MEETING

NIT No.	5273/2017
SPPRA Number	S.No:35749
Method of Procurement	Single Stage Two Envelope

Name of Work:

Purchase of Machinery / Equipment under SNE (New) 2017-18

for PAEDS Department

Meeting of the Procurement Committee (PC) was held on Saturday. 06 January 2018 for opening of above mentioned NIT. Meeting was attended by members of the Procurement Committee and the representatives of bidders (attendance sheets are enclosed).

The following companies participated in the bidding process with their respective bids by submission deadline of 11:30 AM on Saturday 06.01.2018.

- 1) M/s 1.S Enterprises
- 2) M/s Elate C.C
- 3) M/s Allmed Solutions
- 4) M/s Medequips SMC
- 5) M/s Medical Equipment Supply
- 6) M/s BIOS
- 7) M/s Universal Enterprises
- 8) M/s Oasis Medical Systems
- 9) M/s Endo-Kare

10) M/s Khalid Corporation

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaguat University Hospital

Hyderabad

(Member)

Dr. Yasmin Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent Liaquat University Hospital

PROCUREMENT COMMITTEE ATTENDANCE SHEET

Tender No.

28/2017-18

Name of Work:

Purchase of Machinery / Equipment under SNE (New) 2017-18

for PAEDS Department

The following members of the Procurement Committee (PC) were present on Saturday, 06 January 2018 for opening of above mentioned NIT.

1.	Dr. Naeem Zia Memon	Addl: Medical Superintendent (Gen) Liaquat University Hospital Hyderabad	Chairman	Som
2.	Dr. Yasmin Memon	Chairperson of Paediatric Department LUMHS, Jamshoro	Member	Nover
3.	Dr. Anjum Rehman	Addl: Medical Superintendent (Tech) Liaquat University Hospital Hyderabad	Member	Au I

Tender No. 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for PAEDS Department Opened on 06.01.2018

BIDDERS ELIGIBILITY EVALUATION

		BIDDERS											
S. No.	Document / Requirement	M/s 1.S Enterprises	M/s Elate C.C	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Universal Enterprises	M/s Oasis Medical Systems	M/s Endo Kare	M/s Khalid Corporation		
(a)	Tender Purchase Receipt (original)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(b)	Bid Security [Copy in Technical Proposal with words & figures hidden. Original in Financial Proposal]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(c)	General & Special Conditions of Contract (duly filled, signed & stamped by Bidder)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(d)	Schedule of Requirements & Technical Specifications (duly filled, signed & stamped by Bidder)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(e)	Manufacturer's Authorization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(f)	Undertaking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(g)	Certificate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(h)	Bidder's registration & membership with a valid copy of:												
(i)	Income Tax & GST Registration Certificate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(11)	Professional Tax Certificate (Sindh)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(i)	Bidder's Financial Status:												
(i)	Company Profile	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(ii)	Bank Certificate / Bank Statement Showing turnover of business od Rs.20.00 Million or more per annum for last three years.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(iii)	Income Tax Return for last three years.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(j)	Bidder's After Sale Services in Sindh:												
(i)	Service Workshop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(ii)	Tools List	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(iii)	Qualified & Trained Personnel list	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
(k)	Original Equipment Manufacturer (OEM) or Brand quoted by the Bidder												

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		BIDDERS										
S. No.	Document / Requirement	M/s 1.S Enterprises	M/s Elate C.C	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Universal Enterprises	M/s Oasis Medical Systems	M/s Endo Kare	M/s Khalid Corporation	
(i)	Brochure or Catalogue (Original) [Note: Photocopies. Photographs or Word document not acceptable.]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
(ii)	References of the quoted model (local)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
(iii)	References of the quoted model (international)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
(iv)	ISO 9001 Certificate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
(v)	ISO 13485 Certificate (where applicable)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
(vi)	CE / FDA / JIS Certificate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmin Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

Tender No. 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for PAEDS Department Opened on 06.01.2018

BIDDERS ELIGIBILITY EVALUATION

	BIDDERS EVALUATION CRITERIA SCORE		M/s I.S Enterprises	M/s Elate C.C	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Universal Enterprises	M/s Oasis Medical Systems	M/s Endo Kare	M/s Khalid Corporation
S. No.	Parameter	Max Points	Points	Points	Points	Points	Points	Points	Points	Points	Points	Points
1	Conformity to the Technical Specifications	20										
	a) Fully compliant with the required specifications	20				20	20	20	20		20	
	b) Compliant with minor deviation ≤10% (subject to main function is not affected)	15	15	15	15					15		15
2	Warranty	20										
	a)Warranty (period more than required)	20									15	
	b)Warranty (period as required)	1.5	15	15	1.5	15	15	15	15	15		15
3	Bidder's Legal Status, Certification & Experience	15										
	a)NTN & GST Certificate	2	2	2	2	2	2	2	2	2	2	2
	b)Professional Tax Certificate	2	2	2	2	2	2	2	2	2	2	2
	c)SECP Incorporation Certificate	2	()	0	2	0	2	0	0	0	0	0
	d)ISO 9001 Certificate	1	()	Ţ	İ	()		1	Ť.	()	D	()
	e)Purchase Orders of last year worth ≥1 million rupees (2 point/each order copy)	8	8	8	8	8	8	8	8	8	8	8
4	Bidder's Financial Status	9										
	a)Bank Certificate	3	3	3	3	3	3	3	3	3	3	3
	b) Income Tax Return for annual business of ≥ 20 million rupees(last three years)	3	3	3	3	3	3	3	3	3	3	3
	c)Audited Financial Statement (last three years)	3	0	3	3	3	3	3	3	3	3	0
5	Bidder's After Sales Services in Sindh	6										
	a) Service Workshop	3	0	3	3	3	3	3	3	3	3	3
	b) Qualified & Trained Personnel (BE/BSc/DAE) with Bio-Data	3	3	3	3	3	3	3	3	3		3

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	BIDDERS EVALUATION CRITERIA SCORE		M/s LS Enterprises	M/s Elate C.C	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Universal Enterprises	M/s Oasis Medical Systems	M/s Endo Kare	M/s Khalid Corporation
S. No.	Parameter	Max Points	Points	Points	Points	Points	Points	Points	Points	Points	Points	Points
6	Original Equipment Manufacturer (OEM) or Brand Quoted	30										
	a) Manufacturer's Authorization	5	5	5	5	5	5	5	5	5	5	5
	b) Manufacturer's Website	2	2	2	2	2	2	2	2	2	2	2
	e) Brochure or Catalogue (original)	2	2	2	2	2	2	2	2	2	2	2
	d) ISO 9001 Certificate	2	2	2	2	2	2	2	2	2	2	2
	e) ISO 13485 Certificate	2	2	2	2	2	2	2	2	2	2	2
	f) CE	2	2	2	2	2	2	2	2	2	2	2
	g) FDA	4	0	0	0	0	0	0	0	0	0	0
	g)Other	2	2	.0	0	0	0	0	0	0	0	0
	i) References of OEM brand / model											
	(i) Govt./Semi-Govt. Teaching Hospital/Institute	3	3	3	3	3	3	3	3	-3	3	3
	(ii)Armed Forces / NGOs Hospital / Institute	2	0	2	2	2	2	2	2	0	2	0
	(iii)Private Renowned Teaching Hospital /Institute	2	0	0	0	2	0	0	0	0	2	0
	(iv)International Hospital / Institute	2	0	0	0	0	0	0	0	0	0	0
	Total Points	100	71	78	80	84	85	83	83	. 75	81	72
	Rei	narks	Eligible	Eligible	Eligible	Eligible	Eligible	Eligible	Eligible	Eligible	Eligible	Eligible

Note:

M/s. Elate Cc has not submitted bid security in shape of pay order. Demand Draft as per tender terms and conditions.

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmin Memon

Chairperson of Paediatric Department

LUMHS Jamshoro (Member) V Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

Tender No. 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for PAEDS Department Opened on 06.01.2018

BIDDERS

S. No.	Item Description	Qty	M/s LS Enterprises	M/s Elate C.C	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Universal Enterprises	M/s Oasis Medical Systems	M/s Endo Kare	M/s Khalid Corporation
01	Defibrillator with Neonatal/Paeds Paddles Biphasic	02	NQ	Yes	NQ	Yes	Yes	Yes	Yes	NQ	NQ	Yes
02	Infant Incubator	15	NQ	Yes	NQ	Yes	Yes	Yes	NQ	NQ	NQ	NQ
03	Infant Warmer	10	NQ	Yes	NQ	Yes	Yes	Yes	NQ	NQ	NQ	NQ
04	Multidirectional Led Phototherapy Light with continuous skin temperature monitoring	08	NQ	NQ	NQ	NQ	NQ	Yes	NQ	Yes	NQ	NQ
()5	Suction Machine (Heavy Duty)	08	NQ	NQ	NQ	NQ	NQ	Yes	Yes	Yes	NQ	NQ
06	Phototherapy Unit	16	NQ	Yes	NQ	Yes	Yes	Yes	NQ	Yes	NQ	NQ
07	Crash Trolley with Defibrillator	04	NQ	Yes	NQ	Yes	Yes	Yes	NQ	NQ	NQ	NQ
08	Nebulizer (Heavy Duty)	08	Yes	NQ	NQ	NQ	NQ	NQ	NQ	NQ	NQ	NQ
()9	ECG Machine (Three Channel)	04	Yes	NQ	NQ	NQ	NQ	Yes	Yes	NQ	NQ	Yes
10	X-Ray System 500MA	04	NQ	NQ	Yes	Yes	Yes	Yes	NQ	NQ	NQ	NQ
11	Digital Color Doppler	02	NQ	NQ	NQ	Yes	Yes	NQ	NQ	NQ	NQ	Yes
12	Multiparameter Monitor for Peads and Neonate	02	Yes	Yes	NQ	NQ	NQ	Yes	Yes	NQ	NQ	NQ
13	Light Source	01	NQ	NQ	Yes	NQ	NQ	NQ	NQ	NQ	Yes	NQ
14	LCD Monitor	01	NQ	NQ	Yes	NQ	NQ	NQ	NQ	NQ	Yes	NQ
15	Endoscopy Lens -30	01	NQ	NQ	Yes	NQ	NQ	NQ	NQ	NQ	NQ	NQ

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmin Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

Dr. AnjumRehman

Addl: Medical Superintendent Liaquat University Hospital

Tender No. 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for PAEDS Department Opened on 06.01.2018

BIDDERS TECHNICAL EVALUATION

S. No.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Universal Enterprises	M/s Khalid Corporation
01	DEFIBRILLATOR WITH NEONATAL / PAEDS PADDLES BIPHASIC	02	EVO-1 Primedic	Cardiolife TEC-5621K Nihon Kohden	Cardiostart US DEFIB	Reanibex Series800 Bexen Cardio	Cardiostart US DEFIB	Cardio-Aid 360B Innomed
	- Display 6.5" inch or more color LCD TFT		8.4"	6.5"	5.7"	8.4"	5.7"	7"
	- Defibrillator with color monitor and recorder mains 220V/50Hz I phase		Yes	Yes	Yes	Yes	Yes	Yes
	- Built in rechargeable battery for minimum 100 shocks at maximum energy		Yes	100 shocks	Yes	130 shocks	Yes	200 shocks
	- Energy delivered 2-270 joules or more		360J	Yes	Yes	Yes	Yes	360J
	Quiek ECG waveform recovery after defibrillation, the ECG waveform recovers within 3 seconds			Yes	Not mentioned	Yes	Not mentioned	Yes
	- Defibrillator should have discharge button on both main unit and the paddle		Not mentioned	Yes	Yes	Yes	Yes	Yes
	- Charging time should be less than 5 seconds for 270 joules.		8 sec	4 sec	8 sec	5 sec	8 sec	2.7 sec
	 Self-test should be available to ensure reliable use of the defibrillator, whenever the power is turned on or off or the power cord is connected or disconnected. The self-test checks the battery expiration date and remaining voltage, and the High-Voltage circuit. 		Yes	Yes	Yes	Yes	Yes	Yes
	- Self-test result should be saved in internal memory for later review.		Yes	Yes	Optional	Yes	Optional	Yes
	Bi-Phasic waveform delivery system, ECG through paddles and patient cable		Yes	Yes	Yes	Yes	Yes	Yes
	- Trace Speed 25 mm/sec.		Yes	Yes	Yes	Not mentioned	Yes	Not mentioned
	Contact Indicator to check for optimal skin contact via LED'S on paddles, delivered energy level to be printed on the print out.		Not mentioned	Yes	Yes	Yes	Yes	Yes
	- Recorder speed 25mm/sec with standard paper, digital HR with low/high alarm and Adult &Paediatric Paddles.		Yes	Not mentioned	Yes	Yes	Yes	Yes
	 Voice recording Surrounding sound, synchronized with the ECG waveform, and should be recorded. AED Cable with pad. 		Yes	Yes	Yes	Yes	Yes	Yes
	Should have upgradable capability to measure SPO2 & CO2 (Main Stream) for intubated patient & non-intubated patients with relevant		Yes	Yes	Not Quoted	Yes	Not Quoted	Yes

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S. No.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Universal Enterprises	M/s Khalid Corporation
	additional optional accessories. CERTIFICATIONS: FDA 510 K / CE / MHLW		ISO & CE	ISO & CE	ISO & CE	ISO & CE	ISO & CE	ISO & CE
	Country Of Manufacture & Origin USA, EUROPE & JAPAN or EQUIVALENT		Germany	Japan	USA	Spain	USA	Hungry
	Remarks	1	Does not comply with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.	Complies with the technical specifications.
			Not Responsive	Responsive	Not Responsive	Responsive	Not Responsive	Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent Liaquat University Hospital

S. No.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
)2	INFANT INCUBATOR	15	BLF-2001 Medicor	AIR INCU I Atom	CRISTINA CobamsSrl	OKM 801 Okuman
	CLASSIFICATION					
	Type of protection: Class I equipment		Yes	Yes	Yes	Yes
	Degree of protection: Type BF applied part		Yes	Yes	Yes	Yes
	Control System: Microprocessor control		Yes	Yes	Yes	Yes
	TEMPERATURE					
	Control mode: Manual control / servo control (selectable)		Yes	Yes	Yes	Yes
	Skin temperature setting range: 34.0 – 37.5°C (override mode: 37.6 – 38.0°C)			Yes	Yes	34 - 37°C
- 1	Skin temperature display range: 30.0 – 42.0°C		0-50 °C	Yes	Yes	20 - 37°C
	Skin temperature display accuracy: ±0.3°C		$25 - 37^{\circ}C$	Yes	Yes	Not mentioned
	Incubator air temperature setting range: 23.0 - 37.0°C (override mode: 37.1 - 39.0°C)			Yes	Yes	37 - 38°C
	Incubator air temperature display range: 20.0 - 42.0°C		0 − 50°C	Yes	Yes	Yes
	Incubator air temperature display accuracy: ±0.3 °C		±1°C	Yes	Yes	Not mentioned
	Heater output0 - 100%: (indicated in 10 levels)		Not mentioned	Yes	Yes	Not mentioned
	Warm up time: Approx. 30 minutes (Time before the incubator air temperature is reached			Yes	Yes	Not mentione
	to 36.0°C at ambient temperature 25.0°C and incubator air temperature setting 37.0°C)					
	Time axis of trend display: 1, 3, 6, 12, 24 hours		Not mentioned	Yes	Yes	Not mentioned
	Period of trend scale:			Yes	Yes	Not mentioned
	1 hour setting Every 10 minutes		3 hrs			
	3 hour setting Every 30 minutes		24 hrs			
	6 hour setting Every 60 minutes		170hrs			
	12 hour setting Every 120 minutes					
	24 hour setting Every 240 minutes					
	Alarms: High temperature, Set temperature, Skin temperature probe		Yes	Yes	Yes	Yes
	HUMIDITY					
	Humidification method: Boiling method			1		
	Control mode:Servo control			1		
	Setting range:40 - 95%Rh (in 1%increments)		30 - 95%			
	Display range:15 – 99%Rh		10 - 90%			
	Maximum humidity: 90 %Rh or more(at ambient humidity 50%Rh, ambient temperature					
	25.0 °C, incubator air temperature setting 37.0 °C)					
	Humidity display accuracy: ±10%Rh					
	Capacity of cartridge tank: Approx. 1 L.		Yes	Yes	Yes	Yes
	Continuous humidification without supplying water: 95% setting 8 hours or more		3L	Yes	Yes	1.5L
	Time axis of trend display: 1, 3, 6, 12, 24 hours		-	Yes	Yes	24 hours

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S. No.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
	Period of trend scale: 1 hour setting Every 10 minutes 3 hour setting Every 30 minutes 6 hour setting Every 60 minutes 12 hour setting Every 120 minutes 24 hour setting Every 240 minutes		Not mentioned	Yes	Yes	Not mentioned
	O2 CONTROLLER Alarms: Humidity sensor, Low water level, No water, Humidity chamber off, Set humidity Control mode: Servo control Setting range: 22 – 65% (in 1% increments) Display range: 15 – 105% Response time for display: 30seconds(90% response) Oxygen supply pressure: 294 - 490 kPa (3 – 5 kgf/ cm2) Type of oxygen sensor: Galvanic cell type Measurement range: 15 – 100% Calibration: 21%O2 Time axis of trend display: 1, 3, 6, 12, 24 hours Period of trend scale: I hour setting Every 10 minutes 3 hour setting Every 30 minutes 6 hour setting Every 60 minutes 12 hour setting Every 120 minutes 24 hour setting Every 240 minutes		Yes Yes 21 – 75% 21 – 100% Not mentioned Not mentioned Not mentioned 21 – 100% Yes Not mentioned Not mentioned	Yes	Yes	Yes Yes 21 – 65% Not mentioned Not mentioned Not mentioned Not mentioned Ves Not mentioned Yes Not mentioned Not mentioned
	Alarm Safety Signals: Visual and audible battery buffered/ powered alarms for, High/Set temperature, Skin temperature probe, Humidity Sensor, Low water level/no water, humidity chamber off, Fan failure, System failure, power failure		Yes	Yes	Yes	Yes
	ExternalDisplay Type: Liquid Crystal (TFT- LCD) Operation method: Touch panel Size:7 inches or more Dot formation:800 x 480 dots Number of colors:256 colors Number of AccessPort: 4 x elbow hand ports		Yes No 7" Not mentioned Yes Yes	Yes Yes Yes - - Yes	Yes Yes Yes - - Yes	Yes Yes 8" Not mentioned Not mentioned Not mentioned
_	2x Iris Ports Number of Tube Inlet:8 pieces Mattress Tilting Range: 13°		Yes Yes Yes	Yes Yes Yes	Yes Yes	Not mentioned 10 Not mentioned

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0.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
\neg	Air Velocity: 10 cm/s or below		Yes	Yes	Yes	Yes
	Noise level					
	WITHOUT humidification: 45dBA or below		Yes	Yes	Yes	Yes
	WITH humidification:47dBA or below		Not mentioned	Yes	Yes	Not mentioned
	Mattress:					
	Material Low rebounding urethane foam (pressure dispersion effect)		Not mentioned	Yes	Yes	Not mentioned
	Waterproofing property: Available (waterproofing welding processing)		Not mentioned	Yes	Not mentioned	Not mentioned
	Caster:					
	Quantity:4 pieces		Yes	Yes	Yes	Yes
	Diameter:125 mm		-	Yes	Yes	
	Shape:Dual wheel caster		-	Yes	Yes	
- 1	Number of locking caster: 4 pieces antistatic		-	Yes	Yes	-
	Conductivity: Available		-	Yes	Yes	
	Filter Material: Polypropylene			Yes	Yes	-
	Filteringefficiency (%): 0.1 µm NaCl 99 %			Yes	Yes	
	Other alarms: Fan. System failure. Power failure					
	Stand Accessories:					
- 1	Skin Temperature Probe		Yes	Yes	Yes	Yes
	IV Pole		Yes	Yes	Yes	Yes
	Replaceable Bacterial Filter		Not mentioned	Yes	Yes	Not mentioned
	Mattress With Cover		Yes	Yes	Yes	Yes
	Tray Set Pole Mounted Type		Not mentioned	Yes	Yes	Not mentioned
	Oxygen Control Unit		Not mentioned	Yes	Yes	Not mentioned
	Standards Compliance:		Not mentioned	Yes	Not mentioned	Not mentione
	IEC IEC60601- 1					
	IEC60601 1 - 2					
	IEC60601 - 2 - 19					
	EN EN60601 - 1					
	EN60601 - 1 - 2					
	EN60601 - 2 - 19					
	JIS JIS T0601 – 1					
	FDA 510 K					
	MHLW					
	Country of Manufacture & Origin:					
	Europe / Japan / USA or Equivalent		Hungry	Japan	Italy	Turkey

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S. No.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
	Remarks		Does not comply with the technical specifications.	Complies with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.
			Not Responsive	Responsive	Responsive	Not Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent Liaquat University Hospital

S. (o.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
3	INFANT WARMER	10	BLR-2100	SUNFLOWER	LERI 2000	OKM 730
			Medicor	Atom	CobamsSrl	Okuman
	Mobile Baby warming system with bassinet.		Yes	Yes	Yes	Yes
	Microprocessor controlled heating system.		Yes	Yes	Yes	Yes
	Mobile with antistatic castor, lockable, bumper guard.		-	Yes	Yes	-
	Rotary damper for silent operation of the admittance panel		-	Yes	Yes	ā
	Temperature Regulation:					
	Control mode: Manual control / Servo control (Selectable)		Yes	Yes	Yes	Yes
	Skin temperature setting range: 34-38°C)	Yes	Yes	25 - 38 °C
	Heater output: 0 -100%		-	Yes	Yes	
	Heating power/source: 500 W		Yes	Yes	Yes	Yes
	Selection for operating modes: Skin or Manual		Yes	Yes	Yes	Yes
	Pivot arm technology for heating. Head can be moved n both directions allowing X-Ray			Yes	Yes	3.34
	procedure withoutmoving the baby.				10001	
	Integrated observation lamp		14	Yes	Yes	I Parancero de Antono de la Companio
	Integrated baby bed 700 x 500 mm approx, withsecured plexi glass side panels, foldable down, withgrid for X-Ray		610 x 760	Yes	Yes	975 x 734
	Mattress tilting range: ±13 deg		Not mentioned	Yes	Yes	±15deg
	Alarm Safety Signals: Visual and Audible Battery Buffered/ Powered Alarms For, High/Set Temperature, Skin Temperature Probe, Fan Failure, System Failure, Power Failure Skin ProbeDefective / Unplugged.		Yes	Yes	Yes	Yes
	Lockable antistatic easters		Yes	Yes	Yes	Yes
	Accessories:IV Pole, Skin probe		Yes	Yes	Yes	Yes
	ClassificationTypeofprotection:Classlequipment		Yes	Yes	Yes	Yes
	DegreeofProtection:TypeBF appliedpart		Yes	Yes	Yes	Yes
	Skin Temperature Setting Range:34.0–38.0°C(in0.1°C\increments)		Inaccurately	Yes	Yes	Yes
	Skin Temperature Display Range:30.0–42.0°C		mentioned in	Yes	Yes	Yes
	Skin Temperature Display Accuracy:±0.3°C		brochure	Yes	Yes	Yes
	Heater Output Setting Range:0-100%(in5%increments)		OCHIA SCHARIANIA	Yes	Yes	Yes
	Heater Output Indication:In10levels			Yes	Yes	Yes
	HeatLevelatThePreheatMode: 24mW/cm ² (Heater		Not mentioned	Yes	Yes	Not mentione
	output100%)6mW/cm ² (Heateroutput30%)		31			
	Timer Mode: APGAR.CPR		Yes	Yes	Yes	Yes
_	Time Qisplay Range: 0-60minute's		Not mentioned	Yes	Yes	Yes

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S. lo.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
Ti	ime Display Unit: Isecond		Not mentioned	Yes	Yes	Yes
100000	pgar Timer Settings of the Apgar Chime: 1,5 and 10minutes (factory default) (Settings at 3,5 and 10minutes are also possible)		Not mentioned	Yes	Yes	Yes
C	PR Timer Interval between each chime: 30 seconds		Not mentioned	Yes	Yes	Yes
O	peration of the Second Counter: 6 sec. x 2		Not mentioned	Yes	Yes	Yes
	ighting Intensity:600lx		Not mentioned	Yes	Yes	15001x
St	tandards Compliance IEC IEC60601 – 1, IEC60601 – 2 -21 EN EN6060 I – 1, EN60601 - 2 - 21 JIS JIS T0601 – 1, JIS T0601 - 2 -21		Not mentioned	Yes	Yes	Not mentioned
C	ERTIFICATIONS:					
FI	DA 510 K / CE / MHLW / JIS (ANY TWO CERTIFICATIONS)		No	Yes	Yes	No
C	ountry of Manufacture & Origin:					
E	UROPE / JAPAN / USAor EQUIVALENT		Hungry	Japan	Italy	Turkey
	Remarks		Does not comply with the technical specifications.	Complies with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.
			Not Responsive	Responsive	Responsive	Not Responsive

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(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent Liaquat University Hospital

	Item Description	Qty	M/s Oasis Medical Systems
	MULTIDIRECTIONAL LED PHOTOTHERAPY LIGHT WITH CONTINUOUS SKIN TEMPERATURE MONITORING	08	Bililed Sphere 360 Novos Medical System
	Cylindirical double sided design of Multi Directional Phototherapy 360 supplies 360 degree multidirectional light therapy to the infant. A High Quality Treatment and Reliable Equipment which makes you feel the differences of multidirectional intensive phototherapy in most cases.		Yes Yes
	Multi Directional Phototherapy 360 is exactly what you need for the treatment of high bilirubin levels for newborns. Multi Directional Phototherapy 360 Jaundice management is critical for premature and term newborns with Hyperbilirubinemia. Multi Directional Phototherapy 360 enables you to get fastest total serum bilirubin breakdown and eliminates the need for blood exchange. Decline in Serum bilirubin level should be 0.84 mg/dl/hour or better.		Yes
	Less workload for NICU staff Treatment time of each patient is definitely shorter with Multi Directional Phototherapy360 than any other phototherapy equipment. Short treatment time means less workload for caregivers per patient, Intensive phototherapy system Multi Directional Phototherapy360 shortens hospital stay and supports baby mother contact. Sliding out bed unit allows caregivers and nursing staff easy access to the infant. Side windows protect other patients and caregivers from the effect of blue light and caregivers can supervise the neonate through side windows.		Yes
	Standard Features: IDEAL ENVIRONMENT FOR TINY NEWBORNS		
	Multi Directional Phototherapy360 makes it possible with Smart Software System and Auto Elevation Mode.		Yes
	TOUCH SCREEN LCD DISPLAY It makes possible to monitor all the Parameters (skin temp, air temp, high/low skin temp alarm limits, lamp time, therapy time set value and alarm messages) on a large LCD display simultaneously.		Yes
	USER FRIENDLY MENU AND EASY OPERATION Multi Directional Phototherapy 360 gives you the comfort and speed during operation of the equipment.		Yes
			ics
	SHORTEST TREATMENT TIME Means less workload for caregivers per patient. Intensive Phototherapy system Multi Directional Phototherapy 360 shortens Hospital stay and supports baby mother contact.		Yes
	EASY TO CLEAN Caregivers benefits from manual elevation system which elevates upper couple just on a push of a button for cleaning and disinfection of the inside of the equipment. Hammock Exchange is an easy process in Multi Directional Phototherapy 360 by means of the sliding out bed unit.		Yes
1	SAFETY & CONFORT FOR THE BABY It involves a specially designed soft hammock inside. It is comfortable to lay on even for the tiniest ones. In addition to that just under the hammock there exists a safety system against worn out hammock.		Yes

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S. Item Description	Qty	M/s Oasis Medica Systems	
10 Times longer life time than any conventional fluorescent lamp available in the market. Multi Directional Phototherapy 360 i most popular, low power, low cost and durable.	s using the	Yes	
Technical Specifications: ➤ Air Temperature Display 0°C - 51° C		Yes	
➤ Skin Temperature Display 0°C - 51° C		Yes	
Noise Level <55 dBA		Yes	
Screen 5.1 Inches touch screen		Yes	
Lamp Life Time 20,000.00		Yes	
Lamp Type 16 pcs Blue Light LED Tubes Intensity 120μw/cm²/nm		Yes Yes	
> Spectral Irradiance 420-480nm		Yes	
► IV Pole Weight Limit 2 Kg		Yes	
Monitor Shelf Weight Limit 6 Kg		Yes	
Supply Voltage 220 VAC ±10, 50 – 60 Hz		Yes	
 Upper & Lower Lamps can be operated together or separately. 		Yes	
Alarms:		2000	
→ High Skin Temperature Alarm +1°C		Yes	
➤ low Skin Temperature Alarm -1°C		Yes	
► High Ambient Air Temperature >37°C		Yes	
Low Ambient Air Temperature ≤30°C Skin Probe Failure		Yes Yes	
Therapy Ended Alarm		Yes	
Lamp Usage Time		Yes	
r tump coage time		1.63	
USAJUK, JAPAN, TURKEY OR EQUIVALENT		Turkey	
Remarks		Complies with the	
Kemarks		technical specification	
		Responsive	

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(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

S. No.	Item Description	Qty	M/s Oasis Medical Systems	M/s Universal Enterprises
05	Suction machine has been designed for professional aspiration of bodily fluids, tissues or bones of the patient during or after surgery. The state-of-the-art oil less pump guarantees high performances with excellent suction capacities and max vacuum reachable within a few seconds, with no need for maintenance. A clear dashboard along with a full range of accessories makes it the ideal device for surgical suction and liposuction.	08	Hospivac 350 CA MI	Novela Uzumcu
	Liquid Collection Jar with overflow valve system 8x14mm Silicone Tubes, length 150cm (autoclavable) + Conical Connector ø 10-11-12mm Antibacterial & Hydrophobic Filter Power Cord with Schuko plug		Yes Yes Yes Yes	Not Mentioned Not Mentioned Yes Yes
	TECHNICAL SPECIFICATION Motor: Oil less and maintenance-free piston pump Max free air flow rate: 60 l/min Autoclavable Collection Jar: 2 x 5 Liter Power Feeding: 230V-50Hz - other configurations on request ISO 10079-1 Classification: HIGH VACUUM / HIGH FLOW Max Vacuum (adjustable): -0.90 bar -90 kPa -675 mmHg Silicon Suction Tube: 3-4 Meter Noise Level: 51,7 dBA Duty cycle: Non-stop operation		Yes	Yes Yes 2 x 3L Yes Yes 650mmHg Not Mentioned Not Mentioned Yes
	USA, UK, GERMANY, JAPAN, ITALY OR EQUIVALENT		Italy	Turkey
	Remarks		Complies with the technical specifications.	Does not comply with the technical specifications.
			Responsive	Not Responsiv

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS Jamshoro (Member)

Dr. Anjum Rehman Addl: Medical Superintendent Liaquat University Hospital

	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Oasis Medical Systems
	PHOTOTHERAPY UNIT	16	KLA-145L-MU Medicore	BILI-THERAPY Atom	520 CobamsSrl	BC 250 LCD Okuman	Lililed Maxi Novos Medica System
	Phototherapy unit spot type.		Yes	Yes	Yes	Yes	No
	Stand type: Tiltable& height adjustable.		Yes	Yes	Yes	Yes	Yes
	Effective phototherapy treatment by blue LEDs		Yes	Yes	Yes	Yes	Yes
	Switchable to examination lamp with one-touch of a button with white LEDs.		Yes	Yes	Yes	Yes	Yes
	Power requirements: Rating: AC100~240V		Yes	Yes	Yes	Yes	Yes
	Frequency: 50/60Hz		Yes	Yes	Yes	Yes	Yes
	Power Consumption: 30VA		50W	Yes	Yes	50W	06VA
	Light Source: Blue LEDs		Yes	Yes	Yes	Yes	Yes
-	Life of LEDs: Approx 60,000Hrs		50000 Hrs	Yes	Yes	50000 Hrs	20000Hrs
	Irradiance level: At least 30-40µW/cm²/nm (1.8-2,4mW/cm²)		25 - 45 μW/ cm ² /nm	Yes	Yes	6 - 120 μW/ cm²/nm	75-12040µW/ cm²/nm
	Illumination intensity: Approx. 1.500 lux or higher (Distance from light source: 30cm)		Not mentioned	Yes	Yes	Not mentioned	Yes
	Dimensions: Stand Type: 45(W) x 71 (D) x 190 (H)cm		-	Yes	(4)		
	Weight: Stand Type: Approx. 12kg		-	Yes			.*
-	Types of protection: class II equipment		Yes	Yes	Yes	Yes	Yes
	Wave length: Peak wavelength 450-475 nm		400 - 500nm	Yes	Yes	455 – 460nm	420-480nm
	Changes in irradiance over 6 hours: ±10 % (in the effective irradiated area)		-	Yes	Yes.		Not mentioned
	Maximum irradiance level: 43.8 µW/cm²/nm (2.6 mW/cm²)		8	Yes	Yes	- C	Not mentioned
	Noise: No noise sources like cooling fan.		2	Yes	Yes	-	No
-	Time display patient irradiation time: 0-99,999(one hour increments)		2	Yes	Yes	1 - 999 hrs	Yes
	Lamp operation time:0-99,999(one hour increments)		Not specified	Yes	Yes	Not specified	Yes
	Operation conditions ambient temperature: 10-30 °C			Yes	Yes		Not mentioned
	Relative humidity: 30-85% (non-condensing)		-	Yes	Yes		5-99%
	Atmospheric pressure Ambient: 70-106kPa(525 795mmHg)		-	Yes	Yes	-	Not mentioned
	Standards Compliance:						
	IEC60601-1-2			Yes	Yes	7.5	Yes
	JIS T0601-1-2		-	Yes	Yes		No
	CERTIFICATIONS:				2342	ngowi	N2005
	FDA 510 K / CE / MHLW / JIS		No	Yes	Yes	No	No
	(ANY TWO CERTIFICATIONS)						

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S. No.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS	M/s Oasis Medical Systems
	Country of Origin and manufacture: USA / Europe / Japan or Equivalent		Hungry	Hungry	Italy	Turkey	Turkey
	Remarks		Does not comply with the technical specifications.	Complies with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.	Does not comply with the technical specifications.
			Not Responsive	Responsive	Responsive	Not Responsive	Not Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department LUMHS

Jamshoro

Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
CRASI	TROLLEY WITH DEFIBRILLATOR	04	Persolife+ EVO-1 France Hospital Italy	KY-40QR Paramount Bed Japan	Medisco UK	Emergency4575 Gima Italy
	l Specification					
	be conveniently found at the back of the medical cart for use during CPR in emergency			Yes		Yes
1 CONTRACTOR 1 CONT	be easily removed from and returned to its storage location					
Should Should can be r	fatch Sub Table have a useful sub-table which should be extended whenever necessary. be with push-catch mechanism and contains several small compartments on which tools neatly organized. have a raised edge to prevent items from falling off.			Yes		Yes
Should All orig emerge The loc placed i	me Serial Lock System: have one-time serial lock system inal and disposable one time serial lock should be used for the effective management of ney care items. k should be set in place once all medication and other diagnostic material have been in the cart, thus there is no need to check cart contents while it is sealed, have quick access to the content of the cart by easily removing the lock.			Yes		Yes
	for Easy Transport: have transport handle with easy grip			Yes		Yes
IV Pole Should	have adjustable IV Pole with 02 Hooks			Yes		Yes
	a cylinder Holder have oxygen cylinder holder as standard			Yes		Yes
Materi	al:					
Body:	Steel			Yes		Yes
Cover:	ABS Plastic			Yes		Yes
Coating	3.20pm 3.70pm 3.60pm 3.70pm			Yes		Yes
Castor						
Should	have 125mm dia, with diagonal locking system with one anti-static caster			Yes		Yes

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	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
,	Drawer:					
1	Total 05 drawers (small, medium and large)	1 1		Yes		Yes
1	3 size drawers (Small with different depth) allow for easy classification and management of			Yes		Yes
	nedicine and other materials.					
	Dimension of Drawer:					
	Small-sized drawers: W: 570mm, L: 395mm, H: 60mm			Yes		Yes
1	Medium-sized drawers:W: 570mm, L: 395mm, H: 135mm			Yes		Yes
1	Large-sized drawers: W:570mm, L: 395mm, H: 215mm			Yes		Yes
1	BIPHASIC DEFIBRILLATOR:		EVO-1	Cardiolife	Cardiostart	Reanibex
1			Primedic	TEC-5621K	US DEFIB	Series 800
				Nihon Kohden		Bexen Cardio
-	Display 6.5" inch or more color LCD TFT		8.4"	6.5"	5.7"	8.4"
	Defibrillator with color monitor and recorder mains 220V/50Hz 1 phase.		Yes	Yes	Yes	Yes
	Built in rechargeable battery for minimum 100 shocks at maximum energy.		Yes	100 shocks	Yes	130 shocks
1.	Energy delivered 2-270 joules or more.		360J	Yes	Yes	Yes
	Quick ECG waveform recovery after defibrillation, the ECG waveform recovers within 3 seconds.		Not mentioned	Yes	Not mentioned	Yes
	Defibrillator should have discharge button on both main unit and the paddle.		Yes	Yes		Yes
	Charging time should be less than 5 seconds for 270 joules.		8 sec	4 sec	8 sec	5 sec
	Self-test should be available to ensure reliable use of the defibrillator, whenever the power is turned on or off or the power cord is connected or disconnected. The self-test checks the battery expiration date and remaining voltage, and the High-Voltage circuit.		Yes	Yes	Yes	Yes
1	Self-test result should be saved in internal memory for later review.					
	Bi-Phasic waveform delivery system, ECG through paddles and patient cable.		Yes	Yes	Optional	Yes
	Trace Speed 25 mm/sec.	1	Yes	Yes	Yes	Yes
	Contact Indicator to check for optimal skin contact via LED'S on paddles, delivered energy level to be printed on the print out.		Yes	Yes	Yes	Not mentione
	Recorder speed 25mm/sec with standard paper, digital HR with low/high alarm and Adult &Paediatric Paddles.		Not mentioned	Yes	Yes	Yes
-	Voice recording Surrounding sound, synchronized with the ECG waveform, and should be recorded.		Yes	Not mentioned	Yes	Yes
1	- AED Cable with pad.		Yes	Yes	Yes	Yes
T.	Should have upgradable capability to measure SPO2 & CO2 (Main Stream) for intubated		Yes	Yes	Yes	Yes
	patient & non-intubated patients.		0.00.777	7	7.77	MAZE:
	- System to be quoted with Internal heart paddles for adults as well as paeds as optional.		Yes	Yes	Not Quoted	Yes

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S. No.	Item Description	Qty	M/s Elate C.C	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
	Certifications: FDA 510 K / CE / MHLW		ISO & CE	ISO & CE	ISO & CE	ISO & CE
	Country of Manufacture & Origin of the product should be: USA, Europe and Japan or Equivalent		Germany	Japan	USA	Spain
	Remarks		Does not comply with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.	Complies with the technical specifications.
			Not Responsive	Responsive	Not Responsive	Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

0/00

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS Jamshoro (Member)

Dr. Anjum Rehman

Addl: Medical Superintendent Liaquat University Hospital

S. No.	Item Description	Qty	M/s I.S Enterprises
08	NEBULIZER (HEAVY DUTY)	08	LFN-010 For Life
	Certification:		
	ISO 9001		Yes
	Specification:		
	- Compressor: Piston. Fuse: T1,6 A/ 250V.		Yes
	- Operating Pressure: 0.90 bar.		Yes
	- Air flow: 141/min.		Yes
	- Noise Level: 50db.		Yes
	- Temporary Use: 30/30 min.		Yes
	- ON/OFF.		Yes
	Accessories		
	a) Face Mask (5 piece)		Yes
	b) Faster Jet Bulb (1 piece)		Yes
	c) Mouthpiece (1 piece)		Yes
	d) Nasal Prong (1 piece)		Yes
	e) Connection Tubing (1 piece)		Yes
	Country of Origin:		
	USA/EU/Japan Or Equivalent		Germany
	Remarks		Complies with the technical specifications
			Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member) Pr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

S.	Item Description	Qty	M/s I.S Enterprises	M/s BIOS	M/s Universal Enterprises	M/s Khalid Corporation
)9	ECG MACHINE (THREE CHANNEL) WITH PROVISION TO REVIEW ECG DATA ON LAPTOP	04	SE-3 Edan	MT Plus BTL Industries	NeuCardio E3 NewTech Medical	Cardico 306 Suzuken
	- 3-Channel Interpretive Electrocardiographs with LCD Screen, having the following		Yes	Yes	Yes	Yes
	- 12-Lead ECG Simultaneous Display		Yes	Yes	Yes	Yes
	 An LCD Screen shows 12-lead ECG waveform at a glance for easy reviewing. 			Yes		Yes
	- It also helps save paper.			Yes		Yes
	- You can confirm noiseless waveforms, Data Storage and Transfer: 8-Files x 10 seconds ECG					
	can be stored and transferred to the serial port of PC/Laptop that has ECG viewer software.					
	- Laptop must be provided along with ECG machine having review software.		Not Quoted	Not Quoted	Not Quoted	Not Quotec
	- To save recording paper, report printout can be turned off when data is transferred.					
	- Manual ID Number Entry: A numerical ID can be entered with the panel keys for easier filing.					
	 High Level 12-Lead ECG Analysis: Latest interpretation program is integrated. 					
	- It provides simultaneous 12-lead					
	- ECG acquisition and analysis with approximately 200 findings and 5 judgment categories.		Not	Yes	Not	Yes
	- 3-Channel Recording: Both roll and Z-Fold papers are available with various recording		Yes	Yes	Yes	Yes
	formats. - A high resolution thermal print head provides clear printouts.		Yes	Yes	Yes	Yes
	- Unique Pen Sound Generation: A pen sound generator is built into the thermal array recorder		Not mentioned	Yes	Not mentioned	Yes
	so that the operator can evaluate the quality of the ECG recording even from a distance. This					
	helps avoid mis-recording and save paper.					
	- AC Battery Operation: An ecological NiMH battery allows measurement and recording of		Li-ion	Yes	Li-ion	Li-ion
	approx. 60 patients.					
	Analysis sampling rate: 500 samples/s					
	Acquisition sampling rate: 8,000 samples/s					
	AC interference filter: 50/60Hz					
	Time constant: 3.2 s		Yes	Yes	Yes	Yes
	Baseline drift filter: Suppressed to preserve original waveform					-
	Waveform status detection: Electrode detachment (polarization voltage). Noise (high				-	-
	frequency)					
	High cut filter: 75,100, 150 Hz			-		
	EMG suppression filter: 25/35 Hz					-
	Display Type: Monochrome backlit LCD			5.7"		5.7"
	Display size: 4.8 inch		Yes	Yes	Yes	Yes
	Resolution: 320 x 240 dots			Yes	-	
	ECG waveform: 12 lead (2.8 s/lead)			Yes		-
	Data Display: 12 lead ECG waveform, patient information, recording settings, operation mode,			100		
	heart rate, QRS sync mark, error message, electrode detachment. Noise			Yes		Yes
	Printing process: High resolution thermal print head			103		1 6.5

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S.	Item Description	Qty	M/s I.S Enterprises	M/s BIOS	M/s Universal Enterprises	M/s Khalid Corporation
	Printing density: 200 dpi (8 dots/mm), 320 dot/mm2 (25 mm/s)					
	Scanning line density: 1 ms					
	Paper width: 63 mm		Yes		Yes	Yes
	Number of channels: 1, 2 and 3					
	Paper speed: 25, 50 mm/s (10mm/sec is available when periodic recording.)		Yes		Yes	Yes
	Sensitivity:5, 10, 20 mm/mV (sensitivity can be automatically attenuated to 2.5 mm/mV or 1.25 mm/mV when automatic gain control is set to on and excessively high amplitude ECG signal comes in)		Yes		Yes	Yes
	Country of Origin:					
	USA/EU/Japan Or Equivalent		China	Bulgaria	USA	Japan
	Remarks		Does not comply with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.	Complies with the technical specifications.
			Not Responsive	Responsive	Not Responsive	Not Responsi

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital Hyderabad

	Item Description	Qty	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
)	X-RAY SYSTEM 500MA	04	Radnext 32	Radrex MRAD A32S	Primax Riviera	Stephanix
	30kW or more High Frequency Inverter Type X-Ray Generator.		32KW	32KW	40KW	40KW
	Capable to Provide User Programmable Radiography and Auto Programmable Radiography. Radiographic Ratings:		Yes36 Programs	Yes35 Programs	Yes	Yes
	KV range: 40 to 150KV		Yes	Yes	40-130	Yes
	mA Range: 10 to 500mA		50-500	10-500	32-500	10-500
	Focal Spot: 0.6mm / 1.2mm or better.		Yes	Yes	1/2	1/2
	Anode Heat Capacity: 140 kJ (200 kHU) or more.		140kJ	100kJ	300KHU	140KHU
	Input energy (at 0 1.1 s):		Not mentioned	Yes	Not mentioned	Not mentione
	Large focus: 36KW (50Hz), Small focus: 16KW (50Hz).		Not mentioned	Yes	48KW/24KW	Not mentione
	Leakage technique factor: 150 kV, 3.4 mA.		Not mentioned	Yes	Yes	Not mentione
	X-ray irradiation field: 354 mm x 354mm (13.9" x 13.9") at SID 835 mm (32.9").	-	Yes SID 847mm	Yes	Not mentioned	Not mentione
- 1	Anode rotation speed: -50Hz: 2700 per minute.		Yes	Yes	3000/min	Not mentione
- 1	Maximum anode heat dissipation rate: 475 W (667HU/sec).		640W	Yes	Not mentioned	Not mentione
	Housing heat storagecapacity: 900 kJ (1250 kHU).		1062kJ	Yes	Not mentioned	Not mentione
- 1	Maximum housing heat dissipation rate with air-circulaor: 355 W (30 KHU/min).		425 W	Yes	Not mentioned	Not mentione
-1	Without air circulator: 180 W (15 KHU/min).		215W	Yes	Not mentioned	Not mentione
	Floor-to-Ceiling Type X-Ray Tube support.		Yes	Yes	Yes	Yes
	Longitudinal Movement: 250 cm or more.		200cm	Yes	230cm	148cm
	Lateral Movement: 40 cm or more.		150cm	Yes	Not mentioned	Not mentione
	Vertical Movement: 166 cm or more with Manual		140cm	Yes	Not mentioned	150cm
- 1	Beam Limiting Device and High Tension Cables.		1.755	151,541		
	Electromagnetic breaks.		Manua!	Yes	Yes	Yes
	Cassette Size: 18 x 24cm to 35 x 43cm (8" x 10" to 14" x 17")		Not mentioned	Yes	Yes	Yes
	Four way floating Table.		Yes	Yes	Yes	Yes
	Floating Stroke of table: Longitudinal 90cm or more.		86cm	Yes	45cm	90cm
- 1	Lateral ±12cm or more.		15cm	Yes	12cm	Yes
	Bucky device: Oscillating grid.		Not mentioned	Yes	Not mentioned	Not mention
- 1	Grid Ratio 8:1 or better.		Yes	Yes	10:1	10:1
	Distance from the front Panel of the Bucky Device to the Film: 3.2cm		3.3	Yes	Not mentioned	Not mention
- 1	Vertical Movement of the Bucky Device: 120cm or more.		112cm	Yes		150cm
- 1	Compatible Cassette Size: 18cm x 24cm to 35cm x 43cm (8" x 10" to 14" x 17").	-	Yes	Yes	Yes	Yes
	Bucky Device Movement and Lock:		Not mentioned		Yes	Mechanica
	Counterweight and Electromagnetic Lock.		Not mentioned	Yes	Yes	Yes
	Grid Movement: Oscillating Motion System.		Not mentioned	Yes		Yes
	Grid Ratio 8:1. Or better.		10:1	12:1	10:1	10:1

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S. No.	Item Description	Qty	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply	M/s BIOS
	Quality and Safety Standards MDD(CE) Compliance /FDA approval/MHLW (any two certifications) Note: All Parts of X-Ray Machine Should Be from Original and Same Manufacturer Country of manufacture and Origin USA/Europe/Japan or Equivalent		Yes Japan	Yes Japan	Yes	Yes France
	Remarks	'	Complies with the technical specifications.	Complies with the technical specifications.	Complies with the technical specifications.	Complies with the technical specifications.
			Responsive	Responsive	Responsive	Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

	Item Description	Qty	M/s Medequips SMC	M/s Medical Equipment Supply	Khalid Corporation
DIG	GITAL COLOR DOPPLER	02	Xario 100 Platinum Toshiba (Canon Group)	Sonimage HS-1 Konica Minolta	MyLabSever Esoate
syst	y digital beam former having 128 physicaland 150,000 or more processing channels colordoppler em with 12-bit A/D conversion, 2d/mmode and doppler facilities, (PW, HPRF,& colorflow imaging) with a high resolutionimaging doppler signal quality. Having DICOM compatibility. Upgradable to		Yes	Yes	Not mentione
	inelastography and 4D imaging on convex andendocavity probe. System should havecapability to dle multi frequency probeupto 18 Mhz.				22Mhz
	Iode Specification:		V	V	None
(A)	Sector scan angle variable in four steps.		Yes	Yes Yes	Not mention
B)	Viewing depth: 38cm or more (both in B&W andcolor).		Yes Yes	Yes	Yes
(C)	Built in cine loop with ability to vary reverse and slow motion of display:internal memory 256mb/ 2000 images or more.		165	1 CS	1.65
Di	Real time and freeze image magnification atleast 20x or more with panning for real, freeze.		Yes	Yes	Yes
E)	Frame rate: 500 frames minimum for B-modelmages.		Yes	Yes	2183
M	Mode Specification:				
A)	Magnification/zoom: x20 or more		Yes	Yes	Not mention
B)	Sweep speed: slow, medium, fast		Yes	-	Not mention
(C)	Color display of m-mode		Yes		Not mention
D-N	Tode Specification :				
(A)			Yes	Yes	Not mention
B)	HPRF doppler.		Yes	Yes	Not mention
C)	Colorized spectrum display.		Yes	Yes	Not mention
(C)	Automatic baseline and velocity range control.		Yes	Yes	Not mention
E)	Live measurements for doppler spectrum.		Yes	Yes	Not mention
F)	Doppler PRF range:				
	PWD: 0.3khz to 52.0 Khz		N/	AV.	N
1	CWD (option): 1.4khz to 52.0 Khz		Yes	Yes	Not mention
G)	Maximum detectable velocity range:		Yes	Yes	Not mention
	PWD: 1850cm/s		Yes	Yes	Not mention
	CWD (option): 2200cm/s		Yes	Yes	Not mention Not mention
H)	Minimum detectable velocity range:		1 05	1 05	NOT INCHITION
	PWD: 0.03cm/s		Yes	Yes	Not mention
	CWD (option): 3.2cm/s		Yes	Yes	Not mention

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	Item Description	Qty	M/s Medequips SMC	M/s Medical Equipment Supply	Khalid Corporation
	Doppler Mode Specifications :				
	PWdoppler must be continuous steerable in he color blood flow image mode in realtime.		Yes	Yes	Not mentioned
	2d image with color, CW and PW doppler.		Yes	Yes	Not mentioned
	Windows based system for easy usage withprogrammable control panel keys.		Yes	Yes	Not mentioned
1-	Tissue harmonic imaging with 4 THI or morefrequency.		Yes	Yes	Not mentione
	Power doppler.		Yes	Yes	Not mentione
	Triplex mode for simultaneous display of color B/M and D-mode displays.		Yes	Yes Yes	Not mentione Not mentione
-	260 DB system dynamic range or more.		Yes	Yes	Not mentione
	surement Package :				
	To provide comprehensive software package for measurement of distance, circumference, area, time		Yes	Yes	Not mentione
	depth, velocity, frequency, heart rate, volume, measurement software, auto-nuchal translucency				
	measurement to be provided as standard.				
	m Complete with following facilities and Accessories:				
	Full 19-inches or more display area fordiagnostic imaging LCD/TFT color monitor, with resolution				
	1280 x 1024 pixels minimum				
	3 active transducer connector				
	Built-in DVD/CD drive for image storage.4-usbports.				
	500GB hard disk drive to be built-in to thesystem.				
	Built in DICOM compatibility. Touch screen: 8.4 inches or more.				
	dard Probes: 2-6Mhzmulti-frequency convex probe forb/m/edi/pw.		Yes	2-5	1-8
			Yes	4-18	3-13
	5-11Mhzmulti-frequency linear probe forb/m/edl/pw.				- F.F.
Note:	Probes should be of same country ofmanufacturer as main unit system should be		Yes	Yes	Not mentione
	upgradeable to CW Doppler.				
1)	Tissue doppler imaging mode.		Yes	Yes	
2)	Tissue harmonic imaging with 4 harmonic frequencies.		Yes	Yes	
3)	Auto image optimization/quick scan imaging for automatic stc / gain and doppler spectrum		Yes	Yes	
	adjustment with optimal image quality by using one touch operation.				
4)	Trapezoid imaging / wide view imaging.		Yes	Yes	
5)	Adaptive suppression imaging /precision imaging to enhance b-mode imaging detailed in layers and		Yes	Yes	
	boundariesand sharpened outlines of the lesions and reduce cluttering.				
6)	Special tissue harmonic imaging technique to enhance effective wide band frequency range to		Yes	Yes	
	provide simultaneously spatial resolution, contrast resolution and increased penetration using two				
\	transmission pulses at different frequencies simultaneously and reception at harmonic as well as				

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S. No.	Item Description	Qty	M/s Medequips SMC	M/s Medical Equipment Supply	Khalid Corporation
	differential component. 7) System should be FDA 510 k and CE approved both.		Yes	Yes	
	Accessories:				
	 Thermal printer 256-gray scale (Sony, Mitsubishi or equivalent) 		Yes	Yes	
	Ups:on line with sine waves with thirty minutes back up time. (imported)	1	Yes	Yes	
	Optional (must be quoted separately):				
	 3-7 Mhzmulti-frequency 4d volume convex probe for 4d imaging. 		Yes	Yes	1
	ii) Multifrequency 4d volume endocaity probe for 4d imaging.		Yes	Yes	
	 4-10Mhzmulti-frequency endocavity probefor b/m/cdi/pw. 		Yes	Yes	
	iv) <u>Elastrography</u>: Elastrography to evaluate lesion stiffness.		Yes	Yes	
	v) B-flow / dynamic flow imaging / e-flow with dopplerspectrum		Yes	Yes	
	Country of origin and manufacture ofmachine and probes should be (USA / Japan/ Europe Or Equivalent)		Japan	Japan	Italy
	Remarks	·	Complies with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.
			Responsive	Responsive	Not Responsiv

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department LUMHS

Jamshoro

Dr. Anjum Rehman Addl: Medical Superintendent

Liaquat University Hospital

Hyderabad

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S. No.	Item Description	Qty	M/s I.S Enterprises	M/s Elate C.C	M/s BIOS	M/s Universal Enterprises
12	MULTIPARAMETER MONITOR FOR PEADS AND NEONATE	02	iM80 Edan	FX-3000 Emtel	Omni 3 Infinium Medical	NeuVision 203 NewTech Medical
	Standard Parameter: NIBP, Temperature, Pulse Oximeter, HP/PR, ECG		Yes	Yes	Yes	Yes
	Colored touch display monitor up to 15" or more.		15.1"	15"	15"	12.1"
	Neonatal, pediatric& adult modes of operation, detection and alarms for all parameters		No Neo/Paed	Yes	Yes	No Neo/Paed
	Waveform display 8 or more.		13	8 or 12	Yes	13
	Wave form trace speed: 25 and 50mm/sec		Not mentioned	Yes	Yes	Not mentioned
	ECG					
	Leads selection: I, II, III, aVR, aVF, aVL, V, V1-V6, TEST		Yes	Yes	Yes	Yes
	Selectable neonatal & pediatric operation		Not mentioned	Yes	Yes	Not mentioned
	Ability to detect neonatal & pediatric heart rate range. QRS widths and amplitudes.		Not mentioned	Yes	Yes	Not mentioned
	Numeric heart rate		Yes	Yes	Yes	Yes
	Real time wave form			Yes	Yes	-
	Variable gain: 0.5.1,2&4		Not mentioned	Not mentioned	Yes	Not mentioned
	Heart beat indication			Yes	Yes	
	NIBP					
	Pressure, oscillometric principal.		Yes	Yes	Yes	Yes
	Systolic , diastolic and mean pressure	1	Yes	Yes	Yes	Yes
	Rising cuff/continuous pressure display		Yes	Yes	Yes	Yes
	Temperature					
	Numeric temperature selectable		Yes	Yes	Yes	Yes
	Temperature with probe (external and rectal)		No	Yes	Yes	No
	Ability to measure neonate and pediatric temperature range		No	Yes	Yes	No
	Pulse Oximeter					
	Number oxygen saturation measurement		Yes	Yes	Yes	Yes
	Range: 0-100%		Yes	Yes	Yes	Yes
	Sensor for neonate/infant and pediatrics		No	Yes	Yes	No
	Respiration impedance method using ECG leads for sensing.		•	Yes	Yes	
	Breathing rate range, sweep speed			Yes	Yes	-
	Selectable apnea alarm		-	Yes	Yes	-
	Built-in battery with charger for at least 3 hours or more		Not mentioned	Not mentioned	Yes	Not mentioned
_	HL-7 compatible		No	No	Yes	No

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S. No.	Item Description	Qty	M/s I.S Enterprises	M/s Elate C.C	M/s BIOS	M/s Universal Enterprises
	Complete with: ECG Cables for peads and neonate Peads/Infant cuffs Peads/Infant SpO2 probe FDA/CE/JIS Marked		Not Quoted Not Quoted Not Quoted CE	Yes Yes Yes CE	Yes Yes Yes FDA & CE	Not Quoted Not Quoted Not Quoted CE
	Country of Origin: USA/UK/EEC/Japan OR Equivalent		USA	Poland	USA	USA
	Remarks		Does not comply with the technical specifications.	Does not comply with the technical specifications.	Complies with the technical specifications.	Does not comply with the technical specifications.
			Not Responsive	Not Responsive	Responsive	Not Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

S. No.	Item Description	Qty	M/s Allmed Solutions	M/s Endo Kare
13	LIGHT SOURCE	01	LED Nova 150 Karl Storz	CLLV-1 Olympus
	• 150 Watt LED		Yes	Yes
	Country of Origin : USA/Japan/Germany or Equivalent		LED Nova 150 Karl Storz	Japan/Germany
	Remarks		technical	Complies with the technical specifications.
			Responsive	Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent Liaquat University Hospital

S. No.	Item Description	Qty	M/s Allmed Solutions	M/s Endo Kare
14	LCD MONITOR	01	9826NB Karl Storz	OEV-262H Olympus
	 Should be medical grade 26" inch in size Compatible with Endoscopic system. 		Yes Yes Yes	Yes Yes Yes
	Country of Origin : USA/Japan/Germany or Equivalent		Germany	Japan/Germany
	Remarks		Complies with the technical specifications.	Complies with the technical specifications.
			Responsive	Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department LUMHS

Jamshoro

Dr. Anjum Rehman Addl: Medical Superintendent Liaquat University Hospital

S. No.	Item Description	Qty	M/s Allmed Solutions
15	ENDOSCOPY LENS - 30°	01	Hopkins Karl Storz
	• 30° angle		Yes
	Wide angle		Yes
	 18 cm long 		Yes
	4 mm in Diameter		Yes
	Country of Origin:		
	USA/Japan/Germany or Equivalent		Germany
	Remarks		Complies with the technical specifications.
			Responsive

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen) Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmeen Memon

Chairperson of Paediatric Department

LUMHS Jamshoro

Dr. Anjum Rehman Addl: Medical Superintendent

Liaquat University Hospital

MEETING OF PROCREMENT COMMITTEE FOR OPENING OF FINANCIAL BIDS FOR PURCHASE OF MACHINERY / EQUIPMENT (PAEDIATRIC UNIT-I & II) FOR THE FINANCIAL YEAR 2017-18 AT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD/ JAMSHORO IN THE COMMITTEE ROOM LUH, HYDERABAD ON 13.02.2018.

S.NO	NAME & DESIGNATION		SIGNATURE
01	Dr. Naeem Zia Memon Addl: Medical Superintendent (General /Technical), LUH, Hyderabad.	Chairman	Soin
02	Dr. Yasmeen Memon Chairperson Paediatric Department LUMHS, Jamshoro	Member	Caren
03	Dr. Anjum Rehman Deputy Medical Superintendent, LUH, Hyderabad.	Member	hum

Dated:- 13.02.2018 *

Opening of Financial Bids for Ourchase of Machinery / Equipment for Paediatric Department for the Financial year 2017-18 at Liaquat University Hospital, Hyderabad/Jamshoro Tender Opened on 06.01.2018

ATTENDANCE SLIP

S.No.	Name of Firm	Phone Number	Postal Address	Name of Participant	C.N.I.C No: of participants	Signature
1	Allmed Soletins	03332753119	A+21/3 KDA Schone NO 1 Ext :	Aber- Alen-Any tadinal.	41303-6769-844-5	X.
2	Medignerps SMC KIL	0301 202211	meter rowsery lear		41303-5534881-9.	m: 55-17
3	Bios	6333-3831918	24 Phase Theibly	RA cina Shohyd	42101-1621854-7	con
4			1115			
5						
6						
7			**			
8						

(Dr. Naeem Zia Memon)

Addl: Medical Superintendent (General)

LUH, Hyderabad

Chairman Procurment Committee

(Dr. Anjum Rehman)

Deputy Medical Superintendent LUH, Hyderabad

Member Procurment Committee

(Dr. Yasmeen Memon)

Chairperson, Paediatric Department LUMHS, Jamshoro Member Procurment Committee

LIAQUAT UNIVERSITY HOSPITAL

HYDERABAD / JAMSHORO

BID FINANCIAL EVALUATION REPORT

OPENED ON13.02.2018

TENDER FOR PURCHASE OF MACHINERY / EQUIPMENT UNDER SNE (NEW) 2017-18 FOR PAEDS DEPARTMENT

TENDER NO. 28/2017-18 (DATED: 06.01.2018)

Enclosed:

- 1) Bid Evaluation Report
- 2) Comparative Statement
- 3) Meeting Minutes

Bid Evaluation Report

1) Name of Procuring Agency: <u>Liaquat University Hospital Hyderabad / Jamshoro</u>

Tender Reference No: 28/2017-18

3) Tender Description: Purchase of Machinery / Equipment under SNE (New) 2017-18

for PAEDS Department

4) Method of Procurement: Single Stage Two Envelope

5) Tender Published: Dawn (21.12.17)- Jang(22.12.17)-Kawish(24.12.17)

SPPRA Website (S.No:35749)

6) Total Bid Documents Sold: 10

7) Total Bids Received: 10

8) Technical Bid Opening Date: 06.01.2018

9) No. of Bid Technically Qualified: 08

10) Bid(s) Rejected: 02

11) Financial Bid Opening Date:

13.02.2018

12) Bid Evaluation Report:

Enclosed (i) Comparative Statement (ii) Minutes

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmin Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

(Member)

Dr. Anjum Rehman

Addl: Medical Superintendent Liaquat University Hospital

Tender No. 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for PAEDS Department (Dated: on 06.01.2018)

Financial Bids Opened on 13.02.2018

COMPARATIVE STATEMENT

S. No.	Item Description	Qty	Bidder	Model	Make	C&F	DDP	Remarks
1	Defibrillator with Neonatal/Paeds Paddles Biphasic	2	M/s Khalid Corporation	Cardio-Aid 360B	Innomed	€ 4,961 (Rs 654,703)	Rs 698.786	1st Lowest
			M/s Medequips SMC	Cardiolife TEC-5621K	Nihon Kohden	\$ 7,900 (Rs 872,950)	Rs 935,000	2nd Lowest
			M/s BIOS	Reanibex 800	Bexen Cardio	€ 6,909 (Rs 911,780)	Rs 975,000	3rd Lowest
2	Infant Incubator	15	M/s Medequips SMC	Air Incu I	Atom	¥ 1.325,000 (Rs 1.297.175)	Rs 1,400,000	1st Lowest
			M/s Medical Equipment Supply	Cristina	Cobams	€ 11,000 (Rs 1,451,670)	Rs 1,600,000	2nd Lowest
3	Infant Warmer	10	M/s Medequips SMC	Sunflower	Atom	¥ 1,450,000 (Rs 1,419,550)	Rs 1,535,000	1st Lowest
			M/s Medical Equipment Supply	Leri 2000	Cobams	€ 12,000 (Rs 1,583,640)	Rs 1,700,000	2nd Lowest
4	Multidirectional LED Phototherapy Light with continuous skin temperature monitoring	8	M/s Oasis Medical Systems	Bililed Sphere 360	Novos Medical	\$ 10,150 (Rs 1,121,575)	Rs 1,200,000	Lowest & Best Evaluated
5	Suction Machine (Heavy Duty)	8	M/s Oasis Medical Systems	Hospivac 350	CA MI	€ 1,250 (Rs 164,962)	Rs 175,000	Same Bid Price

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S. No.	Item Description	Qty	Bidder	Model	Make	C&F	DDP	Remarks
			M/s BIOS		Hersill	€ 1,250 (Rs 164,962)	Rs 198,000	Same Bid Price
6	Phototherapy Unit	16	M/s Medequips SMC	BILI-THERAPY	Atom	¥ 595,000 (Rs.582,505)	Rs 685,000	1st Lowest
			M/s Medical Equipment Supply	520	CobamsSrl	€ 5,000 (Rs 659,850)	Rs 750,000	2nd Lowest
7	Crash Trolley with Defibrillator	4	M/s BIOS	Emergency45751 Reanibex 800 Optional Internal Paddle Adult Internal Paddle Paed	Gima Bexen Cardio	€ 8,750 (Rs 1,154,738) <u>Optional</u> € 1,589 (Rs.209,700) € 1,550 (Rs 204,553)	Rs 1,295,000	
			M/s Medequips SMC	KY-40QR Cardiolife TEC-5621K Optional Internal Paddle Adult Internal Paddle Paed	Paramount Bed Nihon Kohden	\$ 11,550 (Rs 1,276,275) Optional \$ 2,300 (Rs 254,150) \$ 2,000 (Rs 221,000)	Rs 1,370,000 Optional Rs 280,000 Rs 250,000	
8	Nebulizer (Heavy Duty)	8	M/s LS Enterprises	LFN-010	For Life	NQ	Rs 52,000	Lowest & Best Evaluated
9	ECG Machine (Three Channel)	4	M/s BIOS	MT Plus	BTL Industries	€ 1,790 (Rs.236,226)	Rs 288,000	Lowest & Best Evaluated
10	X-Ray System 500MA	4	M/s BIOS		Stephanix	€ 29,900 (Rs 3,945,903)	Rs 4,450,000	1st Lowest
			M/s Allmed Solutions	Radnext 32	Hitachi	\$ 55,000 (Rs 6,077,500)	Rs 6,450,000	2nd Lowest
			M/s Medequips SMC	Radrex MRAD A32S	Toshiba	\$ 60,000 (Rs 6,630,000)	Rs 7,300,000	3rd Lowest
			M/s Medical Equipment Supply	Riviera	Primax	€ 57,000 (Rs.7,722,290)	Rs 8,200,000	4th Lowest

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S. No.	Item Description	Qty	Bidder	Model	Make	C&F	DDP	Remarks
11	Digital Color Doppler	2	M/s Medequips SMC	Xario 100 Platinum Optional 4D Convex Probe 4D Volume Endo Cavity Probe 4D Endo Cavity Probe Elastography Dynamic Flow Imaging	Toshiba	\$ 47,000 (Rs 5,193,500) Optional \$ 12,000 (Rs 1,326,000) \$ 14,000 (Rs 1,547,000) \$ 6,000 (Rs 663,000) \$ 3,000 (Rs 331,500) \$ 2,000 (Rs 221,000)	Rs 5,620,000 Optional Rs 140,000 Rs 1,650,000 Rs 700,000 Rs 400,000 Rs 235,000	1st Lowest
			M/s Medical Equipment Supply	Sonimage HS-1 Optional 4D Convex Probe 4D Endo Probe Endo Cavity Probe	Konica Minolta	\$ 70,000 (Rs 7,735,000) Optional \$ 15,000 (Rs 1,657,500) \$ 17,000 (Rs 1,878,500) \$ 7,000 (Rs 773,500) \$ 2,990 (Rs 330,395)	Rs 8,500,000 Optional Rs 1,800,000 Rs 2,200,000 Rs 800,000 Rs 399,000	2nd Lowest
12	Multiparameter Monitor for Peads and Neonate	2	M/s BIOS	Omni III	Infinium Medical	\$2,990 (Rs 330,395)	Rs 399,000	Lowest & Best Evaluated
13	Light Source	1	M/s Allmed Solutions	LED Nova 150	Karl Storz	€ 1,750 (Rs.230,947)	Rs 245,000	1st Lowest
			M/s Endo Kare	CLLV-I	Olympus	NQ	Rs 425,000	2nd Lowest
14	LCD Monitor	1	M/s Allmed Solutions	9826NB	Karl Storz	€ 6,948 (Rs,916,927)	Rs 972,720	1st Lowest
	,		M/s Endo Kare	OEV-262H	Olympus	NQ	Rs 1,300,000	2nd Lowest

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S. No.	Item Description	Qty	Bidder	Model	Make	C&F	DDP	Remarks
15	Endoscopy Lens -30	1	M/s Allmed Solutions	Hopkins	Karl Storz	€ 2,748 (Rs.362,653)	Rs 384,720	Lowest & Best Evaluated

		I .			
Exchange Rate:	\$: US Dollar 1= 110.5 PKR	€: Euro 1= 131.97 PKR	£ : British Pound I= 148.72 PKR	CHF; Swiss Franc 1= 112,90 PKR	¥ : Japanese Yen 1= 0.979 PKR

Dr. Naeem Zia Memon

Addl. Medical Superintendent Liaquat University Hospital Hyderabad / Jamshoro

(Chairman)

Dr. Yasmeen Memon

Chairperson Paeds Department LUMHS, Jamshoro (Member) Dr. Anjum Rehman

Deputy Medical Superintendent Liaquat University Hospital

Hyderabad (Member)

MEETING MINUTES OF THE PROCUREMENT COMMITTEE

Meeting of the Procurement Committee (PC) of Liaquat University Hospital Hyderabad / Jamshoro was held on 13.02.2018 at 1:30pm at the Conference Hall. Dr. Naeem Zia Memon chaired the meeting. The financial bids were opened after finalization of technical bids by the procurement committee for Purchase of Machinery / Equipment under SNE (New) 2017-18 for PAEDS Department. Technical bids of Tender Enquiry No. 28/2017-18 were opened on 06-01-2018 and subsequently approved by the Procurement Committee for procurement of required items.

The following members attended the meeting:

No.	Name	Department	Designation
1.	Dr. Naeem Zia Memon	Addl. Medical Superintendent Liaquat University Hospital Hyderabad	Chairman
2.	Dr. Yasmin Memon	Chairperson Paediatric Department LUMHS, Jamshoro	Member
3.	Dr. Anjum Rehman	Deputy Medical Superintendent Liaquat University Hospital Hyderabad	Member

Initiating the discussions, this office presented the evaluated technical data sheets of bidders for perusal of the Procurement Committee (Copy of the Technical Evaluation Report enclosed.)

The financial bids of the eligible and qualified firms were as under:

- 1) M/s I.S Enterprises
- 2) M/s Allmed Solutions
- 3) M/s Medequips SMC
- 4) M/s Medical Equipment Supply
- 5) M/s BIOS
- 6) M/s Oasis Medical Systems
- 7) M/s Endo-Kare
- 8) M/s Khalid Corporation

S. No.	Bidder Name	Offered Bid Sum Value	Bid Security
1	M/s I.S Enterprises	Rs 1,530,000/-	No. 04285228 Dated: 06-01-2018 Bank AL Habib Limited, Hyderabad No. 04285229 Dated: 06-01-2018 Bank AL Habib Limited, Hyderabad
2	M/s Allmed Solutions	Rs27,402,440/-	No. 03991433 Dated: 02-01-2018 Meezan Bank Limited, Karachi No. 110/2018 Dated: 04-01-2018 Bank of Khyber, Karachi

S. No.	Bidder Name	Offered Bid Sum Value	Bid Security
3	M/s Medequips SMC	Rs105,990,000/-	No. 01478544 Dated: 29-12-2017 Habib Metropolitan Bank Limited, Karachi
4	M/s Medical Equipment Supply	Rs120,200,000/-	No. 14092149 Dated: 05-01-2018 Allied Bank Limited, Karachi
5	M/s BIOS	Rs 62,155,000/-	No. 50617182 Dated: 05-01-2018 Summit Bank, Karachi
6	M/s Oasis Medical Systems	Rs14,680,000/-	No. 02398223 Dated: 05-01-2018 Soneri Bank Limited, Karachi
7	M/s Endo-Kare	Rs 1,725,000/-	No. 5361630 Dated: 05-01-2018 Faysal Bank Limited, Karachi
8	M/s Khalid Corporation	Rs 10.133,572/-	No. 11949881 Dated: 05-01-2018 Allied Bank Limited, Karachi

Tender No

: 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

: 01

Name of Item

Defibrillator with Neonatal / Paeds Paddles Biphasic

Bidder	M/s Khalid Corporation	M/s Medequips SMC	M/s BIOS
Model	Cardio-Aid 360B	Cardiolife TEC-5621K	Reanibex 800
Make	Innomed	Nihon Kohden	Bexen Cardio

The offers of M/s Khalid Corporation, M/s Medequips SMC and M/s BIOSmeet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Khalid Corporation offered the rates of € 4,961/- each on C&F and Rs 698,786/- each on DDP basis for the said item.M/s Medequips SMC offered the rates of \$ 7,900/- each on C&F and Rs 935,000/- each on DDP basis for the said item.M/s BIOSoffered the rates of € 6,909/- each on C&F and Rs 975,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Khalid Corporation on C&F basis.

Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

02

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Name of Item

Infant Incubator

Bidder	M/s Medequips SMC	M/s Medical Equipment Supply
Model	Air Incu I	Cristina
Make	Atom	Cobams

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The offers of M/s Medequips SMC and M/s Medical Equipment Supply meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Medequips SMC offered the rates of ¥ 1,325,000/- each on C&F and Rs 1,400,000/- each on DDP basis for the said item.M/s Medical Equipment Supply offered the rates of € 11,000/- each on C&F and Rs 1,600,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Medequips SMC on C&F basis.

Tender No : 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No : 03

Name of Item : Infant Warmer

Bidder	M/s Medequips SMC	M/s Medical Equipment Supply
Model	Sunflower	Leri 2000
Make	Atom	Cobams

The offers of M/s Medequips SMC and M/s Medical Equipment Supply meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Medequips SMC offered the rates of ¥ 1,450,000/- each on C&F and Rs 1,535,000/- each on DDP basis for the said item.M/s Medical Equipment Supply offered the rates of € 17,000/- each on C&F and Rs 1,700,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Medequips SMC on C&F basis.

Tender No : 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No : 04

Name of Item : Multidirectional LED Phototherapy Light with continuous skin

temperature monitoring

Bidder	M/s Oasis Medical Systems
Model	Bililed Sphere 360
Make	Novos Medical

The offer of M/s Oasis Medical Systems meets all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Oasis Medical Systems offered the rates of \$ 10,150/- each on C&F and Rs 1,200,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Oasis Medical Systems on C&F basis.

Tender No : 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No -: 04

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Name of Item

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Suction Machine (Heavy Duty)

Bidder	M/s Oasis Medical Systems	M/s BIOS
Model	Hospivac 350	
Make	CA MI	Hersill

The offers of M/s Oasis Medical Systems and M/s BIOS meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Oasis Medical Systems offered the rates of \in 1,250/- each on C&F and Rs 175,000/- each on DDP basis for the said item. M/s BIOS offered the rates of \in 1,250/- each on C&F and Rs 198,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Oasis Medical Systems on C&F basis.

Tender No

: 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

06

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Name of Item

Phototherapy Unit

Bidder	M/s Medequips SMC	M/s Medical Equipment Supply
Model	BILI-THERAPY	520
Make	Atom	CobamsSrl

The offers of M/s Medequips SMC and M/s Medical Equipment Supply meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Medequips SMC offered the rates of ¥ 595,000/- each on C&F and Rs 685,000/- each on DDP basis for the said item. M/s Medical Equipment Supply offered the rates of € 5,000/- each on C&F and Rs 750,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Medequips SMC on C&F basis.

Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

:

Name of Item

Crash Trolley with Defibrillator

Bidder	M/s BIOS	M/s Medequips SMC
Model	Emergency45751 Reanibex 800	KY-40QR Cardiolife TEC-5621K
Make	Gima Bexen Cardio	Paramount Bed Nihon Kohden

The offers of M/s BIOS and M/s Medequips SMCmeet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s BIOS offered the rates of € 8.750/- each on C&F and Rs 1.295,000/- each on DDP basis for the said item. M/s Medequips SMC offered the rates of \$ 11.550/- each on C&F and Rs 1.370,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s BIOS on C&F basis.

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Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

9

Name of Item

Nebulizer (Heavy Duty)

Bidder	M/s I.S Enterprises	
Model	LFN-010	
Make	For Life	

The offer of M/s I.S Enterprises meets all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s LS Enterprises offered the rates of Rs 52,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s LS Enterprises on DDP basis.

Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

09

Name of Item

ECG Machine (Three Channel)

Bidder	M/s BIOS
Model	MT Plus
Make	BTL Industries

The offer of M/s BIOS meets all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s BIOS offered the rates of € 1,790/- each on C&F and Rs 288.000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s BIOS on C&F basis.

Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

10

SLOW

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Name of Item

X-Ray System 500MA

Bidde	M/s BIOS	M/s Allmed Solutions	M/s Medequips SMC	M/s Medical Equipment Supply
Mode		Radnext 32	Radrex MRAD A32S	Riviera
Make	Stephanix	Hitachi	Toshiba	Primax

The offers of M/s BIOS, M/s Allmed Solutions, M/s Medequips SMC and M/s Medical Equipment Supply meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s BIOS offered the rates of € 29,900/- each on C&F and Rs 4,450,000/- each on DDP basis for the said item.M/s Allmed Solutions offered the rates of \$ 55,000/- each on C&F and Rs 6,450,000/- each on DDP basis for the said item.M/s Medequips SMC offered the rates of \$ 60,000/- each on C&F and Rs 7,300,000/- each on DDP basis for the said item.M/s Medical Equipment Supply offered the rates of € 57,000/- each on C&F and Rs 8,200,000/- each on DDP basis for the said item.

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The Procurement Committee approved and accepted the offer of M/s BIOS on C&F basis.

Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

11

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Name of Item

Digital Color Doppler

Bidder	M/s Medequips SMC	M/s Medical Equipment Supply
Model	Xario 100 Platinum	Sonimage HS-1
Make	Toshiba	Konica Minolta

The offers of M/s Medequips SMC and M/s Medical Equipment Supply meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Medequips SMC offered the rates of \$ 47,000/- each on C&F and Rs 5,620,000/- each on DDP basis for the said item. M/s Medical Equipment Supply offered the rates of \$ 70,000/- each on C&F and Rs 8,500,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Medequips SMC on C&F basis.

Tender No

: 28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

12

Name of Item

Multiparameter Monitor for Peads and Neonate

Bidder	M/s BIOS	
Model	Omni III	
Make	Infinium Medical	

The offer of M/s BIOS meets all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s BIOS offered the rates of \$ 2,990/- each on C&F and Rs399,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s BIOS on C&F basis.

Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

(Low

Name of Item

Light Source

Bidder	M/s Allmed Solutions	M/s Endo Kare	
Model	LED Nova 150	CLLV-I	
Make	Karl Storz	Olympus	

The offers of M/s Allmed Solutions and M/s Endo Kare meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Allmed Solutions offered the rates of € 1,750/- each on C&F and Rs 245,000/- each on DDP basis for the said item.M/s Endo Kare offered the rates of Rs425,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Allmed Solutions on C&F basis.

Page 12 of 13

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Tender No

28/2017-18

14

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

.

Name of Item

LCD Monitor

Bidder M/s Allmed Solutions		M/s Endo Kare
Model	9826NB	OEV-262H
Make	Karl Storz	Olympus

The offers of M/s Allmed Solutions and M/s Endo Kare meet all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Allmed Solutions offered the rates of € 6,948/- each on C&F and Rs 972,720/- each on DDP basis for the said item. M/s Endo Kare offered the rates of Rs1,300,000/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Allmed Solutions on C&F basis.

Tender No

28/2017-18

Purchase of Machinery / Equipment under SNE (New) 2017-18 for

PAEDS Department

Item No

1

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Name of Item

Endoscopy Lens -30

Bidder	M/s Allmed Solutions
Model	Hopkins
Make	Karl Storz

The offer of M/s Allmed Solutions meets all the required specification and quality as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/s Allmed Solutions offered the rates of € 2,748/- each on C&F and Rs 384,720/- each on DDP basis for the said item.

The Procurement Committee approved and accepted the offer of M/s Allmed Solutions on C&F basis.

The meeting ended with vote of thanks from the chair.

(Chairman)

Dr. Naeem Zia Memon

Addl: Medical Superintendent (Gen)

Liaquat University Hospital

Hyderabad

(Member)

Dr. Yasmin Memon

Chairperson of Paediatric Department

LUMHS

Jamshoro

Dr. Anjum Rehman

Addl: Medical Superintendent

Liaquat University Hospital

SPPRA S.No:35749 SPPRA 1.D 2147483647

CERTIFICATE

The rate of items quoted by single firm in the tender are as per Market Rate / Price.

(Dr.Anjum Rathman)

Addl: Medical Superintendent Liaquat University Hospital, Hyd Member Procurement Committee (Dr. Yasmeen Memon)
Chairperson Paediatric Department

LUM&HS, Jamshoro Member Procurement Committee

(Dr.Naeem Zia Memon)

Addl: Medical Superintendent (General) Liaquat University Hospital, Hyderabad Chairman Procurement Committee

SAY NO TO CORRUPTION





No:LUH/Gen-Br/-12 794

Office of the
Medical Superintendent
Liaquat University Hospital
Hyderabad / Jamshoro
Dated:-20/03 / 2018

To.

The Managing Director,

Sindh Public Procurement Regulatory Authority,

Government of Sindh,

Karachi.

SUBJECT:-

NIT No:LUH/GEN-BR/-44519/21 DATED 16.12.2017(S.No:35749

Reference:-

Your letter No:AD(ASMT)/SPPRA/-35749/2017-18/4002 Dated 05.01.2018

The requisite information on the subject noted above in respect of this hospital as under as desired.

S.No:	Observation	Reply
1	Technical evaluation is based on various documentary evidence of the firms which is the part of "Eligibility Criteria" of firms instead of Technical Evaluation;	Contrary to the observation that technical evaluation is based on various document evidences, this has been part of eligibility criteria. Please observe that 76 out of 100 marks are to evaluation product quality, performance and after sales service
2	Besides some certification / registration has been asked in the eligibility criteria, on the other hand assigned marks on the same in evaluation criteria. Assigning marks to mandatory requirement is not valid.	Mandatory registration such as NTN & GST have designated 2 out of 100 marks have minor weightage but awarding bidder to encourage compliance with national tax duties. However, certifications such as ISO 9001 are only to award quality management of bidder and are not part of mandatory documents.
3	Qualifying marks from each sub- criteria is not mentioned in the evaluation criteria	Only marks attained by a bidder in each sub-criterion applicable on it offer in stated. For example, in 'Conformity to the Technical Specifications' a bidder with either get 20 or 15 marks so only attained marks are mentioned

SPPRA INWARD DIARY NO: 100 - 1 Medical Superintendent
Liaquat University Hospital
Hyderabad / Jamshoro