



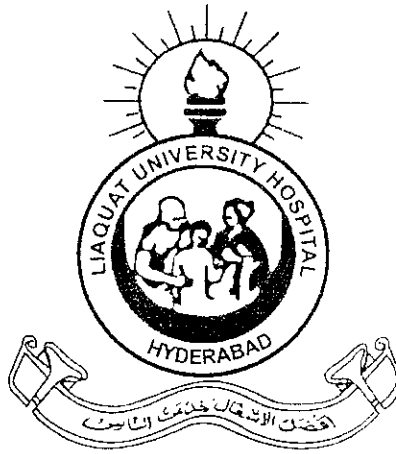
**MINUTES OF MEETING, BID EVALUATION REPORT AND  
COMPARATIVE STATEMENTS FOR  
PURCHASE OF MACHINERY / EQUIPMENT  
THALLIUM SCANNER & ASSOCIATED ITEMS  
LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD**

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**FOR THE FINANCIAL YEAR 21/2017-18**

**TENDER OPENED ON 09.12.2017**

**LIAQUAT UNIVERSITY HOSPITAL  
HYDERABAD/AMSHORO**



**LIAQUAT UNIVERSITY HOSPITAL  
HYDERABAD / JAMSHORO**

**BID  
EVALUATION REPORT**

**PURCHASE OF MACHINERY / EQUIPMENT FOR  
FINANCIAL YEAR 2017-18**

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

05201

**TENDER INQUIRY NO.21/2017-18**

**OPENED ON 09.12.2017**



**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;

- |   |                 |
|---|-----------------|
| 1. Additional Medical Superintendent (General),<br>Liaquat University Hospital, Hyderabad.  | <b>Chairman</b> |
| 2. Additional Medical Superintendent (Technical)<br>Liaquat University Hospital, Hyderabad.   | <b>Member</b>   |
| 3. Professor / Associate Professor / Assistant<br>Professor / Expert / Technical Person of Relevant field,<br>Liaquat University of Medical & Health Sciences (LUM&HS)<br>Jamshoro. | <b>Member</b>   |

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**

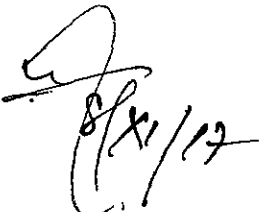
NO.HD (P&E) 1-2 (61) / 2017

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)**



*C. 8/11/17*

*Gen. Sec.*

*1.5/17*



NO.HD(P&E) 3-2 (427)/2014  
GOVERNMENT OF SINDH  
HEALTH DEPARTMENT  
(Procurement, Monitoring and Inspection Cell)  
Karachi dated the 10<sup>th</sup> 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 re-constituted as under to resolve complaints of aggrieved bidders:

- |   |  |                  |
|---|--|------------------|
| 1. Special Secretary,<br>Health Department.   | 1914 25-4-17<br>Forward No. _____<br>Date _____<br>I.A.M., Hyderabad | Chairman         |
| 2. Representative from Accountant General Sindh,  |  | Member           |
| 3. Independent expert from relevant field concerning<br>(to be nominated by the Head of Procuring Agency) |  | Member           |
| 4. 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

No.HD(P&E)3-2(427)/2014.

Karachi dated the 10<sup>th</sup> APRIL, 2017

1. The D.G.Health Services, Sindh, Hyderabad.
2. The District Health Officers (All)
3. Medical Superintendents (All) Liaquat University Hyderabad
4. All the Member of the Committee.
5. The PS to Secretary Health Department, Govt. of Sindh, Karachi.
6. Office order file.

SECTION OFFICER (PM&I)

*Handwritten signatures and initials:*  
D.A.M.  
Jy  
24/4

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

S.No:	Description of Procurement	Qty	Estimated Total cost	Funds Allocated	Source of funds (ADP / Non ADP)	Proposed Procurement method	Timing of Procurement				Remarks	
							1st Qtr	2nd Qtr	3rd Qtr	4th Qtr		
1	Drugs / Medicines & Surgical Items (L.P)		87.75 M	87.75 M	Non ADP	Single Stage Two Envelope	In all quarters as per Requirement					
2	Dietary Items.		40.95 M	40.95 M	do	do						
3	Uniform & Liveries		3.33 M	3.33 M	do	do						
4	Misc / Petty / Electric Items.		4.389 M	4.389 M	do	do						
5	Medical Gases		29.23 M	29.23 M	do	do						
6	Janitorial Services & Items.		9.45 M	9.45 M	do	do						
7	Printing Articles.		1.016 M	1.016 M	do	do						
8	Stationary Articles		0.604 M	0.604 M	do	do						
9	Instruments		35.464 M	35.464 M	do	do						
10	Consumable Items / Pathology Kits & Chemicals.		12.183 M	12.183 M	do	do						
11	Deployment of Security Guards		13.2 M	13.2 M	do	do						
12	Repair of Machinery / Equipment		37.077 M	37.077 M	do	do						
13	Repair of Furniture / Fixture.		2.04 M	2.04 M	do	do						
14	Drugs/Medicine under Zakat fund (Bulk)		42.0 M	42.0 M	do	do						
15	Drugs/Medicine under Zakat fund (LP)		28.0 M	28.0 M	do	do						
16	Repair of Transport		4.692 M	4.692 M	do	do						
17	<b>Machinery Equipment under SNE</b>		374.14 M	374.14 M	do	do						
I	Purchase of C.T Scan Machine		70.0 M		do	do						
II	Purchase of Dialysis Machine		6.00 M		do	do						
III	Purchase of Lithotripsy Machine		70.0 M		do	do						
IV	Purchase of M.R.I Machine		125.0 M		do	do						
V	Purchase of Laundry Machine		4.00 M		do	do						
18	Purchase of Machinery / Equipment for Paeds		99.140 M		do	do						
19	Purchase of Machinery from Welfare fund		5.00 M	5.00 M	do	do						
20	Furniture / Fixture under SNE		58.925 M	58.925 M	do	do						
21	Purchase of Transport		39.0 M	39.0 M	do	do						
22	Purchase of Machinery /Equipment under various ADP/Non ADP Scheme & Rescue Center.		400.00 M		ADP	do						

List Enclosed

Medical Superintendent  
Liaquat University Hospital  
Hyderabad / Jamshoro



# SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY GOVERNMENT OF SINDH

HOME\_SPPRA\_PUBLIC PROCUREMENT NEWS\_SEND QUERY\_SPPACT\_2009\_SPPRULES\_NOTIFICATIONS\_TRAININGS\_POLICY LETTERS  
Search Tenders List

Serial No.	SPPRA ID	Department	Advertisemen t Date	Closing Date	Upload Date	City	Notice Date	BERs	CER Date
35291									

Records per page: 50 Columns: CSV Export, Export, Export Filter

35291	214748364	Liaquat University of Medical & Health Sciences	2017-11-17 00:00:00	2017-12-09 23:59:59	17-11-2017	JAMSHOR			
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Showing records 1—1 of 1

## **TENDER NOTICE**

- 1) According SPPRA Rules 2010 (Amendment-2017) sealed tender on prescribed proforma are hereby invited from well reputed firms, interested Agent / Sole Agent/ Foreign Companies Distributors in Pakistan for the following items for Liaquat University Hospital, Hyderabad/Jamshoro for the financial year 2017-18. The last date for submission of tender documents is 09<sup>th</sup> December, 2017 upto 11.00 A.M and will be opened on same day at 12.00 Noon in the presence of participants.

2)

Tender Enquiry No.	21/2017-18
	Purchase of Machinery / Equipment Thallium Scanner / Dual Head Spect Gamma Camera for Liaquat University Hospital, Hyderabad.
Bidding Procedure	Single Stage Two Envelop
Bid Security	2.5% of the total bid value
Bid Validity	90 days
Tender Fee	Rs.2,000/- each (non-refundable)
Issuance of Tender Documents	20-11-2017 to 08-12-2017 @ LUH, Hyderabad.
Submission of Tender	09-12-2017 at 11:30 AM @ LUH, Hyderabad.
Opening of Tender	09-12-2017 at 12:00 Noon @ LUH, Hyderabad.

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

Ph: 022-9210207, Fax: 022-9210208

**Medical Superintendent  
Liaquat University Hospital  
Hyderabad**



# روزانہ ویر تائمز

حیدرآباد

Ph:022-3411343

Email: dailyveertimeshyd@gmail.com

جلد (08) چنبر 18 نومبر 2017ء بمطابق 28 صفر المظفر 1439ھ (شمارو 193) قیمت: 5 روپيا

### ٽيندر نوٽيس

1. آيس پي پي آر اي روزانہ 2010 (نومبر 2013) مطابق مالي سال 18 - 2017ء لياقت يونيورسٽي اسپتال حيدرآباد/جامشورو لاءِ هيٺين ايسن لاءِ پاڪستان ۾ سٺي ساڪرڪنڊز فرمن بلجيسي رڪنڊز ايجنٽ/سول ايجنٽ/پروٽيڪٽي ڪمپنيز، ڊسٽريٽيوٽرز کان مهيند ٽيندر گهراڻي ٿا. ٽيندر امتحان جي آخري تاريخ 09 نومبر 2017ء تي صبح 11:30 وڳي تائين آهي. ساڳي ڏينهن تي 12 وڳي منجهند جو شرڪت ڪندڙن جي موجودگي ۾ ڪوليا ويندا. 3. گهرجن جي شيڊيول، ٽيڪنيڪل وضاحت سان شرطن ۽ ضابطن تي ٻڌل ٿيندي.

21 - 18 2017

ٽيندر انڪرائي نوٽيس

ميشنري/الڪيٽريونٽ جي خريداري	ڊالر اسڪينر/ڊيول هيڊ اسپيڪٽ گاما ڪيمرا فار لياقت يونيورسٽي اسپتال حيدرآباد
واڪ عمل طريقيڪار	منگل اسٽيج ٽرائيبل
واڪ سيڪورٽي	واڪ جي جملي رقم 2.5 سيڪڙو
واڪ جو ڪم ڪرڻ	90 ڏينهن
ٽيندر في	2000 روپيا هر هڪ (ناقابل واپسي)
ٽيندر ڪاغذن جو اجراء	2017.11.20 کان 2017.12.12 تائين ايل يو ايج حيدرآباد
ٽيندر جمع ڪرائڻ	2017.12.09 تي 11:30 وڳي منجهند جو ايل يو ايج حيدرآباد
ٽيندر جو ڪرائڻ	2017.12.09 تي 12 وڳي منجهند جو ايل يو ايج حيدرآباد

ڪاغذن جو مڪمل سيٽ 2000 روپيا في هر هڪ ناقابل واپسي تي هيٺ صحيح ڪندڙ لياقت يونيورسٽي اسپتال (ايل يو ايج) حيدرآباد جي آفيس مان خريد ڪري سگهجن ٿا.

4. ميڊيڪل سپرنٽينڊنٽ ايل يو ايج حيدرآباد/جامشورو آيس پي پي آر اي روزانہ مطابق شيڊيول جي ڪنهن ائٽر جي تعميل ڪي وڌائڻ يا گهٽائڻ جو حق محفوظ رکي ٿو جيئن ۽ جڏهن به ان جي ضرورت مخصوص ڪئي وئي، پروڪيورنگ ايجنسي پي پي آر اي روزانہ جي لاڳاپيل تشريحات جي شرط سان سمورا يا ڪو به واڪ روڪي سگهي ٿي.

5. ٽيندر ڪاغذ آيس پي پي آر اي ويب سائيٽ تان ڏاڻوڻ لاءِ ڪري سگهجن ٿا.

6. واڪ سان سمورا سرڪاري ٽيڪس شامل هوندا جيڪڏهن لاڳو هوندا.

7. سرڪاري قانونن پٽائڻ بلن مان ڪوتاهي ڪئي ويندي.

8. واڪ ڏيندڙن پاران جائز ائٽمز جي جملي واڪ رقم جو 2 سيڪڙو تي واڪ سيڪورٽي پي آر اي/ڊمانڊ ٽرائٽ ڪانٽريڪٽ رقم جو 5 سيڪڙو پرفارمنس گيٽيڊ ٿيڻ جي صورت ۾ بحق ميڊيڪل سپرنٽينڊنٽ لياقت يونيورسٽي اسپتال حيدرآباد/جامشورو هٿن گهرجي.

9. ٽيندر نوٽيس ۽ ٽيندر ڪاغذن ۾ فرق جي صورت ۾ ٽيندر ڪاغذن کي اهميت ڏيندي ويندي.

10. عام موڪل جو اعلان يا ناخوشگوار حالتن جي صورت ۾ واڪ ورنڊز ڪر ڪا واري ڏينهن تي ڏنل شيڊيول موجب امتيا ۽ ڪوليا ويندا.

11. پڇا ڳچا هيٺين نمبرن تي يا پاڻ مرادو آفيس وقت دوران ايل يو ايج حيدرآباد ۾ آفيس وقت دوران ڪري سگهي ٿي.

فون نمبر: 022-9210207

فيڪس: 022-9210208

ميڊيڪل سپرنٽينڊنٽ لياقت

يونيورسٽي اسپتال حيدرآباد





فون: 022-9210207 کراچی کی حالت کریس فیکس: 022-9210208

### تعارف

1۔ SPPRA روز 2010 (ترمیم شدہ 2017) کے تحت متروکہ پر فارم پر نامور فرس، خواہشمند اجینٹ اسول ایجنٹ پاکستان میں فارم لینڈ کے ڈسٹریبیوٹرز سے لیاقت پونڈرٹی ہسپتال، حیدرآباد، اچھا مشورہ کے لئے ہمارے مابقی سال 2017-18 مندرجہ ذیل اشیاء کے لئے سرپرہرٹینڈر مطلوب ہیں۔ ٹینڈر دستاویزات جمع کرانے کی آخری تاریخ 09 دسمبر، 2017 صبح 11:30 بجے تک ہے اور اس دن دوپہر 12 بجے شراہ کی موجودگی میں کھولے جائیں گے۔

(2)

21/2017-18	ٹینڈر نمبر
خریداری برائے مشینری / آلات	
تعمیراتی کیمپ کے لئے ڈیزل پمپ گاہکوں کے لئے لیاقت پونڈرٹی ہسپتال، حیدرآباد۔	
بولی کارڈائی کا طریقہ کار	منسلک اسٹیٹ ڈولفانے
بولی سکورٹی	کل بولی لاگت کا 2.5 فیصد
بولی کی مدت	90 دن
ٹینڈر فیس	2,000/- روپے (دو ہزار روپے) (قابل واپسی)
ٹینڈر دستاویزات کا آراء	20-11-2017 تا 08-12-2017 تاریخ ایل پوچھ، حیدرآباد۔
ٹینڈر رینج کرانا	09-12-2017 صبح 11:30 بجے تاریخ ایل پوچھ، حیدرآباد۔
ٹینڈر کھولا جانا	09-12-2017 دوپہر 12:00 بجے تاریخ ایل پوچھ، حیدرآباد۔

3۔ ضروریات کے شیڈول، ٹیکنیکل کوائف، معیشرانہ و ضوابط پر مشتمل ٹینڈر دستاویزات کا مکمل سیٹ قابل واپسی فیس - 2,000/- روپے کی نقد ادائیگی پر ذمہ داری لیاقت پونڈرٹی ہسپتال (ایل پوچھ)، حیدرآباد کے دفتر سے خریدے جاسکتے ہیں۔

4۔ میڈیکل پریسٹنڈنٹ ایل پوچھ، حیدرآباد / جام شورو SPPRA روز کے تحت ضرورت کے مطابق شیڈول کی کسی بھی اشیاء کی تعداد کو بڑھانے یا کم کرنے کا حق محفوظ رکھتا ہے۔ پروکیرنگ ایجنسی SPPRA روز کے حلقہ قوانین کے تحت تمام یا کسی بھی پیشکش کو مسترد کر سکتی ہے۔

5۔ ٹینڈر دستاویزات SPPRA کی ویب سائٹ سے ڈاؤن لوڈ کئے جاسکتے ہیں۔

6۔ پیشکش بشمول تمام ضابطہ کی کاپیوں (اگر لاکھوں)۔

7۔ بلوں میں سے کوئی سرکاری قوانین کے مطابق کی جائے گی۔

8۔ کوٹ کی گئی اشیاء کی کل لاگت کی 2.5 کی شرح پر بولی سکورٹی پیشکش اور ہنگام کی جانب سے بصورت پے آرڈر / ڈیپازٹ ڈرافٹ تمام میڈیکل پریسٹنڈنٹ لیاقت پونڈرٹی ہسپتال حیدرآباد / جام شورو جمع کرانی ہوگی جبکہ ٹینڈر لاگت 5 فیصد پر فارمز سکورٹی ٹیکس سے SPPRA روز کے تحت وصول کی جائے گی۔

9۔ ٹینڈر نوٹس اور ٹینڈر دستاویزات کے درمیان فرق ہونے کی صورت میں ٹینڈر دستاویزات کو ترجیح دی جائے گی۔

10۔ عوامی پیشگی کے اعلان یا حالات ناسازگار ہونے کی صورت میں، پیشکشیں دئے گئے شیڈول کے مطابق آئندہ کام والے دن سکولی جائیں گی۔

11۔ لاکھڑیاں مندرجہ ذیل پتے پر ارسال یا بذات خود دفتر کی ادقات کار کے دوران ایل پوچھ پر دی جاسکتی ہیں۔

فون: 022-9210207

فیکس: 022-9210208

SAY NOT TO CORRUPTION

ٽيندر نوٽيس

1. ايس پي پي آر اي رولز 2010 (ترميمريل 2017) مطابق مالي سال 18-2017 لاءِ لياقت يونيورسٽي اسپتال حيدرآباد/جامشوري لاءِ هيٺين آئٽمز واسطي خواهشمند پاڪستان ۾ پرڏيهي ڪمپني جي ڊسٽرپيوٽرز/ايجنٽ/سول ايجنٽ سٺي ساڪ جي حامل فرمز کان پرسڪرائيمڊ پروفارما تي مهربند ٿيندڙن طلب ڪجن ٿا. ٽيندر دستاويزن جمع ڪرائڻ جي آخري تاريخ 9 ڊسمبر 2017 بوقت صبح 11:30 وڳي آهي. جيڪي ساڳي ڏينهن بوقت 12:00 وڳي شرڪت ڪندڙن جي روزرو ڪوليا ويندا.

ٽيندر انگوائري نمبر	21-2017-18
مشموري/ايڪوئيٽيمينٽ جي خريداري	لياقت يونيورسٽي اسپتال حيدرآباد لاءِ
Thallium Scanner: Dual Head Spect Gamma Camera	
بينڪا پروسيجر	سنگل اسٽيج ٽو انويبل
بڊ سيڪورٽي	واڪ جي ڪل ماليت جي 2.5 سيڪڙو
واڪ جي موٽريت	90 ڏينهن
ٽيندر في	هر هڪ لاءِ 2000 رپيا (ناقابل واپسي)
ٽيندر دستاويزن جو اجرا	2017-11-20 کان 2017-12-08 ايل ايل پراجيڪٽ حيدرآباد
واڪ جمع ٿيندا	2017-12-09 بوقت صبح 11:30 وڳي واقع ايل پراجيڪٽ حيدرآباد
ڪولڻ جي تاريخ	2017-12-09 بوقت منجهند 12:00 وڳي منجهند ايل ايل پراجيڪٽ حيدرآباد

3. گهرجن جي شيڊول ٽيڪنيڪل صراحتن سان گڏ شرطن ۽ ضابطن تي مشتمل ٽيندر دستاويزن جو هڪ سيٽ 2000 رپيا وڪ نافيبل واپسي ادا ڪرڻ تي هيٺ صحيح ڪندڙ جي آفيس واقع لياقت يونيورسٽي اسپتال ايل پراجيڪٽ حيدرآباد مان وٺي سگهجن ٿا.

4. ايس پي پي آر اي رولز جي مطابق ميڊيڪل سپرنٽينڊنٽ ايل پراجيڪٽ حيدرآباد/جامشوري ضرورت مطابق جڏهن ۽ جتي ضرورت محسوس ڪندو شيڊول جي ڪنهن به آئٽم کي گهٽائي ۽ وڌائڻ جو حق محفوظ رکي ٿو ايس پي پي آر اي رولز جي لاڳاپيل شق مطابق پروڪيورنگ ايجنسي ڪنهن به يا سمورن واڪن کي رد ڪري سگهي ٿي.

5. ٽيندر جا دستاويز ايس پي پي آر اي جي ويب سائيٽ تان ڊائون لوڊ ڪري سگهجن ٿا.

6. واڪ سان سمورا سرڪاري ٽيڪس شامل هئڻ گهرجن (لاڳو ٿيڻ جي صورت ۾)

7. سرڪاري قانون مطابق بلن مان ڪوتاهي عمل ۾ آندي ويندي.

8. واڪ ڏيندڙن کي واڪ جي ڪل ڪوٽ ڪيل ماليت جي 2.5 سيڪڙو جي لحاظ سان رقم ميڊيڪل سپرنٽينڊنٽ لياقت يونيورسٽي اسپتال حيدرآباد/جامشوري جي حق ۾ پي آر اي/ڊيمانڊ ڏراقت جي صورت ۾ بڊ سيڪيورٽي طور جڏهن ايس پي پي آر اي رولز مطابق ٽيڪيڊار کان ٽيڪي جي ماليت جي 5 سيڪڙو برابر رقم پرفارمنس سيڪيورٽي طور ورتي ويندي.

9. ٽيندر نوٽيس ۽ ٽيندر دستاويزن وچ ۾ تفاوت جي صورت ۾ ٽيندر دستاويزن کي فوقيت ڏني ويندي.

10. سرڪاري موڪل جي اعلان يا ڪنهن آئوٽرڊڙ صورتحال پيدا ٿيڻ جي صورت ۾ واڪ ايندڙ ڪم واري ڏينهن تي جمع ڪيا ۽ ڪوليا ويندا.

11. ڪنهن معلومات جي صورت ۾ هيٺين نمبرن تي يا آفيس وقت دوران واقع ايل پراجيڪٽ حيدرآباد ۾ ذاتي طور اچي حاصل ڪري سگهجي ٿي.

فون نمبر: 022-9210207  
فيڪس: 022-9210208

صحيح

ميڊيڪل سپرنٽينڊنٽ

No:LUH/Gen-Br/-8074

Office of the  
Medical Superintendent  
Liaquat University Hospital  
Hyderabad / Jamshoro  
Dated:- 19 / 02 / 2018

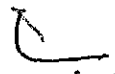
To,

The Secretary,  
Government of Sindh,  
Health Department,  
Karachi.

**SUBJECT:- EXTENSION OF BID VALIDITY PERIOD FOR THE PURCHASE OF THALLIUM SCANNER AND ASSOCIATED ITEMS**

I have the honour to submit that due to delay in technical evaluation of above subjected tender by the technical experts, the bid validity period needs to be extended for further 90 days. The bidders have given consent for extension of the bid validity period.

It is therefore requested that the bid validity period may kindly be extended for further 90 days in accordance with Rule No: 38(2) of SPPRA.

  
19/2  
Medical Superintendent  
Liaquat University Hospital  
Hyderabad / Jamshoro

Copy forwarded for information to:-

1. M/s Siemens Healthcare / M/s Elate cc (Pvt) Ltd, Karachi.

# SIEMENS Healthineers

Siemens Healthcare (Pvt.) Ltd., 4<sup>th</sup> Floor, State Life Building,  
15-A, Sir Agha Khan Road, Lahore 54000, Pakistan.

Name Khurram Iqbal  
Department Healthcare

The Medical Superintendent,  
Liaquat University Hospital,  
Hyderabad, Sindh.

Telephone +92 (21) 35374111-14  
Fax +92(21) 35374115  
Mobile +92 322 2224059  
E-mail iqbal.khurram@siemens.com

Your letter of  
Our reference HC/LUH/FA  
Date February 19, 2018

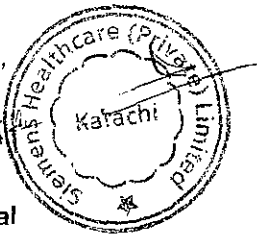

**Subject: Tender for Procurement of Thallium Scanner / Dual Head Gamma Camera for  
Cardiothoracic Surgery Department, Liaquat University Hospital Hyderabad.**

Respected Sir,

This is with reference to the subject tender for the purchase of machinery and equipment for Liaquat University Hospital (LUH).

Based on our discussion and as the gesture of good will, we extend our bid validity for further 90 days w.e.f the formulation of this letter.

Best Regards,



**Khurram Iqbal**  
(Manager Sales)

Siemens Healthcare (Pvt.) Ltd.  
Management: Khurram Jameel

4<sup>th</sup> Floor, State Life Building,  
15-A, Sir Agha Khan Road,  
Lahore 54000, Pakistan.

Tel: +92 42 36361161  
Fax: +92 42 36369631  
www.healthcare.siemens.com

Siemens Healthcare (Pvt.) Ltd.,  
MD & CEO: Khurram Jameel; CFO: Syed Imran Raza  
Company Secretary: Syed Imran Raza  
Co. Reg. CUIN 0096560. Reg. Address: 4<sup>th</sup> Floor, State Life Building,  
15-A, Sir Agha Khan (Davis) Road, Lahore 54000, Pakistan.



**ELATE C.C (Pvt) Ltd.**

**DEALS IN MEDICAL EQUIPMENTS & SURGICAL DISPOSABLES**

Date: 19-02-2018

Addressing to,

**Office of the Medical Superintendent,  
Liaquat University Hospital,  
Hyderabad/Jamshoro.**

**Subject: Bid validity extension for the Purchase of machine/equipment for the financial year 2017-18, Tender Inquiry No.: 21/2017-18 Due on 09-12-2017**

Dear Sir,

Referring to your subject tender and our proposal submitted against the same, we are pleased to extend the validity of our quote for further 90 day from the date of this letter.

In case if you require any further clarification regarding our proposal, please feel free to contact.

Guaranteeing our best services to your esteemed organization at all times.

Thank you &

Yours truly,

**Management Elate C.C (Pvt) Ltd.**



Phone # 99212097, 99212088  
No.SO(PM&I)2017-18/PM-5(LUH)  
**GOVERNMENT OF SINDH**  
**HEALTH DEPARTMENT**  
(PROCUREMENT MONITORING & INSPECTION CELL)  
Karachi, Dated, the 21<sup>st</sup> February, 2018.

To,

The Medical Superintendent,  
Liaquat University Hospital,  
**HYDERABAD.**

Sub: **EXTENTION OF BID VALIDITY PERIOD FOR THE PURCHASE OF THALLIUM SCANNER AND ASSOCIATED ITEM**

I am directed to refer to your letter No. LUH/Gen-BR/8074, dated: 19<sup>th</sup> February, 2018 regarding subject captioned above and to convey the approval of the competent authority for extension of bid validity for further 90 days, subject to the condition that no further extension will be allowed and the process shall be completed as per SPP Rules 2010 (Ammended 2017) and within the extended time period.


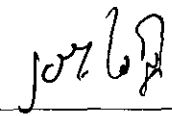

SECTION OFFICER (PM&I)

C.C to:

- The Managing Director, Sindh Public Procurement Authority, Karachi.
- The P.S. to Secretary Health Sindh.

SECTION OFFICER (PM&I)

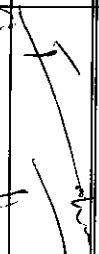
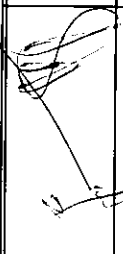
**MEETING OF PROCUREMENT COMMITTEE FOR OPENING OF BIDDING DOCUMENTS FOR MACHINERY / EQUIPMENT (THALLIUM SCANNER & ASSOCIATED ITEMS) FOR THE FINANCIAL YEAR 2017-18 AT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD/ JAMSHORO IN THE COMMITTEE ROOM LUH, HYDERABAD ON 09.12.2017.**

S.NO	NAME & DESIGNATION		SIGNATURE
01	<b>Dr. Naeem Zia Memon</b> Addl: Medical Superintendent (General /Technical), LUH, Hyderabad.	<b>Chairman</b>	
02	<b>Dr. Mir Khuda Bux Talpur</b> Head of Radiology Department LUMHS, Jamshoro	Member	
03	<b>Dr. Anjum Rehman</b> Deputy Medical Superintendent, LUH, Hyderabad.	Member	

Dated:- 09.12.2017


Opening of Tender Documents for Purchase of Machinery / Equipment (Thallium Scanner & Associated Items)  
for the Financial year 2017-18 at Liaquat University Hospital, Hyderabad/Jamshoro

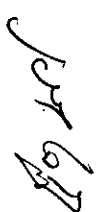
**ATTENDANCE SLIP**

S.No.	Name of Firm	Phone Number	Postal Address	Name of Participant	C.N.I.C No: of participants	Signature
1	M/s Siemens Health Care	0322-2224867	Karachi	Fehm		
2	M/s Elitee PMLD	0321-923586	Karachi	Hysham Beg		



(Dr. Naem Zia Memon )  
Addl: Medical Superintendent (Technical)  
LUH, Hyderabad  
Chairman Procurement Committee

  
(Dr. Anjum Rehman )  
Deputy Medical Superintendent  
LUH, Hyderabad  
Member Procurement Committee

  
(Dr. Mir Khuda Bux Talpur)  
Head of Radiology Department  
LUMHS, Jamshoro  
Member Procurement Committee



## MINUTES OF BID OPENING MEETING

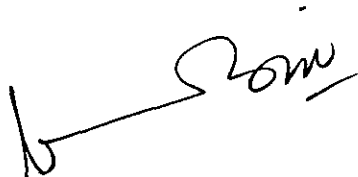
NIT No.	4821 / 17
SPPRA Number	S.No:35291 / 2147483647
Method of Procurement	Single Stage Two Envelope

**Name of Work:** Purchase of Machinery / Equipment for Financial Year 2017-18  
Purchase & Installation of Thallium Scanner & Associated Items at  
Liaquat University Hospital Hyderabad

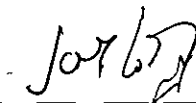
Meeting of the Procurement Committee (PC) was held on Saturday, 09 December 2017 for opening of above mentioned NIT. Meeting was attended by members of the Procurement Committee and the representatives of bidders (attendance sheets are enclosed).

The following companies participated in the bidding process with their respective bids by submission deadline of Saturday 09.12.2017.

- 1) M/s Siemens Healthcare (Pvt.) Ltd.
- 2) M/s Elate cc (Pvt) Ltd.



(Chairman)  
**Dr. Naeem Zia Memon**  
Addl: Medical Superintendent (Gen)  
Liaquat University Hospital  
Hyderabad



(Member)  
**Dr. Mir Khuda Bux Talpur**  
Head of Radiology Department  
LUMHS  
Jamshoro



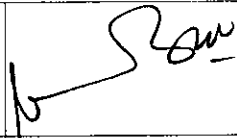


(Member)  
**Dr. Anjum Rehman**  
Addl: Medical Superintendent  
Liaquat University Hospital  
Hyderabad

**PROCUREMENT COMMITTEE  
ATTENDANCE SHEET**

Tender No. 21/2017-18

Name of Work: Purchase of Machinery / Equipment for Financial Year 2017-18  
Purchase & Installation of Thallium Scanner & Associated Items at Liaquat  
University Hospital Hyderabad

The following members of the Procurement Committee (PC) were present on Saturday, 09 December 2017 for opening of above mentioned NIT.

1.	Dr. Naeem Zia Memon	Add: Medical Superintendent (Gen) Liaquat University Hospital Hyderabad	Chairman	
2.	Dr. Mir Khuda Bux Talpur	Head of Radiology Department LUMHS Jamshoro	Member	
3.	Dr. Anjum Rehman	Add: Medical Superintendent (D) Liaquat University Hospital Hyderabad	Member	

**Tender No. 21/2017-18**

Purchase of Machinery / Equipment under for the Financial Year 2017-18

Purchase & Installation of Thallium Scanner & Associated Items at Liaquat University Hospital Hyderabad

Opened on 09.12.2017

**BIDDERS ELIGIBILITY EVALUATION**

S. No.	Document / Requirement	Bidder	
		M/s Siemens Healthcare (Pvt.) Ltd.	M/s Elate CC (Pvt) Ltd
(a)	Tender Purchase Receipt (original)	Yes	Yes
(b)	Bid Security	Yes	Yes
(c)	Bidding Documents	Yes	Yes
(d)	NTN Certificate	Yes	Yes
(e)	Professional Tax Certificate (Sindh)	Yes	Yes
(f)	Affidavit on non-judicial stamp paper of Rs. 100/- that the firms is not black listed in any Govt. Department	Yes	Yes
(g)	Experience in relevant field with documentary proof	Yes	Yes
(h)	Thirty Million Turn over per year with Bank Certificate	Yes	Yes
(i)	Income Tax Return	Yes	Yes
(j)	Company Profile	Yes	Yes
(k)	Authority Letter from Manufacturer	Yes	Yes
(l)	After Sale Services	Yes	Yes
(m)	Delivery Schedule	Yes	Yes
(n)	Undertaking	Yes	Yes
(o)	Certificate	Yes	Yes
REMARKS		Eligible	Eligible

*[Signature]*

*[Signature]*

(Chairman)  
**Dr. Naeem Zia Memon**  
 Addl: Naecm Medical Superintendent (Gen)  
 Liaquat University Hospital  
 Hyderabad

(Member)  
**Dr. Mir Khuda Bux Talpur**  
 Head of Radiology Department  
 LUMHS  
 Jamsoro

(Member)  
**Dr. Anjum Rehman**  
 Addl: Medical Superintendent  
 Liaquat University Hospital  
 Hyderabad

Tender No. 21/2017-18

Purchase of Machinery / Equipment under for the Financial Year 2017-18

Purchase & Installation of Thallium Scanner & Associated Items at Integrated University Hospital Hyderabad

Opened on 09.12.2017

**BIDDERS TECHNICAL EVALUATION**

**Technical Specifications**

S.No.

Section "A

01 **Technical Specifications for Dual Head Spect Gamma Camera**

M/s Siemens  
Healthcare (Pvt.) Ltd.

**General:**

- a) Latest technology Dual Headed variable angle SPECT Gamma Camera system capable of performing all (advanced cardiac applications) planar, dynamic, SPECT, gated cardiac SPECT with whole body imaging applications.
- b) System should have possibility to be upgraded to SPECT CT
- c) Manufacturer to provide a comprehensive list of users of dual head SPECT gamma camera in Pakistan and their performance profile duly certified by respective institution Head.
- d) Number of installations & company profile: Company should preferably be manufacturer of the equipment and in case non-manufacturing vendors (third party supplier) are allowed to participate the same should be mentioned clearly in bid document. In case of third party supplier the liabilities of principal manufacturing company and third party supplier needs to be clearly demarcated and ensured.

Yes

Yes

Yes

Yes

**Gantry:**

- a) Gantry design should be wide open and image acquisition capability with clockwise and anticlockwise movement.
- b) Height, width and depth should be adequate to conveniently locate the gantry in existing space available in the department. In order to access this, tenders are required to mention the dimensions.
- c) Axis of rotation: 104 cm or more
- d) Patient opening for High energy collimator (HE): Max 65 cm and Minimum: 12cm.
- e) Patient opening for low energy high resolution (LEHR) collimators: Max: 70 cm; Minimum: 19 cm.
- f) Auto contouring: The detectors should be equipped with automatic body centering (ABC).
- g) Gantry should have emergency stop buttons.
- h) Persistence scope mounted on the gantry or wall for continuous display of patient position and gantry parameters (with 19" or more LED Color Display from same manufacturer)

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

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<p>j) Max (W/C/W): 405°/180° or better                  k) Rotation precision: 0.1° or better                  l) Rotation speed: 003-3.0 rpm                  m) Centre of rotation (COR): ≤0.25 pixel in 64x64 matrix</p>	<p>Yes                  Yes                  Yes</p>
<p><b>Detectors:</b>                  a) Large field of view (UFOV) to enable adequate patient breadth coverage                  b) Crystal :  <ul style="list-style-type: none"> <li>• Size: 59 x 44cm or more</li> <li>• Diagonal: 73 cm or more</li> <li>• Thickness: According to requirement (16cm or less)</li> </ul>                 c) System should have facility for automatic correction for energy, linearity and uniformity.                  d) <b>Photomultiplier Tubes:</b>  <ul style="list-style-type: none"> <li>• Number of PMTs should be 55 or more per detector with 1 ADC per PMT (True digital detector).</li> <li>• Uniform Hexagonal array with box type dynodes and high overall efficiency and sensitivity</li> </ul>                 e) <b>Shielding Characteristics of Detector:</b>  <ul style="list-style-type: none"> <li>• Back: 9.5 mm or better</li> <li>• Sides: 12.7 mm or better</li> <li>• Patient Direction: Max – 36.4 mm; Min – 27.9 mm.</li> <li>• Edge to edge: Detector housing and FOV – 7.6 mm.</li> </ul> </p>	<p>Yes                  Yes                  Yes</p>
<p>f) <b>Intrinsic Spatial Resolution:</b>  <ul style="list-style-type: none"> <li>• FWHM in CFOV: ≤ 4.5 mm</li> <li>• FWHM in UFOV: ≤ 4.6 mm</li> <li>• FWTM in CFOV: ≤ 8.7 mm</li> <li>• FWTM in UFOV: ≤ 8.9 mm</li> </ul>                 g) <b>Intrinsic Energy Resolution:</b>  <ul style="list-style-type: none"> <li>• FWHM in UFOV: ≤ 9.9%</li> </ul>                 h) <b>Intrinsic Flood Field Uniformity:</b>  <ul style="list-style-type: none"> <li>• Differential (CFOV): ≤ 2.5 %</li> <li>• Differential (UFOV): ≤ 2.7 %</li> <li>• Integral (CFOV): ≤ 2.9 %</li> <li>• Integral (UFOV): ≤ 3.7 %</li> </ul> </p>	<p>Yes                  Yes</p>
<p>i) <b>System Spatial Resolution (LEHR at 10 cm or better):</b>  <ul style="list-style-type: none"> <li>• FWTM in CFOV: 7.8 mm or better</li> <li>• FWTM in UFOV: 14.9 mm or better</li> </ul>                 j) <b>Intrinsic Spatial Linearity:</b></p>	<p>Yes</p>

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- Differential (CFOV):  $\leq 0.2$  mm
- Differential (UFOV):  $\leq 0.2$  mm
- Absolute (CFOV):  $\leq 0.5$  mm
- Absolute (UFOV):  $\leq 1$  mm
- Multiple window spatial registration:  $\leq 1.0$  mm
- Intrinsic maximum count rate: 310 keps
- Intrinsic spatial resolution at 75 keps
- FWTM (CFOV):  $\leq 4.6$  mm
- FWTM (UFOV):  $\leq 8.9$  mm
- System Planar sensitivity (LEHR at 10 cm) Absolute: 200 cpm /  $\mu$ Ci or more
- System planar sensitivity (MEGP at 10 cm) 500cpm /  $\mu$ Ci or more
- Reconstructed spatial resolution with scatter (LEHR):  $\leq 12.00$  mm g)

**Collimator specification:**

Low Energy High Resolution (LEHR) – one pair.

**Patient Bed:**

- a) Single universal table for all studies i.e. Planar, SPECT, Cardiac and Whole body imaging
- b) Table top should be composed of low attenuation carbon fiber covered by mattress pad and straps and should be able to withstand at least 200 Kg of body weight
- c) Whole body imaging covering should not be less than 200 cm.
- d) Table should have facility for lowering the height to facilitate easy patient transfer and should be movable to permit imaging for sitting, standing, stretcher/wheel chair patients. Adjustable head positioning pallets, injection arm rest, Cardiac arm rest, leg support, patient restraint & support
- e) System compatible ECG Trigger to be provides.

**Acquisition Station:**

- a) One Acquisition station independent of main processing unit capable of data acquisition in Cardiac SPECT, Gated SPECT, Static, dynamic, multi-gated, whole body scanning, SPECT and Gated SPECT.
- b) Image acquisition and data display should be from 64 x 64 matrix up to 256 x 1024 matrix.
- c) Acquisition termination by preset time, preset count or manual stop.
- d) Acquisition termination by preset time, preset count with ability to manually pause resume and stop all types of acquisitions.
- e) Pre-defined acquisition protocol as well as facility for user to configure customized protocol
- f) Should provide system compatible ECG Gating device with leads and cables for MUGA/Gated data acquisition. There should be ECG and R-R histogram display during acquisition. Indicate frames per R-R interval and

Yes

Yes

Yes

*Row*

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<p>maximum frame rate capability;</p> <p>g) Acquisition software should include camera quality control predefined protocol to perform QC as per PNRA guidelines.</p> <p><b>Work Station:</b></p> <p>a) High performance dual core Multi tasking PC with full DICOM readiness for image transfer to local and distant networks and print etc.</p> <p>b) Minimum of 128 GB RAM, 12.0 GHz processor speed and 500 TB SCSI hard drive</p> <p>c) High resolution flat panel LED monitor of minimum of 19" size from same manufacturer. Standard DVD &amp; CD combo-drive for data Archiving and Retrieving with writer facility for both.</p> <p><b>Acquisition Workplace</b></p> <ul style="list-style-type: none"> <li>High performance acquisition workplace providing a wide range of clinical acquisition cardiac protocols utilizing a graphical user interface, keyboard and mouse:             <ul style="list-style-type: none"> <li>SPECT Acquisition Modes should include the following:                 <ul style="list-style-type: none"> <li>Planar static and dynamic</li> <li>Whole Body</li> <li>SPECT, gated, non-gated or both</li> <li>Dynamic SPECT</li> <li>Whole Body SPECT</li> </ul> </li> </ul> </li> </ul> <p><b>Workflow Features:</b></p> <ul style="list-style-type: none"> <li>The system should combine acquisition and display into user customizable workflows</li> <li>Workflow shall automatically print, archive &amp; distribute results to other devices on network</li> </ul> <p><b>Quality Control:</b></p> <ul style="list-style-type: none"> <li>The system should use automatic and manual motion correction features</li> <li>It should also normalize gated studies and create quality control images such as sinograms and linograms</li> </ul> <p><b>3D Orientation:</b></p> <ul style="list-style-type: none"> <li>Should be capable of reorienting acquired SPECT volumes interactively to achieve the desired patient position</li> <li>The orientation applied to one volume shall be automatically applied to up to 3 additional volumes</li> </ul> <p><b>Image Registration:</b></p> <ul style="list-style-type: none"> <li>Multiple techniques shall be available for accurate registration of acquired images</li> <li>Interactive, manual translations and rotations in all 3 planes</li> <li>Triple registration and the choice of output matrix size shall be available</li> </ul> <p><b>Reconstruction:</b></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
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- The reconstruction engine shall support up to 5 multi-isotope studies concurrently
  - HALF TIME CARDIAC IMAGING SW
  - Standard SPECT as well as wholebody dynamic and gated cardiac volumes shall be created
- Separate MULTIMODALITY processing Workstation with Advance Cardiac processing software (4DM SPECT or Cedar Cenai or Mishigan or equivalent)
- Outputs include DICOM secondary capture files, result files, reports as well as the ability to generate an AVI or TIFF file.
- Quality Control Tools: (ALL PRICES MUST BE QUOTED SEPARATELY)**  
 SPECT phantoms, four Quadrant BAR phantom for rectangular detector size Accessories
- a) System compatible indigenous online UPS with maintenance free batteries for whole system with 30 min or more back up time. The UPS should be of reputed make like LIBERT/APC / ORION/EMERSON, or better.

**Section "B"**

S.No. Technical Specifications

M/S Elate CC (Pvt) Ltd.

**OTHER ALLIED ACCESSORIES**

**HotLab Items and Accessories:**

Bidders are requested to visit the site of installation before submitting the bid for confirming the feasibility of installation at the designated site in writing.  
 Commercial offer should include turnkey offer for repair, renovation of existing Gamma Camera room.  
 Vendor will provide training of one doctor (for 5 days) and one technologist (for 5 days) at a reputed centre abroad in addition to comprehensive in-house training at installation site by application specialist.  
 Warranty: 3 years as mutually agreed.  
 Annual Maintenance Contract (both Comprehensive & Non-comprehensive) for the period from following year till 10th year (year-wise).

- Lead Aprons Full Covered (USA) 03
- Lead Gloves One Pair.

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

Yes

Yes  
 Yes

Yes

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<p>Two new isotope keys and a full alphabetical list of 88 isotopes.  Automatic range selection: ranges up to 40 Curies of Te-99m or 10 Curies of F-18  Displays in Curies or Becquerels  Activity Range: 0.01 <math>\mu</math>Ci to 40 Ci (.0004 MBq to 1500 GBq) of Te-99m or 10 Ci of F-18  Energy Range: 25 keV to 3 MeV photons  Remote Ionization Chamber  Self-Diagnostic Software  Desktop or wall mount display  Three-year warranty  RS-232 bi-directional serial communications port  Detector Linearity: <math>\pm 1\%</math> or 0.2 <math>\mu</math>Ci, whichever is greater  Electrometer Linearity: <math>\pm 1\%</math> or 0.2 <math>\mu</math>Ci, whichever is greater  Electrometer Accuracy: <math>\pm 1\%</math> or 0.2 <math>\mu</math>Ci, whichever is greater  Overall Accuracy: <math>\pm 3\%</math> or 0.3 <math>\mu</math>Ci, whichever is greater.  Digital Calibration Dial: Four-digit LED dial display with increment/decrement keys to change the value; range is from 0.0 to 999.9  Detector: Well-type pressurized ionization chamber, with Argon fill gas; well opening 2.75" (7 cm), well depth 10.25" (26 cm) or better  Chamber Gas Pressure: 149KPa gauge (21.6 psig) at 20°C or 250KPa absolute (36.3 psia) at 20°C.  Detector Shielding: .25" (6.3 mm) lead on all sides except top well opening; supplementary shielding available  Chamber Bias: 355 <math>\pm 5</math> volts  Power Requirements: 100 to 240 VAC, 0.6 - 0.3 amps.  Line Frequency: 50/60 Hz; detachable line cord; built-in EMI filter  Warranty: Three Year  Accessories and QC (Sources must have all certificates)  a) Moly Assay Shield, 0.3" Lead  b) Syringe Reference Source Set Includes Ba-133=250 <math>\mu</math>Ci, Co-57=5 mCi, Cs-137=200 <math>\mu</math>Ci  c) Vial Reference Source Set (Ba-133=250 <math>\mu</math>Ci, Co-57=5 mCi, Cs-137=200 <math>\mu</math>Ci)  d) Shielded Waste Container (Lead Shielding: 0.125" thick (3 mm), Capacity: 20 qt (18.9 L))  e) Syringe Shield (3 and 5 cc)  2 mm thick Tungsten shielding  5.05 density lead glass window  Fits most disposable syringes  Easily sanitized with alcohol wipes</p> <p><b>1. Tabletop Shield</b>  Lead Shielding: 0.5" thick (1.2 cm)</p>	<p>Yes</p>
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<p>Viewing Panel:                  Lead Equivalency: 2 mm (an optional lead glass panel can be paired to achieve 4.0 mm lead equivalency)                  Clear Plexiglas: For Beta Shielding                  Viewing Area: 11.1" x 11.1" (28.2 x 28.2 cm)                  Side and Bottom Shield                  Lead Shielding: 0.25" thick (.64 cm)</p>	
<p><b>2. Radiiodine Fume Hood</b>                  Dimensions: 24" w x 21" depth x 36" h (61 x 53 x 91 cm)                  Front Door (Swing-Away): 24" l x 13" h (61 x 33 cm)                  Motor: 115 VAC, 50/60 Hz, 1 amp fuse; 230 VAC uses a separate external step down Transformer</p>	Yes
<p><b>3. Digital Survey Meter</b>                  Internal Detector: Halogen quenched GM gamma detector, sensitivity: 1000 cpm/mR/hr (Cs-137 gamma), energy response (60 keV - 3 MeV): within ±25% of true value                  Display: Four-digit LED display with 0.8" (2 cm) character height or more                  Display Range: 000.0-9999                  Display Units: Available in mR/hr or µSv/h                  Linearity: Reading within ±10% of true value with detector connected                  Response: Typically three seconds from 10% - 90% of final reading                  Status: (Green light) instrument functioning properly                  Alarm: Low alarm - indicated by yellow light and slow beep (one per second) audible tone (can be set at any point from 0.0 - 9999); high alarm - indicated by red light and fast beep (4 per second) audible tone (can be set at any point from 0.0 - 9999); NOTF: Audible indicators can be configured as a single beep if desired                  (Overload: Senses detector saturation (indicated by display reading "-OL-")                  Data Output: 9 pin connector providing 5 decade logarithmic output, RS-232 output, signal ground connection, FAIL, and ALARM signals (current sink), and direct connection to battery and ground                  Power: 90-260 VAC auto ranging or battery power</p> <p><b>4. Rectangular/ Interlocking Lead Bricks</b>                  Dimensions: 6" l x 4" w x 2" h (15 x 10 x 5 cm) or 8" l x 4" w x 2" h (20 x 10 x 5 cm)                  25 Pieces or more</p> <p><b>5. Clear-Lead Mobile Barrier, Standard Window 2pieces</b>                  Dimensions:                  Overall Dimensions: 30" w x 75" h (76 x 191 cm)                  Window: 30" w x 24" h (76 x 61 cm)                  Opaque Panel: 30" w x 48" h (76 x 122 cm)                  Shielded Area: 30" w x 72" h (76 x 183 cm)</p>	Yes

*Tom Rowe*

*Jerry*

<p>Shielding:</p> <p>Window : 0.5 mm lead equivalency                  Opaque Panel: 0.8 mm lead</p> <p>Lead Syringe Covers 2 each for See Syringes</p> <p>Lead Vial Shields 2</p> <p>Syringe Carrier 1</p> <p>Area Monitors 2</p> <p>Lead Lined Decay Drum 1</p> <p>Hotlab Tongs 2</p> <p>Pocket Dosimeters 4</p> <p>Well Counter 1</p>	
<p>Others:</p> <p><b>Syringe Pumps Qty: 2</b></p> <ul style="list-style-type: none"> <li>• Microprocessor controlled syringe infusion pump with capability for working on AC power and internal rechargeable battery lasting over 4 hours at flow rates of at least 5ml/hr with full charge. Battery should be easily replaceable and should have provision for running on 12V DC supply like ambulances. Battery level indicator to show battery charge.</li> <li>• Should be capable of using 10ml, 20ml and 50ml syringes of more than 5 commonly available commercial syringes. Self-recognition of syringe size.</li> <li>• Delivery rate should be from 0.1 ml/hr to 999 ml/hr in 0.1 ml/hr steps and can be put on standby mode.</li> <li>• Selectable Purge rates for different syringes like: 1200ml/h in 50 ml, 400ml/h for 20 ml and 300ml/h for 10 ml. Purge rates should be definable and purge volumes may be administrable automatically or manually.</li> <li>• High occlusion pressures in multiple settings should be able to deliver in arterial lines. (Occlusion monitor and display of occlusion pressures at more than one level with ability to change the detection pressure.</li> <li>• Pump operation should be microprocessor controlled with accuracy of <math>\pm 3\%</math> (mechanical, syringe etc.) pump should have internal accuracy checks frequently.</li> <li>• Alarms for occlusion, near empty, low battery, syringe disengaged, plunger/latch disengaged, AC/DC disconnection etc. Infusion completion alarm. (keep open rate function) meaning even after completion flow goes on (desirable to be adjustable).</li> <li>• History of last more than 200 display operation events.</li> <li>• User-friendly operation knob is desirable. In case this is not present vendor should indicate how the pump can be started immediately in an emergency situation and the dosage regulations done quickly. Should be capable of automatic calculations and set proper flow rates when dose rate, weight, drug mass, and solution volume are given.</li> <li>• Calculations of mcg/kg/min changed to mg/kg/hr. Have facility for drug library with possibility to add more</li> </ul>	<p>Yes</p>

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

**ETT Machine with Heavy Duty Treadmill Qty:1**

**Features:**

- 12 Lead High resolution ECG processing permits ST<sup>1</sup> measurement and ischemia/Arrhythmia detection.
- Full disclosure of entire study of all 12 lead EKG
- "Scroll Back" during the test to see episodes that might have been missed (S2)
- Export test results into formats, JPHG, XML, Plain text, GDT, native /RAW data PDF (S2)
- Controls many models of treadmill & ergometer.
- Free Software updates for life of system
- Network Storage enabled
- A4 format plain paper printing (cost effective) during the test.
- Remote View via Network (S2)
- Enables printing processing of saved data (S2)
- Arrhythmia detection print and capture VPB and SVPB(S2)
- Easy interface to EIMR (Electronic Medical Record and HIS (Hospital Information System
- Standard as well unlimited user programmed
- Stress test protocols
- Heart Rate Recovery Score (S2)
- DIACOM Compatible

**Technical Specifications:**

Leads	Standard 12 leads
Defibrillation Protection	
Sensitivity	5, 10, 20, 40 mm/mV
Horizontal Scale	5, 12.5, 25, 50, 100mm/sec
Signal Dynamic Range	10mV
DC Max. Input	± 300mV
Resolution	12 bits (2.44 μV/LSB)

Yes

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DC Max. Input	± 300mV
Resolution	12 bits (2.44 µV/LSB)

Yes

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 [Signature]

<p>ECG Maximum Sampling Rate 4000 samples per second</p> <p>Input Impedance &gt;100 Mohm</p> <p>GMMR &gt;100 dB</p> <p>Frequency Range (-3db) 0.05~150Hz</p> <p>Low Pass Filter 20.35,40Hz</p> <p>Base Line Filter Yes</p> <p>Line Noise Filter 50/60Hz</p> <p>Communication Interface USB</p> <p>Power Supply 5V ±5%</p> <p>Current Consumption &lt;100mA ±10%</p> <p>Safety Standard Iec60601.1, EN60601-1-2, IEC60601-2-25, IEC60601-2-27</p> <p>Operating Temperature 0°C to 50°C</p> <p>Storing Temperature 20°C to 60°C</p> <p>User weight capacity 500lb/227kg</p> <p>Safe low-profile deck 7" (18cm) from floor</p> <p>Running surface 22"x63"</p> <p>Self-aligning running belt</p> <p>Cushioned and reversible running deck</p> <p>All steel chassis</p> <p>Powder coat finish</p> <p>Emergency stop and patient tether</p> <p>Space requirement 33"x78.5"</p> <p><b>Heavy duty 4HP (6HP Peak) drive</b></p> <p>208~240, 50/60Hz dedicate 15A service</p> <p><b>Speed Range:</b> Zero start 1-12 mph</p> <p>Self calibration</p> <p><b>Elevation Range:</b> 0~25% Self calibrating</p> <p><b>Emergency stop</b> – button on left or right side</p>	<p>Yes</p>
<p><b>Computer System Qty: 1</b></p> <p>1. Latest Desk Top Computer with Keyboard &amp; Mouse</p> <p>2. Medical Grade LED Monitor 19"</p> <p>3. Latest Professional Quality Laser Jet Printer</p>	<p>Yes</p>

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4. Imported System Trolley

**Defibrillator Qty: 1**

Portable, lightweight External and Internal Defibrillator with ECG monitor and External Pacer.

1. Should be able to perform noninvasive pacing from a rate of 40bpm to 160bpm in demand and fixed modes.
2. Should have programmable current pulse amplitude from 10mA to at least 160mA.
3. Rate accuracy should be  $\pm 1.5\%$  over entire pacing range.
4. Should be fitted with a printer.
5. Defibrillator should administer biphasic shocks (from 2 to at least 360 Joules), including ability to deliver synchronized shocks.
6. The device should be AC/12V DC powered with ability to run on internal battery.
7. Should have ability to display and record at least 3-channel ECG simultaneously.
8. Should have both adult and pediatric internal and external defibrillation paddles.
9. Should have option for disposable patch electrodes from which pacing/ defibrillation/ ECG recording is possible.
10. Should have ability to assess oxygen saturation with a clip-on electrode.
11. Should have facilities for AED, oxygen saturation, external transcutaneous pacing (via patch electrodes)

Yes

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(Chairman)

**Dr. Naeem Zia Memon**  
Addl: Medical Superintendent (Gen)  
Liaquat University Hospital  
Hyderabad

*Jur*

(Member)

**Dr. Mir Khuda Bux Talpur**  
Head of Radiology Department  
LUMHS  
Jamshoro

*Rehman*

(Member)

**Dr. Anjum Rehman**  
Addl: Medical Superintendent  
Liaquat University Hospital  
Hyderabad

**LIAQUAT UNIVERSITY HOSPITAL**  
**HYDERABAD / JAMSHORO**

**FINANCIAL BID**  
**EVALUATION REPORT**

**OPENED ON 16.03.2018**

**PURCHASE OF MACHINERY / EQUIPMENT FOR**  
**FINANCIAL YEAR 2017-18**

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


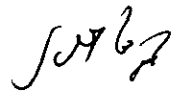

**TENDER NO. 21/2017-18**  
**(DATED: 09-12-2017)**

**Enclosed:**

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



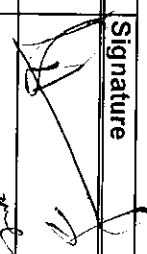

MEETING OF PROCUREMENT COMMITTEE FOR OPENING OF FINANCIAL BIDDING DOCUMENTS FOR MACHINERY / EQUIPMENT (THALLIUM SCANNER & ASSOCIATED ITEMS) FOR THE FINANCIAL YEAR 2017-18 AT LIAQUAT UNIVERSITY HOSPITAL, HYDERABAD/ JAMSHORO IN THE COMMITTEE ROOM LUH, HYDERABAD ON 16.03.2018.

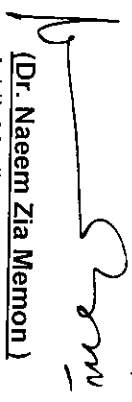
S.NO	NAME & DESIGNATION		SIGNATURE
01	<b>Dr. Naeem Zia Memon</b> Addl: Medical Superintendent (General /Technical), LUH, Hyderabad.	<b>Chairman</b>	
02	<b>Dr. Mir Khuda Bux Talpur</b> Head of Radiology Department LUMHS, Jamshoro	Member	
03	<b>Dr. Anjum Rehman</b> Deputy Medical Superintendent, LUH, Hyderabad.	Member	

Dated:- 16.03.2018

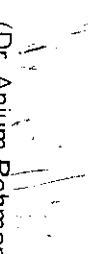
Opening of Financial Bid for Purchase of Machinery / Equipment (Thallium Scanner & Associated Items)  
for the Financial year 2017-18 at Liaquat University Hospital, Hyderabad/Jamshoro

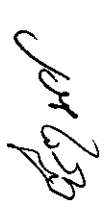
**ATTENDANCE SLIP**

S.No.	Name of Firm	Phone Number	Postal Address	Name of Participant	C.N.I.C No: of participants	Signature
1	M/s Eltek Health	0321-9235663	Kotacki	Farhan Buz		
2	M.S Siemens Health Care	0322-2224867	Kotacki	Farhan		



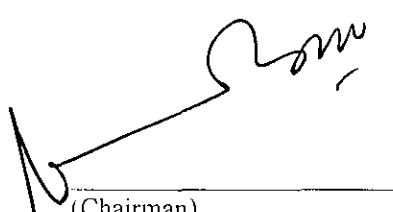
(Dr. Naeem Zia Memon )  
Addl: Medical Superintendent (Technical)  
LUH, Hyderabad  
Chairman Procurement Committee

  
(Dr. Anjum Rehman )  
Deputy Medical Superintendent  
LUH, Hyderabad  
Member Procurement Committee

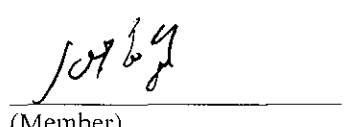
  
(Dr. Mir Khuda Bux Talpur)  
Head of Radiology Department  
LUMHS, Jamshoro  
Member Procurement Committee

## **Bid Evaluation Report**

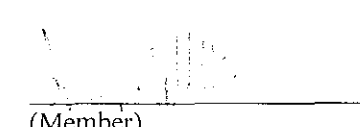
- 1) Name of Procuring Agency: Liaquat University Hospital Hyderabad / Jamshoro
- 2) Tender Reference No: 21/2017-18
- 3) Tender Description: Purchase of Machinery/Equipment under for the Financial Year 2017-18  
Purchase & Installation of Thallium Scanner & Associated Items at  
Liaquat University Hospital Hyderabad
- 4) Method of Procurement: Single Stage Two Envelope
- 5) Tender Published: Express Tribune – Veer Times - Daily Dunya - Awami Awaz  
SPPRA S.# 35291
- 6) Total Bid Documents Sold: 02
- 7) Total Bids Received: 02
- 8) Technical Bid Opening Date: 09-12-2017
- 9) No. of Bid Technically Qualified: 02
- 10) Bid(s) Rejected: 00
- 11) Financial Bid Opening Date: 16.03.2018
- 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. Mir Khuda Bux Talpur**  
Head of Radiology Department  
LUMHS  
Jamshoro



(Member)  
**Dr. Anjum Rehman**  
Addl: Medical Superintendent  
Liaquat University Hospital  
Hyderabad

**Tender No. 21/2017-18**

**Purchase of Machinery / Equipment for the Financial Year 2017-18**

**Purchase & Installation of Thallium Scanner & Associated Items at Liaquat University Hospital Hyderabad**

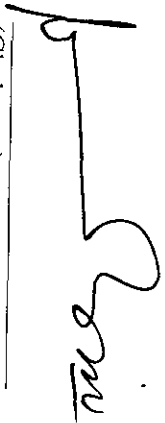
(Dated: 09.12.2017)

Financial Bids Opened on 16.03.2018

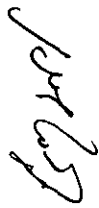
**COMPARATIVE STATEMENT**

S. NO.	ITEM DESCRIPTION	BIDDER	ITEMS	RATE PER A/U		REMARKS
				C&F	DDP	
1	Thallium Scanner	M/s Siemens Healthcare (Pvt.) Ltd.	Section A	\$ 318,000 Rs.33,580,800/-	Rs 35,000,000	
	Hotlab Items & Accessories	M/s Elate cc (Pvt) Ltd	Section A	N.Q	Rs.19,500,000/-	

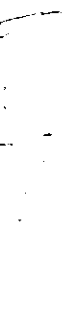
Exchange Rate: \$ : US Dollar 1 = 105.60 PKR



(Chairman)  
**Dr. Naeem Zia Memon**  
Addl: Medical Superintendent (Gen)  
Liaquat University Hospital  
Hyderabad



(Member)  
**Dr. Mir Khuda Bux Talpur**  
Head of Radiology Department  
LUMHS  
Jamshoro



(Member)  
**Dr. Anjum Rehman**  
Addl: Medical Superintendent  
Liaquat University Hospital  
Hyderabad

**MEETING MINUTES OF THE PROCUREMENT COMMITTEE**

- Meeting of the Procurement Committee (PC) of Liaquat University Hospital Hyderabad / Jamshoro was held on 16.03.2018 at 11:30 AM 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 for Financial Year 2017-18 for Purchase & Installation of Thallium Scanner & Associated Items at Liaquat University Hospital Hyderabad. Technical bids of Tender Enquiry No. 21/2017-18 were opened on 09-12-2017 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 <i>[Signature]</i>
2.	Dr. Mir Khuda Bux Talpur	Head of Radiology Department Liaquat University of Medical & Health Sciences Jamshoro	Member <i>[Signature]</i>
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 Siemens Healthcare (Pvt.) Ltd.
- 2) M/s Elate cc (Pvt) Ltd

S. No.	Bidder Name	Offered Bid Sum Value	Bid Security
1.	M/s Siemens Healthcare (Pvt.) Ltd.	Rs.35,000,000/-	No:4295580 Dated 7.12.2017 Standard Chartered Bank, Karachi.
2.	M/s Elate cc (Pvt) Ltd	Rs.19,500,000/-	No:04129712 Dated 28.04.2017 Faysal Bank Shahrah-e-Faisal, Karachi.

**Tender No** : 21/2017-18  
**Purchase of Machinery / Equipment for Financial Year 2017-18**  
**Purchase & Installation of Thallium Scanner & Associated Items at Liaquat University Hospital Hyderabad**

**Item No** : 01

**Name of Item** : **Thallium Scanner & Associated Items**

Bidder	M/s Siemens Healthcare (Pvt.) Ltd.
	Installation of Thallium Scanner & Associated Items at Liaquat University Hospital Hyderabad as per tender requirement and their Technical Offer including the following. <b>Section "A"</b> a) Dual Head Spect Gamma Camera b) Patient Bed c) Acquisition Station d) Work Station e) Acquisition Workplace f) Multimodality processing Workstation with Advance Cardiac processing software g) Quality Control Tools

The offer of M/s Siemens Healthcare (Pvt.) Ltd. 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 Siemens Healthcare (Pvt.) Ltd. offered the rates for 'Section A' items \$ 318,000/- each on C&F and Rs.35,000,000/- each on DDP basis;

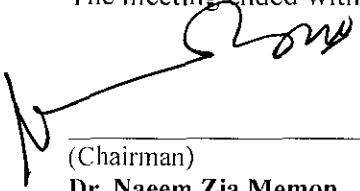
**The Procurement Committee approved and accepted the offer of M/s Siemens Healthcare (Pvt.) Ltd. on C&F basis.**

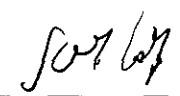
Bidder	M/s Elate cc (Pvt) Ltd
	<b>Section "B"</b> a) HotLab Items and Accessories b) Syringe Pumps c) ETT Machine with Heavy Duty Treadmill d) Computer System e) Defibrillator 1. Installation 2. Training


The offer of M/s Elate cc (Pvt) Ltd 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 Elate cc (Pvt) Ltd offered the rates for 'Section B' items Rs.19,500,000/- each on DDP basis; for  
**The Procurement Committee approved and accepted the offer of M/s Elate cc (Pvt.) Ltd on DDP 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. Mir Khuda Bux Talpur**  
Head of Radiology Department  
LUMHS  
Jamshoro

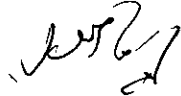
  
\_\_\_\_\_  
(Member)  
**Dr. Anjum Rehman**  
Addl: Medical Superintendent  
Liaquat University Hospital  
Hyderabad

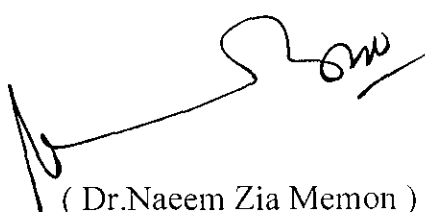
SPPRA S.No:35291 SPPRA I.D 2147483647

## CERTIFICATE

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

( Dr.Anjum Rehman )  
Addl: Medical Superintendent  
Liaquat University Hospital, Hyd  
Member Procurement Committee

  
( Dr.Mir Khuda Bux Talpur )  
Head of Radiology Department  
LUM&HS, Jamshoro  
Member Procurement Committee

  
( Dr.Naeem Zia Memon )  
Addl: Medical Superintendent (General)  
Liaquat University Hospital, Hyderabad  
Chairman Procurement Committee