

Bid Evaluation Report

1. Name of Procuring Agency: Jinnah Postgraduate Medical Centre, Karachi
 2. Tender Reference No. No.F.1-9/2015-16-AD(M)/JPMC
 3. Tender Description Name of Item: Supply and Installation of Dose on Demand Cyclotron for Production of Pet Bio-Marker at JPMC, Karachi Non ADP/Governor Directive for the year 2015-16.
 4. Method of Procurement: **Single Stage Two Envelop Procedure Basis.**
 5. Tender Published: **Daily Trade & Finance News on 24-02-2016, Daily Jang on 17-02-2016 & Daily Kawish on 16-02-2016.**
 6. Total Bid documents Sold **Five (05)**
 7. Tender Opening date: **08-03-2016**
 8. Total Bids Received: **Two (02)**
 9. Bid(s) Rejected: **Nil**
 10. Bid Evaluation Report

S.No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
	TO SEE ANNEXURE-I		1 st Lowest Evaluated rate			

1st Lowest rate offer accepted
 Bid Evaluation report is attached:

(PROF. TARIQ MEHMOOD)
 SECRETARY & PROFESSOR
 RADIOLOGY

PROF. Dr. TARIQ MEHMOOD
 M.B.B.S., D.M.R.D., F.C.P.S.
 Head Department of Radiology,
 Cyberknife Robotic Radiosurgery Oncology,
 Jinnah Postgraduate Medical Centre, Karachi

(DR. AKHTAR AHMED MEMON)
 MEMBER & DIRECTOR KIRAN

(DR. SHAISTA JABEEN)
 MEMBER & ADDITIONAL
 DIRECTOR(PH),
 REPRESENTATIVE OF
 HEALTH DEPTT.

(DR. BABER KHAN)
 MEMBER & ASSISTANT ACCOUNTANT
 GENERAL, A.G. SINDH, REPRESENTATIVE
 OF A.G. SINDH

(PROF. ANISUDDIN BHATTI)
 CHAIRMAN & EXECUTIVE DIRECTOR

(DR. MASEEH-UZ-ZAMAN MD, FASNC)
 CO-OPINING MEMBER & FASNC (USA), FEBNM (EU)
 HEAD OF NUCLEAR MEDICINE DEPARTMENT,
 AGA KHAN UNIVERSITY HOSPITAL, KARACHI

TENDER NO. 1-9/2015-16-AD(M)/JPMC
 GOVERNMENT OF SINDH
 JINNAH POSTGRADUATE MEDICAL CENTRE
 KARACHI-75250

BID EVALUATION REPORT

DEVELOPMENT SCHEME " PROVISION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER FOR JINNAH POSTGRADUATE MEDICAL CENTRE, KARACHI NON ADP / GOVERNOR DIRECTIVE"

Supply and Installation of Dose on Demand Cyclotron (One Unit) for Production of Pet Bio-Marker for JPMC, Karachi for the year 2015-16

TECHNICAL BID OPENED ON 08-03-2016 & COMMERCIAL BID OPENED ON 19-03-2016

S.No.	NAME OF ITEMS WITH TECHNICAL SPECIFICATION	MAKE	NAME OF FIRM PARTICIPATED	APPROVED/NOT APPROVED	REASONS	Remarks
1	CYCLOTRON PARAMETERS		M/s Allmed Solution	Approved	US\$ 1,849,000	1st Lowest
			M/s BNN Mediline International	Not Approved	They have failed to submission of sole agency certificate and other essential documents. They can not meet tender specification.	
A	Low Energy Particle Accelerator/Cyclotron. The device should be a self-shielded low energy accelerator (or cyclotron) generating a proton beam for the bombardment of a liquid target to produce positron emitting isotopes.					

(Signature)
PROF. DR. TARIQ MAHMOOD
 MBS, DMRD + CPS
 Head Department of Radiology,
 Cyberkite Radioisotope Radiosurgery Unit,
 Jinnah Postgraduate Medical Centre, Karachi

(Signature)
Maseeh uz Zaman MD, FRCR
 MBS, MS, FRCR, DCBNC (USA), FRCR
 Associate Prof. & Section Head Nuclear Medicine,
 Department of Radiology,
 AKUH, Karachi.

(Signature)

S.NO	NAME OF ITEMS						
B	The positron emitting fluorine-18 isotope will then be transferred to a synthesis device which allows incorporation of the radioactive isotope into a molecule or biomarker which can be used for in vivo biomedical imaging in conjunction with a PET scanner.						
C	The system should be self-shielded and housed in approximately 6m x 6m x 2.4m (height) space. Operator should also be able to operate all equipment in automated or manual mode for diagnostic and maintenance purposes.						
D	System should be able to accelerate beam energy between 7-10 Mev under completely automated sequencing.						
	Magnetic field from the cyclotron shall be within the safety limits at the interior surface of all adjacent walls in adjoining rooms to the room when the cyclotron is operated at maximum magnet current.						

Signature

Signature


Maseeh uz Zaman MD, FRCR
 MBS, MS, FCRS, DCBNC (USA) FRCR
 Associate Prof. & Section Head Nuclear Medicine
 Department of Radiology
 AKUH, Karachi

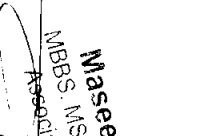
PROF. DR. TAJID MAHMOOD
 MBS, DMRD, FCPS
 Head Department of Radiology,
 CyberKnife Robotic Radiosurgery Oncology
 Pinnah Postgraduate Medical Centre Karachi.

Signature

Signature

<p>E The control operations shall include one computer workstation with online printer. It shall not require any other individual workstation to run each of the major systems or subsystems. The workstation environment shall provide a simple and automated scheme to record, recall, and display & graph parameter information.</p>					
<p>F System should be capable of single 10-30 mCi or better F-18 FDG production runs in succession, utilizing <400 uL or less amount of O-18 water per production run.</p>					
<p>2 TARGET SYSTEMS</p>					
<p>A 18-F target for production of 18 F.</p>					
<p>B Targets should be easily replaced / rebuilt so as not to significantly impact operation.</p>					
<p>C An integrated system to automatically transfer products from target to the chemistry system.</p>					
<p>3 SHIELDING AND SAFETY SYSTEM</p>					
<p>A The accelerator must be adequately shielded. The shield must be capable of reducing exposure from both gamma photons and neutrons to a level below 4.0 m/hr at the surface of the shield</p>					
<p>B Neutron shielding should be provided with the cyclotron</p>					


PROF. DR. TARIQ WAQAR
 MBSB, DMARD, FRCPS
 Head Department of Radiology,
 CyberKnife Robotic Radiosurgery Oncology
 Jinnah Postgraduate Medical Centre Karachi


Maseeh uz Zaman MD, FRCPS
 MBSB, MS, FRCPS, DOBNC (USA), FEBR
 Associate Prof. & Section Head Nuel Med
 Department of Radiology
 AKUH Karachi


PROF. DR. TARIQ WAQAR
 MBSB, DMARD, FRCPS
 Head Department of Radiology,
 CyberKnife Robotic Radiosurgery Oncology
 Jinnah Postgraduate Medical Centre Karachi

C	The accelerator shielding must be of sufficient thickness and in appropriate locations such that the radiation fields at the interior walls of the cyclotron room are < 1.0 mR/hr			
D	For safety, shall have an interlock system to prevent operation of the cyclotron in the event that a potential hazardous condition, such as the presence of unshielded fields, when in operation.			
4	AUTOMATED RADIOCHEMISTRY			
A	Include a fully integrated automated chemistry module for [¹⁸ F]FDG single dose production housed in suitable shielding providing <3.0 mR/hr radiation field when in use or better.			
B	(18F)FDG Chemistry Module, utilize a card or cassette based consumable for FDG dose production			
C	Provide (1) Chemistry Production Module for single dose production of both F-18 FDG and NAF including automation of several CGMP Quality Control measurements as defined below			
D	Final FDG radio-pharmaceutical dose should be automatically dispensed and provided in final syringe			

(Signature)

PROF. DR. TARIQ MAHMOOD
 MBS, DMRD, ECPS
 Head, Department of Radiology,
 CyberKnife Robotic Radiosurgery Oncology
 Hospital, Departmental Medical Centre Karachi.

Maseeh Uz Zaman MD
 MBS, M.S., FCCPS, DOBNC (U.S.)
 Associate Prof. & Section Head,
 Department of Radiology,
 Sindh Hospital Karachi.

(Signature)

(Signature)

<p>E Automated Quality Control for each individual dose should be integrated into the [¹⁸F] FDG Chemistry Module. The following measurements should be provided without user intervention: pH, Radiochemical Identity, Radiochemical Purity, Chemical Purity, Residual Solvent and Filter Integrity, Bacterial endotoxins, sterility, color/clarity, radionuclide identity, radionuclide purity, should be measured separately utilizing conventional methods and equipment.</p>				
<p>F A 511 KeV shielded syringe holder should be provided for transport and patient injection of final dose</p>				
<p>5 Site planning</p>				
<p>A Vendor shall provide an accurate layout plan for the cyclotron. Logical workflow and radiation safety norms should be adhered to in the layout.</p>				
<p>B Layout: All components required for radiopharmaceutical production and quality control, including the accelerator system and radiochemistry system, is capable of fitting in a 6m x 6m space or less space.</p>				
<p>C Shielding: The accelerator and chemistry module should provide adequate shielding to minimize radiation field to < 1.5m/hr at room boundary</p>				

Muhammad Zaman MD, FRCR
 MBB, M.S., M.S., FCCPP, S.D.CBNC (USA), FRCR
 Head, Dept. & Section Head
 Department of Radiology
 A.U.H. Karachi

PROF. DR. TARIQ MAHMOOD
 MBB, M.D., FCPS
 Head Department of Radiology,
 Cybernetic Robotic Radiotherapy Oncology
 Hospital, Karachi

D	Electrical: 220-250V, 100A single-phase power						
E	Floor Loading: Total floor loading should be <2000 kg per square foot						
F	Rigging: The system, including integrated shielding, should be capable of being rigged into the facility through a 140cm doorway if required						
G	Testing: Vendor will conduct both factory and on-site Acceptance Testing to confirm the following:						
	That the user interface for controlling the accelerator is complete, correct and properly documented.						
	Integrity of radiation shields.						
	Function and performance of targets.						
	Performance of automated radio chemistry module.						
	Performance of automated quality control for each FDG dose.						
H	Integrated computer operation Water Chillers (20.7 KW Cooling capacity) will be provided by the vendor.						
6	TRAINING						
A	Training for one Physicist/Engineer shall be provided at Factory and on site for operational staff.						
7	Warranty & post warranty agreement & maintenance contract						

PROJ. DR. TARIQ MAHMOOD
 Director, DCIRD (COPS)
 Head Centre for Nuclear Medicine
 Department of Radiology
 F-7/3, G-Block, Islamabad
 MS, FCRS, DCBNC (USA), FEBNM (EM) & Section Head Nuel Med
 Prof. & Section Head Nuel Med
 Department of Radiology
 AKUR Karachi

<p>A</p> <p>Warranty period shall be for one year starting from date of full functional commissioning including all parts and consumables gases</p>				
<p>B</p> <p>Vendor will provide start up Kits to run test doses of Cyclotron as per requirement / satisfactory production of FDG.</p>				
<p>C</p> <p>Maintenance of the machine/equipment its gases / glycolated water etc during the whole period of warranty shall be responsibility of the vendor failing which, the vendor will have to pay down time penalty as indicated in terms and conditions.</p>				
<p>D</p> <p>An annual optimal uptime of 250 days out of 365 days in a year (8am to 8pm) or more is considered as an acceptable level of performance. Uptime shall be defined as time available to user for processing of FDG dose.</p>				
<p>E</p> <p>If the uptime percentage for the measurement period shall fall short of 95% annually, the following formula will be applied to determine additional days in the warranty/service contract period</p> <ul style="list-style-type: none"> • 100 - 96% no penalty • 95 - 90% the warranty period will be extended by 01 times the number of days as extra down time 				

Signature

PROF. DR. TARIQ MAHMOOD
 Head, Department of Radiology,
 CyberKnife Radiotherapy Center,
 H-9, Sector 7, Islamabad

Signature

Asad ul Zaman MD, FASNC
 Head, DCBNC (USA), FEBNM (FI)
 Department of Radiology,
 AKUR, Karachi

	<ul style="list-style-type: none"> 89-80% the warranty period will be extended by 02 times the number of days as extra down time 							
	Below 80% the warranty period will be extended by 03 times the number of days as extra down time							
F	Down time is defined as the failure in the equipment operation to acquire or process the data and resulting in inability to carry out the required procedure properly and production of FDG dose.							
G	Down time will start as the end user notified the designated service/facility verbally or in writing. The response time of three hours will be considered as normal.							
H	Down time will end when satisfactory repairs have been affected and the system is again fully functional with all parameters available for production and dispensing of FDG dose.							
I	The scheduled preventive maintenance shall not be considered as down time and shall not be more than one day							
J	Manufacturer/supplier will be responsible for preventive maintenance of the system as per service manual.							

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 DR. Bilal Ahmad Nadeem

PROF. DR. TARIQ MAHMOOD
 MBBS, DMRD, FCPS
 Head Department of Radiology,
 CyberKnife Robotic Radiotherapy Oncology
 Hospital, Karachi


Waseen uz Zaman
 MBBS, MR, FCPS, DCCM
 Associate Prof & Senior Lecturer
 Department of Radiology
 AKUH, Karachi


<p>K</p> <p>Bidder should give the rate of service charges with parts for the complete system and accessories provided by the vendor with the system; including gas / glycolated water etc. (except consumable kits used daily for production of FDG) and should also quote the cost of service charges without parts and gases; for ten years, after expiry of one year warranty, on yearly basis along with the bid.</p>				
<p>L</p> <p>Vendor must quote the Cost of daily consumables kit in US \$ and also give an undertaking that cost of this daily use kit will remain same (in US\$) for next five years.</p>				
<p>M</p> <p>Manufacturer/supplier should also confirm that in event of the services cost or kit cost reducing in line with the manufacturer policy worldwide due to technical innovations or other reviews, they will reduce the maintenance cost and or cost of kits accordingly</p>				
<p>8</p> <p>Optional items</p>				
<p>A</p> <p>Must mention the optional items available with vendor for the same machine and not quoted in the tender specs. Mention separate price of each component</p>				
<p>9</p> <p>PNRA requirements</p>				

PROF. DR. TARIQ MAHMOOD
 MRCS, DMRD, FCPS
 Head Department of Radiology,
 Cybernetic Frontiers Radiation Oncology
 Centre
 D-11, Block 10, F-7/7
 Islamabad

Maseeh uz Zaman M.D., FASNC
 MBBS, MS, FCPS, DNB, FRCR, FRCR (S), FRCR (N), FRCR (E), FRCR (M), FRCR (A), FRCR (C), FRCR (O), FRCR (P), FRCR (S), FRCR (T), FRCR (U), FRCR (V), FRCR (W), FRCR (X), FRCR (Y), FRCR (Z)
 Associate Prof. & Section Head Nucl Med
 Department of Radiology
 AKUH, Karachi.

A	Local approval what so ever is needed from Pakistan Nuclear Regulatory Authority before and after installation and commissioning for its clinical use in patients will be responsibility of vendor.				
10	Other terms and conditions				
A	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)				
B	Vendor must also enclose a soft copy on CD/USB in addition to hard copy for technical evaluation committee				
C	Only sole distributors in Pakistan or manufacturer are eligible to participate				
D	Pricing of optional configuration and post warranty terms should be quoted separately.				
E	Pricing of optional configuration with accessories and services should be quoted separately.				
F	Technical evaluation will be based on the standard configuration with accessories of the whole unit				
G	Commercial evaluation will be based on the standard configuration with accessories of the whole unit.				


PROF. DR. TARIQ MAHMOOD
 MBS, DMRD, FCPS
 Head Department of Radiology,
 CyberKnife Robotic Radiosurgery Oncology
 Imam-ul-Muhammadiyah Hospital, Karachi


Maseeh uz Zaman MD, FASNC
 MBS, MS, FCPS, DCBNC (USA), FFRIM (EU)
 Associate Prof. & Section Head Nite-Med
 Department of Radiology,
 AKUH, Karachi

11	Quality & safety standards				
A	Country of origin should be USA/Europe/Japan and equipment approval of their respective quality standards is mandatory.				

PROCUREMENT COMMITTEE

(~~PROF. ANISUDDIN BHATTI~~)
 CHAIRMAN, PROCUREMENT COMMITTEE

(~~SECRETARY, PROCUREMENT COMMITTEE~~)
 SECRETARY, PROCUREMENT COMMITTEE

(~~HEAD OF RADIOLOGY~~)
 HEAD OF RADIOLOGY

(DR. BABER KHAN)

MEMBER & ASSISTANT ACCOUNTANT GENERAL SINDH
 REPRESENTATIVE OF A.G. SINDH

(DR. AKHTAR AHMED MEMON)

MEMBER & DIRECTOR KIRAN

(DR. SHAISTA JABEEN)

MEMBER & ADDITIONAL DIRECTOR(PH)
 REPRESENTATIVE OF HEALTH DEPARTMENT

(PROF. ANISUDDIN BHATTI)

CHAIRMAN, PROCUREMENT COMMITTEE
 & EXECUTIVE DIRECTOR

(DR. MASEEH-UZ-ZAMAN)
 CO-OPTED MEMBER OF THE PROCUREMENT COMMITTEE
 HEAD OF MEDICAL DEPARTMENT
 AGHA KHAN ASSOCIATE HOSPITAL KARACHI
 AKUH, Karachi

Dated 08-03-2016

GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI-75510

MINUTES OF MEETING FOR TECHNICAL BID

SUBJECT:- TENDER FOR THE SUPPLY AND INSTALLATION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER AT JPMC, KARACHI. NON ADP/GOVERNOR DIRECTIVE" FOR THE YEAR 2015-16.

A meeting of Procurement Committee held on 08-03-2016 under chairmanship of Chairman Procurement Committee to open the tender for the Supply and Installation of Dose on Demand Cyclotron for Production of Pet Bio-Marker at JPMC, Karachi Non ADP/Governor Directive" during year 2015-16. Following members were attended the meeting:-

- 1 Prof. Anisuddin Bhatti,
Executive Director & Chairman Procurement Committee
- 2 Prof. Tariq Mehmood,
Secretary & Professor of Radiology
- 3 Dr. Akhtar Ahmed Memon,
Member & Director,
Karachi Institute of Radiotherapy and Nuclear Medicine
- 4 Dr. Shaista Jabeen,
Member & Additional Director(PH)
Representative of Health Department
- 5 Dr. Baber Khan,
Member & Assistant Accountant General,
Accountant General of Sindh
Representative of Accountant General Sindh, Karachi.
- 1 Dr. Maseeh-uz-Zaman,
Co-opted Member &
Agha Khan University Hospital, Karachi.

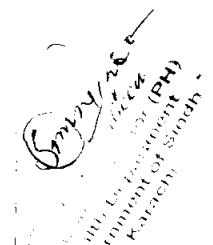
- The meeting started with recitation of Holy Quran.
- The committee has been informed that tender was invited on single stage two envelop basis as rule No.46(2) of SPPRA-2010.
- Tender Box was opened with the permission of Chairman.
- Following two envelops were found from the box:-

S.NO	NAME OF FIRM	REMARKS
1	M/s Allmed Solution	O.K
2	M/s BNN Medilines International	Incomplete Documents

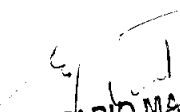
PROF. TARIQ MAHMOOD
MBBS, FCPS, DCBNC (USA)
Associate Prof. & Section Head
Department of Radiation Therapy
AKUH, Karachi



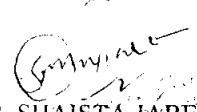
Maseeh-uz-Zaman MD, FRCR
MBBS, MS, FCPS, DCBNC (USA)
Associate Prof. & Section Head
Department of Radiation Therapy
AKUH, Karachi

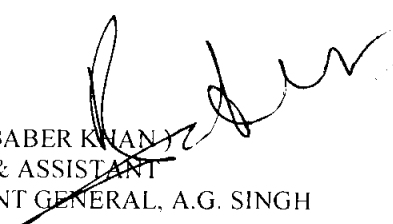

Maseeh-uz-Zaman MD, FRCR
MBBS, MS, FCPS, DCBNC (USA)
Associate Prof. & Section Head
Department of Radiation Therapy
AKUH, Karachi


Meeting ended with the vote of thanks to the chair.



PROF. DR. TARIQ MAHMOOD
(PROF. TARIQ MAHMOOD) FCPS
SECRETARY & PROFESSOR OF
RADIOLOGY
Cytology & Radiology
Inniah Postgraduate Medical Centre, Karachi.


(DR. AKHTAR AHMED MEMON)
MEMBER & DIRECTOR KIRAN


(DR. SHAISTA JABEEN)
MEMBER & ADDITIONAL
DIRECTOR (PH)
REPRESENTATIVE OF
HEALTH DEPARTMENT


(DR. BABER KHAN)
MEMBER & ASSISTANT
ACCOUNTANT GENERAL, A.G. SINGH


(PROF. ANISUDDIN BHATTI)
CHAIRMAN & EXECUTIVE DIRECTOR

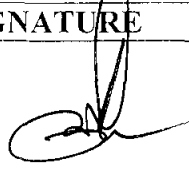

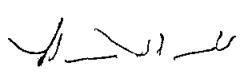
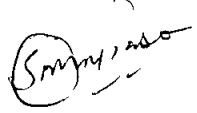
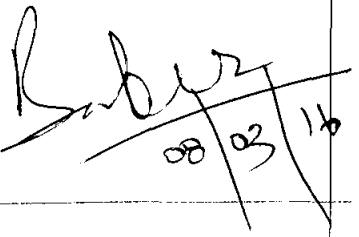

(DR. MASEEH-UZ-ZAMAN) MD, FASNC
CO-OPTED MEMBER
HEAD OF NUCLEAR MEDICINE (USA), FEBNM (EU)
DEPARTMENT OF NUCLEAR MEDICINE Head Nuel Med
ASSOCIATE PROFESSOR & Section Head of Radiology
UNIVERSITY HOSPITAL KARACHI
AKU KARACHI

08-03-2016

**OPENING OF TENDER NO.F.1-9/2015-16-AD(M)/JPMC FOR SUPPLY AND
INSTALLATION OF DOSE ON DEMAND CYCLOTRON FOR
PRODUCTION OF PET BIO-MARKEER AT JPMC, KARACHI**

**ATTENDANCE SHEET OF PROCUREMENT COMMITTEE FOR THE SUPPLY AND
INSTALLATION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET
BIO-MARKER AT JPMC, KARACHI NON ADP/GOVERNOR DIRECTIVE" DURING
YEAR 2015-16,**

HELD ON TUESDAY 08-03-2016 AT 12.30 P.M.

S.NO	N A M E	SIGNATURE
1	Prof. Anisuddin Bhatti, Chairman & Executive Director, JPMC	
2	Prof. Tariq Mehmood, Member/Secretary & Head of Department of Radiology, JPMC	
3	Dr. Akhtar Ahmed Memon, Member & Director, Karachi Instrtute of Radiotherapy and Nuclear Medicine	
4	Dr. Shaista Jabeen, Member & Additional Director(PH) Representative of Health Dpartment	
5	Dr. Baber Khan, Member & Assistant Accountant General, Accountant General of Sindh Representative of Accountant General Sindh, Karachi.	
	CO-OPTED MEMBER	
1	Dr. Maseeh-uz-Zaman, Co-opted Member & Agha Khan University Hospital, Karachi.	

LIST OF FIRM WHO DROP THE TENDER IN THE BOX

TENDER NO.F.1-9/2015-16/AD(M)/JPMC

**FOR THE SUPPLY AND INSTALLATION OF DOSE ON DEMAND
CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER AT JPMC,
KARACHI.**

S.NO	NAME OF FIRMS	SIGNATURE WITH NAME OF PERSON	MOBILE NUMBER
1	ALMED SOLUTIONS	MIRZA SHAMS <i>[Signature]</i>	03332495669
2	BNN MEDILINES IN	ASIF RAZA <i>[Signature]</i>	0300-2545977
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

[Signature]
Additional Director (PH)
Health Department
Government of Sindh
Karachi

[Signature]
08/03/16
Asst. Director (Medical Services)
Government of Sindh, Karachi

PROF. DR. TARIQ MAHMOOD
MBS, DMRD, FCPS
Head Department of Radiology,
Cyberknife Robotic Radiosurgery Oncology
Jinnah Postgraduate Medical Centre, Karachi

[Signature]
Dr. Uz Zaman MD, FASNC
MCh, FRCR, FRCR (UK), FRCR (Ireland)
CPS, DCBNC (USA), FEBNM (EU)
Associate Prof. & Section Head Nucl Med.
Department of Radiology
AICUH, Karachi

[Signature]
Executive Director
Jinnah Postgraduate Medical Centre
Karachi.

Dated : 08-03-2016

LIST OF FIRM WHO ATTENDED THE TENDER MEETING

TENDER NO.F.1-9/2015-16/AD(M)/JPMC

**FOR THE SUPPLY AND INSTALLATION OF DOSE ON DEMAND
CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER AT JPMC,
KARACHI.**

S.NO	NAME OF FIRMS	SIGNATURE WITH NAME OF PERSON	MOBILE NUMBER
1	BNN MEDILINES Int	Asif Raza	0300-2545977
2	ALLMED SOLUTIONS	MIRZA SHAMS	03332495669
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

PROF. Dr. TARIQ M. AHMED
MR. FRCR, DMFRD
Head Department of Radiotherapy
Cyberknife Robotic Radiosurgery Oncology
Jinnah Postgraduate Medical Centre, Karachi

Dr. Iqbal uz Zaman MD. FASNC
MS, FCPs, DCBNC (USA), FERNM (EU)
Associate Prof. & Section Head Nuel Med
Department of Radiology
AKUH, Karachi

DIRECTOR
Karachi Institute of Radiotherapy
& Nuclear Medicine (KIRANI)
100, Jinnah Road, East Zone
AKUH, Karachi

Executive Director
Jinnah Postgraduate Medical Centre
Karachi.

Dr. Shaukat Ali
Additional Director
Health Department
Karachi

TENDER NO.1-9/2015-16/AD(M)/JPMC **OPEN ON 08-03-2016**
SUPPLY & INSTALLATION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER AT JPMC, KARACHI
 FOR THE YEAR 2015-16.

BIDDER'S ELIGIBILITY/QUALIFICATION REPORT

S.NO	PARTICULARS	Allmed Solutions	BNN Medicine International
1	Original Tender purchase receipt	Yes	Yes
2	Earnest money 2.5% photo copy hide amount	Bank Guarantee	Yes
3	Technical Bid original copy	Yes	Yes
4	Letter of Manufacturer/Sole Agent	Yes	No
5	Copy of Active Sales Tax Registration Certificate	Yes	No
6	Copy of Income Tax Certificate	Yes	Yes
7	Last Year paid Income Tax Challan	Yes	No
8	Original Terms and Conditions duly signed and stamped.	Yes	Yes
9	Original Catalogue must with offer	Yes	Yes (Photo copy)
10	Service manual with circuit diagram	Yes	No
11	Guarantee letter that the supplied Machinery/Equipment is the original/brand new/latest model, non of the part is replaced, old or refurbished.	Yes	No
12	List of users in Sindh/Pakistan of the quoted items. Bidder must submit the proof for the availability of workshop & trained engineers qualified persons for the machines at Sindh for after sale service.	Yes	No
16	Qualified/Dis-Qualified	Qualified	Provisionally Qualified

(PROF. ANIS DIN BHATTI)
 CHAIRMAN & EXECUTIVE DIRECTOR

(PROF. FAROQ MEHTAB MAHMOOD)
 SECRETARY & ASSISTANT DIRECTOR
 Head Department of Radiology
 Cyberknife Robotic Radiosurgery
 Jinnah Postgraduate Medical Centre

(DR. AKHTAR AHMED MEMON)
 MEMBER & DIRECTOR KIRAN

(DR. SHAISTA QURESHI)
 MEMBER & ASSISTANT NATIONAL DIRECTOR (PH)
 REPRESENTATIVE OF HEALTH DEPARTMENT

(DR. BABER KHAN)
 MEMBER & ASSISTANT
 A.G SINDH

(DR. MASEEH AHMED)
 CO-OPD & HEAD OF RADIOLOGY
 AGA KHAN UNIVERSITY HOSPITAL

Mrs. *[Signature]*

[Signature]

Head Department of Radiology
 Cyberknife Robotic Radiosurgery
 Jinnah Postgraduate Medical Centre

(DR. MASEEH AHMED)
 CO-OPD & HEAD OF RADIOLOGY
 AGA KHAN UNIVERSITY HOSPITAL

DEVELOPMENT SCHEME " PROVISION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER FOR JINNAH POSTGRADUATE MEDICAL CENTRE, KARACHI NON ADP / GOVERNOR DIRECTIVE"

Supply and Installation of Dose on Demand Cyclotron (One Unit) for Production of Bio-Marker at JPMC, Karachi for the year 2015-16

Technical C.S Tender No.1-9/2015-16

Opened on 08-03-2016

S.NO	NAME OF ITEMS	Alimed Solution	BNN Mediline International	Re m a r k s
1	CYCLOTRON PARAMETERS			
	Make	ABT Molecular Imaging, USA	Advanced Cyclotron System	
	Model No	BG-75	TR19	
	Sole Agent/Manufacturer	Yes	NO	
1	CYCLOTRON PARAMETERS			
A	Low Energy Particle Accelerator/Cyclotron. The device should be a self-shielded low energy accelerator (or cyclotron) generating a proton beam for the bombardment of a liquid target to produce positron emitting isotopes. The positron emitting fluorine-18 isotope will then be transferred to a synthesis device which allows incorporation of the radioactive isotope into a molecule or biomarker which can be used for in vivo biomedical imaging in conjunction with a PET scanner.	Yes	Yes	(High energy partical accelerator) BNN Mediline Int Out of tender specs
B	The system should be self-shielded and housed in approximately 6m x 6m x 2.4m (height) space. Operator should also be able to operate all equipment in automated or manual mode for diagnostic and maintenance purposes.	self-shielded and housed in 5.5m x 5.5m x2.4m (height)	self-shielded and housed in 8.4m x 7.5 m x 3.2m (height)	BNN Mediline Int. need more space for housed in.
C	System should be able to accelerate beam energy between 7-10 Mev under completely automated sequencing.	Beam energy 7.5MeV	Beam energy 14MeV	BNN Mediline Int. Out of tender specs
D	Magnetic field from the cyclotron shall be within the safety limits at the interior surface of all adjoining walls in adjoining rooms to the room when the cyclotron is operated at maximum magnet current.	Yes, within safety limits	Yes, within safety limits	

ASSOCIATE PROFESSOR
 MS, MS, F.C.P.S., D.C.R.(C), D.C.R.(USA), F.R.B.M., F.R.C.R.
 Associate Prof. & Section Head
 Department of Radiology
 JPMC, Karachi

PROF. DR. TARIQ MAHMOOD
 M.B.B.S., D.M.B.D., F.C.P.S.
 Head Department of Radiology
 CyberKnife Robotic Radiotherapy Oncology
 Jinnah Postgraduate Medical Centre, Karachi

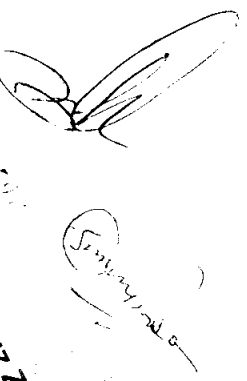
S.NO	NAME OF ITEMS	Allimed Solution	BNN Medicine International	Remarks
E	The control operations shall include one computer workstation with online printer. It shall not require any other individual workstation to run each of the major systems or subsystems. The workstation environment shall provide a simple and automated scheme to record, recall, and display & graph parameter information.	Control operations has one computer workstation	Not mentioned	BNN Medicine Int out of technical specs
F	System should be capable of single 10-30 mCi or better F-18 FDG production runs in succession, utilizing <400 uL or less amount of O-18 water per production run.	Yes, system has capable of single 10-30 mCi and utilize <300uL of O18 water	Standard run produce 25Ci and takes more than 2hr. Not run on dose on demand principal	BNN Medicine Int Out of tender specs
2 TARGET SYSTEMS				
A	18-F target for production of 18-F.	Yes	Yes	
B	Targets should be easily replaced / rebuilt so as not to significantly impact operation.	Yes	Yes	
C	An integrated system to automatically transfer products from target to the chemistry system.	Yes	Yes	
3 SHIELDING AND SAFETY SYSTEM				
A	The accelerator must be adequately shielded. The shield must be capable of reducing exposure from both gamma photons and neutrons to a level below 4.0 mr/hr at the surface of the shield	Yes	Yes, (but 4.0 mr/hr not mentioned in brochure)	
B	Neutron shielding should be provided with the cyclotron	Yes, will be provided with the cyclotron	Yes, will be provided with the cyclotron	
C	The accelerator shielding must be of sufficient thickness and in appropriate locations such that the radiation fields at the interior walls of the cyclotron room are < 1.0 mr/hr	Yes	Details not provided	
D	For safety, shall have an interlock system to prevent operation of the cyclotron in the event that a potential hazardous condition, such as the presence of unshielded fields, when in operation.	Yes, have safety interlocks	Yes, have safety interlocks	

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Official stamps and signatures in the middle of the page. One stamp reads "Jaseem Ijaz, FRCR, FRCR (UK), FRCR (Ireland), FRCR (USA), FRCR (EU), FRCR (Canada), FRCR (Australia), FRCR (New Zealand), FRCR (South Africa), FRCR (Japan), FRCR (Korea), FRCR (China), FRCR (India), FRCR (Pakistan), FRCR (Bangladesh), FRCR (Sri Lanka), FRCR (Maldives), FRCR (Bhutan), FRCR (Nepal), FRCR (Tibet), FRCR (Mongolia), FRCR (Russia), FRCR (Cuba), FRCR (Vietnam), FRCR (Laos), FRCR (Cambodia), FRCR (Thailand), FRCR (Myanmar), FRCR (Philippines), FRCR (Indonesia), FRCR (Malaysia), FRCR (Singapore), FRCR (Brunei), FRCR (Timor-Leste), FRCR (East Timor), FRCR (Papua New Guinea), FRCR (Solomon Islands), FRCR (Vanuatu), FRCR (Fiji), FRCR (Tonga), FRCR (Samoa), FRCR (Tahiti), FRCR (French Polynesia), FRCR (New Caledonia), FRCR (Wallis and Futuna), FRCR (Tokelau), FRCR (Northern Mariana Islands), FRCR (Guam), FRCR (American Samoa), FRCR (U.S. Virgin Islands), FRCR (Puerto Rico), FRCR (Northern Mariana Islands), FRCR (Guam), FRCR (American Samoa), FRCR (U.S. Virgin Islands), FRCR (Puerto Rico). Another stamp reads "Associate Prof. & Senior Lecturer, Department of Radiology, AKUH, Karachi." There are several handwritten signatures and dates, including "12/3/15".

Official stamp and signature at the bottom of the page. The stamp reads "R. PROF. DR. TARIQ MAHMOOD, MBBS, DMRD, FCCPS, Head Department of Radiology, CyberKnife Robotic Radiosurgery Oncology, Jinnah Postgraduate Medical Centre, Karachi." There is a handwritten signature over the stamp.

S.NO	NAME OF ITEMS	Allmed Solution	BNN Medline International	Remarks
4	AUTOMATED RADIOCHEMISTRY			
A	Include a fully integrated automated chemistry module for [¹⁸ F]FDG single dose production housed in suitable shielding providing <3.0 m/hr radiation field when in use or better.	Yes, integrated automated chemistry module for [¹⁸ F]FDG single dose production housed in suitable shielding providing <3.0 m/hr radiation field when in use)	Not mentioned	BNN Medline Int Out of tender specs
B	(18F)FDG Chemistry Module, utilize a card or cassette based consumable for FDG dose production	Yes	Yes	
C	Provide (1)Chemistry Production Module for single dose production of both F-18 FDG and NAF including automation of several CGMP Quality Control measurements as defined below	Yes	No	
D	Final FDG radio-pharmaceutical dose should be automatically dispensed and provided in final syringe	Yes	No	(Not in syringe in a batch) BNN Medline Int Out of tender specs
E	Automated Quality Control for each individual dose should be integrated into the [¹⁸ F] FDG Chemistry Module. The following measurements should be provided, without user intervention: pH, Radiochemical identity, Radiochemical Purity, Chemical Purity, Residual Solvent and Filter Integrity. Bacterial endotoxins, sterility, color/clarity, radionuclide identity, radionuclide purity, should be measured separately utilizing conventional methods and equipment.	Yes	No	
F	A 511 KeV shielded syringe holder should be provided for transport and patient injection of final dose	Yes	No	
5	Site planning			
A	Vendor shall provide an accurate layout plan for the cyclotron. Logical workflow and radiation safety norms should be adhered to in the layout.	Yes	Yes	


Aaseen uz Zaman MD, FASNC
 FHS, MS, FCPS, DCBNC (USAI), FRCR (UK),
 Department of Radiotherapy,
 AKUH, Karachi

17/3/16


PROF. DR. TARIQ MAHMOOD
 Head Department of Radiology,
 MBBS, DMRD, FCPS,
 CyberKnife Robotic Radiosurgery Oncology
 Unit, Postgraduate Medical Centre, Karachi

S.NO	NAME OF ITEMS	Allied Solution	BNN Medicine International	Remarks
B	Layout: All components required for radiopharmaceutical production and quality control, including the accelerator system and radiochemistry system, is capable of fitting in a 6m x 6m space or less space	all components including cyclotron and chemistry system are fits in 5.5m x 5.5m	only accelerator room requires 8.4m x 7.5m space, radiochemistry system and quality control system space details are not mentioned	BNN Medicine Int Out of tender specs
C	Shielding: The accelerator and chemistry module should provide adequate shielding to minimize radiation field to < 1.5mR/hr at room boundary	adequate shielding to minimize radiation field to < 1.0mR/hr at room boundary	Exposure = 2 mR/hr at room boundary	
D	Electrical: 220-250V, 100A, single-phase power	240 v Single Phase, 70 Amps	Not mentioned	BNN Medicine Int Out of tender specs
E	Floor Loading: Total floor loading should be <2000 kg per square foot	Yes	Yes	
F	Rigging: The system, including integrated shielding, should be capable of being rigged into the facility through a 140cm doorway if required	Yes	No	
G	Testing : Vendor will conduct both factory and on-site Acceptance Testing to confirm the following: That the user interface for controlling the accelerator is complete, correct and properly documented Integrity of radiation shields. Function and performance of targets. Performance of automated radio chemistry module. Performance of automated quality control for each FDG dose Integrated computer operation. Water Chillers (20.7 KW Cooling capacity) will be provided by the vendor.	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	
H		Yes	No	

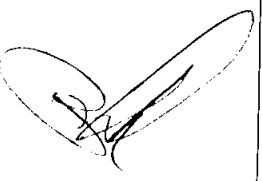
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12/3/19

PROF. D. TARIQ MAHMOOD
 Head Department of Radiology,
 CyberKnife Robotic Radiosurgery Oncology
 Centre, Pakistan
 Ilmiah Postgraduate Medical Centre, 53000

S.NO	NAME OF ITEMS	Allmed Solution	BNN Medline International	Remarks
6	TRAINING			
A	Training for one Physicist/Engineer shall be provided at Factory and on site for operational staff.	Yes	No	
7	Warranty & post warranty agreement & maintenance contract			
A	Warranty period shall be for one year starting from date of full functional commissioning including all parts and consumables gases.	Yes	Yes	
B	Vendor will provide start up Kits to run test doses of Cyclotron as per requirement / satisfactory production of FDG.	Yes	Yes	
C	Maintenance of the machine/equipment its gases / glycolated water etc. during the whole period of warranty shall be responsibility of the vendor failing which, the vendor will have to pay down time penalty as indicated in terms and conditions.	Yes	Yes	
D	An annual optimal uptime of 250 days out of 365 days in a year (8am to 8pm) or more is considered as an acceptable level of performance. Uptime shall be defined as time available to user for processing of FDG dose.	Yes	Yes	
E	If the uptime percentage for the measurement period shall fall short of 95% annually, the following formula will be applied to determine additional days in the warranty/service contract period <ul style="list-style-type: none"> • 100 - 96% no penalty • 95 - 90% the warranty period will be extended by 01 times the number of days as extra down time. • 89-80% the warranty period will be extended by 02 times the number of days as extra down time. Below 80% the warranty period will be extended by 03 times the number of days as extra down time.	Yes	Yes	
F	Down time is defined as the failure in the equipment operation to acquire or process the data and resulting in inability to carry out the required procedure properly and production of FDG dose.	Yes	Yes	


Asghar Ullah, Zaman MD, FASNC
 Associate Prof. & Senior Head Nuel Med
 Department of Radiology
 AKI, H. Karachi


PROF. DR. TARIQ MAHMOOD
 Head Department of Radiology,
 MBS, DMRD, FCPS
 CyberKnife Robotic Radiosurgery Oncology
 Jinnah Postgraduate Medical Centre, Karachi

SNO	NAME OF ITEMS	Aligned Solution	BNN Mediline International	Remarks
G	Down time will start as the end user notified the designated service/facility verbally or in writing. The response time of three hours will be considered as normal.	Yes	Yes	
H	Down time will end when satisfactory repairs have been affected and the system is again fully functional with all parameters available for production and dispensing of FDG dose.	Yes	Yes	
I	The scheduled preventive maintenance shall not be considered as down time and shall not be more than one day.	Yes	Yes	
J	Manufacturer/supplier will be responsible for preventive maintenance of the system as per service manual.	Yes	Yes	
K	Bidder should give the rate of service charges with parts for the complete system and accessories provided by the vendor with the system including gas / glycolated water etc (except consumable kits used daily for production of FDG) and should also quote the cost of service charges without parts and gases, for ten years, after expiry of one year warranty, on yearly basis along with the bid.	Yes	No	
L	Vendor must quote the Cost of daily consumables kit in US \$ and also give an undertaking that cost of this daily use kit will remain same (in US\$) for next five years.	Yes	No	
M	Manufacturer/supplier should also confirm that in event of the services cost or kit cost reducing in line with the manufacturer policy worldwide due to technical innovations or other reviews, they will reduce the maintenance cost and or cost of kits accordingly.	Yes	Yes	
8	Optional items			
A	Must mention the optional items available with vendor for the same machine and not quoted in the tender specks. Mention separate price of each component	Yes	Yes	
9	PNRA requirements			
A	Local approval what so ever is needed from Pakistan Nuclear Regulatory Authority before and after installation and commissioning for its clinical use in patients will be responsibility of vendor.	Yes	Yes	
10	Other terms and conditions			

Maseeh uz Zaman MD, FASNC
 MBB, Ms. FCPS, DCRC (USA), FEBNM (EU)
 Associate Prof. & Section Head Nuel Med
 Department of Radiology
 AKUH, Karachi

(Handwritten signature)

DR. ABID MAHMOOD
 MBB, DMRD, FCCPS
 Head Department of Radiology
 Cybernetics Research Center, Bahadur
 Khan Hospital, Abbottabad

S.NO	NAME OF ITEMS	Allmed Solution	BNN Mediline International	Remarks
A	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)	Yes	Yes	
B	Vendor must also enclose a soft copy on CD/USB in addition to hard copy for technical evaluation committee	Yes	Yes	
C	Only sole distributors in Pakistan or manufacturer are eligible to participate	Yes	No	
D	Pricing of optional configuration and post warranty terms should be quoted separately.	Yes	Yes	
E	Pricing of optional configuration with accessories and services should be quoted separately	Yes	1	
F	Technical evaluation will be based on the standard configuration with accessories of the whole unit.	Yes	Yes	
G	Commercial evaluation will be based on the standard configuration with accessories of the whole unit.	Yes	Yes	
11	Quality & safety standards:			
A	Country of origin should be USA/Europe/Japan and equipment approval of their respective quality standards is mandatory.	USA	Canada	
Concluded Remarks of Procurement Committee		Technically Approved	Technically Rejected	

(PROF. TARIQ MEHMOOD, FICS, FRCR, FRCR, FRCR, FRCR)
 SECRETARY, PROCUREMENT COMMITTEE
 HEAD OF RADIOLOGY, CYBERNETICS & RADIOLOGY
 Head Department Radiology Centre, Karachi

(DR. AKHTAR AHMED MEMON)
 MEMBER & DIRECTOR KIRAN

(DR. SHAISTA JABEEN)
 MEMBER & ADDITIONAL DIRECTOR(PH)
 REPRESENTATIVE OF HEALTH DEPARTMENT

(DR. BABER KHAN)
 MEMBER & ASSISTANT ACCOUNTANT
 REPRESENTATIVE OF A.G. SINDH

(PROF. ANISUDDIN BHATTI)
 CHAIRMAN, PROCUREMENT COMMITTEE
 & EXECUTIVE DIRECTOR

(DR. MASEEH-UZ-ZAMAN, MD, FASN)
 CO-OPED MEMBER, PROCUREMENT COMMITTEE
 HEAD OF RADIOLOGY, CYBERNETICS & RADIOLOGY
 AGHAKHAN UNIVERSITY HOSPITAL, KARACHI
 Associate
 Department of Radiology
 AKIH, Karachi

GOVERNMENT OF SINDH
JINNAH POSTGRADUATE MEDICAL CENTRE
KARACHI-75510

MINUTES OF MEETING (OPENING OF COMMERCIAL BID)

SUBJECT:- OPENING OF COMMERCIAL BID OF TENDER FOR THE SUPPLY AND INSTALLATION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER AT JPMC, KARACHI. NON ADP/GOVERNOR DIRECTIVE" FOR THE YEAR 2015-16.

A meeting of Procurement Committee held on 19-03-2016 under chairmanship of Chairman of Procurement Committee to open the Commercial Bid for the Supply and Installation of Dose on Demand Cyclotron for Production of Pet Bio-Marker at JPMC, Karachi Non ADP/Governor Directive" during year 2015-16. Following members were attended the meeting:-

1	Prof. Anisuddin Bhatti, Executive Director & Chairman Procurement Committee
2	Dr. Akhtar Ahmed Memon, Member & Director, Karachi Institute of Radiotherapy and Nuclear Medicine
3	Prof. Tariq Mehmood, Secretary & Professor of Radiology, Cyberknife & Oncology
4	Dr. Shaista Jabeen, Member & Additional Director(PH) Representative of Health Dpartment
5	Dr. Baber Khan, Member & Assistant Accountant General, Accountant General of Sindh Representative of Accountant General Sindh, Karachi. CO-OPTED MEMBER
1	Dr. Maseeh-uz-Zaman, Co-opted Member & Agha Khan University Hospital, Karachi.

The meeting started with recitation of Holy Quran.
Open the Commercial Bid with the permission of Chairman.
Following firms are attended the meeting:-

S.NO	NAME OF FIRM
1	M/s Allmed Solution
2	M/s BNN Medicines International

Sindh
Executive Director (PH)
Health Department
Government of Sindh
Karachi

PROF. DR. TARIQ MEHMOOD
MR. DR. AKHTAR MEMON
FCPS
Head of Department of Radiotherapy,
Cyberknife Radiotherapy & Surgery Oncology
Jinnah Postgraduate Medical Centre Karachi

M/s Allmed Solution
M/s BNN Medicines International


[Handwritten signatures]

Maseeh uz Zaman MD FASNC
MRCS, MRCP, FCPS, FCCM (USA), FEBNM (EU)
Associate Prof. & Section Head Nuel Med
Department of Radiology
AKUH, Karachi

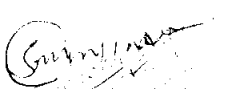
M/s BNN Medilines International has not submission of following documents with Technical Bid:-


1. Sole Agency Letter
2. Copy of Sales Tax Registration Certificate
3. Copy of Last year Paid Income Tax Challan
4. Service Manual with circuit diagram
5. Guarantee letter
6. List of users in Sindh/Pakistan

M/s Allmed Solution documents are found correct. Therefore, this may be entertained.

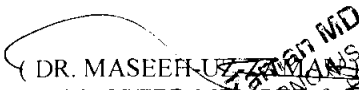

(PROF. DR. MAHMOOD AHMAD)
SECRETARY & PROFESSOR OF CPS
RADIOLOGY
Head Department of Radiology,
Cyberknife Robotic Radiosurgery Oncology
Jinnah Postgraduate Medical Centre, Karachi


(DR. AKHTAR AHMED MEMON)
MEMBER & DIRECTOR KIRAN


(DR. SHAISTA JABEEN)
MEMBER & ADDITIONAL
DIRECTOR (PH)
REPRESENTATIVE OF
HEALTH DEPARTMENT


(DR. BABER KHAN)
MEMBER & ASSISTANT
ACCOUNTANT GENERAL, A.G. SINGH


(PROF. ANISUDDIN BHATTI)
CHAIRMAN & EXECUTIVE DIRECTOR


(DR. MASEEH-UZ-ZAMAN)
CO-OPTED MEMBER
HEAD OF NUCLEAR MEDICINE
DEPARTMENT, Jinnah Postgraduate Medical Centre,
UNIVERSITY OF Sindh, KARACHI

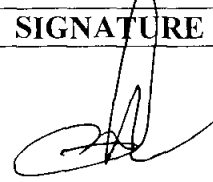
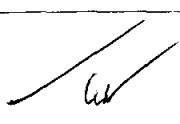
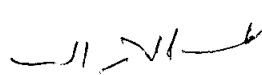
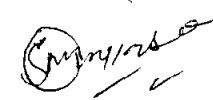
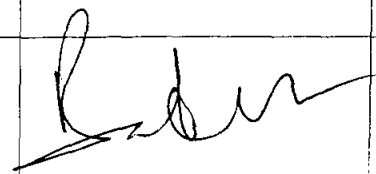
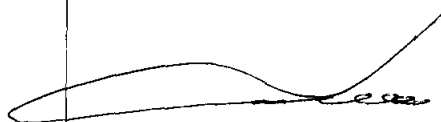
DR. MASEEH-UZ-ZAMAN MD, FASNC
CO-OPTED MEMBER (USA), FEBNM (EU)
Head Nuel Med.
Department of Nuclear Medicine
Jinnah Postgraduate Medical Centre
Karachi
MBBS, MCh, FRCR, FRCR (N) & FRCR (R)
Assoc. Prof. & Head of Dept. of Radiology
UNIVERSITY OF SINDH, KARACHI

19-03-2016

OPENING OF COMMERCIAL BIDS OF TENDER NO.F.1-9/2015-16-AD(M)/JPMC FOR SUPPLY AND INSTALLATION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKEER AT JPMC, KARACHI

ATTENDANCE SHEET OF PROCUREMENT COMMITTEE FOR THE SUPPLY AND INSTALLATION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER AT JPMC, KARACHI NON ADP/GOVERNOR DIRECTIVE” DURING YEAR 2015-16,

HELD ON SATURDAY 19-03-2016 AT 12.00 NOON.

S.NO	N A M E	SIGNATURE
1	Prof. Anisuddin Bhatti, Chairman & Executive Director, JPMC	
2	Prof. Tariq Mehmood, Member/Secretary & Head of Department of Radiology, JPMC	
3	Dr. Akhtar Ahmed Memon, Member & Director, Karachi Instititue of Radiotherapy and Nuclear Medicine	
4	Dr. Shaista Jabeen, Member & Additional Director(PH) Representative of Health Dpartment	
5	Dr. Baber Khan, Member & Assistant Accountant General, Accountant General of Sindh Representative of Accountant General Sindh, Karachi.	
	CO-OPTED MEMBER	
1	Dr. Maseeh-uz-Zaman, Co-opted Member & Agha Khan University Hospital, Karachi.	

LIST OF FIRM WHO ATTENDED THE COMMERCIAL BID OPENING OF

TENDER NO.F.1-9/2015-16/AD(M)/JPMC

**FOR THE SUPPLY AND INSTALLATION OF DOSE ON DEMAND
CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER AT JPMC,
KARACHI.**

S.NO	NAME OF FIRMS	SIGNATURE WITH NAME OF PERSON	MOBILE NUMBER
	BNN	<i>Humayun</i>	0331-3135993
	ALLMED SOLUTIONS	MIRZA SHAMS <i>Shams</i>	0333 2495669

PROF. Dr. TARIQ MAHMOOD
MBBS, DMRD, FCPS
Head Department of Radiology,
Cyberknife Robotic Radiosurgery Oncology
Jinnah Postgraduate Medical Centre, Karachi

Maseeh uz Zaman MD. FASNC
MBBS, MS, FCPS, DCBNC (USA), FERN, TELU
Associate Prof. & Section Head Niro, Men
Department of Radiology
AKUH, Karachi

M. Kiran
DIRECTOR
Karachi Institute of Radiology &
Nuclear Medicine (KIRAN)

R. Khan
General
Officer-in-Charge
Jinnah, Karachi

[Signature]
Executive Director
Jinnah Postgraduate Medical Centre
Karachi.

Shabica Babee
Additional Director (PH)
Health Department
Government of Sindh
Karachi

DEVELOPMENT SCHEME " PROVISION OF DOSE ON DEMAND CYCLOTRON FOR PRODUCTION OF PET BIO-MARKER FOR JINNAH POSTGRADUATE MEDICAL CENTRE, KARACHI NON ADP / GOVERNOR DIRECTIVE"

Supply and Installation of Dose on Demand Cyclotron (One Unit) for Production of Bio-Marker at JPMC, Karachi for the year 2015-16
Commercial C.S Tender No.1-9/2015-16
Opened on 19-03-2016

S.NO	NAME OF ITEMS	Alimed Solution	
1	CYCLOTRON PARAMETERS		
	Make	ABT Molecular Imaging, USA	
	Model No	BG-75	
	Sole Agent/Manufacturer	Yes	
1	CYCLOTRON PARAMETERS	USD 1,849,000	
A	Low Energy Particle Accelerator/Cyclotron. The device should be a self-shielded low energy accelerator (or cyclotron) generating a proton beam for the bombardment of a liquid target to produce positron emitting isotopes. The positron emitting fluorine-18 isotope will then be transferred to a synthesis device which allows incorporation of the radioactive isotope into a molecule or biomarker which can be used for in vivo biomedical imaging in conjunction with a PET scanner.		
B	The system should be self-shielded and housed in approximately 6m x 6m x 2.4m (height) space. Operator should also be able to operate all equipment in automated or manual mode for diagnostic and maintenance purposes.		
C	System should be able to accelerate beam energy between 7-10 Mev under completely automated sequencing.		
D	Magnetic field from the cyclotron shall be within the safety limits at the interior surface of all adjacent walls in adjoining rooms to the room when the cyclotron is operated at maximum magnet current.		

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Maseeh uz Zaman MD, FASNC
 MBBS, MS, FCPS, DCRC (USA), FEBNM (EU)
 Associate Prof. & Section Head, Nucleo-Med
 Department of Radiology
 AKUH, Karachi

PROF. DR. TARIQ WAHID
 MBBS, DMRD, FRCR
 Head Department of Radiotherapy,
 Cyberknife Robotic Radiosurgery Technology
 Jinnah Postgraduate Medical Centre, Karachi

Page 1 of 7

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S.NO	NAME OF ITEMS	Alimed Solution	
E	The control operations shall include one computer workstation with online printer. It shall not require any other individual workstation to run each of the major systems or subsystems. The workstation environment shall provide a simple and automated scheme to record, recall, and display & graph parameter information.		
F	System should be capable of single 10-30 mCi or better F-18 FDG production runs in succession, utilizing <400 uL or less amount of O-18 water per production run.		
2	TARGET SYSTEMS		
A	18-F target for production of 18-F.		
B	Targets should be easily replaced / rebuilt so as not to significantly impact operation.		
C	An integrated system to automatically transfer products from target to the chemistry system.		
3	SHIELDING AND SAFETY SYSTEM		
A	The accelerator must be adequately shielded. The shield must be capable of reducing exposure from both gamma photons and neutrons to a level below 4.0 mr/hr at the surface of the shield		
B	Neutron shielding should be provided with the cyclotron		
C	The accelerator shielding must be of sufficient thickness and in appropriate locations such that the radiation fields at the interior walls of the cyclotron room are < 1.0 mr/hr		
D	For safety, shall have an interlock system to prevent operation of the cyclotron in the event that a potential hazardous condition, such as the presence of unshielded fields, when in operation.		

(Signature)

Dr. Masood Ahmad

Maseeh uz Zaman MD, FASNC
 MBRs- MS, Fcps, DCBNC (USA), FEBNM (EU)
 Associate Prof. & Section Head Nuel Med.
 Department of Radiology
 AKUH, Karachi

PROF. DR. TARIQ MAHMOOD
 MBRs- DMRD, FRCR
 Head Department of Radiology
 CyberKnife Robotic Radiosurgery Institute
 Jinnah Postgraduate Medical Centre

Prof. Masood Ahmad

(Signature)

S.NO	NAME OF ITEMS	Aligned Solution
4	AUTOMATED RADIOCHEMISTRY	
A	Include a fully integrated automated chemistry module for ^{18}F -FDG single dose production housed in suitable shielding providing <3.0 m/hr radiation field when in use or better.	
B	(18F)FDG Chemistry Module; utilize a card or cassette based consumable for FDG dose production	
C	Provide (1) Chemistry Production Module for single dose production of both F-18 FDG and NAF including automation of several CGMP Quality Control measurements as defined below	
D	Final FDG radio-pharmaceutical dose should be automatically dispensed and provided in final syringe	
E	Automated Quality Control for each individual dose should be integrated into the ^{18}F FDG Chemistry Module. The following measurements should be provided, without user intervention: pH, Radiochemical Identity, Radiochemical Purity, Chemical Purity, Residual Solvent and Filter Integrity. Bacterial endotoxins, sterility, color/clarity, radionuclide identity, radionuclide purity, should be measured separately utilizing conventional methods and equipment.	
F	A 511 KeV shielded syringe holder should be provided for transport and patient injection of final dose	
5	Site planning	
A	Vendor shall provide an accurate layout plan for the cyclotron. Logical workflow and radiation safety norms should be adhered to in the layout.	

Signature
 Date: _____
 Name: _____

Maseeh uz Zaman MD, FASNC
 MBBS, MS, FCPS, DCRNC (USA), FEBNM (EU)
 Associate Prof. & Section Head Nucl Med
 Department of Radiology
 AKUH, Karachi.

PROF. DR. TARIQ MATTOOD
 MBBS, DMRD, FRCR
 Head Department of Radiotherapy
 CyberKnife Centre, Radiotherapy
 Jinnah Postgraduate Medical Centre

Signature

Signature

SNO	NAME OF ITEMS	Aligned Solution
B	Layout: All components required for radiopharmaceutical production and quality control, including the accelerator system and radiochemistry system, is capable of fitting in a 6m x 6m space or less space.	
C	Shielding: The accelerator and chemistry module should provide adequate shielding to minimize radiation field to < 1.5mR/hr at room boundary	
D	Electrical: 220-250V, 100A, single-phase power	
E	Floor Loading: Total floor loading should be < 2000 kg per square foot	
F	Rigging: The system, including integrated shielding, should be capable of being rigged into the facility through a 140cm doorway if required	
G	Testing : Vendor will conduct both factory and on-site Acceptance Testing to confirm the following: That the user interface for controlling the accelerator is complete, correct and properly documented. Integrity of radiation shields. Function and performance of targets. Performance of automated radio chemistry module. Performance of automated quality control for each FDG dose Integrated computer operation.	
H	Water Chillers (20 7 KW Cooling capacity) will be provided by the vendor.	

(Handwritten signature)
 Maseeh uz Zaman MD, FASNC
 Associate Prof & Section Head Nierl Merl
 Department of Radiology
 AKUH, Karachi

Maseeh uz Zaman MD, FASNC
 MBBS, MS, Fcps, DCBNO, NUSAL, FERNM (EU)
 Associate Prof & Section Head Nierl Merl
 Department of Radiology
 AKUH, Karachi

PROF. Dr. TARIQ MAJID
 MBBS, DMRD, FCF
 Head Department of Radiology,
 Cyclotron Robotic Radiotherapy Centre
 Jinnah Postgraduate Medical Centre

(Handwritten signature)
 Tariq Majid

(Large handwritten signature)

S.NO	NAME OF ITEMS	Allmed Solution
6	TRAINING	
A	Training for one Physicist/Engineer shall be provided at Factory and on site for operational staff.	
7	Warranty & post warranty agreement & maintenance contract	
A	Warranty period shall be for one year starting from date of full functional commissioning including all parts and consumables gases.	
B	Vendor will provide start up Kits to run test doses of Cyclotron as per requirement / satisfactory production of FDG.	
C	Maintenance of the machine/equipment its gases / glycolated water etc. during the whole period of warranty shall be responsibility of the vendor failing which, the vendor will have to pay down time penalty as indicated in terms and conditions.	
D	An annual optimal uptime of 250 days out of 365 days in a year (8am to 8pm) or more is considered as an acceptable level of performance. Uptime shall be defined as time available to user for processing of FDG dose.	
E	If the uptime percentage for the measurement period shall fall short of 95% annually, the following formula will be applied to determine additional days in the warranty/service contract period <ul style="list-style-type: none"> • 100 - 96% no penalty • 95 - 90% the warranty period will be extended by 01 times the number of days as extra down time. • 89-80% the warranty period will be extended by 02 times the number of days as extra down time. Below 80% the warranty period will be extended by 03 times the number of days as extra down time.	
F	Down time is defined as the failure in the equipment operation to acquire or process the data and resulting in inability to carry out the required procedure properly and production of FDG dose.	

Signature

Maseen UZ Zaman MD, FASNC
 MBBS, MS, FRCPS, DCRBC (USA), FRCR (UK),
 Associate Prof & Section Head Nucl Med
 Department of Radiology
 AKUH, Karachi

DR. FARID AHMED
 MBBS, DMRD, FRCPS
 Head Department of Radiology,
 Cybernetic Radiation Radiotherapy Oncology
 Ilmiah Street, 1st & 2nd Floor, Karachi

Signature

S.NO	NAME OF ITEMS	Allmed Solution
G	Down time will start as the end user notified the designated service/facility verbally or in writing. The response time of three hours will be considered as normal.	
H	Down time will end when satisfactory repairs have been affected and the system is again fully functional with all parameters available for production and dispensing of FDG dose.	
I	The scheduled preventive maintenance shall not be considered as down time and shall not be more than one day.	
J	Manufacturer/supplier will be responsible for preventive maintenance of the system as per service manual.	
K	Bidder should give the rate of service charges with parts for the complete system and accessories provided by the vendor with the system including gas / glycolated water etc (except consumable kits used daily for production of FDG) and should also quote the cost of service charges without parts and gases, for ten years, after expiry of one year warranty, on yearly basis along with the bid.	
L	Vendor must quote the Cost of daily consumables kit in US \$ and also give an undertaking that cost of this daily use kit will remain same (in US\$) for next five years.	
M	Manufacturer/supplier should also confirm that in event of the services cost or kit cost reducing in line with the manufacturer policy worldwide due to technical innovations or other reviews, they will reduce the maintenance cost and or cost of kits accordingly.	
8	Optional items	
A	Must mention the optional items available with vendor for the same machine and not quoted in the tender specs. Mention separate price of each component	
9	PNRA requirements	
A	Local approval what so ever is needed from Pakistan Nuclear Regulatory Authority before and after installation and commissioning for its clinical use in patients will be responsibility of vendor.	
10	Other terms and conditions	

(Signature)

Maseen Uz Zaman MD, FASNC
 MBBS, MS, FCPS, DRCRNC (USA), FEBNM (EU)
 Associate Prof. & Section Head, Nuclear Med.
 Department of Radiology
 Agha Khan Hospital, Karachi
 Page 6 of 7

PROF. DR. TARIQ MAHMOOD
 MBBS, DMRD, FCPS
 Head Department of Radiology
 Cythera Eosonic Radiology Center
 Jinnah Postgraduate Medical Centre

(Signature)

(Signature)

S.NO	NAME OF ITEMS	AIMED SOLUTION
A	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)	
B	Vendor must also enclose a soft copy on CD/USB in addition to hard copy for technical evaluation committee	
C	Only sole distributors in Pakistan or manufacturer are eligible to participate	
D	Pricing of optional configuration and post warranty terms should be quoted separately.	
E	Pricing of optional configuration with accessories and services should be quoted separately.	
F	Technical evaluation will be based on the standard configuration with accessories of the whole unit.	
G	Commercial evaluation will be based on the standard configuration with accessories of the whole unit.	
11	Quality & safety standards:	
A	Country of origin should be USA/Europe/Japan and equipment approval of their respective quality standards is mandatory.	USA

PROCUREMENT COMMITTEE

(DR. STARO MAHMOOD)
DMD, FCP's
Head of Radiology
CyberMile Road, CyberPark-II
Jinnah Postgraduate Hospital

SECRETARY
PROCUREMENT COMMITTEE
HEAD OF RADIOLOGY, CYBERPARK-II & ONCOLOGY

(DR. AKHTAR AHMED MEMON)
MEMBER & DIRECTOR KIRAN

(DR. SHAISTA JABEEN)
MEMBER & ADDITIONAL DIRECTOR(PH)
REPRESENTATIVE OF HEALTH DEPARTMENT

(DR. BABER KHAN)
MEMBER & ASSISTANT ACCOUNTANT-GENERAL SINDH
REPRESENTATIVE OF A.G. SINDH

(PROF. ANISUDDIN BHATTI)
CHAIRMAN, PROCUREMENT COMMITTEE
& EXECUTIVE DIRECTOR

(DR. WASEEH-UZ-ZAMAN)
MD, FASNC
CO-OPTED MEMBER OF PROCUREMENT COMMITTEE
HEAD OF NUCLEAR MEDICINE DEPARTMENT
AGHA KHAN UNIVERSITY, SOFIA, KARACHI

(DR. WASEEH-UZ-ZAMAN)
FBS, MS, FCP, S, Secular
Associate Prof. & Secretary
Department of Radiology
AKUH, Karachi

NOTIFICATION

No. HD (P&E) 6-1 (119) / 2015. The Government of Sindh, Health Department is pleased to constitute a procurement committee for purchase of ancillary equipment under Rules of Sindh Public Procurement Rules 2010 comprising the following members in respect of development scheme "PROVISION OF DENTAL DEVICES AND EQUIPMENTS FOR PROVISION OF PUBLIC HEALTH POSTGRADUATE MEDICAL CENTRE KARACHI Non-Attending Officer".

- | | |
|--|------------------|
| 1. Prof. Anisuddin Bharti
Executive Director
Jinnah Postgraduate Medical Centre Karachi | Chairman |
| 2. Prof. Tariq Mehmood,
Head Department of Radiology,
Jinnah Postgraduate Medical Centre Karachi | Member/Secretary |
| 3. Dr. Akhtar Ahmed Memon
Director,
Karachi Institute of Radiotherapy and Nuclear medicine. | Member |
| 4. Representative of Health Department
(Not below the rank of BPS-19) | Member |
| 5. Representative of Accountant General Sindh
Karachi | Member |
| Dr. Anis-e-Uz-Zaman
Head of Nuclear Medicine Department,
Azim Khan University Hospital, Karachi. | Co-opted Member |

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

DR. SAEED AHMED MANGRHO
SECRETARY HEALTH

NO. HD (P&E) 6-1 (119) / 2015

Karachi, dated, the 25/05/2015


C.c. to:

- The Additional Chief Secretary (Dev), P&E Department, Govt. of Sindh, Karachi.
- The Executive Director, Jinnah Postgraduate Medical Centre, Karachi.
- The Accountant General Sindh, Karachi with request to nominate a member representative for the committee.
- The Managing Director, Sindh Public Procurement Regularity Authority, Karachi
- All the members of the committee.
- P&E Secretary, Health Department, Govt. of Sindh, Karachi.
- P&E to the Additional Secretary (Dev), Health Department, Government of Sindh, Karachi

Research Officer (Dev)

GOVERNMENT OF SINDH
 JINNAH POSTGRADUATE MEDICAL CENTRE
 KARACHI-75510
 ANNUAL PROCUREMENT PLAN
 FOR THE FINANCIAL YEAR 2015-16

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	Supply and Installation of Dose on Demand Cyclotron for Production of Bio-Marker at JPMC, Karachi.	01 Item	197 million	197 million	Non ADP "Governor Directive"	Tender SPPRA 46(2)			March- April, 2016		


 (Prof. Anisuddh Bhatti)
 Executive Director

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Tenders

Committee

Sample

Documents

Policy Instructions

Review Panel

Black Listed Firms

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Complaints

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Today's 10 Update

Govt Letter

dated 15 Sep

2015

ضروری اطلاع
SPPRA کی ویب سائٹ سے 15-12-2015 سے رجسٹریشن کی ضرورت ہے۔
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General ID
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 Tender Title
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 Page 2 Documents Viewed 924001

S.No.	SPPRA ID	Tender Title	Download	Uploaded On	Advertised On	Closing On	Corrigendum	Comments
25642	2015/001	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
25643	2015/002	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
25644	2015/003	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
25645	2015/004	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
25646	2015/005	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
25647	2015/006	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
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25650	2015/009	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
25651	2015/010	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details
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25700	2015/059	Quota Sindh Medical University Tenders MT WITH SPPA Supply of equipment	Download	17-02-2015	16 Feb 2015	09 Mar 2015		View Details

Sl. No.	Agency	Item Description	Start Date	End Date	Completion Date
25527	Karachi Water and Sewerage Board KWSP	40000 BRT WITH SRD pipe	17-02-2016	16 Feb 2016	09 Mar 2016
25528	Karachi Water and Sewerage Board KWSP	40000 BRT WITH SRD P.E pipe	17-02-2016	16 Feb 2016	09 Mar 2016
25529	Karachi Water and Sewerage Board KWSP	Karachi BRT WITH SRD RCP and Sub.	17-02-2016	16 Feb 2016	10 Mar 2016
25530	Local Government Dept. District Municipal Corporation Karachi	40000 BRT WITH SRD RCP pipe Drain	17-02-2016	16 Feb 2016	04 Mar 2016
25531	Police Dept. Senior Superintendent of Police District	40000 BRT WITH SRD Repair/Reparation	17-02-2016	16 Feb 2016	09 Mar 2016
25532	Government of Sindh Food Department Karachi	40000 BRT WITH SRD Jute bags	17-02-2016	16 Feb 2016	02 Mar 2016
25533	Government of Sindh Food Department Karachi	40000 BRT WITH SRD Hardware	17-02-2016	16 Feb 2016	02 Mar 2016
25534	Local Government Dept. Town Committee P.T. RAH - COMRAH 14	40000 BRT WITH SRD Construction of road	17-02-2016	16 Feb 2016	03 Mar 2016
25535	Local Government Dept. District Municipal Corporation Karachi	40000 BRT WITH SRD improvement / Maintenance	17-02-2016	16 Feb 2016	03 Mar 2016
25536	Karachi Water and Sewerage Board KWSP	Karachi BRT WITH SRD Repair of quarter	17-02-2016	16 Feb 2016	07 Mar 2016
25537	Karachi Water and Sewerage Board KWSP	Karachi BRT WITH SRD Cleaned & deslting	17-02-2016	16 Feb 2016	10 Mar 2016

COMPANY	KSE-30 INDEX	KSE-100 INDEX	KSE-ALLSHR INDEX	NIKKEI INDEX	BATI INDEX	DGI INDEX	KMALLSHR INDEX
23 Previous	17844.66	36474.50	21268.59	51628.07	1449.77	13736.00	14814.51
23 Previous	17909.20	36677.60	21294.17	51974.83	1448.06	10192.00	14337.24
23 High	18056.67	36811.64	21283.56	52337.76	1456.99	11194.10	14394.82
23 Low	17674.87	36276.25	21057.29	51124.51	14301.76	10792.82	14117.52
Net Change	54.54	113.11	25.89	353.00	107.54	237.06	65.76
Percentage	0.30	0.31	0.12	0.68	7.25	1.70	0.40

TURNOVER	TRADING VALUE	MARKET CAPITAL
122,840,610	5,891,320,132	5,463,350,210,734
132,107,600	5,412,569,448	6,472,566,053,440

COMPANIES REFLECTING SIGNIFICANT TURNOVER				
Company Name	Prev. Rate	Closing Rate	Change	Turnover
PLC Ltd	23.50	23.70	24.19	25,799,500
Bank Ltd	4.74	4.72	4.92	17,311,000
Bank Ltd	1.51	1.57	1.50	11,999,000
South Gas	25.23	25.20	24.84	7,009,500
Bank Ltd	55.31	55.50	53.57	6,753,000
Bank Ltd	1.52	1.61	1.51	6,162,000
Bank Ltd	16.12	15.45	15.12	5,194,500
Jah. Sindh. Co.	17.45	17.50	18.45	4,943,500
So. North Gas	22.10	22.49	22.25	4,038,000
Eco. Pakistan	16.85	16.15	16.10	3,739,500

COMPANIES REFLECTING HIGHEST INCREASE/DECREASE IN THEIR RATES					
Company Name	Increased By	Closing Rate	Company Name	Decreased By	Closing Rate
Sapphire Ltd	51.75	231.85	United Overseas	290.00	5120.00
ICI Pakistan	10.64	448.00	Service Ind Ltd	44.20	930.00

FUTURE CONTRACT		
TURNOVER	Plus	Minus
Current	51,953,500	127
Previous	24,997,000	48
	Unchanged	7

COMPANIES REFLECTING HIGHEST INCREASE/DECREASE IN THEIR RATES				
Company Name	Prev. Rate	Closing Rate	Change	Turnover
TRR Ltd	23.68	23.50	24.53	3,039,000
BCP Ltd	8.17	8.12	8.11	4,371,500
BRP Ltd	8.25	8.10	8.21	4,290,500
PAB Ltd	55.32	55.51	53.72	3,193,000
ECCL Ltd	38.22	38.20	38.07	3,010,500

Currency Exchange Rate (PKR)

Currency	Buy	Sell
American Dollar	75.9	76.0
British Pound	167.7	168.0
Canadian Dollar	52.5	52.7
Chinese Yuan	11.0	11.1
European Euro	100.0	100.0
Japanese Yen	0.6	0.6
Korean Dollar	348	350.5
Malaysian Ringgit	31.7	32.0
New Zealand Dollar	68.25	68.07
Singapore Dollar	15.05	15.1
Taiwan Dollar	15.5	15.6
US Dollar	105.75	106

GOLD UPDATES

22K 10g	RS. 37,711
22K 10g	RS. 41,117
10.00g 22K Gold	RS. 18,000

PPP censures Rana Sanaullah

They said that elements such as Rana Sanaullah should be removed from the government in order to eliminate the terrorism from the country and thus the country is continuing by paying the price of the assassinations of General Mir Khan, Benazir Bhutto occurred in Punjab while it is also on record that the incumbent Punjab Chief Minister Shahbaz Sharif had appealed to the terrorist gangs not to carry terror attacks in Punjab, they reminded.

They said that terrorists do not respect any relation but they simply destroy everything, therefore, People like Rana Sanaullah should be removed from the government and should not betray the innocent martyrs of the Army Public Schools and their souls of innocent children, who were killed in terror attacks.

They vowed that the PPP has always opposed the terrorism despite the fact that the terrorist had target of the party alone. The PPP would continue to support all forces that are offering sacrifices for the country and for eliminating the menace of terrorism.

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They vowed that the PPP has always opposed the terrorism despite the fact that the terrorist had target of the party alone. The PPP would continue to support all forces that are offering sacrifices for the country and for eliminating the menace of terrorism.

attack: phone number wish office: Sartaj

Mr Aziz called the lodging of the FIR in connection with the Pathankot assault a "logical and positive step" in bringing the perpetrators to justice.

Chief Minister Masood Azhar has been named by India as the mastermind of the airbase attack and Mr Aziz confirmed media reports that he (Azhar) had been under "protective custody" since Jan 11.

The answer to it lies entirely with India, he said, adding he hoped Prime Ministers Narendra Modi and Nawaz Sharif would meet on the sidelines of the Nuclear Security Summit in Washington next month. Agencies

GOVERNMENT OF SINDH HINAJI POSTGRADUATE MEDICAL CENTER KARACHI-77510

TENDER NOTICE

Sealed tenders, witnessed by the Executive Director, JPMC, Karachi up invited for the supply and installation of Dose on Demand Cycler for Production of the Bio-Market at Hinaji Postgraduate Medical Center, Karachi for the year 2015 to 2016 were procured and down under purchase of SPP Rule 2010, suspended 2015.

Tender No.	Category of Tenders	Cost of Tender	Value of Tender	Bid Security	Deadline for Submission & opening
1-9/2015/16	Supply and installation of Dose on Demand Cycler for Production of Bio-Market at JPMC	RS. 1000	197.000 million	2.5%	08.03.2016

Tenders documents (list of items and terms and conditions) can be purchased from Cashier of this Centre against cash payment from 17.02.2016 to 07.03.2016 during office hours and working day.

Tender will be submitted in the form of a form Administration Block, JPMC, Karachi on 07.03.2016 from 11.30 am to 11.30 pm. The same will be opened on 07.03.2016 at 12.30 pm in the presence of a representative of Proc. participated. For further details contact phone # 99201300 Ext. 3113, 2256 & 2143.

24-02-2016

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THE DAILY JANG KARACHI

جنگ

پانی میر ظلیل الرحمن

جہاں 80

بدھ 8 جمادی الاول 1437ھ 17 فروری 2016ء

نمبر 48

WEDNESDAY FEBRUARY 17, 2016

حکومت سندھ..... جناح پوسٹ گریجویٹ میڈیکل سینٹر
کراچی۔ 75510

ٹینڈر نوٹس

ایگزیکٹو ڈائریکٹر سے پی ایم سی، کراچی کو ایس پی پی روزہ 2010 (ترمیم شدہ 2013) کے رول (2) 46 میں درج طریق کار کے مطابق سال 2015-16 کیلئے جناح پوسٹ گریجویٹ میڈیکل سینٹر کراچی میں پیٹ باؤ مارکر کی پروڈکشن کیلئے ڈوز آن ڈیمانڈ سائیکلوٹران کی فراہمی و تحصیب کی غرض سے سربراہ ٹینڈرز مطلوب ہیں۔

ٹینڈر نمبر	ٹینڈر کی تکمیل کی تاریخ	ٹینڈر کی قیمت	ٹینڈر کی ڈیڈ لائن	ٹینڈر کی فراہمی کی تاریخ
1-9/2015-16	8-3-2016	2000/- روپے	2.5%	11-30

ٹینڈر دستاویزات (آئٹمز اور شرائط و ضوابط کی فہرست) نقد ادائیگی پر 17-02-2016 سے 07-03-2016 تک یوم کار اور دوران دفتری اوقات سینٹر ہڈا کے کیشئر سے حاصل کی جاسکتی ہیں۔ ٹینڈر 8-3-2016 کو صبح 8-30 بجے سے دن کے 11-30 بجے کے درمیان کھلی روم ایڈیشنیشن بلاک سے پی ایم سی میں جمع کرائے جائیں، جو کہ اسی روز دوپہر 12-30 بجے فرم کے نمائندوں کی موجودگی میں کھولے جائیں گے۔ مزید تفصیلات کیلئے فون نمبر 99201300 ایکسٹینشن 2413، 2256 اور 2548 پر رابطہ کریں۔

ایگزیکٹو ڈائریکٹر دستخط (INF/KRY-375/16)

ایک انسان کا دل پوری انسانیت کا دل ہے..... بدستواری سے گریز کریں

سندھ میں شہری بہتری سے لے کر سائنس و ایجوکیشن تک ہر شعبہ میں کامیابی کے لیے ہمیں مل کر کام کرنا پڑے گا۔

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