Tender Notice

Shaheed Mohtarma Benazir Bhutto Medical University, Larkana invites sealed Tenders from Manufacturers/Firms/Companies registered with Sales Tax and Income Tax Department for the supply of Followings:

S. #	Description	Tender #	Tender Fees
01	Provide & Supply of IT Equipment	IT/13/2016-17	Rs. 1000/-

Tender Documents can be obtained from the Office of the Planning, Procurement & Logistics Officer during working hours from 10-04-2017 to 27-04-2017. The tender fees Rs. 1000/- shall be paid through Demand Draft/ Pay Order in favor of Vice Chancellor, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.

Bidding will be conducted under the provision of SPP Rules- 46(1) Single Stage – one envelop procedure.

The Tender Document should be submitted at "Vice Chancellor Secretariat at the Office of the Planning, Procurement & Logistics Officer" up to 27-04-2017 till 10:30 am and will be opened on the same date and venue at 11:00am in the presence of representatives who may wish to attend.

Kindly submit 5% Earnest Money (Bid Security) of the total cost in the shape of Pay Order or Demand Draft along with the Tender Documents. Kindly mention the tender number on the top left corner of the envelope.

SMBB Medical University, Larkana reserves the right to accept or reject any component or complete tender(s) or terminate the proceedings at any stage as per the rules and regulations framed by SPPRA.

PLANNING, PROCUREMENT & LOGISTICS OFFICER

Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.

Phone # 074-9410912, Email: suhail.abbasi@smbbmu.edu.pk Website www.smbbmu.edu.pk

(This issues with the approval of the Vice Chancellor)





SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA



Tender Notice

Shaheed Mohtarma Benazir Bhutto Medical University, Larkana invites sealed Tenders from Manufacturers/ Firms/ Companies registered with Sales Tax and Income Tax Department for the supply of Followings:

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(This issues with the approval of the Vice Chancellor)

INF/KRY/1866/2017

KARACHI Sunday, April 9, 2017

AWAMA



SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA



Tender Notice

Shaheed Mohtarma Benazir Bhutto Medical University, Larkana invites sealed Tenders from Manufacturers/ Firms/ Companies registered with Sales Tax and Income Tax Department for the supply of Followings:

5.#	Description	Tender#	Tender Fees
	Provide & Supply of IT Equipment	IT/ 13/2016-17	Rs. 1000/-

Tender Documents can be obtained from the Office of the Planning, Procurement & Logistics Officer during working hours from 10-04-2017 to 27-04-2017. The tender fees Rs. 1000/shall be paid through Demand Draft/ Pay Order in favor of Vice Chancellor, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.

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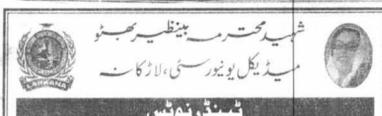
PLANNING, PROCUREMENT & LOGISTICS OFFICER

Shaheed Mohtarma Benazir Bhutto Medical University, Larkana. Phone # 074-9410912, Email: <u>suhailabbasi@smbbmu.edu.pk.</u> Website: <u>www.smbbmu.edu.pk</u>

(This issues with the approval of the Vice Chancelfor)

INF/KRY/1866/2017





شہید محتر مد بینظیر بھٹومیڈ نیکل یو نیورٹی لاڑ کانہ کومندرجہ ذیل کی فراہمی کیلئے مینوفیکچررز افر مز اکمپنیز سے جو بیلز نیکس اور انگرنگس ڈیارٹمنٹ کے پاس رجسٹر ڈیون سر بمہر ٹینڈر زمطلوب ہیں۔

مینڈر دستاویزات دفتر پلانگ، پروکیورمنٹ اینڈ الاجسٹس آفیسر سے دوران اوقات کار 10-04-2017 سے 27-04-2017 تک حاصل کی جاستی ہیں۔نینڈرفیس-/1000 روپے بذریعہ ڈیمانڈ ڈرافٹ/ پے آرڈربخق وائس چانسلر،شہید محتر مد بینظیر بھٹومیڈیکل یو نیورٹی لاڑ کانہ ادا کی جائے۔

بڈنگ SPP رولز (1) 46 منگل امٹیج ایک لفا فدطریق کار کے مندرجات کے تحت منعقد کی جائے گی۔

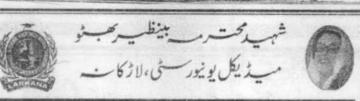
ٹینڈر دستاویزات'' واٹس چانسلرسکریٹریٹ بمقام دفتر پلاننگ، پروکیورمنٹ اینڈلاجسٹکس آفیس'' میں 2017-04-201 صبح 10:30 بجے تک جمع کرادیئے جانمی اور بیای تاریخ اور مقام پردن کے 11:00 ببجے حاضر رہنے کےخواہشند فمائندوں کی موجودگی میں کھولے جانمیں گئے۔

ازراہ کرم مجموعی لاگت کا %5 زریعانہ (بڈسکورٹی) بشکل ہے آ رڈریا ڈیمانڈ ڈرافٹ ٹینڈر وستاویزات کے ساتھ چیش کیا جائے۔ ازراہ کرم لفافہ کے اوپر ہائیں جانب ٹینڈرنمبرتحریر کروس۔

SMBBمیڈیکل یو نیورٹی لاڑکا نہ کا میدی محفوظ ہے کہ ووکس بھی کمپونینٹ یانکمل ٹینڈرا ٹینڈرز کو قبول کرلے یامستر ڈکروے یا SPPRA کی جانب ہے مرتب کر دو تو اعدوضوا بط کے مطابق کسی مجھی مرحلہ پر کارروائیاں ختم کردے۔

پلاندنگ، پروکیور منٹاینڈ لاجسٹکس آفیسر شہبید محت رمی بینظی تب ٹوسٹ ڈیکل یو ٹیورسٹی لاڑ گان۔ قون نمب ر. 2 (074-94109) میسل suhail.abbasi@smbbmu.edu.pk ویسے سے نئے www.smbbmu.edu.pk





ٹینڈرنوٹس

شهيد محترمه بينظير محثومية نيكل يونيورش لاز كانه كومندرجه ذيل كى فراجهي كيلية مينونينجررزا فرمز أكبينيز

ے جو پیلز فیکس اور اکم فیکس و پار شمنٹ کے پاس رجسٹر فی ہون سر بمبر ٹینڈر زمطاوب ہیں۔ نبرشار تنفسیل ٹینڈر نببر ٹینڈر فیس نبرشار اللہ کی سیال کی اللہ کو پہنٹ 11-113/2016 ماروپ

نمینڈر دستاویزات دفتر پلانگ، پروکیورمنٹ اینڈ لاجسکس آفیسر سے دوران اوقات کار 10-04-2017 سے 27-04-2017 تک حاصل کی جاسکتی ہیں۔ ٹینڈرفیس-/1000روپے بذریعہ ڈیمانڈ ڈرافٹ/ پے آرڈربخل دائس چانسلر، شہید محترمہ مینظیر جنومیڈیکل یونیورٹی لاڑ کانہ اداکی حائے۔

بڈنگ SPP روز (1)46 سنگل انتیج ایک لفافہ طریق کار کے مندرجات کے تحت منعقد کی جائے گ

نمینڈردستاویزات' وائس چانسلرسیکریٹریٹ بمقام دفتر پلانگ، پروکیورمٹ اینڈ لاجسکس آفیسز' میں 27-04-2017 میچ 10:30 ہجے تک جمع کرادیے جا نمیں اور بیای تاریخ اور مقام پردن کے 11:00 ہج حاضرر ہے کے خواہشند نمائندوں کی موجودگی میں کھولے جا نمیں گے۔ ازراد کرم مجموعی لاگت کا %5 زربیعانہ (بڈسکورٹی) بشکل ہے آرڈر یا ڈیمانڈ ڈرافٹ ٹینڈر دستاویزات کے ساتھ چیش کیا جائے۔ ازراد کرم لفافہ کے اوپر ہا نمیں جانب ٹینڈر نمبر تحریر

SMBBمیڈیکل یو نیورٹی لاڑکا نہ کا بیٹ محفوظ ہے کہ ووکس بھی کمپیوٹیٹ یا کلمل ٹینڈرا ٹینڈرزکو قبول کرلے یامستر دکردے یا SPPRA کی جانب سے مرتب کردوتو اعدوضوا ابلا کے مطابق کسی مجمی مرحلہ پر کارروائیاں ختم کردے۔

پلاننگ، پروکيور منٽاينڏ لاجسٽکس آفيسر شهب رئيس مينظب رهب ئومي ڏيکل يو يُورسٽي لاژکا ن فون مبر .074-9410912 ئي سيل suhail abbasi@ smbbmu.edu.pk ويب سائيس منظم ي مناز سرد ارک کار اگراستان



(جلد 27) آچر 09 اپريل 2017ع بمطابق 11 رجب المرحب 1438هـ (شمارو 246) قيمت 15 رپيا



شھيد محترمہ بينظير ڀٽو ميڊيڪل يونيورسٽي لاڙڪاڻو

تبندر نوتيس

شهید محترص بنظیر پتو میدیکل یونیورسٹی لاڑ کائو هیٹ جاٹایل کم الاء سیلز تیکس ۽ انظم تیکس ڊپارٽمینٽ سان رجسٽرد مینوفیکچرن فرص ۽ ڪمپس کان مهربند تینڊر گهرائي ٿي.

ٽينڊر فيس	ثينارنمبر	وضاحت	نمبر شمار
1000	IT/ 13 /2016-17	ه ئي ايڪيوپمينٽ جي سيلاء ۽	01
رپيا		وأهمي	

تيندر دستاريز پلاننگ, پروڪيورمينٽ ۽ لاجسٽڪس آفيسر جي آفيس مان ڪم ڪار واري وقت درران 2017-04-10 کان 2017-04-27 تائين حاصل ڪري سگهجن ٿا. تيندر فِي 1000 رپيا واڻيس چانسلن شهيد محترم بينظير ڀٽو ميڊيڪل يونيورسٽي لاڙڪاڻو جي حق ۾ دماند درافت/بي آرور ذريعي ادا ڪرڻ گهرجي.

واك عمل الس يي يي رواز (1) 46 سنگل استيج-بن لفافن واري طريقيكار موجب منعقد كيو ويندو.

ٽينڊر دستا ميز "وائيس چانسلر سيڪريٽريٽ واقع پلاننگ، پروڪيورمينٽ اينڊ لاجسٽڪس آفيسر جي آفيس" پر 2017-04-27 صبح 10.30 وڳي تائين جمع ڪرائڻ گهرجن ۽ ساڳي تاريخ تيج ۽ هنڌ تي صبح جو 11 وڳي حاضري جي خواهشمند نمائندن جي موجو گيءَ ۾ کوليا ويندا.

مهرباني طري ٿينڊر دستاويزات سان گڏ پي آرڊر يا ڊمانڊ ڊرافٽ جي صورت ۾ ڪُل واڪ ماليک جي 5 سيڪڙو سوڻي رقم/واڪ سيڪيورٽي جمع ڪرائيندا. لفافي جي مثان کابي ڪُنڊ تي ٽينڊر نمبر مهرباني ڪري ڄاڻائڻ گهرجي.

ايس ايم يي ميديكل يونيورسٽي لاڙ كاڻو ايس پي پي آر اي پاران جوڙيل قاعدن ۽ ضابطن موجب كتهن به يا سمورن ٽيندون كي قبول يا رد كرڻ يا كاررواين كي ختم كرڻ جو حق ركي ٿي.

پلاننگ، پروكيورمينٽ اينڊ لاجسٽڪس آفيسر

شهيد محتر مه بينظير ڀٽو ميڊيڪل يونيورسٽي، لاڙڪاڻو فون: 074-9410912 يوميل: suhail.abbasi@smbbmu.edu.pk ويب سائٽ www.smbbmu.edu.pk (واڻس چانسلر جي منظوري سان هن کي جاري ڪيو ويو)

INF/KRY/1866/2017

The Largest Circulated Sindhi Daily of Pakistan



(جلد 27) آچر 09 اپريل 2017ع بمطابق 11 رجب المرجب 1438هـ (شمارو 246) قيمت 15 رپيا



شميد محترم بينظيريتو ميديكل يونيورستي لاڙڪاڻو



شهيد محترد بينظير ڀٽر ميذيڪل يونيورسٽي لاڙ ڪاڻو هيٺ ڄاڻايل ڪمر لاءِ سيلز ٿيڪس ۽ انڪم ٿيڪس ڊپارٽمينٽ سان رجسٽرڊ ميٺوفيڪچرن افرمن ۽ ڪمپنين کان م بند تبند گهراش شي.

ثيندر فيس	ٿيئ <u>د</u> ر نمبر	وضاحت	نمبر شمار
1000	IT/13/2016-17	اء تي ايڪيوپمينٽ جي سيلاء ۽	01
رپيا		فراهمي	

تيندر دستاويز پلاننگ، پروڪيورمينٽ ۽ لاجسٽڪس آليسر جي افيس مان ڪمر ڪار واري وقت دوران 2017-04-10 كان 2017-04-27 تائين حاصل كري سگهجن ٿا. تيندر في 1000 ريبا واثيس چانسلر، شهيد محترم بينظير ڀٽو ميڊيڪل يونيورسٽي لاڙ ڪاڻو جي حق ۾ دمانڊ ڊرافت/يي آرڊر ذريعي ادا ڪرڻ گهرجي.

واك عمل ايس يي يي رواز (1) 46 منگل استيج-بن لفافن واري طريقيكار موجب منعقد كب ويندو.

تيندر دستاويز "واثيس چانسلز سيكريتريث واقع پلاننگ, پروكيورمينث ايند لاجنستكس أفيسر جي أفيس" م 2017-04-27 صبح 10.30 وكي تائين جمع كراثن گهرجن ۽ ساڳي تاريخ تي ۽ هنڌ تي صبح جو 11 وڳي حاضري جي خراهشمند نمائندن جي موجودگيءَ ۾ کوليا ويندا.

مهرباني ڪري ٽينڊر دستاويزات سان گڏيي آرڊر يا ڊمانڊ ڊرافٽ جي صورت ۾ ڪُل واك ماليت جي 5 سيكڙو سولي رقم/واك سيكيورٽي جمع كرائيندا. لفافي جي مثان كابي كُند تي تيندر نعبر مهرباني كري ڄاڻائڻ گهرجي.

ايس ايمر بي بي ميديكل يونيورسٽي لاڙڪاڻو ايس پي پي آر اي پاران جوڙيل قاعدن ۽ ضابطن موجب كنهن بديا سمورن تينڊرن كي قبول يا رد كرڻ يا كاررواين كي ختم ڪرڻ جو حق رکي ٿي.

پلاننگ، پروڪيورمينٽ اينڊ لاجسٽڪس آفيسر

شهيد محترم بينظير ڀٽو ميڊيڪل يونيورسٽي، لاڙڪاڻو فون: 9410912 -974. اي ميل: suhail.abbasi@smbbmu.edu.pk ويب سانت: www.smbbmu.edu.pk (وائس چانسلر جي منظوري سان هن کي جاري ڪيو ويو)

Annual Procurement Plan

Goods & Services

Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.

Fiscal Year: 2016-17

Rupees in million

S.#	Description of Procurement	Quantity (Where	Estimated Unit Cost	Estimated	Funds	Source of Funds	Proposed Procurement Procurement	Te	Procus	Timing		Remarks	
		applicable)	(Where applicable)	Total Cost	Allocated		Procedure	Method	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
1	Printing & Supply of Annual Prospectus 2016-17	N/A	N/A	1,50	100	Recurring	Single Stage- Two Envelop	Open Competitive- National Bidding	~				
2	Printing & Supply of Examination Material	N/A	N/A	0.50	:*:	Recurring	Single Stage- Two Envelop	Open Competitive- National Bidding	~				
3	Provide & Supply of Stationary/ Misc items for Examiniation Department	N/A	N/A	0.53	*	Recurring	Single Stage-Single Envelop	Open Competitive- National Bidding	~			NEW YORK	
4	Printing & Supply of Sovieniour for Convocation 2016	N/A	N/A	0.75		Recurring	Single Stage- Two Envelop	Open Competitive- National Bidding		~		0.60%	
5	Printing & Supply of the Post Graduate Prospectus 2016-17	N/A	N/A	0.36		Recurring	Single Stage- Two Envelop	Open Competitive- National Bidding		~		-	1
6	Printing & Supply of Annual Report 2015-16	N/A	N/A	0,65	•	Recurring	Single Stage- Two Envelop	Open Competitive- National Bidding			~	5	
7	Provide & Supply of IT Equipment	N/A	N/A	29.00	1 %	Recurring	Single Stage- Single Envelop	Open Competitive- National Bidding				V	0

Planning, Procurement
& Logistics Officer
SMBB Medical University
Larkana



SHAHEED MOHTARMA BENAZIR BHUTTO

MEDICAL UNIVERSITY LARKANA, SINDH, PAKISTAN

Phone: (92)-074-9410907, 074-9410724, Fax 074-4752408, PABX: 9410717 www.smbbmu.edu.pk, Email: registrar@smbbmu.edu.pk, info@smbbmu.edu.pk



No. SMBBMU/REG/344

OFFICE ORDER

With the approval of the Vice Chancellor, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana the **Procurement Committee** for tender titled "Provide & Supply of I.T Items at Shaheed Mohtarma Benazir Bhutto Medical University Larkana" tender No. IT/13/2016-17 has been constituted of the followings:

Dr. Abdul Rauf Khaskheli
 Chairman Department of Pharmacy
 SMBB Medical University, Larkana

Chairman

Dated: 21 / 02 / 2017

 Engr. Sheeraz Ahmed Soomro System Engineer QUCEST, Larkana External MEMBER

3. Mr. Suhail Ahmed Abbasi
Planning, Procurement & Logistics Officer
SMBBMU Larkana

Member / Secretary

TORs:

i. Preparing Bidding Document.

ii. Carrying out Technical as well as Financial Evaluation of the Bids.

iii. Preparing Evaluation Report as provided in Rule 45.

 Making recommendation for the award of Authority.

v. Perform any other function ancillary and incidental to the above.

(DR. AFSAR ALI BHUTTO)
REGISTRAR
SMBBMU, LARKANA

Copy forwarded with compliments for information to:

The Managing Director, Sindh Public Procurement Regulatory Authority, government of Sindh, Karachi.

- All above Respected members.
- P.S to Vice Chancellor, SMBBMU, Larkana
- Office Copy.



SHAHEED MOHTARMA BENAZIR BHUTTO

MEDICAL UNIVERSITY LARKANA, SINDH, PAKISTAN

Phone: (92)-074-9410907, 074-9410724, Fax 074-4752408, PABX: 9410717 www.smbbmu.edu.pk, Email: registrar@smbbmu.edu.pk, info@smbbmu.edu.pk



No. SMBBMU/REG/345

Dated: 21 / 02 / 2017

OFFICE ORDER

With the approval of the Vice Chandellor, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana the Complaint Redressal Committee for tender titled "Provide & Supply of I.T Items at Shaheed Mohtarma Benazir Bhutto Medical University Larkana" tender No. IT/13/2016-17 has been constituted of the followings:

i. Dean Faculty of Basic Medical Sciences SMBB Medical University, Larkana

Chairman

Representative of AG, Sindh ii.

Member

iii. M.S CMCH Larkana or his nominee

External Member

TORs:- The Committee will review and give its deliberations on the compliance / objections raised by the contesting venders / bidders as per SPP Rules 2010 (Amended 2013) Rule # 31. Turne

> (DR. AFSAR ALI BHUTTO) REGISTRAR SMBBMU, LARKANA

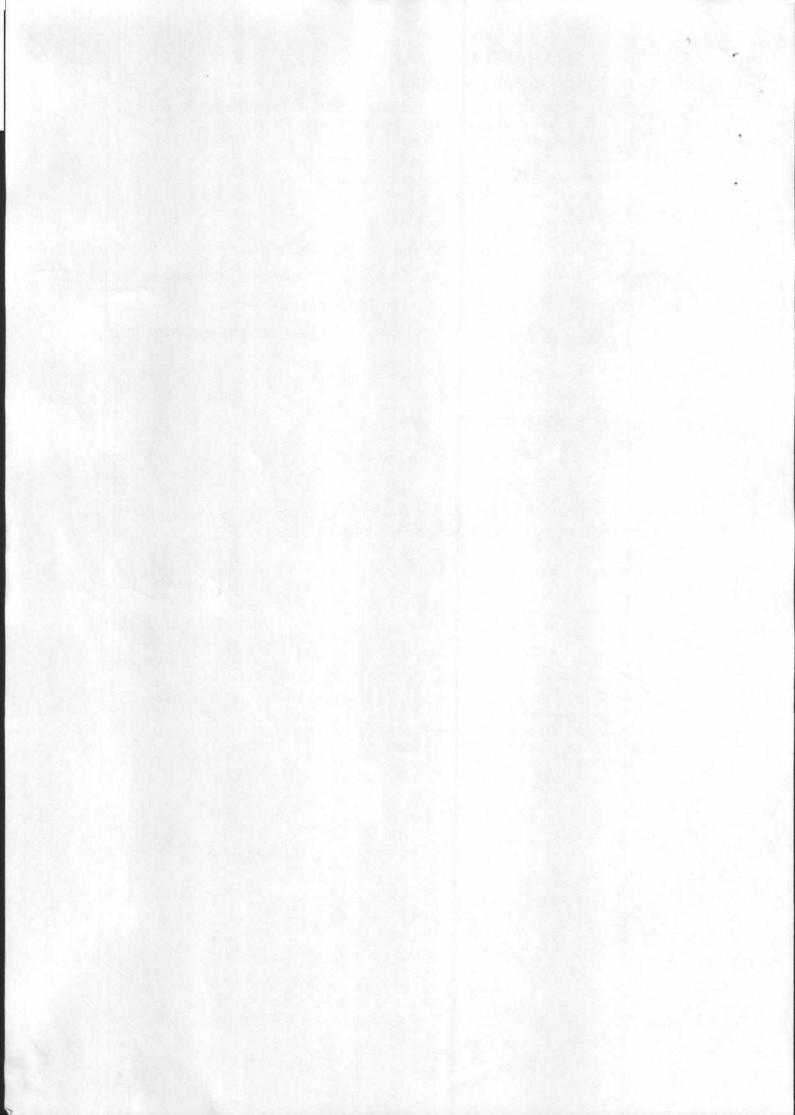
Copy forwarded for information to:

The Managing Director, Sindh Public Procurement Regulatory Authority, government of Sindh, Karachi.

All above Respected members.

- Planning, Procurement & Logistics Officer, SMBB Medical University Larkana
- P.S to Vice Chancellor, SMBBMU, Larkana

Office Copy.





Tender Fee: Rs.1000/-(Non-Refundable)

Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.

TENDER FORM

Tender # IT/13/2016-17

Provide & Supply of I.T Equipment

Date of Issue

April 10, 2017 April 27, 2017 (10:30 am) Last Date of Submission April 27, 2017 (11:00 am) Date of Opening of Tender Pay Order / Demand Draft # Drawn on Bank........... Amount of Rs..... Dated

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1. Introduction

Dear Tenderer,

Thank you, the interest you have shown in response to SMBBMU's advertisement which has floated on leading newspapers (Dawn, Daily Kawish, Jung) of April 9, 2017, website of SMBBMU & SSPRA to Provide & Supply of I.T Equipment.

The Shaheed Mohtarma Benazir Bhutto Medical University, Larkana is premiere educational institute in Upper Sindh imparting quality education to the nation. We are interested to procure I.T equipment from your esteemed firm/company.

We expect to avail services/works/items of high standards meet our prime & basic specifications through this transaction.

Please feel free to contact on 074-9410912 or suhail.abbasi@smbbmu.edu.pk for any information and query.

Thank you.

-sd-Planning, Procurement & Logistics Officer

2. Instructions

- (a) The Shaheed Mohtarma Benazir Bhutto Medical University, Larkana expects that aspirant firms/distributors/importers/suppliers should furnish all the required documents to ensure a transparent and genuine presentation. Therefore, it is necessary to fill in the Tender Form meticulously and sign & stamp each page. Moreover, attach required supporting document/designs/plans as per requirement.
- (b) It is of utmost important to fill in the Tender Form in writing in ink or type. Do not leave any column/item blank. If you want to leave the item/column un-answered please, write "Doesn't Apply/Doesn't Arise". If you need more space please attach a paper & clearly mention item/column name or number etc. that referred the column/item of the Tender Form.
- (c) The last date for the submission of Standard Bidding Document (SBD) in sealed envelope on <u>Thursday April 27, 2017 by 10:30am</u> in the Office of the Planning, Procurement & Logistics Officer, Vice Chancellor Secretariat, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana. The Tender will be opened on same day at 11:00am in the presence of representatives who may care to attend.
- (d) Bid Security of 5% of total charges will be submitted along with Tender Documents in shape of PAY ORDER / DEMAND DRAFT only in the name of Vice Chancellor, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana. The Bid Security shall remain valid for a period 28 days beyond the validity period of the Tender or till it is revalidated/extended for a period mutually agreed upon by the tenderer and the Planning, Procurement & Logistics Officer, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.
- (e) Successful bidder shall provide 10% Performance Security of total value of Purchase Order / Work Order in the form of Pay Order or Bank Guarantee with the contract agreement. The successful bidder shall have to sign a Deed of Agreement. The Performance Security shall be retained by the Planning, Procurement & Logistics Officer, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana, till the completion of the guarantee/warrantee period. The vendor is bound to replace Pay Order before the date of expiry.
- (f) Kindly mentioned "Tender Number & Name of the tender" at top left corner of the envelope.

TENDER FORM Provide & Supply of I.T Equipment 3.

S. #	Description	Qty	Rate (Rs.)	Amount (Rs.)
01	DSLR Camera Brand: Nikon/Sony/Canon or equivalent. Sensor Resolution: 24.2 MP Video Resolution (Max): 1920x1080 pixels Picture Resolution (Max): 6000x4000 pixels Screen Size: 3.2 inches (Touch Screen) Memory Cards: 64GB 95 MB/S Secure Digital, USB: Built-in, Flash: Built-in HDMI: Built-in Focal Length & Maximum Aperture: 70-300mm Accessories Lens AF-S 18-140mm f/3.5-5.6G ED VR lens Flash, Bag, Tripod, Battery. Warranty: 1 year with parts & Labor onsite	4		
02	Color Laser Printer Brand: HP or Equivalent. Print speed: Up to 18 pages per minute (ppm), A4, Legal Memory: 256 MB, USB port Speed 800MHz Automatic two-sided printing (Duplex) Networking: Fast Ethernet, 802.11b/g/n, wireless networking Warranty: 1 year with parts & Labor onsite.	9		
03	Desktop & Accessories (i5) Brand: Dell / HP or Equivalent Processor: Core i5-6500 3.2 GHZ 6 MB cache. Graphics: Intel HD Graphics 530. Memory: 8 GB DDR4 Hard Disk: 1 TB 7200PRM SATA 6G 3.5 HDD Optical Drive: DVD RW Display: LED Monitor 18.5 Inch (Minimum) ACCS: USB Keyboard and Mouse Power Supply:400w upto 92% efficient active PFC Operating System: Windows -10 Warranty: 1 year with parts & Labor onsite.	40		
04	Desktop & Accessories (i7) Brand: Dell / HP or Equivalent Processor: Core i7-6500 3.2 GHZ 6 MB cache. Graphics: Intel HD Graphics 530. Memory: 8 GB DDR4 Hard Disk: 1 TB 7200PRM SATA 6G 3.5 HDD Optical Drive: DVD RW Display: LED Monitor 18.5 Inch (Minimum) ACCS: USB Keyboard and Mouse Audio: HD audio Power Supply: 400w upto 92% efficient active PFC Operating System: Windows -10 Warranty: 1 year with parts & Labor onsite.	08		

05	UPS Dry Battery Brand: APC/Greenpower/Saltec or UK/USA Brand Output power capacity: 1.0 KVA Max Configurable Power (Watts): 1.0 kVA Nominal Output Voltage: 230V Output Voltage: 220 Topology: Line Interactive Waveform type: Sine wave Back time: 20 minutes (Minimum) Warranty: 1 year with parts & Labor onsite.	58	
06	Laptop (Core i7) Brand: Dell/Lenovo/HP or Equivalent Processor: i7-7500U-2.7GHz. RAM: 8GB. Hard Disk: 1TB Screen: 15.6 Inch. Graphics Card: 4GB. Optical: DVD-RW. Speakers: Integrated stereo speaker (2w x2) Audio: HD Audio Camera: 720HD Camera LAN: Gigabit Ethernet Network 802.11c USB Port: 3.00 Warranty: 1 year with parts & Labor onsite.	09	
07	Laptop (i5) Brand: Dell/Lenovo/HP or Equivalent Processor: i5-7500U-2.7GHz. RAM: 8GB. Hard Disk: 1TB Screen: 15.6 Inch. Graphics Card: 4GB. Optical: DVD-RW. Speakers: Integrated stereo speaker (2w x2) Audio: HD Audio Camera: 720HD Camera LAN: Gigabit Ethernet Network 802.11c USB Port: 3.00 Warranty: 1 year with parts & Labor onsite.	42	
08	Laser Jet Color Printer HP or equivalent. Print technology: Laser Processor speed: 800 MHz Print speed black: 30 ppm Normal: Up to 30 ppm Print speed color: 20 ppm Print quality color (best): Up to 600 x 600 dpi Duty cycle (monthly, letter): Up to 75,000 pages; Memory, standard: 1 GB Hard disk: Standard, 8 GB Paper handling input, standard: 100-sheet multipurpose, 250-sheet input tray 2 Duplex printing: Manual Warranty: 1 year with parts & Labor onsite	2	

	<u> </u>			
09	Multimedia Projector (EPSON) EPSON or Equivalent	18		
	· ·	45.5		
	4000 Lumens			
	13000:1 Contrast			
	SVGA, HDMI X2, MHL			
	7500 Hours Lamp Life			
	2 D Vertical Keystone			
	3D Ready Along with mountain kit with lock, complete			
	installation, pointer & slide changer			
	Warranty: 1 year with parts & Labor onsite.			
10	Multi Media Projector Stands	03		
10	Multi Media Projector Tripod Stands	03		
	Size: 8 x 6			
11	The state of the s	02		
11	Paper Shredder Machine	02		
	Micro Cut: 2 x 8 mm			
	DIN Security level: S4 Maximum Sheet: 10 sheet 80 grams			
	CD/DVD Slots: Separate			
	Quiet Operation: <60dBA			
	Pullout waste bin: 19 Liter			
	Shreds: Credit Cards, CD, DVD, Paper, Cards			
	Warranty: 1 year with parts & Labor onsite.			
12	Photocopier Machine	05		
1 20	Brand: Canon or equivalent.	05		
	Multifunction capabilities in Copy, Print and Scan.			
	Speed 20PPM			
	Memory 512MB Processor speed 400MHz			
	Maximum Original Size A3 Copy size A3, A4, A4R,			
	Warm-Up Time 30 seconds			
	Interface Ethernet (100Base-TX/10Base-T), USB Host			
	Standard network printing at 1200 x 1200dpi Standard duplex paper output for paper usage efficiency			
	50 sheets document feeder and internal finisher			
	100-sheet capacity on one tray			
	250-sheet capacity on two trays			
	1,000-sheet capacity Corner and double stapling up to 50 sheets			
	Separate toner and drum design with long life usage			
	Warranty: 1 year with parts & Labor onsite.			
13	Portable Hard Disk	04		
	Seagate /WD/Sony or equivalent			
	Capacity: 2TB			18
	Interface: USB 3.0 compatible with 2.0			
	Warranty: 3 years			
14	Portable Hard Disk	03		
	Seagate /WD/Sony or equivalent			
	Capacity: 1TB		1	
	Interface: USB 3.0 compatible with 2.0			
	Warranty: 1 year with parts & Labor onsite.			

15	Printer HP or equivalent. Print Speed: Up to 35 ppm (Letter) Print Resolution: Up to 1200 x 1200 dpi (Best), HP FastRes 1200 (Normal) Standard Connectivity: 1 Hi-Speed USB 3.0 Ethernet Network: 1 Ethernet 10/100/1000T network Duty Cycle: Up to 50,000 pages Duplex Print Options: Automatic (standard) Processor Speed: 800MHz. Memory: 256MB. Print Cartridge: 1 Extra (Original) Warranty: 1 year with parts & Labor onsite.	40	
16	Rostrum Podium ICT or equivalent. Conference active podium All in One podium with Mic, Amplifier & Speakers Height: 1140MM Length: 500mm Width: 420mm Input: MIC1: -50dB±2dB/680Ω, MIC2: -55dB±2dB/600Ω, Wireless MIC: -20dB±2dB/50Ω, AUX: -20dB±2dB/10KΩ. Power Supply: ~230V/50Hz/~110V/60Hz Power Consumption: 100W Freq Response: 100Hz~16000Hz Rated Power: 60W Warranty: 1 year with parts & Labor onsite.	11	
17	Scanner HP or equivalent. Type: Flatbed scanner - desktop Max Supported Document Size: 8.5 in x 11.7 inches Supported Document Type: Plain paper, photo Power Consumption Operational: 2.5 Watt Optical Resolution: 2400 dpi x 4800 dpi Interpolated Resolution: 19200 dpi Scanner Speed Details: 14 sec/scan - preview 21 sec/scan - photo - color - 10x15cm - 200 dpi 30 sec/scan - OCR - A4 Interface Type: USB 3.0 Form Factor: Desktop Document Size Class: A4/Letter Duty Cycle: 26000 scans per day Warranty: 1 year with parts & Labor onsite.	24	
18	Scanner HP or equivalent Scan Speed (ADF): Up to 15 ppm/6 Scan Media Types: Paper (plain, inkjet, photo); envelopes; cards (index, greeting); 3-D Objects Maximum scan size: 8.5 x 11 (flatbed), 8.5 x 14 inch (ADF). Scan Resolution: Optical: Up to 2400 dpi, Hardware: Up to 600 x 600 dpi on ADF, up to 2400 x 2400 dpi on flatbed, Enhanced scanning resolution: Up to 19,200 dpi; 48-bit Enlargement Range: 12 to 2400% in 1% increments Connectivity: Ethernet; Hi-Speed Duty Cycle: 500 pages per day Features: 50-page ADF (with duplex scanning), Warranty: 1 year with parts & Labor onsite.	06	

19	Smart Board UK Brand or Equivalent Pen Touch and Finger Touch Dual Touch	06	
	4:3 Aspect Ratio 82 Inch Diagonal Size Software Clever lynx, EdStudio Annotate, Word wall Optical Imaging Touch Technology Installation charges Onsite Training charges Warranty: 1 year with parts & Labor onsite.	a yaz dina maja	
20	Sound System for Conference 22 mics Detailed at Annexure "A"	1 Job	
21	MegaPhone Brand: TOA Japan or equivalent. Power: 9V DC Rated Output: 15 W Maximum Output: 23 W Battery Life: Approx. 9 hours Audible Range: Approx. 400 m Operating Temperature: -10 °C to +40 °C Horn: ABS resin, light gray Strap: Nylon, black Battery case Handle Case	01	
22	Card Printing Machine Single & Dual Siding Printing & Laminating Instant Direct Heating Lamination 300 dpi with edge-to-edge printing Holographic Lamination for Visual Security & Card Durability Installable Endoderm: MS, Contact & Contactless, SIM Upgradeable Modules: Ethernet	01	
23	Warranty: 1 year with parts & Labor onsite. CCTV Camera for Directorate of Finance. Detail enclosed at Annexure "B"	1 Job	
24	Cell phone Jammers Portable Cell Phone Jammers Isolating Signal Bandwidth Output power: 3w Power supply: 50-60Hz, 100-240V AC GPS: 1580~1700Mhz CDMA: 850-894Mhz GSM: 935-960Mhz DCS: 1805~1880Mhz Typical Coverage: effective radius up to 20Meters Average Output Power: 10 dBm Typical Battery Life: 4 Hours Power supply: Built in Rechargeable Li-ion battery Dimension: Antennas off- 95x45x20mm (L x W x D) Approved: CE / FCC Warranty: 1 year with parts & Labor onsite	05	

25	Apple Laptop Apple MacBook Pro Screen RETINA 13.3" Processor Intel Core i5 3.1GHz turbo upto 3.4GHz, Ram 8GB, SSD Drive 256GB Flash, WebCam 720p HD, Mac OS X Yosemite Warranty: 1 year with parts & Labor onsite.	01	
26	MICROSOFT SURFACE PRO 4 Processor Intel Core i5 6th-Gen (Skylake) Dual-Core Memory Installed: 4 GB Storage SSD 256GB Screen size 12.3" Resolution 2736 x 1824Operating SysteWindows 10 Pro Ports USB 3.0 Mini Display Integrated Stereo Speakers Microphone Flash MicroSD Wi-fi *02.11a/b/g/n/ac Bluetooth 4.0 Camera Front 5MP Back 8MP Keyboard Pointing Device Battery 9 Hours per charge Warranty: 1 year with parts & Labor onsite.	02	
27	LED 55" without WI-FI / Android Haier or equivalent. Size 55 Inch Resolution 1920 x 1080 Auto Volume Level Audio Output 2 * 10W Input HDM2, USB 3.0, AV IN & OUT, USB 2.0, RF Input Composite, 15 Pin D-Sub, Head Phone Functions Auto Timer On, Hotel, Sleep Working power consumption 128W Standard power consumption <0.5W Voltage Range 100~240V Color Enhancer, 3D Comb Filter Warranty: 1 year with parts & Labor onsite.	01	

28	IP Attendance Machines	40		
	Face, Finger Print & ID			
	Processor: Multi-Bio CPU 630 MHz	Six 3-31		
	Memory: 256MB Flash			
	Transaction Capacity: 80, 000 or above			
	Face: 400 to 500			
	Fingerprint: 2000 to 15000			
	ID card: 10, 000 to 15000			
	Fingerprint sensor: without film			
	Camera: High Resolution Infrared			
	Display: 4.3 Inch Touch Screen			
	Battery: 2500mAH			
	Communication: TCP/IP, USB			
	Access Control: Simple Access Controller			1
	Power Supply: 12V DC / 3A			
	Verification Speed: < 2 Sec Face, < 1 Sec Fingerprint, < 0.5 Sec ID Card.	1 1		
	Operating Temperature: 0 to 48 degree			
	Maintain attendance management Software, Input of All			
	records, Weekly Data from All machines, Generate			
	Consolidate reports, Daily Attendance View, Appropriate			
	training to end user & his/her staff.			
	Installation locations: CMCH, CMC, SMBBMU,			
	Children Hospital, Gyn Units, GMMMC, Sukkur, all			
	other locations as directed by the Procuring Agency.			
	Warranty, Maintenance & Service onsite for			
	HEED TO HER STORE IN STREET, NOTE AND STREET			
	period of 2 Years			
	Total Amount			
	17% GST			
	2 12 1			
	Grand Total			
Total	Amount Rupees (In words)			
Note:	If any fault comes during warranty period the	supplier i	is bound to	give hackup of that
	ment till the problem resolved.	To the second		
				7500 Res 420
				Stamp & Signature

4. Terms & Conditions

The following terms of the purchase are agreed by the manufacturer/ supplier/ distributor:

- (i) Receiving/Acceptance of Purchase Order: The manufacturers / distributor / supplier will sign the copy of the Purchase Order as acknowledgement.
- (ii) Scope of the jobs:

The scope includes:

- 1. Standard accessories (hardware & software and other related items).
- The scope includes supply, handling, storage of complete parts, accessories, hardware and software required to install, test and commission the Job.
- The vendor is responsible to provide any additional cost/information which
 does not cover in the scope in RFP with their along with financial impact.
 SMBBMU will not be responsible for any cost during execution or after award
 of the contract.
- For the single job/small projects the vendor must have to assign a technical person (Relevant field) to execute the job accordingly.
- (iii) Delivery Challan: Copies of Delivery Challan on which the Order Number, Date of Delivery Execution, Quantity, Quality, Specifications, Manufacturer name clearly mentioned. Noncompliance with this condition renders the goods / works liable to nonacceptance. After seven days, SMBBMU, Larkana will not be responsible for any claim(s) / responsibility.
- (iv) Place of Delivery: As specified in the Purchase Order unless otherwise informed accordingly.
- (v) Delayed Delivery:
 - Failing to meet the agreed timelines of successful job completion, penalty (as per schedule below) as percentage of the order value shall be applicable and Shaheed Mohtarma Benazir Bhutto Medical University, Larkana shall have the right to claim that penalty, no any argue would be considered. (The Bid Security can be forfeited for this)

Delayed between 15-30 days 2% Delayed between 30-60 days 5% Delayed beyond 60 days 10%

- (vi) Inspection: Physical inspection will be carried out by SMBBMU, Larkana authority. Ordered material is subject to final inspection at the time of delivery.
- (vii) Quantity: Competent Authority reserves the right to change/alter/remove any item or article or reduce/enhance quantity without assigning any reason and contractor will abide the instruction.
- (viii) Condition of Goods: All items must meet in all respects with the primary specs & conditions of the Order and must be in good condition otherwise they will be liable to reject.

- (ix) Repeat Order: The Procuring Agency can issue the Repeat Order to the original supplier if the supplier is willing to supply goods or carry out additional work on the same prices as agreed in the original contract within the same Financial Year.
- (x) Delivery of Goods: All the items must be delivered to the Store of the SMBBMU, Larkana and sign receipt with stamp on delivery note should be obtained.
- (xi) Rejection of Goods: We reserve the right to cancel any or all the items if material is not in accordance with the primary specification or if the delivery is delayed.
- (xii) Sub-letting: No sub-letting in any case and form will be acceptable.
- (xiii) Termination: That upon termination of this agreement the service provider shall be permitted to remove all its devices and equipment which may have been placed at premises from the time to time.
- (xiv) Submission of Bills/Invoices: Invoice/bill, Purchase Order & Delivery Challan should be submitted to the Office of the Planning, Procurement & Logistics Officer.
- (xv) Advance Payment: No advance payment.
- (xvi) Bid Security: 5% Bid Security should be evaluated on higher cost and deposited along with the tender form in shape of PAY ORDER / DEMAND DRAFT only in the name of Vice Chancellor, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.
- (xvii) Performance Security: Successful bidder should provide total value of Work Order in the form of Pay Order or Bank Guarantee before submission of invoice. The Performance Security shall extend at least ninety days beyond the date of completion of contract to cover defects liability period or maintenance period subject to final acceptance of by the Procurement Agency.
- (xviii) Blacklisting: The PA have right to black list the participating firm at university as well as at the government regulatory authorities, if any of information for this tender provided wrong/fake. All information given for this tender can be verified (physically) by the Procuring Agency. The participated bidder must have to show all information whichever is claimed for this tender. The bid will be rejected if the participated firm does not provide information which has been claimed. The Procuring Agency have also right to Blacklist the company if incase the project is over delayed or not completed as per our scope.
- (xix) Confidentiality: The vendor either during the term or after the expiration of this contract shall not disclose any proprietary or confidential information relating to the documents under any circumstances.
- (xx) Validity of Bid: Validity is for ninety (90) days.
- (xxi) Company Profile: Company Profile be attached with this document along with quoted item specifications.
- (xxii) OEM Partnership Certificate: Provide the OEM partnership certificate (if any).
- (xxiii) Rules, Regulations & Policies: All rules, regulations and policies will be governed in accordance to the SPPRA & SMBBMU.
- (xxiv) Price / Rate: Price / rate must be quoted on Tender Form only and submitted in sealed envelope.
- (xxv) Warranty: Means twelve months from the date of supply of the material at site & entered in stock register of the University/Indent book.

- (xxvi) Arbitration: In case of any dispute, difference or and question which may at any time arise between the parties hereto or any person under them, arising out in respect of this letter of intent or this subject matter thereof shall be referred to the Registrar of the SMBBMU and CEO of the manufacturer/supplier/distributor for arbitration/settling of the dispute, failing which the decision of the court law in the jurisdiction of LARKANA binding to the parties.
- (xxvii) General Sales Tax: General Sales Tax will be paid on applicable items only by the company/firm/agency.
- (xxviii) Government tax(es), levi(es) and charges(s): All Government taxes (including Income tax, stamp duty & SRO), levies and charges will be charged as per applicable rates / denomination of Purchase / Work Order.
- (xxix) Rights: SMBBMU reserve the right to accept or reject any or all tender(s) or terminate proceedings at any stage in accordance to the rules & regulations framed by SPPRA. SMBBMU, also reserve the right to issue Purchase Order for any single items to different lowest evaluated bidders or issue Purchase Order for all the items to any lowest evaluated bidder.
- (xxx) Tender Document: Tender Document are also available at the Office of Planning, Procurement & Logistics Officer, Vice Chancellor Secretariat, Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.
- (xxxi) Submission of Documents: Last date for tender submission is April 27, 2017 up to 10:30 am.
- (xxxii) Opening of Tender: Tender will be opened on April 27, 2017 on 11:00 am at Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.
- (xxxiii) Stamp Duty: Stamp duty 0.30% for Goods against total value of Purchase Order will be levied accordingly or as per rule.
- (xxxiv) Brochure: The bidder must have to submit complete brochure of the quoted product must showing country of origin, complete specifications, etc. (Compulsory) (Note: If not submitted with the bidding documents the bid or item would be liable to reject.)
- (xxxv) Experience: Please attached at least 3 plus year experience for this tender and must provide minimum three smiler type & size Work Orders of Government Agencies (Provide contact information of the agency/procurement office). (Compulsory)
- (xxxvi) Turn Over: Please attached last 3 plus year Turn-Over. (Compulsory)
- (xxxvii)Certificates-Sales Tax & Income Tax: Copy of Sales Tax & Income Tax Certificate should be attached. (Compulsory)

Note:

This Terms & Conditions is integral part of contract agreement besides other clauses / articles.

5. Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS.

M/S hereby declares that it has not obtained or induced the
procurement of any contract, right, interest, privilege or other obligation or benefit from Shaheed
Mohtarma Benazir Bhutto Medical University, Larkana through any corrupt business practice.
Without limiting the generality of the foregoing, M/S represents
and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to
anyone and not given or agreed to give and shall not give or agree to give to anyone within or
outside Pakistan either directly or indirectly through any natural or juridical person, including its
affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or
subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as
consultation fee or otherwise, with the object of obtaining or inducing the procurement of a
contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from Procuring
Agency (PA), except that which has been expressly declared pursuant hereto.
M/S certifies that it has made and will make full disclosure of all
agreements and arrangements with all persons in respect of or related to the transaction with PA
and has not taken any action or will not take any action to circumvent the above declaration,
representation or warranty.
M/S accepts full responsibility and strict liability for making
any false declaration, not making full disclosure, misrepresenting facts or taking any action likely
to defeat the purpose of this declaration, representation and warranty. It agrees that any contract,
right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall,
without prejudice to any other right and remedies available to PA under any law, contract or other
instrument, be voidable at the option of PA.
monanting of rotation of the
Notwithstanding any rights and remedies exercised by PA in this regard, M/S agrees
to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices
and further pay compensation to PA in an amount equivalent to ten time the sum of any
commission, gratification, bribe, finder's fee or kickback given by M/S as
aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest,
privilege or other obligation or benefit, in whatsoever form, from PA.
Note:
This integrity pact is mandatory requirement other than auxiliary services / works.
This integrity pace is mandatory requirement other than advinary services / works.
Stomp 9, Simon
Stamp & Signature

It is hereby	certified th	at the	terms	and	conditions	have	been	read,
agreed upor	and signe	1.						

11/s		
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		SIGNATURE & STAMP
		Stamp & Signa

ANNEX-A

AUDIO CONFERENCE ROOM, BIBI ASEEFA DENTAL COLLEGE, LARKANA. SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.

S. #	Item	Description	Qty
1	5-Input Mixer Amplifier	Power Source: 220 - 240 V AC, 60 Hz Rated Output: 120 W Power Consumption: 265 W (rated output), 120 W (based on cULus standards) Frequency Response: 50 Hz - 20 kHz Total Harmonic Distortion: 0.5 % or less, at 1 kHz, rated output Input: Mic: -60 dB*, 600 Ω, electronically balanced, removable terminal block Line 1: -10 dB*/TEL: -20 dB* Line 1/TEL selectable, 10 kΩ, electronically balanced, removable terminal block Line 2, 3: -10 dB*, 10 kΩ, unbalanced, removable terminal block and RCA jacks Module. Output: Speaker: 4 Ω, 25 V (5.2 Ω), 70 V (42 Ω), balanced, removable terminal block Line: 0 dB*, 600 Ω, balanced, removable terminal block Cutput Regulation: 2 dB or less, no load to full load (1 kHz) Phantom Power: On/Off switch for Mic, +24 V DC S/N Ratio: Mic: 60 dB or more, Line 1/TEL, Line 2, 3, Module: 75 dB or more (Band Pass: 20 Hz - 20 kHz, Tone Controls: Centered) Muting: Manual mute/Automatic mute Control Mic gain control, Line 1/TEL gain control, Line 2 gain control, Line 3 gain control, Module gain control, Bass tone control, Treble tone control, MOH out gain control, Module gain control, Bass tone control, Treble tone control, MoH out gain control, Line 1/TEL selector switch, Phantom power switch (Mic), Auto mute switch (Mic, Line 1/TEL, Line 2, 3, Module), MoH assign switch (Mic, Line 1/TEL, Line 2, 3, Module), MoH assign switch (Mic, Line 1/TEL, Line 2, 3, Module), Power ON/OFF switch Tone Control: Bass: ±10 dB at 100 Hz, Treble: ±10 dB at 10 kHz Operating Humidity: 35 % to 80 %RH (no condensation) Rack mounting bracket	01
2	High-Quality, Cardioids Condenser Microphone	Element: Electret condenser Polar Pattern: Cardioid Rated Impedance: 120 Ω, balanced Rated Sensitivity: -35 dB (1 kHz 0 dB=1 V/Pa) Phantom Power: 9 - 52 V DC Frequency Response: 60 Hz - 20 kHz Output Connector: XLR-3-12 equivalent Operating Temperature: 0 °C to +40 °C (32 ° F to 104 ° F) Microphone Stand:	01
3	Chairman Unit	Power Source: 36 V DC, 30 mA or less Output: Headphones/Recording: 32 Ω (headphone)/10 k Ω , -20 dB* (recording), unbalanced, mini jack (with VR) × 2 Internal speaker: 130 Ω , 200 mW (with Volume control)	01

		Control: Speech button: Microphone, speaker on-off control by speech switch Priority button: Microphone, speaker on-off, other microphone cutoff, and single-tone chime activation Operating Temperature: 0 °C to +40 °C (32 ° F to 104 ° F) Operating Humidity: 90 %RH or less (no condensation)	
4	Delegate Unit	Power Source: 36 V DC, 30 mA or less Output: Headphones/Recording: 32 Ω (headphone)/10 kΩ, -20 dB* (recording), unbalanced, mini jack (with VR) × 2 Internal speaker: 130 Ω, 200 mW (with Volume control) Control: Speech button: Microphone, speaker on-off control by speech switch Operating Temperature: 0 °C to +40 °C (32 ° F to 104 ° F) Operating Humidity: 90 %RH or less (no condensation)	22
5	Extension Cord	Cable Length: 20 m (64.81 ft) Connector: 8 pins DIN socket (going to the unit's base 8 pins DIN plug (going to the cord)	01
6	Central Unit	Power Source: 220 - 240 V AC, 50/60 Hz Power Consumption: 120 W Rated Output: 36 V DC, 650 mA × 2 Input: MIC: -60 dB*, 600 Ω, unbalanced, phone jack AUX: -20 dB*, 10 kΩ, unbalanced, phone jack Output: Recording: -20 dB*, 10 kΩ, unbalanced, phone jack, pin jack × 2 Headphones: Mini jack Equalizer Insertion Input Terminal: Input: 0 dB*, 10 kΩ, pin jack Expansion Input and Output Terminal: Input: 0 dB*, 10 kΩ, unbalanced, pin jack × 2 Output: 0 dB*, 10 kΩ, unbalanced, pin jack × 2 Control: 10 kΩ or more, voltage output, pin jack × 2 Control: Priority speech chime: priority button activates a single-tone chime Speaker restriction: Number of simultaneously-usable can be set to 0 - 4. Automatic Mic-off function: OFF, 30 s (selectable) Feedback Suppressor function (FBS): EXT, OFF, AUTO, MANUAL mode (selectable) MP3 recording and playback Operating Temperature: 0 °C to +40 °C (32 ° F to 104 ° F) Operating Humidity: 90 %RH or less (no condensation)	01
7	Speakers	Rated Input: $6 \text{ W} (100 \text{ V line})$, $3 \text{ W} (70 \text{ V line})$ Rated Impedance: 100 V line : $1.7 \text{ k}\Omega (6 \text{ W})$, $3.3 \text{ k}\Omega (3 \text{ W})$, $6.7 \text{ k}\Omega (1.5 \text{ W})$, $13 \text{ k}\Omega (0.8 \text{ W})$ 70 V line: $1.7 \text{ k}\Omega (3 \text{ W})$, $3.3 \text{ k}\Omega (1.5 \text{ W})$, $6.7 \text{ k}\Omega (0.8 \text{ W})$, $13 \text{ k}\Omega (0.4 \text{ W})$ Sensitivity: $90 \text{ dB} (1 \text{ W}, 1 \text{ m}) (500 \text{ Hz} - 5 \text{ kHz}, \text{pink noise})$ Frequency Response: $55 \text{ Hz} - 18 \text{ kHz}$ (peak -20 dB) Speaker Component: $12 \text{ cm} (5") \text{ cone-type}$ Speaker Mounting Method: Spring clamp Dimensions for Fixing Hole: Mounting hole: $\phi 150\pm 3 \text{ mm}$ ($\phi 5.91"\pm 0.12"$) Ceiling thickness: $5 - 25 \text{ mm} (0.2" - 0.98")$ Applicable Cable: $600 \text{ V} \text{ vinyl-insulated}$ cable (IV wire or HIV wire) Solid copper wire: $\phi 0.8 - \phi 1.6 \text{ mm}$ (equivalent to AWG $20 - 14$) 7-core twisted copper wire: $0.75 - 1.25 \text{ mm}$ (equivalent to AWG $18 - 16$)	04

		Connection: Push-in connector (bridging terminal-2 branch type)	
8	Wireless Mic	Microphone Element: Dynamic microphone unit: Unidirectional Modulation: Frequency modulation Frequency Range: 576 - 865 MHz*, UHF Channel Selectable: 64 channels (the number of channels RF Carrier Power: Less than 50 mW (Factory Tone Frequency: 32.768 kHz Oscillator: PLL synthesized Maximum Input Level: 142 dB SPL Maximum Deviation: ±40 kHz Audio Frequency Response: 80 Hz - 15 kHz Dynamic Range (AF Circuit): 95 dB or more Battery: AA alkaline dry cell battery Battery Time: Approx. 10 h Indicator: Power/Battery lamps Antenna: Built-in type Operating Temperature: -10 °C to +50 °C (14 °F to 122 °F) Operating Humidity: 30 % to 85 %RH	01
9	Speaker Wire	Wire: Speakers Wire coil (Copper)	01 Coi
10	Rack Mount	Wall Mount Rack Finish: Top, Bottom: Surface-treated steel plate, t1.2, off-white, mat finish paint Side panel: Surface-treated steel plate, t1.6, off-white, mat finish paint Rear panel: Surface-treated steel plate, t1.0, off-white, mat finish paint Dimensions: 546 (W) × 674.5 (H) × 420 (D) mm (21.5" × 26.56" × 16.54") Weight: 20.3 kg (44.75 lb) Complete with all required accessories.	01
11	UPS	2 KVA (online)	01
12	Electrical work, Installation & Configuration	Sockets, (Bosh or equivalent), Boards, Concealed wiring, Labor & other charges.	1 job

Note: All equipment/items must have two years' comprehensive warranty with parts & labor on site.

Scope: The scope includes supply, handling, storage of complete parts, accessories, hardware and software required to install, test and commission the complete solution.

Annex-B

CCTV Installation Directorate of Finance, SMBBMU, Larkana.

S. #	Item Description	Quantity
01	CCTV Network Video Recorder (NVR) Supports Up to 16 network cameras can be connected. Supports up to 5 Megapixel Resolution Simultaneous HDMI and VGA outputs at up to 1920×1080 resolution. Lock and Unlock Archives Hard Disk Interface Two SATA Interface 2 HD Working temperature 10° C to 55° C Recording resolution 5mp/3pm/1080p/720p/CIS	01
02	CCTV Video Camera 3MP 2.8~12mm Varifocal Lens Full HD 1080p real-time video True Day & Night with ICR 3D DNR, DWDR & BLC IR Range: up to 30m IP66 Weatherproof	06
03	CCTV Camera Housing Indoor / Outdoor Heater Sunshield Aluminum Operating Temperature oC: -40 ~ +50 C (-40 ~ +122 F) Voltage: 230 V AC	20
04	Duct Patti Pure PVC Material Large Size Range Tested By PCSIR No Cracking or Breaking High Wall Thickness High Tensile Strength High Flexibility Different Sizes 16x16mm to 33x33mm Adamjee	2000 feet / As per actual
05	Power Plug complete Plug, Socket, Box and plate	25 / As per actual
06	Adopter 12 Volt	20
07	UTP Cable 4 pair Pure Copper	3000 Feet / As per actual
08	Power Cable copper	3000 feet / As per actual
09	UPS 2KV Wave Form: Pure Sign wave Transfer Time: Zero Conversion Capacity: 2KVA Input Voltage: 110-300V Battery: Sealed Lead Acid Battery Maintenance Free 12 Volt, 7 Amp	2

	Phase: Single Phase	
	Output Voltage: 200V/208V/220V/230V/240V	
	Application: Computer, Networking, Other, Security / Monitoring / Alarm, Telecommunications	
	Protection: Overvoltage	
	RS232 and USB communications port with software for controlling the PC for safe	
	shutdown and UPS parameter reporting via user friendly interface Backup Time: 2 Hours (Minimum)	
10	Wall mount rack 4u Basic Frame Steel Construction Welded / CKD Front Door with Toughened Glass quality Adjustable Mounting rails - Front and Back 1 Fan Mounting provision Top and bottom cable entry provides Optimal flexibility for cable management Easy wall mount provision Easy Installation - Standing / Wall Mounting option Frame structure with max loading capacity up to 60kg Compatible with 19" International standards Top & Bottom Cover Welded to Frame with Cable entry exit cut outs	1
11	L Shape Wall Mount Bracket for UPS Color White Material: Al-alloy / steel Max. Load: 40 KG Mount Kit included	2
12	LED 55" inches Without Wi-Fi Haier/Samsung or Equivalent	

Note: All equipment/items must have one year comprehensive warranty with parts & labor on site.

Scope: The scope includes supply, handling, storage of complete parts, accessories, hardware and software required to install, test and commission the complete solution.