

NO.F.1-8/2017-18-AD(M)/JPMC 332
GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI-75510

Dated 13 February, 2018

✓ The Managing Director,
Sindh PPRA,
Government of Sindh,
Karachi.

SUBJECT:- PUBLICATION OF TENDER NOTICE.

Please find enclosed herewith a copy of Tender Notice for the purchase of Machinery & Equipment through ADP scheme "Strengthening & Improvement of JPMC, Karachi" for the year 2017-18 of JPMC, Karachi. The said tenders have also been sent to Provincial Information Department, Government of Sindh, for the publication in news paper.

It is requested to hoist the enclosed tender notice on your web site, as soon as possible.


(DR. SEEMIN JAMALI)
EXECUTIVE DIRECTOR

DR. SEEMIN JAMALI
Executive Director
J.P.M.C. Karachi

Copy to:-

SPPRA INWARD DIARY
NO : 5717
DATED : 13-2-2018

The Deputy Director (MRSS) for hoisting of tender advertisement on the web-site of JPMC, Karachi.



GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI

PHONE: 021-99201300

FAX NO. 021-99223370

NO. F.1-8/2017-18/AD(M)/JPMC

DATED 08-02-2018

TENDER NOTICE

- 1- The Executive Director, JPMC, Karachi now invites sealed bids in accordance with SPP Rule 46(2) "Single Stage - Two Envelope Procedures" from well reputed and original manufacturers or their Authorized Dealers / Distributors registered with Sindh Revenue Board (SRB) for Sales Tax and Federal Board of Revenue (FBR) for Income Tax for the Purchase of Machinery & Equipment / Furniture & Fixture etc. under (Revenue Component) in respect of ADP Development Scheme "Strengthening & Improvement of Jinnah Postgraduate Medical Centre, Karachi" during financial year 2017-18.
- 2- The Bidding Document of Machinery & Equipment / Furniture & Fixture etc. containing specifications, terms and conditions including other details can be obtained from the cashier of this Centre against cash payment from the Date of Publication up to 02-03-2018 during official working hours, against the tender fee amount of Rs. 3000/- Only.
- 3- The bidders are required to submit their sealed tender documents/Bids, comprise a single package containing two separate envelopes. Each envelop shall contain separately the financial proposal and the technical proposal. The Envelops shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letter to avoid confusion; on or before 03-03-2018 at 12:00 NOON at Hall No. B, Najumuddin Auditorium, Jinnah Postgraduate Medical Centre, Karachi.
- 4- Only Technical Bids/ Proposals will be opened on 03-03-2018 at 12:30 PM before the procurement committee in the presence of bidders/ their representative of the firms at the above mentioned Hall.
- 5- A pre-bid meeting will be held for all interested bidders on 21-02-2018 at 09:00 PM at the above mentioned Hall.
- 6- The Bid Security of 2.5% of the quoted price must be submitted along with bids on bid submission date in the shape of Pay Order/ Bank Draft in the name of "Executive Director, Jinnah Postgraduate Medical Centre, Karachi". The bid validity period is (90) days as per SPPRA Rules 2010 (Amended 2017).
- 7- In case of public Holiday, the bids shall be submitted and opened as per given schedule on the next working day.
- 8- The bidding documents can be download from SPPRA website (www.spprasindh.gov.pk) and also JPMC website (www.jpmmc.edu.pk) but the bidder must submit the tender fee in prescribed manner along with technical bid.
- 9- Procurement Committee reserves the right to accept or reject any or all bids prior to award/acceptance of contract as per relevant provisions of SPPRA Rules 2010 (Amended 2017).


DR. SEEMIN JAMALI
EXECUTIVE DIRECTOR

DR. SEEMIN JAMALI
Executive Director
J.P.M.C. Karachi

BIDDING DATE SHEET

Procuring Agency	:	The Executive Director, Jinnah Postgraduate Medical Centre, Karachi.
Address	:	Rafiqui Shaheed Road, Karachi
Name of Items	:	Machinery & Equipment through (ADP) scheme "Strengthening & Improvement of JPMC Karachi for the year 2017-18
Bid Validity	:	90 days (As per SPP Rules-2010)
Amount of Bid Security	:	2.5% of Bid Quoted Item
Date of Submission	:	As per Tender Enquiry
Date of Opening	:	As per Tender Enquiry
Performance Security	:	10% of Contract Value
Language of Bid	:	English
Bidding Procedure	:	Single Stage – Two Envelope Procedure
Eligibility Criteria/ Technical Evaluation Criteria	:	As per Annexure-A
Advance Payment	:	No Advance Payment
Inspection Authority	:	Store Incharge/Deputy Director(Medical)
Place of Inspection	:	Instrument Section (JPMC)
Place of Delivery	:	Instrument Section (JPMC)



ADMM
ADMM
NOTIFICATION

Government of Sindh
Health Department

No.HD (P&E) 6-1 (4) / 2015. The Government of Sindh, Health Department is pleased to constitute a Procurement Committee under Rule-7 of Sindh Public Procurement Rules 2010 Amended 2017 comprising of following members for Purchase of Machinery & Equipment, in respect of ADP scheme "STRENGTHENING AND IMPROVEMENT OF JINNAH POSTGRADUATE MEDICAL CENTRE (JPMC) KARACHI"

✓ 1	Prof. Tariq Mahmood Head of Radiology, Cyberknife & Oncology Dept. JPMC	Chairman
2	Dr. A.R. Jamali Prof. of Orthopedic Surgery, JPMC	Member
3	Representative from Health Department (Dev Wing)	Member
4	Representative from Accountant General Sindh,	Member
5	Representative from Deputy Commissioner Karachi South	Member

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

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

Technical Members / Co-opted members

1. Dr. Nousheen Ahmed
Incharge. Dept. of Chest Medicine, JPMC
2. Dr. Muhammad Nadeem Munir
Incharge Dept. of Anesthesiology, JPMC
3. Dr. Yahya Khan Tunio
Deputy Director (Admin), JPMC
4. Dr. Assadullah
Assistant Director (Medical), JPMC

(DR.FAZLULLAH PECHUHO)
Secretary Health

NO.HD (P&E) 6-1 (4) / 2015.

Karachi, dated

01-01-2018

C.c. to:

1. The Accountant General Sindh, Karachi with a request to nominate the member or his representative for above said committee.
2. The Executive Director Jinnah Post graduate Centre, Karachi.
3. The Managing Director, Sindh Public Procurement Regulatory authority, Karachi..
4. The Deputy Commissioner (South) Karachi with a request to nominate the member or his representative for above said committee.
5. All the member of Committee.
6. P.S. to Secretary, Health Department, Govt. of Sindh, Karachi.

Research Officer (Dev)



GOVERNMENT OF SINDH
HEALTH DEPARTMENT

NOTIFICATION

No. SO(PM&I)2-1/16-17/PM-05(JPMC): In pursuance of Rule 31 of Sindh Public Procurement Rule 2010 (Amended 2017) the Government of Sindh Health Department is pleased to constitute a Complaint Redressal Committee (CRC) comprising the following Officers for scrutinizing the complaints of aggrieved bidders against tender inviting by Jinnah Postgraduate Medical Centre Karachi.

01.	Dr. Seemin Jamali, Executive Director, Jinnah Postgraduate Medical Centre Karachi.	Chairman
02.	Representative from Accountant General Sindh Karachi.	Member
03.	Mr. Azhar Farooqui, Former Federal Ombudsmen	Member

TORs

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

SECRETARY HEALTH

No. SO(PM&I)2-1/16-17/PM-05(JPMC):

Karachi, dated: 10th April, 2017

C.C to:

1. The Director General Health Services Sindh, Hyderabad.
2. The P.S. to Chief Secretary Sindh, Karachi.
3. The Managing Director, Sindh Public Procurement Regulatory Authority, Karachi.
4. The Special Secretary/Adl. Secretary (Admn/Development/Public Health) Health Department.
5. The Chairman & all members of the Committee.
6. The P.S. to Secretary Health.


(NAVEED ATIMED SOOMRO)
SECTION OFFICER (PM&I)

GOVERNMENT OF SINDH
 JINNAH POSTGRADUATE MEDICAL CENTRE
 KARACHI-75510
 ANNUAL PROCURMENT PLAN
 FOR THE FINANCIAL YEAR 2017-18

S#	Description of Procurement	Quantity (Where applicable)	Estimated Unit Cost (Where applicable) (Million)	Funds allocated (Million)	Source of Funds (ADPs Non ADPs)	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
1	Purchase of Machinery/Equipment through ADP Scheme "Strengthening & Improvement of JPMC, Karachi"	40 Items	132.417 million	132.417 million	ADP	Tender SPPRA 46(2)			January-February		



(DR. SEEMIN JAMALI)
 Executive Director

MAGAZINE
WEEKENDAre you ready for the action packed issue this week?
We talk about fashion, art, lifestyle and so much more! Stay tuned

WEATHER

ISLAMABAD
04°C/28°CLAHORE
07°C/24°CKARACHI
14°C/28°C

The Nation

JAMADUL AHWAL 29, 1439
SUNDAY,
FEBRUARY 11, 2018

GOVERNMENT OF SINDH JINNAH POSTGRADUATE MEDICAL CENTRE KARACHI

PHONE: 021-99201300
NO.F.1-8/2017-18/AD(M)/JPMCFAX NO: 021-99223370
DATED 08-02-2018

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- 8- The bidding documents can be download from SPPRA website (www.spprasindh.gov.pk) and also JPMC website (www.jpmmc.edu.pk) but the bidder must submit the tender fee in prescribed manner along with technical bid.
- 9- Procurement Committee reserves the right to accept or reject



حکومت سندھ

جناح پوسٹ گریجویٹ میڈیکل سینٹر، کراچی

فون: 021-99201300 فیکس: 021-99223370

نمبر: F.1-9/2017-18/AD(M)/JPMC تاریخ: 08-02-2018

ٹینڈر نوٹس

1- ایگزیکٹو ڈائریکٹر، JPMC، کراچی کو SPP (2)46 کے تحت "سنگل اسٹیج دولٹانوں کے طریقہ کار" پر "جناح پوسٹ گریجویٹ میڈیکل سینٹر، کراچی کی ورگی اور بہتری" کے لئے مشینری اور ایکویپمنٹ / فرنیچر اینڈ فیکٹری وغیرہ کی ADP ڈیولپمنٹ اسکیم کے سلسلے میں سال 2017-18 کے دوران خریداری کے لئے سٹیٹنگس کے لئے سندھ ریونیو بورڈ (ایس آر بی) اور آگمنٹس کے لئے فیڈرل بورڈ آف ریونیو (ایف بی آر) کے ساتھ رجسٹرڈ نامور اور حقیقی مینوفیکچررز یا ان کے مجاز نمائندگان سے سر، مہر ٹینڈرز مطلوب ہیں،

2- کوائف، شرائط و ضوابط بشمول دیگر تفصیلات پر مشتمل بولی دستاویز اتاس سینٹر کے ڈسٹرکٹ دفتر سے تاریخ اشاعت سے 02-03-2018 تک آفیشل کام دلائینوں کے دوران 30000 روپے کی ادائیگی پر حاصل کئے جاسکتے ہیں۔

3- پیشکش دہندگان سے درخواست ہے کہ اپنے سر، مہر ٹینڈر بولی دستاویزات سنگل بیڈنگ پر مشتمل دو ٹیچرہ لفافوں پر ہی ہوگا۔ ہر لفافہ میں فنڈیشنل تجویز اور ٹیکنیکل تجویز ٹیچرہ ٹیچرہ سر، مہر ہوں گی۔ لفافہ پر ٹیکنیکل تجویز اور فنڈیشنل تجویز کسی بھی طرح کی پریشانی سے بچنے کے لئے سونے اور تحریر کرنے ہوں گی۔ ٹینڈرز ہال نمبر - B عجم الدین آڈیٹوریم، جناح پوسٹ گریجویٹ میڈیکل سینٹر، کراچی پر 03-03-2018 کو دوپہر 12:00 بجے یا اس سے پہلے آجائیں۔

4- صرف ٹیکنیکل بولی / تجاویز 03-03-2018 کو دوپہر 12:30 بجے پروکیورمنٹ کمیٹی کے روبرو فرسوں کے پیشکش دہندگان کی موجودگی میں مندرجہ بالا ہال میں کھولی جائیں گی۔

5- اجلاس سے قبل ایک میٹنگ 21-02-2018 کو صبح 9:00 بجے منعقد کیا جائے گا۔

6- کوٹ کی گئی لاگت کے 2.5 فیصد کے برابر بولی سیکورٹی بصورت بے آر ڈر / ڈیمانڈ ڈرافٹ بنام ایگزیکٹو ڈائریکٹر جناح پوسٹ گریجویٹ میڈیکل سینٹر کراچی۔ ویلیدٹی کی مدت SPRA رولز 2010 (ترمیم شدہ 2017) کے مطابق (90) دن۔

7- عوامی پھٹی ہونے کی صورت میں، پیشکشیں دئے گئے شیڈول کے مطابق آئندہ روز جمع کی جائیں گی اور کھولی جائیں گے۔

8- بولی دستاویزات SPRA کی ویب سائٹ www.spprasindh.gov.pk اور JPMC کی ویب سائٹ www.jpmc.edu.pk سے ڈاؤن لوڈ کئے جاسکتے ہیں لیکن پیشکش دہندہ کو ٹینڈر فیس جمع کرانی ہوگی۔

9- پروکیورمنٹ کمیٹی SPRA رولز 2010 (ترمیم شدہ 2017) کے متعلقہ قوانین کے تحت ٹینڈر دئے جانے / قبول کئے جانے سے پہلے کسی بھی یا تمام پیشکشوں کو قبول یا مسترد کرنے کا حق محفوظ رکھتی ہے۔

دستخط

ڈائریکٹر سبکی جمالی

انگرننگ، ایگزیکٹو

گورنمينٽ آف سنڌ
جناح پوسٽ گريجوئيٽ ميڊيڪل سينٽر
ڪراچي



فون: 021-99201300، فیکس: 021-99223370

No. F.1-8/2017-18/AD(M)/JPMC Dated: 08-02-2018

ٽيڪنڪل ٽائين

1. ايگزيڪيوٽو ڊائريڪٽر، JPMC، ڪراچي هاڻ مالي سال 2017-18 دوران اي ڊي پي ڊولپمينٽ اسڪيم ”جناح پوسٽ گريجوئيٽ ميڊيڪل سينٽر ڪراچي جي اسٽريٽنگ ۽ سڌاري واسطي“ جي ڏس ۾ (روينيو ڪميونٽي) هيٺ مشينري ۽ ايڪيورمينٽ/فرنچيز ۽ فڪسچر جي خريداري لاءِ SPP رول (2) 46 مطابق ”سنگل اسٽيج-ٽو اينويلب پروسيجرز“ تحت سٺي ساڪ رکندڙ اصل مينوفڪچررز يا سندن مجاز ڊيلرن/ڊسٽريبيوٽرز کان مهربند واک گهرائي ٿو، جيڪي سنڌ روينيو بورڊ (SRB) وٽ سيلز ٽيڪس ۽ فيڊرل بورڊ آف روينيو (FBR) وٽ انڪم ٽيڪس لاءِ رجسٽرڊ ٿيل هجن.
2. اسپيسيفڪيشنز، شرطن ۽ ضابطن تي مشتمل ۽ ٻين تفصيلن سميت مشينري ۽ ايڪيورمينٽ/فرنچيز ۽ فڪسچر جا واک ڪاغذ هن سينٽر جي ڪيشيئر کان نقد ادائگي ڪرڻ تي اشاعت واري تاريخ کان 02-03-2018 تائين سرڪاري ڪم ڪار جي وقتن ۾ 3000 روپين جي ٽينڊر في ادائگي ڪرڻ عيوض وٺي سگهجن ٿا.
3. واک ڏيندڙن کي سنگل پئڪيج بن الڳ الڳ لفافن تي مشتمل پنهنجا مهربند ٽينڊر ڪاغذ/واڪ امائڻ لاءِ گهربل آهن. هر هڪ لفافو الڳ الڳ فنانشل پروپوزل ۽ ٽيڪنيڪل پروپوزل تي مشتمل هوندو. گهڙو کان پوءِ لاءِ ٿلهن ۽ واضح لفظن ۾ لفافن تي ”فنانشل پروپوزل“ ۽ ”ٽيڪنيڪل پروپوزل“ لکڻ گهرجي ۽ اهي 03-03-2018 تي منجهند 12 وڳي تائين يا ان کان اڳ هال نمبر. بي، نجر الدين آڊيٽوريم، جناح پوسٽ گريجوئيٽ ميڊيڪل سينٽر، ڪراچي ۾ پهچڻ گهرجن.
4. 03-03-2018 تي منجهند 12:30 وڳي مٿي ڄاڻايل هال ۾ ٽيڪنيڪل واک/پروپوزل پروڪيورمينٽ ڪميٽي آڏو واک ڏيندڙن/فرمن جي نمائندن جي روبرو کوليا ويندا.
5. سهڻي دلچسپي رکندڙ واک ڏيندڙن لاءِ هڪ پري-بڊ گڏجاڻي 21-02-2018 تي صبح 9 وڳي مٿي ڄاڻايل هال ۾ منعقد ڪئي ويندي.
6. ڄاڻايل قيمت جو 2.5% واک سيڪيورٽي پي آرڊر/بينڪ ڊرافٽ جي صورت ۾ ”ايگزيڪيوٽو ڊائريڪٽر، جناح پوسٽ گريجوئيٽ ميڊيڪل سينٽر، ڪراچي“ جي نالي ۾ واکن امائڻ جي تاريخ تي واکن سان لازمي امائڻ وڃي. واک جي ڪارگر هئڻ جو مدو SPPRA رولز، 2010 (ترميم ٿيل 2017) مطابق 90 ڏينهن آهي.
7. عام موڪل جي حالت ۾ واک ورندي ڪم ڪار واري ڏينهن تي ڏنل پروگرام مطابق کوليا ويندا.
8. واک ڪاغذ SPPRA ويب سائٽ: (www.spprasindh.gov.pk) ۽ پڻ JPMC جي ويب سائٽ: (www.jpmc.edu.pk) تان ڏاٽون لوڊ ڪري سگهجن ٿا پر واک ڏيندڙ ٽينڊر في تجويز ڪيل طريقي تي ٽيڪنيڪل بڊ سان گڏ امائين.
9. پروڪيورمينٽ ڪميٽي SPPRA رولز 2010 (ترميم ٿيل 2017) جي واسطيدار قرن مطابق ڪانٽريڪٽ ڏيڻ/قبوليت کان اڳ ڪنهن به واک کي قبول/رد يا سهڻي واکن کي رد ڪرڻ جو حق محفوظ رکي ٿي.

ايگزيڪيوٽو ڊائريڪٽر

INF/KRY.No.775/2018

GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI



**Tender for the Purchase of Machinery &
Equipment / Furniture & Fixture etc. through ADP
Scheme " Strengthening & Improvement of
Jinnah Postgraduate Medical Centre Karachi.**

Tender No. F.1-8/2017-18/AD(M)/JPMC

Due on: 03-03-2018

GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI-75510



TENDER DOCUMENT

TENDER NO.F.1-8/2017-18/AD(M)/JPMC

TENDER FOR THE PURCHASE OF MACHINERY & EQUIPMENT / FURNITURE & FIXTURE ETC. THROUGH ADP SCHEME "STRENGTHENING & IMPROVEMENT OF JINNAH POSTGRADUATE MEDICAL CENTRE KARACHI FOR THE YEAR 2017-18

DUE ON 03-03-2018

COST OF TENDER	Rs. 3000/= (Rupees Three Thousand Only) non refundable
TENDER SELLING DATE	From the Date of Publication up to 02-03-2018
TENDER SUBMISSION PLACE	Hall-B, Najamuddin Auditorium, JPMC, Karachi.
TENDER SUBMISSION DATE	03-03-2018
TENDER SUBMISSION TIME	09:00 AM to 12:00 NOON
TENDER OPENING PLACE	Hall-B, Najamuddin Auditorium, JPMC, Karachi.
TENDER OPENING DATE	03-03-2018
TENDER OPENING TIME	12:30 PM

Note: No tender will be accepted after closing the Tender box, What so ever reason may be.



GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI



PHONE: 021-99201300

FAX NO. 021-99223370

NO. F.1-8/2017-18/AD(M)/JPMC

DATED 08-02-2018

TENDER NOTICE

- 1- The Executive Director, JPMC, Karachi now invites sealed bids in accordance with SPP Rule 46(2) "Single Stage - Two Envelope Procedures" from well reputed and original manufacturers or their Authorized Dealers / Distributors registered with Sindh Revenue Board (SRB) for Sales Tax and Federal Board of Revenue (FBR) for Income Tax for the Purchase of Machinery & Equipment / Furniture & Fixture etc. under (Revenue Component) in respect of ADP Development Scheme "Strengthening & Improvement of Jinnah Postgraduate Medical Centre, Karachi" during financial year 2017-18.
- 2- The Bidding Document of Machinery & Equipment / Furniture & Fixture etc. containing specifications, terms and conditions including other details can be obtained from the cashier of this Centre against cash payment from the Date of Publication up to 02-03-2018 during official working hours, against the tender fee amount of Rs. 3000/- Only.
- 3- The bidders are required to submit their sealed tender documents/Bids, comprise a single package containing two separate envelopes. Each envelop shall contain separately the financial proposal and the technical proposal. The Envelops shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letter to avoid confusion; on or before 03-03-2018 at 12:00 NOON at Hall No. B, Najumuddin Auditorium, Jinnah Postgraduate Medical Centre, Karachi.
- 4- Only Technical Bids/ Proposals will be opened on 03-03-2018 at 12:30 PM before the procurement committee in the presence of bidders/ their representative of the firms at the above mentioned Hall.
- 5- A pre-bid meeting will be held for all interested bidders on 21-02-2018 at 09:00 PM at the above mentioned Hall.
- 6- The Bid Security of 2.5% of the quoted price must be submitted along with bids on bid submission date in the shape of Pay Order/ Bank Draft in the name of "Executive Director, Jinnah Postgraduate Medical Centre, Karachi". The bid validity period is (90) days as per SPPRA Rules 2010 (Amended 2017).
- 7- In case of public Holiday, the bids shall be submitted and opened as per given schedule on the next working day.
- 8- The bidding documents can be download from SPPRA website (www.spprasindh.gov.pk) and also JPMC website (www.jpmc.edu.pk) but the bidder must submit the tender fee in prescribed manner along with technical bid.
- 9- Procurement Committee reserves the right to accept or reject any or all bids prior to award/ acceptance of contract as per relevant provisions of SPPRA Rules 2010 (Amended 2017).

DR. SEEMIN JAMALI
EXECUTIVE DIRECTOR



Small, illegible marks or characters in the top right corner.

NO.F.1-8/2017-18/AD(M)/IPMC
GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI-75510



Tender for the Purchase of Machinery & Equipment / Furniture & Fixture etc. through
ADP Scheme "Strengthening & Improvement of Jinnah Postgraduate Medical Centre
Karachi".

INSTRUCTIONS TO BIDDERS / TERMS AND CONDITIONS

Tenders are required to comply the clauses mentioned in the terms and conditions of the tender (as per requirement of Items) and any deviation/breach will forbid them from competing in the tender.

- 1) Bids shall remain valid for 90 days from the date of opening. A bid valid for a shorter period shall be rejected as being non-responsive.
- 2) Prices should be quoted on C.I.F and D.D.P basis.
- 3) Price should be quoted in Figures & words both, failing which the offer will be ignored.
- 4) The Bidder shall prepare bid comprise a single package containing two separate envelopes. Each envelop shall contain separately the financial proposal and the technical proposal. The Envelops shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letter to avoid confusion.
- 5) In Technical Proposal the bidder must provide the original Data sheet and Technical brochure, Income Tax certificate, Sales Tax certificate, Sole Agency certificate and other documents; otherwise the bid will be ignored. A photocopy of the earnest money in shape of Bank Draft/ Pay Order should be attached with Technical Proposal but its value must not be disclosed and this can be achieved by placing a piece of paper on the place where amount is mentioned.
- 6) The technical bid submitted by the Bidder shall comprise the following documents:
 - (a) The original tender purchase receipt.
 - (b) Bid security (Photocopy of the earnest money without amount).
 - (c) Bidders shall purchase separate tender document and furnish purchase receipts for alternate offer, in case they want to submit alternate offer. Any item's bid with alternate offers without separate purchase receipt (Original) is supposed to be rejected.
 - (d) A detail data sheet having description of the essential technical and performance characteristics of the offered equipment.
 - (e) The original catalogue must accompany with offer and the equipment should comply/certified at CE/FDA approved.
 - (f) Only sole agent/distributor should submit their bid. No sublets are allowed.
 - (g) Sole agency certificate of the quoted item from the Manufacturer must be attached by the bidder. The sole agency certificate should be valid for at

least three years from the date of issuance. Authorization certificate from Manufacturer only for this tender will not be accepted.

- (h) Bidder should have at least more than two years business history with the Manufacturer except new expansions.
- (i) Bidder should submit documentary proof of their past import of quoted model from the same Manufacturer.
- (j) A certificate from the manufacturer that they are the original Manufacturer of the quoted machines must be attached with the bidding documents. It should be confirmed by Manufacturer that the offered machine / equipment is designed and manufactured in their own factory. Address of the factory should be mentioned in the certificate.
- (k) The bidder shall furnish minimum three years' experience in similar field with documentary proof i.e. copy of previous purchase order, installation certificate, service/maintenance certificate.
- (l) The bidding firm must have been registered with Income tax, Sale Tax, Professional Tax and Sindh Service Revenue Board.
- (m) The bidding firm must be registered with PNRA department for minimum past three years (for x-ray items).
- (n) Bidder must enclose a list of users in Sindh / Pakistan of the quoted items. Bidder must submit the proof for the availability of trained engineers qualified persons for the offered equipment / system at Karachi for after sale service.
- (o) Copy of valid Professional Tax (Excise & Taxation) Certificate, Income Tax Certificate, GST Registration Certificate should be attached with the technical bid.
- (p) The bidder shall furnish three years Income Tax Return Certificate.
- (q) The bidder shall furnish copy of ATL (Active Tax Payer List certificate).
- (r) The bidder shall furnish a valid registration certificate with Karachi Chamber of Commerce & Industries.
- (s) The Bidder must enclose list of Hospitals/Institutes where they have supplied the quoted equipment in Sindh and all over Pakistan. It is mandatory to attach documentary evidence that the bidder participating in this tender imported, supplied and installed the equipment at hospitals' site.
- (t) Bidder must submit details regarding the after sale service, availability of workshop in Sindh, trained and qualified engineers on their pay role stationed in Sindh, engineer's training from Manufactures etc.
- (u) The service manual with circuit diagram must be provided (for equipment).
- (v) The bidder must confirm free Installation / Demonstration at consignee's end as specified, three years free Service from the date of installation and availability of spare parts for 10 years.

- (w) The supplier will be bound to supply the price list of spare parts and consumable at the time of tender which should be valid for three years after warranty.
- (x) The supplier will be bound to provide free service during warranty period and to supply spare parts accessories of the supplied equipment on demand.
- (y) Tenderers shall submit an undertaking on judicial stamp paper of Rs. 100/- confirming that if a purchase order is placed then the equipment to be supplied (equipment/machinery) will be original, brand new product / latest model and none of the part is refurbished, replaced or old.
- 7) The financial bid submitted by the Bidder shall comprise the following documents:
- a) The Bidder shall furnish a bid security @ 2.5% of the quoted value in the form of a Pay Order / Bank Draft.
 - b) The quoted prices must be mentioned in the price schedules (tender documents) and on letter head with the complete details as offered in the technical bid.
 - c) Price should be quoted in figure as well as in words.
- 8) The prices quoted by the Bidder shall be fixed during the performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price or conditional will be treated as non-responsive and rejected.
- 9) Prices of imported items should be quoted in both C.I.F & D.D.P basis.
- 10) For Purchase on C&F/CFR (Cost and freight) basis, The Letter of Credit has to open in the name of Executive Director, JPMC, Karachi. A copy of all documents should be submitted to JPMC time to time. JPMC should be the consignee / notify party of the equipment.
- 11) For Purchase on C&F/CFR (Cost and freight) basis, JPMC will issue Contract/Purchase Order. The vendor will be responsible for all works & charges regarding the import of equipment i.e. from opening of L/C to delivery and installation of equipment. JPMC Administration will provide help as and when required.
- 12) JPMC Administration will assist the vendor in clearing the consignment; JPMC will provide Undertaking and other letters for the exemption of the payment of Sale Tax, Customs charges, Income Tax and other taxes applicable on such import.
- 13) All the (applicable) Government taxes (Income Tax / Stamp Duty) of the value of the contract amount will be deducted from the bills of the Contractors / Suppliers.
- 14) The purchaser will open only the envelopes marked "Technical Proposal" in the presence of Bidders or their representatives who choose to be present at the time of bid opening date, time and place specified in the tender documents. The Bidder or their representative who are present shall sign the attendance sheet.
- 15) Initially the bids will be scrutinized on basis of required documents mentioned in instructions to bidder and general terms and conditions of the tender. Only those



bids will be further evaluated on the basis of technical specification that are qualified in the initial scrutiny.

- 16) The envelope marked "Financial Proposal" shall be retained in the custody of procurement agency (purchaser without being opened till the completion of the Technical Evaluation.
- 17) Initially Bid evaluation will be carried out after that Technical Specification will be evaluated by Technical Committee on the basis of the data sheet and the literature provided / submitted by the firm at the time bid submission. Financial bids of only technical qualified firms will be opened.
18. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.
19. The bid shall contain no alterations, omissions, or additions, unless such corrections are initialed by the person or persons signing the bid.
20. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity, or between subtotals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the Bidder does not accept the correction of errors, its bid will be rejected.
22. The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of contract under the relevant provisions of SPP Rules 2010 (Amended 2017), without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Purchaser's action.
23. The Purchasers reserves the rights to increase or decrease the quantity as per SPP Rule-2010 (Amended 2017).
24. Prior to the expiration of the period of bid validity, the Purchaser will notify the successful Bidder through Advance acceptance. This will constitute the formation of the contract. Within seven (07) days after receipt of the Advance acceptance, the successful Bidder shall furnish the performance security @ 10% in shape of Pay order/Bank Draft/Bank Guarantee of the contracted amount and will sign the contract agreement.
25. Bid validity can be extended as per SPP Rule 2010 (Amended 2017).
26. The warranty period will commence from the date of commissioning of the unit as per report of the end user/technical person.
27. The system will have the minimum uptime 95% in case of down time beyond this period the following penalty will be applied:
 - a) 95% to 100% No penalty.
 - b) 90% to 95% the warranty period will be extended by the number of days system in down.
 - c) 85% to 90% warranty period will be extended 1.5 time the down time period.
 - d) 80% to 85% warranty period will be extended two time for the down time period and supplier is supposed to give justification of delay.

- e) Uptime less than 80% hospital will complain to the Principal to take action against the supplier and warranty will be the three time for the down time period.
 - f) However, PPM (Periodic Preventive Maintenance) will not consider in the down time and PPM of the system will be done as per manufacturer recommendation.
28. If the Contractor fails to attain Completion of the supply or installation within the Time / given extension for Completion shall pay to the Purchaser liquidated damages at the rate of 2% per month (0.5% per week) of the Contract Price, or the relevant part thereof. The aggregate amount of such liquidated damages shall in no event exceed the amount of 10%. Once the "Maximum" is reached, the Purchaser may consider termination of the Contract.





General & Special Conditions of Contract: -

- 1) The Contract shall be governed by and interpreted in accordance with laws of the Islamic Republic of Pakistan.
- 2) Store is required immediately. The bidder may however give their short guaranteed delivery period for imported items by which the supply will be completed.
- 3) Except as otherwise specifically provided in the Contract, the Contractor shall bear and pay all taxes, duties, levies and charges assessed on the Contractor.
- 4) The Contract Price shall be made to the Contractor as specified in the Contract Agreement, subject to the general principle / procedure of the Government of Sindh.
- 5) The Contract shall be executed in accordance with the Contract Documents and procedures.
- 6) The Purchaser or its representative shall inspect the Machinery / Equipment to confirm their conformity to the Contract specification. The inspection will be conducted at the premises of consignee after receipt of supply.
- 7) The Contractor warrants that the supplied equipment or any part thereof shall be free from defects in the design, engineering, materials etc. In case of defect in any part at the time of supply of installation it shall be replaced with new one instead of repair.
- 8) The manufacturer should provide an undertaking that if his sole agent fails to carry out any assignment in total or in part, manufacturer will be responsible to carry out the same.
- 9) The purchaser, without prejudice to any other remedy for breach of contract by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - (a) If the supplier fails to deliver any or all of the contracted items within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser.
 - (b) If the Supplier fails to perform any other obligation(s) under the Contract.
 - (c) If the supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- 10) The bidder shall confirm the refund of cost difference if the same goods is/was supplied at lower rates to any other Govt./Semi Government institution or Armed Forces in the Province or outside in the same fiscal year.
- 11) The Purchaser reserves the right to increase/decrease or delete the quantities of goods etc. at the time of award of contract and also reserves the right to increase/ decrease the quantity of goods and services originally specified in the contract without any change in unit price or other terms and conditions of goods at any time during the contract period.
- 12) Service charges @ current prevailing charges of the value of the Contract will realized/charged by the A.G. Sindh, while making payment to the contractors for award of each contract.



EVALUATION CRITERIA

Bids will be evaluated in following Steps:

Evaluation step no. 1

Initial scrutiny of documents:

(As mentioned in Instruction to Bidders / Terms & Conditions of Tender)

- i. Copy of Earnest money in shape of pay order without amount.
- ii. Original tender purchase receipt/ receipts for alternate offers.
- iii. Compliance of terms and conditions duly signed and stamped by the bid signing authority.
- iv. Submission of required documents in instructions to bidder (clause no. 5) and general terms and conditions of tender.

Evaluation step no. 2

Technical Evaluation

Only those bids will be evaluated technically that are qualified in initial scrutiny of documents i.e. Step no. 1.

Evaluation step no. 3

Financial Evaluation

Financial offers of only those bidders will be opened that are qualified in technical evaluation.

- i. Original pay order of Earnest money.
- ii. Amount of bid security at the rate of 2.5% of total bid amount in the shape of pay order.
- iii. Quoted price on CIF and DDP basis for imported items.
- iv. Quoted price on DDP basis for local items.

UNDERTAKING

- a) That I/we agree whether our tender accepted for total, partial or enhanced quantity for all or any single item. I/We also agreed to supply and accept the said item at the rates for the supply of contracted quantity with in the stipulated period shown in the contract.
- b) I/We undertake that, if any of the information submitted in accordance to this tender Enquiry found incorrect, our contract may be cancelled at any stage on our cost and risk.

CERTIFICATE

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

Signature of Tenderer: _____

Name & Designation: _____

Address: _____



TENDER NO.1-8/2017-18-AD(M)/JPMC
GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTER
KARACHI 75510

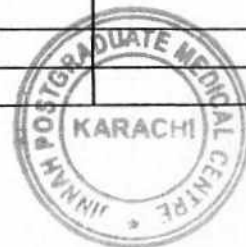


TENDER FOR THE PURCHASE OF MACHINERY/ EQUIPMENT THROUGH DEVELOPMENT SCHEME "STENGTHENING & IMPROVEMENT OF JPMC, KARACHI" FOR THE YEAR 2017-18. DUE ON 03-03-2018

Item No.	NAME OF ITEM (SPECIFICATION)	Req. Qty.	CIF PRICE		DDP PRICE	
			Unit Price	Total Price	Unit Price	Total Price
Column 1	Column - 2	Column - 3				
1	ICU Ventilator (Neonatal to Adult)	4				
	Make>>					
	Model>>					
	Sole Agent In Pakistan>>					
	Ventilation Modes:					
	(S)CMV+/APVcmv, PCV+ (biphasic),SIMV+/APVsimv, SPONT, P- SIMV+, NIV, NIV-ST, DuoPAP and APRV,close loop ventilation mode					
	Patient Type					
	Should include Peads & Adult					
	Tidal volume starting from 20 ml up to at least 2000 ml					
	PEEP and CPAP ranges from 0 cmH2O not less than 35 cm H2O					
	Storage and display of not less than 1000 events with date and time					
	Should show real time visualization of the lungs with representations of tidal volume, lung compliance, resistance and patient activity					
	Should show Visual representation of the ventilator dependency					
	Automatic Mode should be available.					
	Should have battery back of 2hours for complete system i-e with turbine or compressor					
	Should have display of 12" LCD touch screen. Supply Voltages 220-240 AC.					
	No Requirement of Central Air.					
	Can also be operated on Low Flow oxygen.					
	Can be upgradable to the ETCO2 Monitoring and High Flow Oxygen Therapy in future. (Should be quoted separately)					
	To be supplied with :					
	Disposable patient breathing circuits for Adult and paedes supporting arm and original trolley					
	or equivalent					

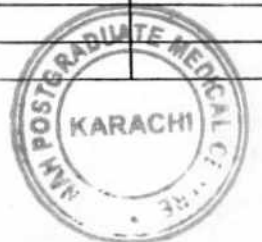
	Origin: EEC, USA, JAPAN					
2	BEDSIDE MONITOR	3				
	Make>>					
	Model>>					
	Sole Agent In Pakistan>>					
	SPECIFICATION					
	The monitor should have a high resolution, with a display of atleast 12 inch and touch panel screen. Display at least 6 waveforms.					
	Should have a function of onscreen guide and with helpful illustrations.					
	Should have enlarged numeric screen for viewing from distance.					
	Should have Alarm indicator.					
	Should have Arrhythmia detection with 120 hours of recall data can be saved.					
	Should have 7 lead ECG simultaneous display using 5 electrodes.					
	Should have up to 120 hours files for the numeric data of alarm occurrences from the alarm history table.					
	Should have Up to 120 hours ECG full disclosure waveform displayed.					
	Should have 120 hours of trendgraphs of all Parameters.					
	Should have 6 hours battery operation time.					
	Should have HL7 protocol for data output.					
	Should have a capability to exchange and view data of other bedside monitors without a need of the central monitor. Both individual display and 8 beds display should be available.					
	Should have 7 Measuring Parameters ECG (3/5 lead), respiration (impedance method), SpO2, NIBP, temperature (2ch). 2xIBP and ETCO2 main stream					
	Displayed waveforms should be ECG (maximum 7 traces), respiration, NIBP, SpO2 pulse wave, IBP and ETCO2					
	Numerical data display should be HR, VPC, ST, RR, NIBP (systolic, diastolic, MAP), SpO2, PR, PI, TEMP, FiCo2, ETCO2 and IBP					
	Supplied with: ECG 3 leads, NIBP hose and cuff, SPO2 probe, 2xIBP cables and ETCO2 module, 2 temperature probes and power cord.					
	or equivalent					
	Country of origin: Japan, USA, UK, China					

3	Non-Invasive Portable Ventilator:	10			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				
	Technical Specifications				
	Modes	CPAP, S, T, iBR, PAC, iVAPS, iBR			
	AutoEPAP				
	Operating pressure range	2-25cm H2O (2-25 hPa) in S, T, ST, PAC and iVSPS mode			
		4-20cm H2O (4-20hPa) in CPAP mode			
	90W power supply unit	Input range: 100-240V, 50-60Hz, 57VA (typical power consumption) 108VA (peak power consumption)			
	Supplemental oxygen	Recommended maximum flow: 15 L/min (CPAP, S, T, ST, PAC); 4 L/min (iVAPS)			
	Standard air filter	Polyester non-woven fibre			
	Tubing	SlimLine™ and ClimateLineAir (15 mm);			
	Standard (19 mm)				
	Air outlet	22 mm air outlet complies with ISO 5356-1:2004			
	Electromagnetic compatibility	Requirements (EMC) according to IEC60601-1-2:2007 for residential, commercial, and light industry environments			
	IEC 60601-1:2006 classification	Class II (double insulation), Type BF Ingress protection IP22			
	COMPONENTS:				
	Machinery, Humidifier, Full Face Mask, Climate Control Tubing, Carrying Case, Disposable Filter, Patient Manual, SD Memory Card, Power Supply and Cord				
	Full Face Mask				
	Humidifier				
	Climate Control Tubing				
	Carrying Case				
	Disposable Filter				
	Patient Manual				
	SD Memory Card				
	Power Supply and Cord				



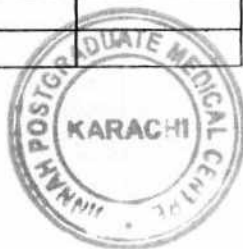
	or equivalent				
	Country of origin: Europe, Japan, Australia, USA				
4	SmartVest - Airway Clearance System:	1			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				
	FEATURES:				
	1. Shear the mucus away from the walls of a lung's airways.				
	2. Reduce the viscosity of the secretions				
	3. Propel the mucus towards the larger airways where it can be expectorated or suctioned more easily.				
	Effective:				
	1. Soft start technology delivers HFCWO with a calmer, gentler, more relaxed treatment experience				
	2. Full coverage pulsation of the front, back and sides of the torso simultaneously.				
	SmartVest & SmartVest Wrap sizes fit small children to large adults.				
	Convenient:				
	1. Machine washable fabric simplifies cleaning (SmartVest Wrap must be spot cleaned)				
	2. Dual Position controls adjust to operate the air pulse generator upright or horizontally.				
	Comfortable:				
	1. Port A-Cath and G-tube discomfort is reduced by eliminating direct to the sternum or abdomen.				
	COMPONENTS:				
	1. Main unit				
	2. Stand with trolley				
	3. Filter (3)				
	4. Fuse (4)				
	5. Medium (24"-30"/61 cm-76 cm)				
	6. Large (30"-36"/76 cm-91 cm)				
	7. Adult Medium (40"-44"/102 cm-112 cm)				
	8. Adult large (44"-48"/112 cm -122 cm)				
	9. SPU WRAP XX-LARGE (44"-48"/112cm- -122 cm)				

	10. Long term use connecting hose 6" (1.8 m)				
	11. carrying bag				
	or equivalent				
	Country of Origin: Australia/Germany/UK/USA				
5	Rigid Bronchoscope	1 Set			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				
a	<u>ADULT BRONCHOSCOPE KIT Complete set</u>	1			
	Universal base with MEDLOCK connection, rotating ventilation base Yellow tracheal tube. Black bronchial tube. Red bronchial tube. Axial obturator single gate. Lateral obturator double gate. Single hole red silicone cap. Double hole red silicone cap. Blue silicone cap, pack of 2. Single hole blue silicone cap, pack of 2. Orange bronchial tube x 01. Intermediary base x01. Jet venturi ventilation adaptor for Universal base x 01 Optical endoscope 5.5 mm diameter x 01. Single hole red silicone cap, pack of 5 x 01. Double hole red silicone cap; pack of 5 x 01. Blue silicone cap, pack of 5 x 01. Single hole blue silicone cap, pack of 5 x 01.				
b	<u>STANDARD FORCEPS KIT.</u>	1			
	Biopsy forceps.				
	Grasping forceps				
	Hook scissor				
c	<u>OPTICAL FORCEPS KIT</u>	1			
	Optical biopsy forceps.				
	Optical grasping forceps.				
	Silicone cap for optical forceps.				



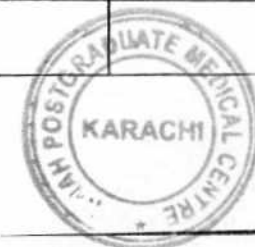
d	<u>ASPIRATION CATHETER</u>	1				
	3 mm diameter, 550 mm length, stainless steel, suction control handle, single use, box of 10					
e	<u>STENT PLACEMENT KIT</u>	1				
	Red introducer tube					
	Red plunger tube					
	Red telescopic loader					
	Red single hole silicone cap.					
	Black introducer tube					
	Black plunger tube					
	Black telescopic loader					
	Grey single hole silicone cap					
	Orange introducer tube					
	Orange plunger tube					
	Yellow/orange large stent loader					
	White single hole silicone cap					
f	<u>STANDARD FORCEPS KIT FOR STENT PLACEMENT.</u>	1				
	Stent removal forceps					
	Y-stent placement forceps					
	Silicone cap for forceps and endoscope					
	Stent measurement forceps					
g	<u>OPTICAL FORCEPS KIT FOR STENT PLACEMENT</u>	1				
	Optical stent removal forceps					
	Silicone cap for optical forceps.					
h	<u>Light cable and LED Light source.</u>	1				
	<u>Optional Items:</u>					
a	<u>VIDEOPROSCOPY KIT</u>	1				
	Video-light operating unit with 12" screen, multi-LED light source, JPEG&MPEG recording, B2M lighting connection base, SD memory card, Patient Data Menu Pictures and video archiving Video streaming output.					
	camera head, Zoom coupler, 18 to 35 mm variable focal length.					
	Light cable, 2.5 m length, E2 and G2 connectors.					
	Medical grade keyboard.					
b	<u>STENTS</u>	1				

	Stents should be naturally compatible with the BRONCHOSCOPE stent placement instruments and tubes having identical color-coding rings.				
	Super Glass coating should provide hydrophobic and smooth surface properties to.				
	Facilitates flow of secretion inside stent.				
	Limit granuloma formulation at stent edges.				
	Ease loading of stent in instrumentation.				
	Anchoring studs with a flat extremity to limit stent migration.				
	Beveled edges to facilitate flow of secretions.				
	Stents implantable more than 29 days.				
	Stents supplied sterile.				
	Tracheal stents qty 10 each.				
	Bronchial stents qty 10 each.				
	Y stents qty 10 each.				
c	Controlled Radial Expansion Pulmonary Balloon Dilators with inflation Device or equivalent	1			
	Country Of Origin : Europe / USA / Japan				
6	Rigid Thorocoscope	1			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				
	Straight Forward Telescope 0 degree with parallel eyepiece, diameter 10mm, length 27cm, autoclavable, fiber optic light transmission incorporated, with 6mm working channel				
	including				
	1xAdaptor for working channel				
	2xSealing Cap				
	LED Endoscopic video unit for use with all one-chip camera heads and video endoscopes incl. LED light source similar to Xenon technology, with integrated digital image Processing Module, 15" LCD TFT monitor with LED backlight, USB/SD memory module, color systems PAOL/NTSC, power supply 100-240 VAC, 50/60 Hz				
	Including:				
	USB Silicone Keyboard, with touchpad, US character set				
	USB Flash Drive, 32 GB				
	Card, 32 GB				



	Mains Cord, length 300cm					
	One-chip Camera Head, color system PAL, soakable, gas-sterilizable, with integrated Parafoval Zoom Lens, f=25 - 50mm (2x), 2 freely programmable camera head buttons					
	Fiber Optic Light Cable, with straight connector, extremely heat-resistant, enhanced light transmission, diameter 4.8mm length 250cm or equivalent					
	Country Of Origin : Europe / USA / Japan					
7	Blood Gas Analyzer Hand Held	1				
	Make>>					
	Model>>					
	Sole Agent In Pakistan>>					
	Point care analyzer to blood test for blood gases, basic Haematology, electrolytes/chemistry, Coagulation, Cardiac markers, B-HCG Analytes					
	The analyzer should be hand held should be able to store a minimum of 1000 results. The output should be printable wirelessly					
	Portable printer with infrared window					
	It should have bar code scanner					
	Analysis time should not be more than 120 seconds for Blood Gases, basic Haematology, electrolytes/Chemistry					
	Using just two or three drops of blood, the system provides time sensitive tests at the patient's side in just minutes					
	Technical Specifications:					
	Power Battery operated					
	Cartridge Provided with drug neutralizer					
	Electrode ISE (Ion sensitive electrode)					
	Storage 1000 Tests					
	Certifications FDA/CE					
	Communication links Infrared light - emitting diode (LED) or equivalent					
	Country of Origin : USA/Western Europe/Japan					
8	Mechanical Insufflator/Exsufflator Device	1				
	Make>>					

	Model>>				
	Sole Agent In Pakistan>>				
	Parameter range accuracy pressure -70 to 70 cmH2O +-5cmh2o Inhale time 0 to 5 secs Exhale time 0to5 secs +-(10% of setting +0.1 secs)Pause time 0 to 5 seconds±				
	Components:				
	Main Unit				
	Circuit				
	Power Cord				
	User Manual				
	or equivalent				
	Country of Origin: Australia/Germany/UK/USA				
9	CPAP	11			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				
	Features:				
	TiControl Feature. This feature allows for more personalized settings in order to accommodate individual respiratory conditions by improving synchrony between the device and the user				
*	TiMax: Inhalation maximum length				
*	Ti Min: Inhalation minimum length				
*	Trigger: Sensitivity level for inhalation trigger				
*	Cycle: Sensitivity level for exhalation				
	Tehnical Specifications				
	Modes CPAP, S				
	Pressure Range iPAP; 4-25cm H2O				
	EPAP: 2-25cm H2O				
	TiControl TiMax 0.3-4 sec; Ti Min 0.1-TiMax				
	Back up Respiratory Rate 10 bpm fixed				
	Sound Level: 26 dBA				
	Trigger Five Settings				
	Rise Time Min, 150-900 msec (approx.)				
	Power supply AC100-240V 50-60 Hz, 2.2A, AC 115V 400Hz, 2.2A 90W DC/DC converter 12V, 24V				



	IEC 60601-1 Classification Class II (double insulation), Type BF Continuous operation					
	COMPONENTS:					
	Main Unit					
	Full Face Mask					
	Humidifier					
	Climate Control Tubing					
	Carrying Case					
	Disposable Filter					
	Patient Manual					
	SD Memory Card					
	Power Supply and Cord or equivalent					
	Country of Origin: Australia/Germany/UK/USA					
10	Sleep EEG (Lab)	1				
	Make>>					
	Model>>					
	Sole Agent In Pakistan>>					
	FEATURES:					
	60 channel amplifier with full 10/20 capability.					
	wireless recording and removable memory backup.					
	PSG SOFTWARE:					
	Industry leading and AASM compliant.					
	innovationtools to save time and optimize study quality					
	designed around common tasks and natural workflow					
	additional derived signals including flow, lung volume and RMI when Embla XactTrace effortbelts are used					
	TECHNICAL SPECIFICATION:					
	Total of upto 60 channels of recording including:					
	32 Referential channels (EEG, EOG)					
	8 Bipolar channels (EKG, EMG)					
	11 Auxiliary channel inputs					
	1 Event channel					
	8 DC channels					
	integrated impedance check					
	wide range of selectable sampling rates					

user selectable sampling rates					
user selectable up to 200Hz					
integrated ambient light detector					
patient unit includes built-in Nasal Pressure and three dimensional Body Position Sensor					
Derived Tracings:					
Flow(nasal cannula)	Pulse waveform				
Snore (nasal cannula)	Heart Rate(EKG)				
Flow limitation / Flattening (nasal cannula) Volume*	Qualitative tidal				
R-R intervals (EKG)	Xflow*				
SpO2 Average SpO2 Beat-to-Beat	X-Sum™				
SpO2 Beat-to-Beat	Phase				
Pulse rate	Respiratory rate*				
XactTrace Belts	RMI				
Drive specifications:					
Supported with Embla Remlogic™ , Sandman® , and REMbrandt®					
Offers a high Quality color LCD screen for signal display					
include a removable memory card for raw data backup					
Standard RJ45 ethernet connection					
Supports adult and pediatric studies					
8 isolated auxiliary DC channels for external devices such as ETCO2 and pH					
SOFTWARE					
Interface To Therapy Devices;					
Automatic detection of therapy type and settings					
Therapy titration reporting offers PAP and titration statistics					
Score studies with more efficiency than ever with customizable right-click event scoring menus, single click event placement, and channel-assigned event placement.					
Patient charting tool to automate paper charts					
Customize initial , collection, and summary observation charts					
Schedule prompts for entering specific information in collection observations chart					
Enter and view patient observations in pop up box that appears at selected intervals					



	Exceeds American Academy of Sleep Medicine guidelines for staging and events					
	Designed to compliment natural workflow during collection and scoring of data					
	Data trends, Single sheet overview , and event lists for quick reference of raw data and scored events					
	Derived signals such as XFlow™ , XSum™ and RMI when Embla XactTrace™ respiratory belts are used					
	Powerful export/Import tools					
	Reports					
	A number of predefined or customizable reports can be generated and exported including:					
	Polysomnography report containing either software detected or user defined events					
	Sleep stage report					
	PLM, titration					
	Reports exported in multiple file formats including PDF, TXT, RTF, EDF, or ASCII II					
	COMPONENTS:					
	Communication unit , Bedside Unit , Patient Unit , Proxies , System cables , Mounting Bracket , Shoulder strap , Elastic strap electrodes , Leads , Xact trace Respiratory Effort Sensor(Belt Lock) , Xact Trace Respiratory effort Sensor (Belt), Nasal cannula, Oximeter , Oximeter seal , Oximeter Flex sensor , Oximeter Sensor Flexi Wrap , Medical Tape , Thermistor, Snoring sensor					
	Country of Origin: Australia/Germany/UK/USA or equivalent					
11	Apnea Link Sleep with SPO2 (Lab)	1				
	Make>>					
	Model>>					
	Sole Agent In Pakistan>>					
	Features:					
	Improved usability for both patients and healthcare professionals with:					
	One-touch operation with an intuitive Start/ Stop Button.					
	Longer recording time (~12 hours) and increased storage capacity (~48 hours)					
	Test complete light provides feedback on recording time to users.					

	Good signal indicators to help successful set ups.				
	Reliable automatic analysis				
	Includes Apnea-hypopnea index (AHI), hypopnea index (HI), flow limitation, anoring and oxygen desaturation index (ODI)				
	Manual scoring possibility for more detailed patient data.				
	Configurable analysis parameters allow adjustment of threshold				
	Validated results meet AASM and CMS definitions				
	for hypopnea scoring guidelines				
	Cheyne-Stokes probability detection helps determine when to refer patients for further in-lab diagnosis				
	Differentiation between obstructive and central apneas				
	Flexible report option				
	Email summary and signal reports to send to referral physicians or other relevant parties				
	Extended report contains additional overview of respiratory data				
	Prescription page streamlines process for healthcare professionals				
	Comprehensive reporting:				
	Analysis:				
	Indices:				
	AHI, RI, Apnea Index, UAI,OAI,CAI,MAI, Hypopnea index, Flow lim, BR. Without Sn (FL) Flow lim. Br. With Sn (FS):				
	ODI Oxygen Desaturation Index, Average saturation, Lowest desaturaton, Lowest desaturation, Baseline Saturation: Minimum Pilse, Maximum pulse:				
	Average pulse, proportion of portable CS epochs, Analysis status: Analyzed Automatically				
	Complete kit:				
	Apnea Link Air recorder device, Software installation CD, Apnea Link Air Patient instructions, USB download cable, 1 reusable belt, Oximeter reusable soft sensor, XPOD LP oximeter, XPOD LP oximeter clip, 3 nasal Cannula, Carry bag, 2 AAA batteries.				
	or equivalent				
	Country of Origin: Australia/Germany/UK/USA				
12	CPAP System	1			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				



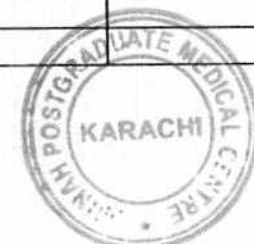
Premium fixed-pressure device with integrated humidifier and advanced event detection. From the proven 1-3 AutoSet algorithm to advanced event detection capabilities and innovative comfort features.					
Features:					
Comfortable start;					
AutoRamp™ feature with sleep onset detection is designed to make therapy as comfortable as possible from the moment your patients turn on the device. It works by delivering a low pressure to help them fall asleep with ease. Once it detects they're asleep, it comfortably ramps up the pressure to ensure the prescribed level is delivered the moment they need it.					
Clear insights;					
central sleep apnea (CSA) and Cheyne-strokes respiration (CSR) detection to provide treating physicians valuable insight into the continued health of your patients. The algorithm has been designed to identify indications of CSA and CSR, to quickly and accurately provide physicians with information to properly tailor treatment.					
Integrated humidification;					
Heated humidification is a standard feature. So with fewer parts to setup and manage, therapy becomes simpler for you and your patients.					
Technical Specifications:					
Therapy modes;					
CPAP					
Advanced event detection;					
Cheyne-strokes respiration detection					
central apnea detection					
comfort features;					
Auto Ramp					
Expiratory pressure relief (EPR™)					
Smart Start					
Data management;					
ResScan™ compatibility					
components:					
Main unit, Humidifier, Nasal Mask, SD card, Climate control tube, Power cord, Power Adapter, carrying bag, user manual					
or equivalent					
Country of Origin: Australia/Germany/UK/USA					

13	Autoset CPAP	1			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				
	Premium auto-adjusting pressure device with integrated humidifier and advanced event detection.				
	From the proven 4-3 Autoset algorithm to advanced event detection capabilities and innovative comfort features,				
	Features:				
	comfortable start;				
	feature with sleep onset detection is designed to make therapy as comfortable as possible from the moment your patients turn on the device.				
	it works by delivering a low pressure to help them fall asleep with ease. Once it detects they're asleep, it clear insights;				
	It includes central sleep apnea (CSA) and Cheyne-Strokes respiration (CSR) detection to provide treating physicians valuable insight into the continued health of your patients.				
	The algorithm has been designed to identify indications of CSA and CSR, to quickly and accurately provide physicians with information to properly tailor treatment.				
	Integrated humidification				
	Heated humidification is a standard feature. So with fewer parts to setup and manage, therapy becomes simpler for you and your patients.				
	Technical Specifications:				
	Therapy modes;				
	CPAP				
	AutoSet				
	Advanced event detection;				
	Cheyne-strokes respiration detection				
	central apnea detection				
	comfort features;				
	Auto Ramp				
	Climate Control				
	Expiratory pressure relief (EPR™)				
	Smart Start				
	Data management;				



	ResScan™ compatibility				
	components:				
	Main unit, Humidifier, Nasal Mask, SD card, Climate control tube, Power cord, Power Adapter, carrying bag, user manual or equivalent				
	Country of Origin: Australia/Germany/UK/USA				
14	Digital Mammography Machine 3D Digital Breast Tomosynthesis	1			
	Make>>				
	Model>>				
	Sole Agent In Pakistan>>				
	X-ray Generator				
	Out put 3 kW or more				
	Anode voltage 22-33kVp				
	Exposure time : 5-9 sec or better				
	mAs range : 500mAs or more				
	Automatic line voltage compensation				
	Anode current for small focus : 40mA or more , large focus 100mA or more				
	Full field AEC for entire detector area				
	x-ray tube				
	High speed rotating anode , biangular x-ray tube				
	Focal spot 0.1/0.3 or better				
	x-ray tube Heat capacity: 300KHU or more				
	Motorized filter dual with automatic change				
	Digital Image Receptor				
	Full Field Digital Detector				
	Image Receptor Size: Single plate 24 cm x 29 cm				
	Amorphous silicon with direct deposit Csi scintillator				
	Pixel size 100 µm or better				
	Pixel matrix : 2,800 x 3,500 or better a/				
	A/D conversion : 14 bit or more				
	Gentry Mechanics				
	Vertical travel motorised				
	Mortised beam collimation				
	Continuously and automatically adjustable radiation field.				

Easy to operate control Panel from left/right/both sides					
Rotation : +180° to -140°					
Source-Image Distance (SID) : 65cm or more					
Chin guard /face shield					
Compression					
Modes of Operation: user selectable					
Compress release after exposure : Manual or automatic					
Paddle function with lock mechanism					
Fine tuning of compression adjustment with foot control					
Bucky					
Light weight compact bucky					
Microprocessor control grid movement					
Grid ratio: 5:1, 30l/cm					
Detector area 23x29cm or better					
Magnification					
1.5x, 1.8x magnification factors					
Acquisition workstation					
High performance DBT acquisition workstation					
3D reconstruction and image post processing					
Multi core CPU					
64GB RAM					
Hard drive 1T or more					
Key board and mouse					
64 bit Microsoft windows 7 or equivalent					
High resolution 3MP color TFT LED display					
DICOM 3.0 with DICOM Print, storage, query, retrieve, worklist					
Isolation transformer					
Review station					
2 nos. high-resolution displays					
5MP or more					
Customizable workflow					
softcopy reading tools					
Hard ware: Multi-core CPU					
Dual,1TB harddrives, 8 GB RAM					
DVD recorder					
Keyboard/mouse					
Digital Breast Tomosynthesis DBT					



	LIST - B				
15	Instrument Trolley	1			
	Frame Square 100% S.S 304 Grand 16 Gauge Taiwan				
	Upper Shelf with Side Rails Stainless Steel				
	With Two Stainless Steel Shelves 20 Gauge				
	Size W18" x L27" x H36" with 3" wheels				
	Two lockable wheel				
16	Medicine Cupboard	3			
	Stainless Steel 304 Grand finish Top,				
	Heavy Duty 18 SWG Sheet body Structure with 18 SWG Pipe Work				
	18 Detachable Bins, 1 Drawer Detachable molded Bin				
	Equipped with Side Bumpers,				
	5" Imported Casters with 2 breaks				
17	Refrigerator Large Size Double Door	2			
	Double Door				
	Size 18 Cu Feet				
	One year warranty				
	Dawalance/Haier/PEL or equivalent				
18	Beds	28			
	Size 2160x500mm				
	The Bed is welded with cold rolled steel				
	Two degree Phosphating				
	Electrostatic Spraying				
	The Safety load is 175 K.g and total load is 240 K.g, Bed panel is made of high quality cold-rolled. Stel plate stamping forming, with functions of patient's breathability and anti corrosion functions.				
	The thickness of Bed plate is greater than 1.0mm				
	Bed stead horizontal tube using 40*40*1.5mm				



	The head and foot board adopt pe advanced engineering plastic					
	Double protection screw system					
	Luxurious silent double-side castors					
	Aluminium alloy guardrails					
	Holepunching type Bed board					
	PP Head and Foot					
	Shel					
	Urine Hooks					
	Stainless Steel I.V. Drip					
	Mattress					
	N.W. 80 K.g					
	Country of Origin : Imported (China/Turkey/Malaysia or equivalent)					



**Detail of Machinery & Equipment Required for
Improvement & Enhancement of Security Measures at JPMC,
Karachi.**



S.NO.	ITEM DESCRIPTION	QTY.	DDP PRICE	
			UNIT PRICE	TOTAL PRICE
1.	<p>SUPPLY & INSTALLATION OF IR BULLET 8MP 4KVARIFOCAL NETWORK IP CAMERA BLC/3D DNR/ROI, Smart encoding: Support low bit rate, low latency, face detection 1/2.5" Progressive Scan CMOS 3840 × 2160 resolution Video Compression: Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264 120dB WDR, IP67, IK10 Min. Illumination: Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR Motorized Lens: 2.8 to 12 mm Lens Mount: Φ14 Video bit rate: 32 Kbps to 16 Mbps Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR IR Range: Minimum 50meters Face Detection, Object Removal Recognition, Unattended Baggage Recognition, Intrusion Detection, Line Crossing Detection, Behavior Analysis</p>	100Pcs.		
2.	<p>SUPPLY & INSTALLATION OF PTZ 4MP 36x OPTICAL ZOOM NETWORK IP CAMERA 1/1.9" progressive scan CMOS, Up to 2560 × 1440 resolution Min. Illumination: Color: 0.005 Lux @(F1.5, AGC ON) B/W: 0.0005 Lux @(F1.5, AGC ON) 0 Lux with IR 36× optical zoom, 16× digital zoom Zoom Speed: Approx. 4.4 s (optical lens, wide-tele) Working Distance: 10 mm to 1500 mm (wide-tele) Focal Length: 5.7 mm to 205.2 mm, 36× Optical Digital WDR, 3D DNR, HLC, Smart IR 24 VAC & Hi-PoE No. of Presets: 300 Up to 200 m IR distance Support H.265+/H.265 video compression Support rapid focus Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR Wiper System</p>	25 Pcs.		
3.	<p>SUPPLY & INSTALLATION OF NETWORK VIDEO RECORDER 32 CHANNEL IP video input 32-ch 64-ch</p>	05 Pcs.		

	<p>Incoming bandwidth 320 Mbps 320 Mbps Outgoing bandwidth 256 Mbps, or 200 Mbps (when RAID is enabled) Decoding format: H.265/H.264+/H.264/MPEG4 Recording resolution: 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF Dual-OS design to ensure high reliability of system running ANR technology to enhance the storage reliability when the network is disconnected HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable H.265/H.264+/H.264/MPEG4 video formats Connectable to the third-party network cameras Up to 64 IP cameras can be connected Recording at up to 12 MP resolution Supports live view, storage, and playback of the connected camera at up to 12 MP resolution HD Output HDMI1/VGA1 and HDMI2/VGA2 outputs provided HDMI1 Video output at up to 4K (3840 × 2160) resolution HD Storage: Up to 16 SATA interfaces and 1 eSATA interface, 2 self-adaptive 10M/100M/1000M network interfaces, Centralized management of IP cameras</p>			
4.	<p>SUPPLY & INSTALLATION OF NETWORK STORAGE DEVICE Streaming Mode: 320-ch recording + playback IPSAN 180-ch recording + playback Controller: Dual controller (64-bit multi-core processor) Cache: 4 GB extendable to 32 GB 24 HDD slot Interface/capacity: SAS, NL-SAS/1TB, 2TB, 3TB, 4TB, 6TB RAID0, 1, 3, 5, 6, 10, 50, JBOD, Hot-spare Network Protocol:iSCSI, RTSP, ONVIF, PSIA Data network interface Each controller: 4, 1000M Ethernet interface. (8 × 1GbE, 2 × 10GbE, or 2 × 8GbF is extendable) Management network Interface: 1, 100M Ethernet interface 1, 100M Ethernet interface USB: 2 per controller Consumption (with HDDs): Working: ≤ 507 W (1729 BTU with 24 HDDs) Chassis: 4U (19-inch height)</p>	02 Pcs.		
5.	<p>SUPPLY & INSTALLATION OF NETWORK KEYBOARD FOR PTZ 10.1" capacitive touchscreen; Detachable design of the touchscreen and joystick, Wired and WiFi network connection POE power supply Capable of decoding 2-ch at 1080P decoding; up to 16-division window display: Live view on touch panel DVI and HDMI output to monitor</p>	04 Pcs.		



	Controllable of 2000 devices Joystick: 4-axis joystick Local Decoding: Local live view at 1080P/720P/HD1/BCIF/CIF/QCIF resolution, and up to 16-division window display			
6.	SUPPLY & INSTALLATION OF CABINET/ CUPBOARD FOR POWER AND NETWORK MANAGEMENT FOR OUT DOOR INSTALLATION Cabinet with base size: Height 5ft. x Width 3ft. x Depth 20ft. Polyester Powder coated, air ventilation system capable all weather resistant for outdoor installation.	06 Pcs.		
7.	SUPPLY & INSTALLATION OF HARD DISK 6TB	80 Pcs.		
8.	SUPPLY & INSTALLATION OF POE 24 CHANNEL SWITCH (24 PORT SWITCH) WITH SFP 24 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T with 4 shared Gigabit SFP slots, Console port, Auto medium dependent interface (MDI) and MDI crossover (MDI-X), Auto negotiate/manual setting, RPS port for connecting to redundant power supply unit PoE: IEEE 802.3af PoE delivered over any of the twenty-four 10/100/1000 ports; power budget allows for max power of 15.4W on up to 12 ports simultaneously Switching capacity: Up to 48 Gbps, non-blocking Cisco, Dell or equivalent	10 Pcs.		
9.	SUPPLY OF 42U NETWORKING RACK (imported)	02 Pcs.		
10.	SUPPLY OF POLES FOR CAMERAS MOUNTING & CABLING 20 ft. Mounting poles with base, anti-climb guard for cameras and cabling use with installation	175 Pcs.		
11.	DESIGN & REFURBISHMENT OF COMMAND & CONTROL ROOM Design of Data Center with flooring, paint, smoke detectors (Data center design & Installation) Design and Installation of Wood Infrastructure including Control Room Furniture	01 JOB		
12.	SUPPLY AND INSTALLATION OF UPS 10KVA Digital signal processor controlled true Online, High Frequency, Pure Sine Wave	01 Pcs.		
13.	SUPPLY AND INSTALLATION OF 10KVA GENERATOR	01 Pcs.		
14.	SUPPLY OF 40" LCD/ LED for CONTROL ROOM	08 Pcs		
15.	SUPPLY AND INSTALLATION OF AIR CONDITIONS (1.5ton Invertor AC)	02 Pcs		
16.	SUPPLY AND INSTALLATION OF PATCH CORD Camera and Switch Integration (3 meter patch cord)	100 Pcs.		
17.	SUPPLY OF JUNCTION BOX (big DBs) Size: Height 2ft. x Width 2ft. x Depth 10". air ventilation system capable all weather resistant for pole mounting	50 Pcs.		
18.	SUPPLY OF CORE i7 COMPUTER BRANDED WITH LED 24" Upto 10 GHz Max. Turbo Frequency (3.6 GHz base	04 Pcs.		

	frequency), 8MB Cache, 4Cores, 8threads Intel HD Graphics 4600 Supports DDR3 memory upto 16 MT/s data rate with 2TB HDD			
19.	SUPPLY AND INSTALLATION OF 1.5KVA UPS WITH EXTENDED BATTERIES FOR BACKUP (1.5KVA UPS) 1.5KVA = 1.5KW Digital Signal Processor Controlled True Online, High Frequency, Pure Sine Wave	05 Pcs.		
20.	SUPPLY AND INSTALLATION OF SFP MODULE FOR FIBER Flexibility of Media and interface choice on a port-by-port basis Robust Design for enhanced reliability Supports digital optical monitoring (DOM) capability	30 Pcs.		
21.	SUPPLY & LAYING OF 12 CORE FIBER CABLE Including digging & back filling if required and overhead cabling must be with steel wire and all required connectors	8000 Meter		
22.	SUPPLY AND LAYING OF CAT-6 SHIELDED DATA CABLE Including digging & back filling if required	14000 Meter		
23.	SUPPLY & LAYING OF POWER CABLE For centralized power system for CCTV Control Room to all Cameras	10000 Meter		
24.	OPERATIONS AND MAINTENANCE AGREEMENT FOR 02 YEARS With spare parts, including 01 IT Specialist/ Manager and 06 Technicians/ CCTV Operators (02 years' service support)	01 JOB		
25.	ONLINE RECORD KEEPING CHARGES FOR 02 YEARS AT OFFICE OR DATA CENTER With connection and CIR Data Charges from any broadband company minimum 60 Days record will be required in case of any incident at our site	01 JOB		
26.	INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF WHOLE CCTV SYSTEM INCLUDING ALL CONNECTORS AND ACCESSORIES.	01 JOB		
27.	CENTRAL MANAGEMENT MASTER SERVER Central Management Master Server Including Latest Operating Windows Server, Latest SQL Server, Camera Management Application Software, License covering 300 video channels and 10 user clients system shall be integrated with Safety and Security Systems, including all components & accessories, complete in all respect.	01 JOB		
28.	ANY OTHER WORK OR MAJOR COMPONENTS OR ACCESSORIES AS REQUIRED FOR A COMPLETE AND SATISFACTORY OPERATION OF THE CCTV SYSTEM. The bidder shall provide breakup of materials or works or services quoting in this item. Not quoting shall be considered as the cost of items included in the above items and the contractor shall be provided the same whether mentioned or not mentioned under this item by the Contractor.	LOT		



	Other terms and conditions
	Site planning <ul style="list-style-type: none">▪ The Contracting firm shall visit the site before submission of tender and ensure that cost of all necessary electrical boards/cables/earthling needed to install and commissioning the complete system is included in the tender cost.
	The bidder shall provide complete catalog, brochure, installation & operation manual, conceptual drawings along with tender in soft copy and hard copy on CD/USB for technical evaluation committee.
	The shop drawing shall be submitted by the bidder as per site condition showing details whether mentioned or not mentioned or a desire by JPMC for CCTV System.
	The bidder shall provide Details of sequence works (Flow Chart) and project execution schedule.
	The bidder shall provide simulation and calculation of each camera's in proper CCTV software and submitted for approval, if required pole height shall be increased as per coverage area.
	Only OEM Dealers in Pakistan or manufacturer are eligible to participate
	Technical evaluation will be based on the standard configuration with accessories and offered services of the whole project.
	Commercial evaluation will be based on the standard configuration with accessories and offered services of the project.
	The bidder must indicate the number of CCTV Projects installed within Pakistan especially in health sector and Law enforcement agencies etc. And also enclosed letter of satisfaction from the end users.
	The bidder shall have 10 years specific experience in supply, installation, testing, commissioning, operations, maintenance of similar projects.
	Quality Safety Standards:
	<ul style="list-style-type: none">▪ Valid Registration Certificate of Pakistan Engineering Council in the relevant category i.e. (EE02).▪ Valid ISO Certification of Quality Management.

Detail of Machinery & Equipment Required for Upgradation of Telephone Exchange at JPMC, Karachi.



S.No.	Name of Item	Qty	DDP PRICE	
			Unit Price	Total Price
1.	RABX 1000 Extension PABX with 70 direct lines input	01 nos.		
2.	Pair Cable 100 pair cable in meter	300 nos.		
3.	Cable Cat-6	5000 Meter		
4.	Duct ducting	5000 RFT		
5.	Soft digging	1000 RFT		
6.	5000 extension MDAF Box	01		
7.	100 pair MDF	05 nos.		
8.	Air Condition 1.5 ton	02 nos.		
9.	Interior Designing of Room	01 Job		
10.	Cable Laying	5000 Meter		
11.	Installation / Testing / Commissioning	01 Job		
12.	Power Backup UPS	01 nos.		
13.	Power servo motor	01 nos.		
14.	Passive Data I/O	100		
15.	Passive back box and face plate	100		
16.	Phone Set	1000		

	Other terms and conditions
	Site planning
	<ul style="list-style-type: none"> ▪ The Contracting firm shall visit the site before submission of tender and ensure that cost of all necessary electrical boards/cables/earthing needed to install and commissioning the complete system is included in the tender cost.
	For technical bid each vendor is requested to fill up the above mentioned Performa with the desired information in the last column, on the same MS word format in yes or no form with verifiable references (along with proper pagination, paragraph & line description)
	Vendor must also enclose a soft copy on CD/USB in addition to hard copy for technical evaluation committee.
	Only OEM Dealers in Pakistan or manufacturer are eligible to participate
	Technical evaluation will be based on the standard configuration with accessories and offered services of the whole project.
	Commercial evaluation will be based on the standard configuration with accessories and offered services of the project.
	The bidder must indicate the similar Projects installed within Pakistan especially in health sector and letter of satisfaction from the end user must be enclosed.
	Quality Safety Standards:
	<ul style="list-style-type: none"> ▪ Valid Registration Certificate of Pakistan Engineering Council in the relevant category. ▪ Valid ISO Certification of Quality Management.