



**LIAQUAT UNIVERSITY**  
OF MEDICAL & HEALTH SCIENCES JAMSHORO, SINDH - PAKISTAN  
URL: [www.lumhs.edu.pk](http://www.lumhs.edu.pk)

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**"SAY NO TO CORRUPTION"**

DOC# LUMHS/ESTD/REG/126  
ISSUE DATED: 27-07-16

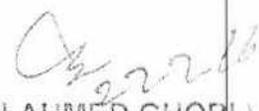
**ORDER**

In partial modification of this University Order No.LUMHS/REG/-16668/77, dated 08-06-2016, the Vice-Chancellor has been pleased to re-constitute a committee comprising the following faculty/officers of this University to carry out the working on the project i.e. "Establishment of advance Diagnostic Centre at main campus of LUMHS Jamshoro" and propose its recommendation further consideration:

- |   |                 |
|---|-----------------|
| 1. Prof. Dr. Muneer Ahmed Junejo<br>Pro Vice-Chancellor (Administration)            | Chairman        |
| 2. Prof. Dr. Ikramdin Ujjan<br>Dean, Faculty of Basic Medical Sciences              | Co-opt Member   |
| 3. Prof. Ghulam Qadir Buledi<br>Chairman, Department of Radiology                   | Co-opt Member   |
| 4. Mr. Hadi Bux Abro<br>Consultant (Finance)  | Member          |
| 5. Engineer Tariq Ahmed<br>Dow University of Medical &<br>Health Sciences, Karachi. | External Member |

**The Terms of References of the committee are as under:**

- The committee shall initially identify the available space/ building in the medico legal section of the Forensic Department and recommend the necessary renovation as per need basis.
- The committee shall initiate the process of procurement of Diagnostic equipments and allied accessories to Establish the Advance Diagnostic Centre.
- The renovation/ civil works shall be carried out from D & R Laboratory funds and all payments shall be made from D & R Laboratory Account.
- After completion of all requirements i.e. infrastructure, equipment etc the LUMHS Diagnostic Centre shall be managed for the purpose of operation and Maintenance by the D & R Laboratory Administrator.

  
( PROF. RAFI AHMED GHORI )  
REGISTRAR  
LIAQUAT UNIVERSITY OF MEDICAL &  
HEALTH SCIENCES, JAMSHORO.

**Copy to the: -**

- All the members of the committee as above.

**Copy for information to the: -**

- P.S. to Vice-Chancellor.

## BID EVALUATION REPORT

01. **Name of Procuring Agency:** Liaquat University of Medical & Health Sciences, Jamshoro.
02. **Tender Reference No.** LUMHS/D&R/Lab:Accounts/961/15
03. **Tender Description / Name of Work / Items:** Category-A, Purchase & Supply of Diagnostic Equipment & Category-B Purchase & Supply of 200 KV Generator Set for "Establishment of Advance Diagnostic Center of LUMHS" Jamshoro.
04. **Method of Procurement Tender through:** Single Stage Two envelopes bidding procedure.
05. **Tender published:** LUMHS Website on 26-07-2016 & SPPRA Website on 29-07-2016.  
Print & Electronic Media (SPPRA I.D No. 29616 dated: 29-07-2016, newspapers daily: Jang on 27-06-2016, daily: Dawn on 27-06-2016, daily: Ibrat on 28-06-2016.
06. **Total Bids Documents Sold:** 10 Nos. (6 for Category-A & 4 for Category-B)
07. **Total Bids received** 09 Nos.
08. **Technical Bid Opening date:** 11-08-2016.
09. **No of bid technically qualified** 07 (5 for category-A & 2 for category-B)
10. **Bid(s) rejected** Nil. *Two*
11. **Financial Bid Opening date:** 25-08-2016
12. **Bid Evaluation Report.**

### CATEGORY-A, PURCHASE & SUPPLY OF DIAGNOSTIC EQUIPMENT FOR "ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTER OF LUMHS" JAMSHORO.

S#	Name of Firm/ Bidder	Cost Offered by the Bidder	Ranking in terms of cost	Comparison with estimated cost	Reasons for acceptance / rejection	Remarks
01	M/s Allmed Solutions	As per financial comparative statement	Qualified for item being best evaluated item no.1	Within Estimated	As Per Bid Evaluation Criteria	Qualified for items being best evaluated item no.1
02	M/s Medequips, S.M.C	As per financial comparative statement	1 <sup>st</sup> Lowest	Within Estimated	As Per Bid Evaluation Criteria	Qualified for items being best evaluated item no.2 & 3
03	M/s Shirazi Trading Co. (Pvt.) Ltd.	As per financial comparative statement	3 <sup>rd</sup> Lowest in item no.3	Within Estimated	As Per Bid Evaluation Criteria	
04	M/s Bio-Tech Services	As per financial comparative statement	1 <sup>st</sup> Lowest in item no.3	Within Estimated	As Per Bid Evaluation Criteria	M/s Bio-Tech Services is lowest, technical committee recommend 2 <sup>nd</sup> lowest i.e. M/s Medequips, reasons mentioned in minutes of meeting (document attached)
05	M/s DWP Technologies (Pvt.) Ltd.	As per financial comparative statement	3 <sup>rd</sup> Lowest in item no.2	Within Estimated	As Per Bid Evaluation Criteria	

### CATEGORY-B PURCHASE & SUPPLY OF 200 KV GENERATOR SET FOR "ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTER OF LUMHS" JAMSHORO.

S#	Name of Firm/ Bidder	Cost Offered by the Bidder	Ranking in terms of cost	Comparison with estimated cost	Reasons for acceptance / rejection	Remarks
01	M/s Orient Energy Systems Pvt. Ltd.	As per financial comparative statement	1 <sup>st</sup> lowest in items no.1	Within Estimated	As Per Bid Evaluation Criteria	Qualified for items being best evaluated item no.1
02	M/s Allied Engineering & Services (Pvt.) Ltd.	As per financial comparative statement	2 <sup>nd</sup> lowest in items no.1	Within Estimated	As Per Bid Evaluation Criteria	

**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

**Engineer Tariq Ahmed,**  
Dow University of Medical & Health Sciences, Karachi  
Member

**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

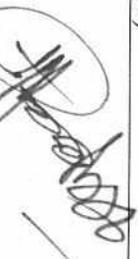
**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

**FINANCIAL COMPARATIVE STATEMENT**

**Category (A) Purchase & Supply of Diagnostic Equipment for Establishment of Advance Diagnostic Center of LUMHS" Jamshoro.**

S#	Name of Item	NAME OF FIRMS					Remarks
		M/S Shirazi Trading Co. (Pvt.) Ltd.	M/S Medequips, S.M.C	M/S Allmed Solutions	M/S Bio-Tech Services	M/S DWP Technologies (Pvt.) Ltd	
01	MRI Open Permanent Magnet System 0.2 and above Tesla (Make: Japan, USA, Europe)	Not Quoted	Disqualified	<b>U.S \$ 795,000</b>	Not Quoted	Not Quoted	M/s Allmed Solutions qualified for this item. Rates given by firm have been verified by the committee from the market rate as per rule 48.SPPRA.
02	Multi Detector C.T Scanner 16 Slice (Make: Japan, USA, Europe) Doppler Ultrasound Machine with all attachment with following PROBES: i) Convex Linear (Standard Abdominal) frequency range: 3.5MHZ ii) Linear Small Parts, Frequency Range: 7 MHZ -11 MHZ. iii) Transvaginal 90° Rotation (Make: Japan, USA, Europe) iv) Ultrasound, Thermal Paper Printer (Make: Japan, USA, Europe)	Not Quoted	<b>U.S \$ 344,500</b>	U.S \$ 380,000	Not Quoted	U.S \$ 498,000	M/s Medequips is lowest recommended for approval
03		U.S \$ 45,000	<b>U.S \$ 31,500</b>	U.S \$ 70,000	<b>Euro € 23900</b>	Not Quoted	M/s Bio-Tech Services is lowest, technical committee recommend 2 <sup>nd</sup> lowest i.e. M/s Medequips, reasons mentioned in minutes of meeting (document attached)

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

**Prof. Dr. Munger Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

  
**Prof. Dr. Chatham Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

Technical Tender Opened on 11-08-2016  
Financial Tender Opened on 25-08-2016

**FINANCIAL COMPARATIVE STATEMENT**

**(B) Purchase & Supply of 200 KV Generator Set for "Establishment of Advance Diagnostic Center of LUMHS" Janshoro.**

S#	Name of Item	NAME OF FIRMS		Remarks
		M/s Allied Engineering & Services (Pvt.) Ltd,	M/s Orient Energy Systems (Pvt.) Ltd.	
01	200 KV Generator Set (Make: Japan, USA, Europe)	Rs.5,249,819/-	Rs.4,028,927/-	M/s Orient Energy Systems (Pvt.) Ltd. is lowest recommended for approval

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

  
**Prof. Dr. Muneeb Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

  
**Prof. Dr. Chulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

## CATEGORY - A

### LIAQUAT UNIVERSITY OF MEDICAL & SCIENCES JAMSHORO-HYDERABAD

### TECHNICAL BID EVALUATION REPORT

**SUPPLY OF EQUIPMENTS, INSTALLATION, COMMISSIONING & TRAINING FOR ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTRE OF LUMHS AT LIAQUAT UNIVERSITY OF MEDICAL & HEALTH SCIENCES, JAMSHORO.**

#### 1. SCOPE

The Vice Chancellor, Liaquat University of Medical & Health Sciences, Jamshoro invited Bids No. LUMHS/D&R LAB:/Accounts/961/15 for the scope of "supply of equipments, installation, commissioning & training for establishment of advance diagnostic centre at LUMHS Jamshoro-Hyderabad". Bids were invited as per SPPRA Rules 2010 through ONE STAGE- TWO ENVELOPE PROCEDURE.

#### 2. BIDDING PROCESS.

Bidding process was opened for all registered supplier, distributors, manufactures or their representatives, agents or Importers who are registered in Income Tax & Sales Tax Departments, Government of Islamic Republic of Pakistan, and they were fully eligible to bid and participate.

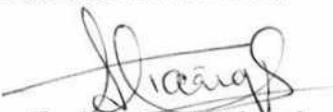
The Bids were invited through a Notice published in Urdu, English and Sindhi National Daily News Papers i.e Daily Dawn, Daily Jang and Daily Ibrat as well as on SPPRA (Sindh Government) web site on 27.07.2016. Copy attached in separate annexure.

The last date for purchase of the Bids from the office of Chief Accountant Office of Director Finance, LUMHS, Jamshoro was fixed as 11<sup>th</sup> August 2016.

The Bidders were required to submit written request on letter head to the above mentioned office upon payment of non refundable prescribe tender fees mentioned in the NIT in shape of pay order in the name of Vice Chancellor Liaquat University of Medical and Health Sciences .

Total six (06) Bid Documents (tenders) were sold / issued by the Chief Accountant Office of Director Finance, LUMHS, Jamshoro-Hyderabad to the bidders listed below:

  
**Mr. Hadi Rux Abro,**  
Consultant (Finance)  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

  
**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
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**Prof. Dr. Muneer Ahmed Junejo,**  
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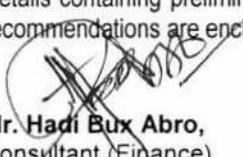
S. #	Category	Description	Name of Bidders who purchased Bidding Documents	Total Bid Documents (Tenders) Issued
1	A	1. MRI Open Permanent Magnet System 0.2 and Above Tesla 2. Multi Detector C.T Scanner 16 Slice 3. Doppler Ultrasound Machine with all attachments and probes 4. Ultrasound Thermal paper printer	1. M/s Allmed Solutions 2. M/s Bio-Tech Services 3. M/s DWP Technologies (Pvt.) Ltd 4. M/s Ontech Corporation 5. M/s Medequips SMC 6. M/s Shirazi Trading Company (Pvt) Ltd	Six (06)

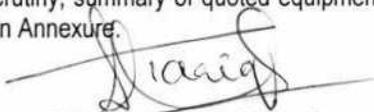
### 1. SUBMISSION OF BIDS.

The deadline for submission of Bid was fixed as 11.08.2016. Six (06) tenders have been submitted by Six (06) Bidders as per fixed date and time in the office of Vice Chancellor Liaquat University of Medical & Health Sciences, Jamshoro. All six (06) bids were scrutinized administratively and technically, only Five (05) bids were found qualified. Item wise detail of participated bidders and detail of qualified bidder is given below.

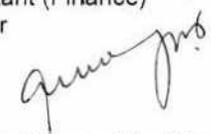
S. #	Category	Equipment Name	Bidders Participated	Technically Qualified Bidders	Name and Reason of Disqualified Bidders
1	A – Diagnostic Equipment	1. MRI Open Permanent Magnet System 0.2 and Above Tesla	1. M/s Allmed Solutions 2. M/s Ontech Corporation 3. M/s Medequips S.M.C	1. M/s Allmed Solutions	1. M/s Ontech Corporation 2. M/s Medequips S.M.C  Disqualified due to quoted MRI Machines are Manufactured in China which is not acceptable.
2	A – Diagnostic Equipment	2. Multi Detector C.T Scanner 16 Slice	1. M/s Allmed Solutions 2. M/s DWP Technologies (Pvt) Ltd 3. M/s Medequips	1. M/s Allmed Solutions 2. M/s DWP Technologies (Pvt) Ltd 3. M/s Medequips	NIL
3	A – Diagnostic Equipment	3. Doppler Ultrasound Machine with all attachments and probes	1. M/s Allmed Solutions 2. M/s Bio-Tech Services 3. M/s Medequips S.M.C 4. M/s Shirazi Trading (Pvt) Ltd	1. M/s Allmed Solutions 2. M/s Bio-Tech Services 3. M/s Medequips S.M.C 4. M/s Shirazi Trading (Pvt) Ltd	NIL
4	A – Diagnostic Equipment	4. Ultrasound Thermal paper printer	1. M/s Bio-Tech Services	Not Qualified	M/s Bio-Tech Quoted Complete Ultrasound Machine instead of Required Thermal Ultrasound paper Printer.

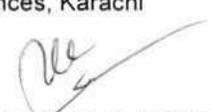
Details containing preliminary scrutiny, summary of quoted equipment and technical evaluation along with comments and recommendations are enclosed in Annexure.

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
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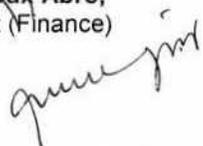
  
**Prof. Dr. Ghulam Qadir Buledi,**  
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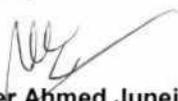
  
**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

PRELIMINARY SCRUTINY OF BIDDING DOCUMENT							
S #	Details	M/s Allmed Solutions	M/s Bio-Tech Services	M/s DWP Technologies	M/s Ontech Corporation	M/s Medequips SMC	M/s Shirazi Trading
1	Original tender purchase receipt.	✓	✓	✓	✓	✓	✓
2	Copy of Bid Security without amount with Technical Bid.	✓	Copy of Bid Security without amount not found	✓	✓	✓	✓
3	Technical Proposals / Quotations with item by item commentary	✓	✓	✓	✓	✓	✓
4	Original Biding Document including all terms and conditions duly signed and stamped.	✓	✓	✓	✓	✓	✓
5	Original Technical Brochures and data sheet of each quoted item with sign and stamp of Bidder	✓	✓	✓	x	✓	x
6	Company Registration Certificates / valid Income tax and General Sales Tax certificate.	✓	✓	✓	✓	✓	✓
7	Company Profile Containing Introduction, date of Establishment	✓	✓	✓	x	✓	✓
8	Professional Experience of Technical Staff / Trained Person including Application to perform experiment at site for minimum 3 years	✓	✓	✓	x	✓	✓
9	Current Financial Position (Bank Certificate, Financial Audited Reports	✓	✓	✓	✓	✓	✓
10	Reference List of similar equipment	✓	✓	✓	x	✓	✓
11	Copy of valid attested agency certificate/ agreement.	✓	✓	✓	✓	✓	✓

  
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 Chairman

  
**Prof. Dr. Ghulam Qadir Buledi,**  
 Visiting Prof. Department of Radiology  
 Member

PRELIMINARY SCRUTINY OF BIDDING DOCUMENT							
S #	Details	M/s Allmed Solutions	M/s Bio-Tech Services	M/s DWP Technologies	M/s Ontech Corporation	M/s Medequips SMC	M/s Shirazi Trading
12	List of Testing Equipments & detail of Workshop.	✓	✓	✓	✓	✓	✓
13	Under taking on judicial paper, stating that the equipments supplied are brand new and of latest version, free from defects in design, material, workmanship	✓	✓	✗	✓	✓	✓

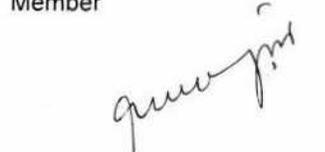
### SUMMARY:

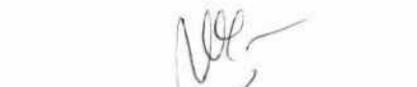
1. M/s Allmed Solutions Submitted all document as per requirement.
2. M/s Bio-Tech Services Submitted all document as per requirement instead of Copy of Bid Security without amount which is not found.
3. M/s DWP Technologies (Pvt.) Ltd Submitted all document as per requirement instead of undertaking on Judicial Paper which is not found.
4. M/s Ontech Corporation Following document are missing
  - a) Original Technical Brochures.
  - b) Company Profile
  - c) Professional Experience of Technical Staff
  - d) Reference List of similar equipment
5. M/s Medequips SMC Submitted all document as per requirement.
6. M/s Shirazi Trading Company (Pvt) Ltd Submitted all document as per requirement instead of Original Brochure.

  
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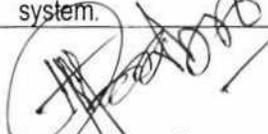
  
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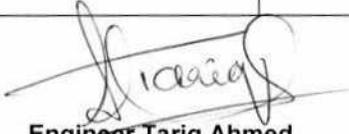
  
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 Chairman

## TECHNICAL EVALUATION

### Category -A (ITEM NO. 1 MRI System)

Specification of MRI	Name of Participant		
	M/s Allmed Solutions	M/s Ontech Corporation	M/s Mediequips S.M.C
MAKE / BRAND:	Hitachi	BASDA Medical Apparatus Co.	Neusoft
MODEL:	AIRIS Light	BTI-30	Superstar 0.35T
COUNTRY OF ORIGIN / MANUFACTURER:	Japan	China	China
Main Features of Magnet Resonance Imaging System: (1) Magnet Type: Permanent (2) Magnet Field Strength: 0.2 Tesla or more (3) Power of RF amplifier: 5 KW or better (4) Vertical gap distance (patient aperture): 38cm or more (5) Maximum gradient field strength: 22 mT/m or more. (6) Maximum Slew rate: 55m T/m/s or more. (7) Minimum slice thickness: 0.1 mm or less. (8) Maximum slice thickness: 100mm or more (9) Field of view min 8 (10) Field of view Maximum: 320 mm more (11) Shielding and shimming Active/Passive.	Permanent 0.25 Tesla  OK	Permanent 0.3 Tesla  OK	Permanent 0.35 Tesla  OK
Coil Sets (Quadrature /Phased Array) (1) Head Coil (2) Body coil (Medium & Large Size) (3) Knee coil (4) Shoulder and joint coil (5) Breast Coil	OK	OK	OK
Patient Table and Comforts (1) Weight bearing capacity of table 150kg or more. (2) Intercom system for the patient & technologist	OK	OK	OK
RF Cabin (1) As per recommendation of manufacturer (2) Dimension of cabin should be compatible with the system.	OK	Not Mentioned	OK

  
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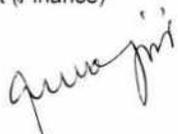
  
**Prof. Dr. Muneer Ahmed Junejo,**  
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 Chairman

<p>Imaging packages</p> <p>The system should be complete with all standard packages including the following:</p> <p>(1) Conventional scan: Routine T-1, T-2, proton density, FS and FLAIR imaging.</p> <p>(2) Fast scans: SE, IR, fast SE, GRE</p> <p>(3) EPI (diffusion weight imaging)</p> <p>(4) Multi planner reconstruction (MPR) &amp; MRA (TOF &amp; PC)</p> <p>(5) Maximum and minimum intensity projections (MIP)</p> <p>(6) Fast protocols &amp; motion correction for uncooperative patients.</p>	OK	OK	OK
<p>Computers</p> <p>(1) Processor: I3, I5 (3.0GHZ or better)</p> <p>(2) RAM: 4GB or better</p> <p>(3) Hard disk 300GB or more</p> <p>(4) Image reconstruction: Computer should be capable of image reconstruction at a speed of 700 images/sec or more at 256x256 matrix</p> <p>(5) Monitor: 19 inch or more flat screen</p> <p>(6) Other devices: CD-ROM, keyboard, Mouse.</p> <p>(7) The software should be capable with latest version of DICOM (DICOM 3 or later).</p> <p>(8) Analysis of MR images i-e window level, rotation, distance &amp; angle measurements, area analysis and edge enhancement must be available.</p> <p>(9) Facility of transfer of images to CD/DVD should be available.</p>	OK	OK	OK
<p>Film Printer</p> <p>Latest DICOM film printing system for 14"x17" size from a reputable manufacturer (KODAK/AGFA/FUJI or similar)</p>	OK	OK	OK
<p>Accessories:</p> <p>Non-magnetic patient wheel-chair, non-magnetic patient trolley, non-magnetic IV-pole and a hand held metal detector would be supplied by the firm.</p>	OK	OK	OK
<p>UPS for MRI System</p> <p>UPS capable to operate the MRI system for 10 minutes or more.</p>	OK	OK	OK
<p>Power requirements of MRI system Must be less than 12kVa</p>	OK	OK	OK
<p>Warranty: Three years with parts and labor.</p>	OK	OK	OK
<p>Country of Origin: US/EU/Japan</p>	Japan	China	China
<p>Factory training of an engineer. On site application training of Radiologist / technologist.</p>	OK	OK	OK
<p><b>Final Status of Qualification of the Quoted Equipment:</b></p>	<b>Qualified</b>	<b>Disqualified</b>	<b>Disqualified</b>
<p><b>Remarks / Reasons of Disqualification:</b></p>		Due to Quoted Equipment manufactured in China	Due to Quoted Equipment manufactured in China

  
**Mr. Hadi Bux Abro,**  
 Consultant (Finance)

  
**Engineer Tariq Ahmed,**  
 Dow University of Medical  
 & Health Sciences, Karachi  
 Member

  
**Prof. Dr. Ghulam Qadir Buledi,**  
 Visiting Prof. Department of Radiology Member  
 Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
 Dean, Faculty of Basic,  
 Medical Sciences  
 Member

  
**Prof. Dr. Muneer Ahmed Junejo,**  
 Pro-Vice Chancellor, (Administration)  
 Chairman

## Summary and Recommendation of Technical Evaluation:

### Summary:

In this Item No. 1 (MRI Open Permanent Magnet System 0.2 and Above Tesla) Three (03) Bidders participated.

1. M/S Allmed Solutions : M/s Allmed Solutions found fully Qualified in Administrative Preliminary Scrutiny and Technical Evaluation of Quoted Items.
2. M/s Ontech Corporation : M/s Ontech Corporation found Disqualified due to reason mentioned above.
3. M/s Mediequips S.M.C : M/s Mediequips found Disqualified due to reason mentioned above.

### RECOMMENDATION:

Financial Bids of M/S Allmed Solutions may be opened and Award of Contract for the above Item No. 1 (MRI Machine), subject to fulfillment of other codal formalities of the contract and if meet the targeted Budget of this Item.



**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member



**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member



**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member



**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

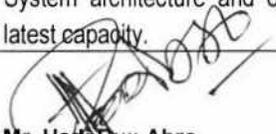


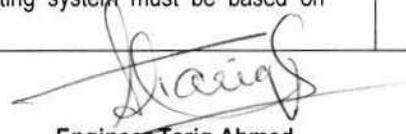
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Pro-Vice Chancellor, (Administration)  
Chairman

## TECHNICAL EVALUATION

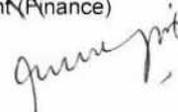
### Category -A (ITEM NO. 2 CT Scan Machine)

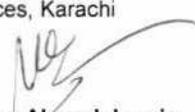
Specification of CT Scan	Name of Participant		
	M/s Allmed Solutions	M/s DWP Technologies	M/s Mediequips S.M.C
<b>MAKE / BRAND:</b>	Hitachi	Philips	Toshiba
<b>MODEL:</b>	SUPRIA 16	MX 16 EVO2	Lightning Aquilion
<b>COUNTRY OF ORIGIN:</b>	Japan	Netherlands	Japan
Multi-detector CT scan			
Gantry:			
Gantry bore to be at least 70 cm or more.			
Minimum gantry rotation speed to be at least 0.8 sec for 16 slices per 360 degree rotation or better with at least 1.7 helical pitch Chest-Abdomen-Pelvis scan time 24 seconds or better	OK	OK	OK
Peripheral Run-off scan time 33 seconds or better High Resolution Chest scan time 11 seconds or better			
Gantry tilt must be +/-30 degree	OK	OK	OK
Maximum field of view to be 50cm.	OK	Not Mentioned	OK
Minimum slice thickness for 16 slices: 0.625mm or less	OK	Not Mentioned	OK
<b>TUBE:</b>			
Heat storage capacity of at least 3.5MHU or more	OK	5 MHU	5 MHU
Anode heat dissipation of at least 800 kHU/min or more			
Generator output of at least 350mA or more.			
<b>GENERATOR &amp; DETECTOR :</b>	50 KW	50 KW	50.4 KW
High frequency type. Maximum power of at least 50 kW or more.			
Dose reduction hardware/software.			
Calculate patient dose in milli-Gray preferably before axial acquisition.			
Low contrast detectability (LCD) calculated on a catphan CT phantom of 5 mm resolution with a CT Number of 3 HU (0.35%) contrast difference or better at 9mGy or less dose.	OK		OK
Scan length of at least 1.45 meters of helical or axial scans in a single acquisition.			
Spatial resolution of 15 lp/cm or better at cut off.			
Usable Detector Width of 20mm or more			
Iso-tropic voxel size of 0.35mm or better			
<b>TABLE :</b>			
Single acquisition scan range of at least 1.45 m.	OK	OK	OK
Scans with at least 0.5 mm accuracy on a 190 Kg patients.			
<b>CONSOLE COMPUTER:</b>			
System architecture and operating system must be based on latest capacity.			

  
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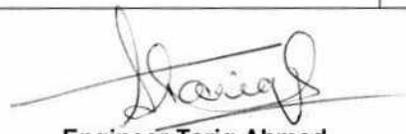
  
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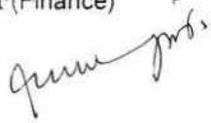
  
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 Chairman

Multi tasking and parallel processing CPU system, Dual Xeon processor or Bit RISC.	OK		OK
At least 550 GB of storage space or more.			
Capable of storing at least 250,000 raw data files in 512 matrix			
Reconstruction at 16 images/frames per second or better			
Console monitor of color 19" (Qty:2) LCD/TFT type. Dual monitors to be provided one for acquisition and the other for display.			
DVD Writer			
CT SCAN SYSTEM ORIGINAL MANUFACTURER'S			
ADDITIONAL WORK STATION:			
High-speed links to the operator console on DICOM network.			
System architecture and operating system must be based on latest Dual Xeon processor or Bit RISC	OK		OK
Should have a Hi-resolution LCDITFT screen 19 inch or more.			
CDI DVD writer.			
SOFTWARE :			
Full color volume rendering 3D at console /work station.			
True isotropic volume acquisition at console.			
CT Angiography at workstation			
Vascular analysis at workstation.			
3D surface rendering at both console and workstation			
Curved planer reformation at console.			
Contrast media based synchronizing software at console.			
Virtual endoscopy / colonoscopy/ bronchoscopy at workstation.			
Pediatric scanning package			
Console and 3 X workstation for Radiologist for reviewing and reporting with diagnostic tool.			
DICOM 3 Capability:			
DICOM 3 Capability for Send, Receive, Archive, query, Retrieve and Print			
QUALITY AND SAFETY STANDARDS:			
FDA 510K approval	OK	OK	OK
POWER REQUIREMENT:			
Three phase with line voltage of 220 V, 50Hz.	OK	OK	OK
ACCESSORIES:			
DICOM compatible Dry Laser Thermal camera, multi size upto 14" x 17" equivalent to Carestream/ Agfa/ Fuji/Konica			
On line sine wave UPS for whole system with a minimum back up of 10 minutes on full load.			
Protection device (Lead aprons 02 with hangers)			
Lead glass for control room			
Single head programmable Contrast injector			
TRAINING :			
One week duration of locally available application specialist mandatory for technologist training.			
WARRANTY:			
Warranty 3 years with all parts/ labor (excluding C.T Scan tube)			
COUNTRY OF MANUFACTURER:			
USA, EU, Japan	OK	OK	OK

  
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 Medical Sciences  
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**Prof. Dr. Muneer Ahmed Junejo,**  
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 Chairman

Final Status of Qualification of the Quoted Equipment:	Qualified	Qualified	Qualified
Remarks / Reasons of Disqualification:	N-A	N-A	N-A

### Summary and Recommendation of Technical Evaluation:

#### SUMMARY:

In this Item No. 2 (CT Scan 16 Slice ) Three (03) Bidders participated and all three are fully qualified.

1. **M/s Allmed Solutions** : M/s Allmed Solutions found fully Qualified in Administrative Preliminary Scrutiny and Technical Evaluation of Quoted Item.
2. **M/s DWP Technologies** : M/s DWP Technologies found fully Qualified in Administrative Preliminary Scrutiny and Technical Evaluation of Quoted Item.
3. **M/s Mediequips S.M.C** : M/s DWP Technologies found fully Qualified in Administrative Preliminary Scrutiny and Technical Evaluation of Quoted Items.

#### RECOMMENDATION:

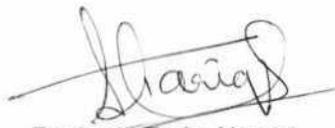
Financial Bids of M/S Allmed Solutions, M/s DWP Technologies and M/s Mediequips may be opened and whoever is lowest in prices is recommended for the Award of Contract for the above Item No. 2 (CT Scan), subject to fulfillment of other codal formalities of the contract and if meet the targeted Budget of this Item.

**Note:** Before Financial evaluation of Bid of M/s DWP Technologies cost of following items should be taken separately as mentioned in their technical proposal that prices of same is not included.

- a) Price of custom clearance.
- b) Local Transportation.
- c) LC opening charges/fees.



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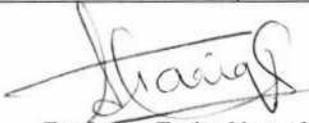
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Chairman

## TECHNICAL EVALUATION

### Category - A (ITEM NO 3 Color Doppler)

Specification of Ultrasound Machine	Name of Participant			
	M/s Allmed Solutions	M/s Bio-Tech Services	M/s Mediequips - S.M.C	M/s Shirazi Trading (Pvt) Ltd
MAKE / BRAND:	Hitachi	Esaote	Toshiba	GE
MODEL:	Arietta 60	MyLabSix	Xario 200	Logiq P7
COUNTRY OF ORIGIN:	Japan	Netherlands	Japan	Not Mentioned
<b>IMAGING MODES</b>				
2D	OK	OK	OK	OK
M mode	OK	OK	OK	OK
<b>DOPPLER MODES</b>				
Color Doppler velocity	Not Mentioned	Not Mentioned	OK	OK
Color Doppler energy			OK	Not Mentioned
Color power Doppler			OK	OK
Directional color power Doppler			OK	OK
Directional tissue imaging DTI			OK	OK
Pulse wave PW			OK	OK
Continuous wave CW			OK	Not Mentioned
<b>SOFTWARE TECHNOLOGIES</b>				
3 D imaging option	Not Mentioned	OK	OK	Quoted Optional
4 D imaging option	Not Mentioned	OK	OK	Quoted Optional
Compounding			OK	OK
Speckle reduction			OK	OK
Tissue harmonic imaging THI			OK	OK
Auto gain / optimization			OK	OK
Trapezoid / virtual convex imaging			OK	OK
Dual imaging			OK	OK
Split screen			OK	OK
Duplex Triplex			OK	OK
Clip function			OK	OK
<b>OPERATING MODES</b>				
B mode	OK	OK	OK	OK
M mode	OK	OK	OK	OK
Anatomical M mode	OK	OK	OK	OK
Coded harmonic imaging	Not Mentioned	Not Mentioned	OK	OK
Color flow mode	OK	OK	OK	OK
Power Doppler imaging PDI	OK	Not Mentioned	OK	Not Mentioned
With directional map			OK	OK
PW Doppler with high PRF		Not Mentioned	OK	OK
M-color flow mode		OK	OK	OK
Anatomical M-color mode		OK	OK	OK

  
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 Consultant (Finance)  
 Member

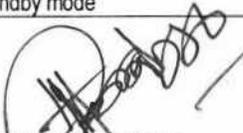
  
**Engineer Tariq Ahmed,**  
 Dow University of Medical  
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 Medical Sciences  
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**Prof. Dr. Muneer Ahmed Junejo,**  
 Pro-Vice Chancellor, (Administration)  
 Chairman

B-flow mode option Contrast imaging option		OK	OK	OK
CW Doppler mode option	OK	OK	OK	Quoted Optional
PFW mode option	OK	Not Mentioned	OK	Quoted Optional
<b>USER INTERFACE</b>				
Operator keyboard	OK	OK	OK	OK
Console design	OK	OK	OK	OK
Touch screen		OK	OK	OK
Monitor 19" - 21"	21" Color TFT	19" LCD Monitor	High Defination19" LCD Monitor	21.5" LCD Monitor
<b>STANDARD FEATURES</b>				
State of the art user interface with high resolution 6.4 inch color LCD touch panel	OK	OK	OK 8.4 inch	OK 10.4 inch
Real time triplex mode at any depth and PRF		OK	OK	OK
Automatic optimization	OK	OK	OK	OK
Flash suppression	Not Mentioned	Not Mentioned	OK	OK
Ace	Not Mentioned	Not Mentioned	OK	Not Mentioned
Coded harmonic imaging	Not Mentioned	Not Mentioned	OK	OK
Coded excitation			OK	Not Mentioned
Virtual convex			OK	OK
Anatomical M mode		OK	OK	OK
Patient information database			OK	OK
Image achieve on CD / DVD and hard drive	OK	OK	OK	OK
Easy backup	OK	OK	OK	OK
Easy 3D with 3D Calcs		OK	OK	Not Mentioned
Tru access Raw Data Processing and analysis.			OK	OK
Real time auto Doppler calculations			OK	OK
OB calcs			OK	Not Mentioned
Fetal trending			OK	OK
Multi gestational calcs			OK	OK
Hip dysplasia calcs			OK	OK
Gynecological calcs			OK	OK
Vascular calcs			OK	OK
Urological calcs			OK	OK
Cardiac calcs			OK	OK
Renal calcs			OK	OK
Insight capability			OK	OK
I Linq capability			OK	OK
On - board electronic documentation			OK	OK
Standby mode	OK	OK	OK	OK

  
**Mr. Hafiz Bux Abro,**  
 Consultant (Finance)  
 Member

  
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 & Health Sciences, Karachi  
 Member

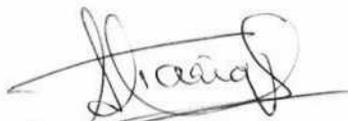
  
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 Medical Sciences  
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 Pro-Vice Chancellor, (Administration)  
 Chairman

SYSTEM OPTIONS				
Logic VIEW			Panoramic View	Quoted Optional
Advanced 3D with 3D landscape			OK	Quoted Optional
B-flow			OK	Quoted Optional
Coded contrast imaging			OK	OK
DICOM 3.0 connectivity			OK	Quoted Optional
Cross beam			OK	Quoted Optional
Report write			OK	Quoted Optional
Stress echo package	OK	OK	OK	Quoted Optional
PFW ( Pulsatile flow detection )			OK	Quoted Optional
Physio input panel for ECG, PCG, AUX			OK	Quoted Optional
ECG CABLE	OK	OK	OK	Quoted Optional
PCG microphone			OK	Quoted Optional
TV probe holder			OK	Quoted Optional
3 Pedal foot switch	OK	OK	OK	Quoted Optional
<b>HARD DRIVE</b>				
40 GB and more hard disc with over 60 GB and more imaging storage	Not Mentioned	Not Mentioned	320 GB	40 GB
<b>MEDIA AND PERIPHERALS</b>				
Integrated 3.5 inch MO drive, support 128, 230, 640 MB or 1.3 GB disc Integrated mounting kits and remote controls	Not Mentioned	Not Mentioned	OK	OK
Video and audio connections	Not Mentioned	Not Mentioned	OK	OK
<b>INPUTS AND OUTPUTS</b>				
<b>INPUTS</b>				
S video	OK	OK	OK	OK
Audio stereo in	OK	OK	OK	OK
External microphone	OK	Ok	OK	Not Mentioned

  
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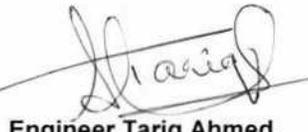
  
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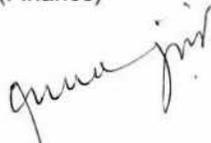
  
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 Chairman

<b>OUTPUTS</b>				
RGB	OK	OK	OK	OK
VGA	OK	OK	OK	OK
Composite color	OK	OK	OK	OK
Composite B / w	OK	OK	OK	OK
S - Video	OK	OK	OK	OK
Digital video	OK	OK	OK	OK
Audio stereo out	OK	OK	OK	OK
Connections	OK	OK	OK	OK
Remote for BW printer	OK	OK	OK	OK
Remote for color printer or camera	OK	OK	OK	OK
Foot switch	OK	OK	OK	OK
Ethernet	OK	OK	OK	OK
In site modem connection	OK	OK	Not Mentioned	OK
Power for peripherals	OK	OK	Not Mentioned	OK
<b>ELECTRICAL POWER</b>				
100-120 VAC or 220-240 VAC	OK	OK	OK	OK
<b>PROBES</b>				
Curvilinear 3.5 MHZ	Convex Probe 3.5-13.0 MHZ	Convex Probe 1-8 MHZ	Convex Probe 1.9 ~ 6.0 MHZ	Convex Probe 2.0 ~ 5.0 MHZ
Linear 10 MHZ	2.1-8.0 MHZ	Linear Probe 3-13 MHZ	Linear Probe 4.8-11.0 MHZ	Linear Probe 6.0-12.0 MHZ
Endo cavitary 90 degree radius	OK	TVS 3-9 MHZ	Endocavity 4.0-9.0 MHZ	Endocavity 3.6-10.0 MHZ
ONLINE UPS	2KVA	OK	OK	OK
WARRANTY	OK	OK	OK	OK
With parts for at least three years after commissioning of equipments.	OK	OK	OK	OK
<b>Training</b> Onsite training of radiologists and technologists for 4 weeks.	OK	Not Mentioned	OK	OK
Country of manufacturing: USA / Western Europe / Japan.	Japan	Neatherlands	Japan	Not Mentioned
<b>Final Status of Qualification of the Quoted Equipment</b>	<b>Qualified</b>	<b>Qualified</b>	<b>Qualified</b>	<b>Qualified</b>
<b>Remarks / Reasons:</b>	N-A	N-A	N-A	N-A

  
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 Medical Sciences  
 Member

  
**Prof. Dr. Muneer Ahmed Junejo,**  
 Pro-Vice Chancellor, (Administration)  
 Chairman

**SUMMARY:**

**In this Item No. 3 (Color Doppler) Four (04) Bidders participated and Four (04) is qualified.**

1. M/s Allmed Solutions : M/s Allmed Solutions found Technically Qualified.
2. M/s Bio-Tech Services : M/s Bio-Tech Services found Technically Qualified
3. M/s Mediequips S.M.C : M/s Mediequips found fully Technically Qualified.
4. M/s Shirazi Trading : M/s Shirazi Trading found Technically Qualified.

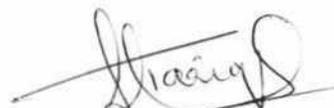
**RECOMMENDATION:**

Financial Bids of M/S Allmed Solutions, M/s Bio-Tech, M/s Mediequips and M/s Shirazi Trading may be opened and whoever is lowest in prices is recommended for the Award of Contract for the above Item No. 3 (Color Doppler), subject to fulfillment of other codal formalities of the contract and if meet the targeted Budget of this Item.

**Note:** Before Financial evaluation of Bid of M/s Shirazi Trading, cost of items should be included which are Quoted as Optional and mentioned in above Technical Evaluation Form.

Before Financial evaluation of Bid of M/s Bio-Tech, confirmation should be required about Parameters /software which are not mentioned / found in their technical proposal and mentioned in above Technical Evaluation Form.

  
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**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

**LIAQUAT UNIVERSITY OF MEDICAL & HEALTH SCIENCES, JAMSHORO**  
**Technical Evaluation Report**

**200 KVA Diesel Generator Set for Diagnostic & Research Laboratory LUMHS, Jamshoro.**

No.	Required	Maximum Point	Orient Energy system (Pvt.) Ltd.		Allied Engineering & Services (Pvt.) Ltd.		Al - Barkah Enterprises	
			Points Obtained	200 kVA Prime / 220 KVA Standby	Points Obtained	200 kVA Prime / 220 KVA Standby	Points Obtained	200 kVA Prime / 220 KVA Standby
1	KVA Rating	10	10	200 kVA Prime / 220 KVA Standby	10	200 kVA Prime / 220 KVA Standby	10	200 kVA Prime / 220 KVA Standby
2	Country of origin	10	9	Brazil	9	UK / Turkey	9	UK
3	Engine	10	10	Cummins 6CTAA 8.3 G1	8	Parkins 1107A 70 TAG4	8	Parkins 1107A 70 TAG4
4	Alternator	10	10	Stamford Brazil	10	Loroy Somer UK	10	Stamford UK
5	AMF	10	10	Cummins Power Barzil	8	Power Wizard	8	Deo Sea
6	Governor Type	10	9	Mechanical	8	Electronic	8	Electronic
7	Supply of Battery Charger	10	6	Local	6	Local	6	Local
8	Fuel Consumption	10	8	100% 45 Ltr. 50% 24 Ltr.	7	100% 49.50 Ltr. 50% 25.70 Ltr.	7	100% 49 Ltr. 50% 27 Ltr.
9	Engine Design	10	8	Water Cool Radiator 50 C	8	Water Cool Radiator 50 C	8	Water Cool Radiator 50 C
10	After Sale Services	10	8	12 Months / 8000 Hrs.	7	12 Months	7	12 Months
		<b>100</b>	<b>88</b>		<b>81</b>		<b>77</b>	

1. Cut off level 68 Points

  
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 Dean Faculty of Basic Medical Sciences  
 Member

  
**Engr. Tariq Ahmed**  
 Dow University of Medical & Health Science  
 Karachi  
 Member

  
**Prof. Dr. Muneeb Ahmed Juncejo**  
 Pro-Vice Chancellor (Administration)  
 Chairman

  
**Prof. Dr. Ghulam Qadir Buledi**  
 Visiting Prof. Department of Radiology  
 Member

## BID EVALUATION CRITERIA

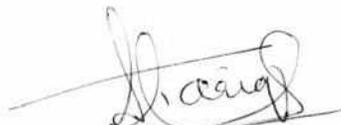
Contractors, firms, Distributors, Suppliers must have possess eligibility criteria as mentioned below without declaration of black listing by relevant council (enclose valid/renewal registration certificate)

Name of Bidder :

**M/S ORIENT ENERGY SYSTEMS (Pvt.) Ltd. KARACHI  
BIDDER, ELIGIBILITY/QUALIFICATION REPORT**

SNO	ELIGIBILITY/QUALIFICATION CRITERIA	Total marks	Firm Secure marks	Remarks
1	Company Registration certificate	5	05	
2	NTN Certificate	5	05	
3	General Sales tax Registration certificate	5	05	
4	Registration certificate of PEC (if applicable or other certificate)	5	05	
5	Company Profile containing introduction, date of establishment (national/ international level)Details of supplies to various institutions/ labs in Pakistan / International level including number of supplied equipment	20	18	Completion certificate are not provided
6	Current status of company as compare to other companies in Pakistan / internationally	5	05	
7	Professional experience of technical staff as per required /relevant education regarding installation/ repairing/ service of instrument /equipment	20	18	
8	Current Financial position (Bank statement and audit reports)	5	05	
9	Availability of service centers	5	05	
10	Provincial level (Sindh)	5	05	
11	National Level	5	05	
12	Certificate of Authorized manufacturer/ distributor etc	15	15	
	<b>Total marks</b>	<b>100</b>	<b>96 Marks</b>	<b>Eligible</b>
<b>The Firm is eligible on the basis of following reasons:</b> 1. The firm/contractor respond to all questions & complete information as advised in prescribed format which is also available in tender (Annexure Attached) 2. <b>The Firm is eligible on the basis of information/documents provided &amp; obtained more than the minimum qualifying score of 60% (96 Marks).</b>				

  
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Pro-Vice Chancellor, (Administration)  
Chairman

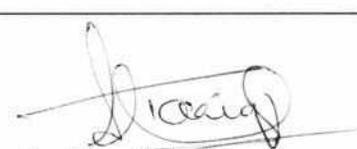
## BID EVALUATION CRITERIA

Contractors, firms, Distributors, Suppliers must have possess eligibility criteria as mentioned Below without declaration of black listing by relevant council (enclose valid/renewal registration certificate)

**Name of Bidder :** **M/S ALLIED ENGINEERING & SERVICES (Pvt.) Ltd. KARACHI.**  
**BIDDER, ELIGIBILITY/QUALIFICATION REPORT**

SNO	ELIGIBILITY/QUALIFICATION CRITERIA	Total marks	Firm Secure marks	Remarks
1	Company Registration certificate	5	05	
2	NTN Certificate	5	05	
3	General Sales tax Registration certificate	5	05	
4	Registration certificate of PEC (if applicable or other certificate)	5	05	
5	Company Profile containing introduction, date of establishment (national/ international level)Details of supplies to various institutions/ labs in Pakistan / International level including number of supplied equipment	20	10	
6	Current status of company as compare to other companies in Pakistan / internationally	5	05	
7	Professional experience of technical staff as per required /relevant education regarding installation/ repairing/ service of instrument /equipment	20	0	Details are not provided
8	Current Financial position (Bank statement and audit reports)	5	0	Bank Statement not attached
9	Availability of service centers	5	0	Not available at Hyderabad
10	Provincial level (Sindh)	5	05	
11	National Level	5	05	
12	Certificate of Authorized manufacturer/ distributor etc	15	15	
	<b>Total marks</b>	<b>100</b>	<b>60</b> <b>Marks</b>	<b>Eligible</b>
<b>The Firm is eligible on the basis of following reasons:</b> <b>1. The firm/contractor did not respond to all questions &amp; complete information as advised in prescribed format which is also available in tender (Annexure Attached)</b> <b>2. The Firm is eligible on the basis of information/documents provided &amp; obtained the minimum qualifying score of 60%.</b>				

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

  
**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

  
**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

## BID EVALUATION CRITERIA

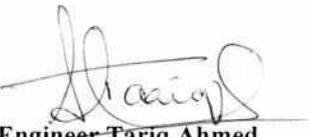
Contractors, firms, Distributors, Suppliers must have possess eligibility criteria as mentioned Below without declaration of black listing by relevant council (enclose valid/renewal registration certificate)

Name of Bidder :

**M/S AL-BARKAH ENTERPRISES  
BIDDER, ELIGIBILITY/QUALIFICATION REPORT**

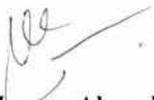
SNO	ELIGIBILITY/QUALIFICATION CRITERIA	Total marks	Firm Secure marks	Remarks
1	Company Registration certificate	5	0	Not registered
2	NTN Certificate	5	05	
3	General Sales tax Registration certificate	5	05	
4	Registration certificate of PEC (if applicable or other certificate)	5	0	Not registered with PEC
5	Company Profile containing introduction, date of establishment (national/ international level) Details of supplies to various institutions/ labs in Pakistan / International level including number of supplied equipment	20	0	Details are not provided
6	Current status of company as compare to other companies in Pakistan / internationally	5	0	Details are not provided
7	Professional experience of technical staff as per required /relevant education regarding installation/ repairing/ service of instrument /equipment	20	0	Details are not provided
8	Current Financial position (Bank statement and audit reports)	5	0	Bank Statement not attached
9	Availability of service centers	5	0	Not available in Hyderabad
10	Provincial level (Sindh)	5	5	
11	National Level	5	0	
12	Certificate of Authorized manufacturer/ distributor etc	15	0	Details are not provided
	<b>Total marks</b>	<b>100</b>	<b>15</b>	<b>Not Eligible</b>
<b>The Firm is not eligible on the basis of following reasons:</b> <ol style="list-style-type: none"><li>1. The firm/contractor did not respond to all questions &amp; complete information as advised in prescribed format which is also available in tender (Annexure Attached).</li><li>2. The Tender document did not signed by authorized persons/Supplier.</li><li>3. The Firm did not provide bank statement/ audit reports</li><li>4. The firm is not registered with Sindh revenue board</li><li>5. The firm has not provided completion certificate from contract awarding agencies.</li><li>6. The Tender document did not signed by authorized persons/Supplier.</li><li>7. <b>The Firm is not eligible on the basis of information/documents provided &amp; obtained more than the minimum qualifying score of 60%</b></li></ol>				

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

  
**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

  
**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

Tender Opened On: 11<sup>th</sup> August, 2016.  
Tender No. LUMHS/D&L LAB/ACCOUNTS/96/16.



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Tele: # + Ph: 022-9213311, 022-9213377

### TECHNICAL EVALUATION REPORT

Reference: **REGARDING TENDER FOR CATEGORY A. PURCHASE AND SUPPLY OF DIAGNOSTIC EQUIPMENT FOR ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTRE AT LUMHS, JAMSHORO.**

As per Committee following firms / dealers have qualified for financial opening

1	2	3	4	5
M/S Shirazi Trading Company	M/S Medi Equips	M/S Allmed Solution	M/S Bio-Tech Services	M/s DWP Technologies

As per Committee following firms/dealers have been disqualified for financial opening

1
M/S Ontech Corporation

*[Signature]*  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

*[Signature]*  
**Engineer Tariq Ahmed,**  
Dow University of Medical & Health  
Sciences, Karachi  
Member

*[Signature]*  
**Prof. Dr. Chulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

*[Signature]*  
**Prof. Dr. Ikrumuddin Ujian,**  
Dean, Faculty of Basic Medical Sciences,  
Member

*[Signature]*  
**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

Tender Opened On: 11<sup>th</sup> August, 2016,  
Tender No. LUMHS/D&L LAB/ACCOUNTS/96/16,



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Tele: # + Ph: 022-9213311, 022-9213377

**TECHNICAL EVALUATION REPORT**

**Reference: REGARDING TENDER FOR CATEGORY B. PURCHASE AND SUPPLY OF 200 KV GENERATOR SET FOR ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTRE AT LUMHS, JAMSHORO.**

**As per Committee following firms / dealers have qualified for financial opening**

1	2
M/S Orient Energy Systems	M/S Allied Engineering Services

**As per Committee following firms/dealers have been disqualified for financial opening**

1
M/S AL Barkha Enterprises

**Mr. Hadi Bak Abro,**  
Consultant (Finance)  
Member

**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic Medical Sciences,  
Member

**Engineer Tariq Ahmed,**  
Dow University of Medical & Health  
Sciences, Karachi  
Member

**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member



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### MINUTES OF THE MEETING REGARDING TENDER "SUPPLY OF DIAGNOSTIC EQUIPMENTS FOR ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTER OF LUMHS, JAMSHORO."

The meeting was held on 02-09-2016 in the office of Vice Chancellor LUMHS Jamshoro. Chaired by Chairman Purchase Committee Prof. Muneer Ahmed Junejo (Pro Vice Chancellor) Admin LUMHS Jamshoro.

The following committee members attended the meeting.

1. Prof. Dr. Ghulam Qadir Buledi
2. Prof. Ikram ud din Ujjan
3. Hadi Bux Abro (Finance Consultant DRL)
4. Engr. Tariq Ahmed (Deputy Director DUHS)

After recitation of Holy Quran the following points were discussed and finalized as under.

1. **0.25T Hittachi MRI**

M/s Allmed Solutions Sole distributor of Hittachi Japan in Pakistan Quoted the lowest Price for permanent magnet open MRI 0.25T which meets the tender requirement and the committee is satisfied for their proposal. Hence Committee recommended for award of the contract.

2. **16 Slices CT Scanner**

M/s Medequips Sole distributor of Toshiba Japan in Pakistan Quoted the lowest Price for 16 Slice CT Scanner which meets the tender requirement and the committee is satisfied for their proposal. Hence Committee recommended for award of the contract.

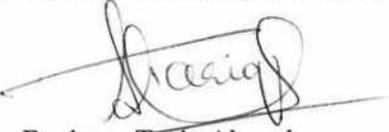
3. **Color Doppler Ultrasound**

M/s Biotech Services Sole distributor of HONDA Japan in Pakistan Quoted the lowest Price for Doppler Ultrasound (Model: Mylab six) make Netherlands which meets the tender requirement but the committee is not satisfied according to SPPRA rule no. 49 (AWARD OF CONTRACT) which says the "**Bidder with the lowest evaluated cost, but not necessarily the lowest submitted price, shall be awarded the procurement contract, within the original or extended period of bid validity**". Hence the committee members are of the opinion that the second lowest quoted by M/s Mediquips (Model Xario 200) Toshiba Japan meet the SPPRA Rule no. 49 which is mentioned above.

- One of Technical member visited the workshop of M/s Biotech and M/s Mediquips to assist the availability of the necessary technical instruments and staff.  
It was reported that the workshop of M/s Biotech was unsatisfactory as far as the technical instruments and staff is concerned while that of M/s Mediquips was well maintained with all the require instruments for calibration and repair of Medical equipments along with qualified staff.
- The after sales services are satisfactory
- The Image quality of the machine is superior to Mylab six.
- Xario200 has HDD of 500GB while, Mylab Six has 250 GB HDD.
- The scanning depth of Xario 200 is 40 cm while that of Mylab Six is 36 cm.
- The System Dynamic range of Xario 200 is 260 DB and that of Mylab Six is 200DB.
- It was required in the tender inquiry the equipment should have Tissue harmonic imaging which Xario 200 has and MylabSix has no Tissue Harmonic Imaging option.
- The frame rate in color( Xario200) is 367 FPS while in MyLab Six has 180 FPS.
- The Monitor resolution of Xario200 is 1280x1024 Pixels while that of Mylab Six is 1280x768.
- The Tissue Doppler Imaging in Xario 200 is an standard feature while in Mylab Six it is label as an optional feature.
- Keeping in view the above points which were discussed in detail among the committee members. It was decided to purchase cost effective equipment for the Public Sector University rather than going for cheaper equipment which is not cost effective.  
The committee members were of the unanimous opinion that purchase order should be issued to M/s Mediquips for Purchase of Xario200 Doppler Ultrasound Machine

**Submitted to the Vice Chancellor / Chairman Syndicate for approval.**

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

  
**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

  
**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman

  
**Prof. Dr. Noshad Ahmed Shaikh**  
/ Chairman Syndicate  
Vice Chancellor



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### MINUTES OF MEETING

#### MINUTES OF THE MEETING REGARDING TECHNICAL TENDER OPENING FOR CATEGORY (A) PURCHASE & SUPPLY OF DIAGNOSTIC EQUIPMENT, & CATEGORY (B) PURCHASE & SUPPLY OF 200 KV GENERATOR SET FOR ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTER OF LUMHS, JAMSHORO.

The meeting of Technical Tender Opening regarding tender for Category (A) purchase & supply of Diagnostic Equipment was held at 12:30 noon, and for Category (B) purchase & supply of 200 KV Generator Set for "Establishment of Advance Diagnostic Center of LUMHS" Jamshoro was held at 1:30pm on Thursday, 11<sup>th</sup> August, 2016 in the office of the Chief Accountant Directorate of Finance Wing, LUMHS, Jamshoro under the Chairmanship of Prof. Muneer Ahmed Junejo, Pro-Vice Chancellor (Administration) & Chairman "Establishment of Advance Diagnostic Center of LUMHS" Jamshoro.

#### Following Members attended the meeting:-

- |  |                        |
|--|------------------------|
| 1) <b>Prof. Dr. Ikramuddin Ujjan</b><br>Dean, Faculty of Basic Medical Sciences            | <b>Member</b>          |
| 2) <b>Prof. Ghulam Qadir Buledi</b><br>Visiting Prof. Department of Radiology              | <b>Member</b>          |
| 3) <b>Mr. Hadi Bux Abro</b><br>Consultant (Finance)  | <b>Member</b>          |
| 4) <b>Engineer Tariq Ahmed</b><br>Dow University of Medical &<br>Health Sciences, Karachi. | <b>External Member</b> |

The meeting started with the name of Allah. The following firms participated in this tender. The bidding procedure was single stage two envelope.

#### Category A:-

- |                                |                           |
|--------------------------------|---------------------------|
| 1) M/s Shirazi Trading Company | 2) M/s Medi Equips        |
| 3) M/s Allmed Solution         | 4) M/s Bio-Tech Services  |
| 5) M/s DWP Technologies        | 6) M/s Ontech Corporation |

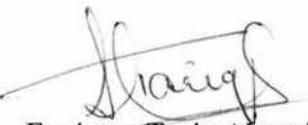
#### Category B:-

- |                              |                                    |
|------------------------------|------------------------------------|
| 1) M/s Orient Energy Systems | 2) M/s Allied Engineering Services |
| 3) M/s AL Barkha Enterprises |                                    |

The Technical proposals were opened and the technical Tender Documents handed over to Technical Members of this committee for Technical Evaluation Report for further process.

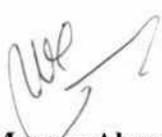
In the end of this meeting chairman committee thanked to all members for attending the meeting.

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

  
**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

  
**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman



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### MINUTES OF MEETING FOR EVALUATION OF TECHNICAL TENDER DOCUMENTS

#### MINUTES OF THE MEETING REGARDING EVALUATION OF TECHNICAL TENDER DOCUMENTS FOR CATEGORY (A) PURCHASE & SUPPLY OF DIAGNOSTIC EQUIPMENT, & CATEGORY (B) PURCHASE & SUPPLY OF 200 KV GENERATOR SET FOR ESTABLISHMENT OF ADVANCE DIAGNOSTIC CENTER OF LUMHS, JAMSHORO.

The Meeting of Technical Evaluation bids regarding tender for Category (A) purchase & supply of Diagnostic Equipment for Category (B) purchase & supply of 200 KV Generator Set for "Establishment of Advance Diagnostic Center of LUMHS" Jamshoro was held on Tuesday 16<sup>th</sup> August 2016 at 10:00am in the office of the Chief Accountant Directorate of Finance Wing, LUMHS, Jamshoro under the Chairmanship of Prof. Muneer Ahmed Junejo, Pro-Vice Chancellor (Administration) & Chairman "Establishment of Advance Diagnostic Center of LUMHS" Jamshoro.

#### Following Members attended the meeting:-

- |  |                        |
|--|------------------------|
| 1) <b>Prof. Dr. Ikramuddin Ujjan</b><br>Dean, Faculty of Basic Medical Sciences            | <b>Member</b>          |
| 2) <b>Prof. Ghulam Qadir Buledi</b><br>Visiting Prof. Department of Radiology              | <b>Member</b>          |
| 3) <b>Mr. Hadi Bux Abro</b><br>Consultant (Finance)  | <b>Member</b>          |
| 4) <b>Engineer Tariq Ahmed</b><br>Dow University of Medical &<br>Health Sciences, Karachi. | <b>External Member</b> |

The meeting started with the name of Almighty Allah, subsequently the Technical Documents of participated firms were thoroughly examined & evaluated as per evaluation criteria, subsequently the technical evaluation report for Category (A) purchase & supply of Diagnostic Equipment for Category (B) purchase & supply of 200 KV Generator Set for "Establishment of Advance Diagnostic Center of LUMHS" Jamshoro was prepared.

The following firms qualified in this tender, the bidding procedure was single stage two envelope.

#### Category A:-

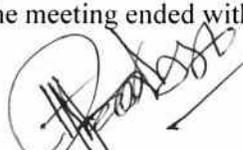
- |                                |                          |
|--------------------------------|--------------------------|
| 1) M/s Shirazi Trading Company | 2) M/s Medi Equips       |
| 3) M/s Allmed Solution         | 4) M/s Bio-Tech Services |
| 5) M/s DWP Technologies        |                          |

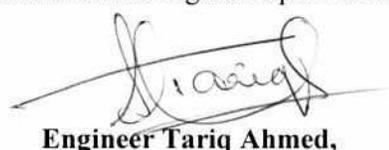
#### Category B:-

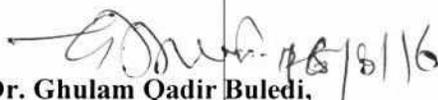
- |                              |                                    |
|------------------------------|------------------------------------|
| 1) M/s Orient Energy Systems | 2) M/s Allied Engineering Services |
|------------------------------|------------------------------------|

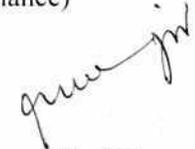
Unanimously it was decided that the financial tender opening will be held on 25<sup>th</sup> August 2016 at Office of the Chief Accountant Directorate of Finance Wing, LUMHS Jamshoro for further process.

The meeting ended with the vote of thanks and good hopes from Almighty Allah.

  
**Mr. Hadi Bux Abro,**  
Consultant (Finance)  
Member

  
**Engineer Tariq Ahmed,**  
Dow University of Medical  
& Health Sciences, Karachi  
Member

  
**Prof. Dr. Ghulam Qadir Buledi,**  
Visiting Prof. Department of Radiology  
Member

  
**Prof. Dr. Ikramuddin Ujjan,**  
Dean, Faculty of Basic,  
Medical Sciences  
Member

  
**Prof. Dr. Muneer Ahmed Junejo,**  
Pro-Vice Chancellor, (Administration)  
Chairman



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**ATTENDANCE SHEET FOR MEMBERS**

The Technical Meeting of Tender Opening for Category-B “Purchase & Supply of 200KV Generator Set” for “Establishment of Advance Diagnostic Center of LUMHS” on 11<sup>th</sup> August 2016 01:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Member	Designation	Signature
01	<b>Prof. Dr. Muneer Ahmed Junejo</b> Pro Vice Chancellor (Administration)	Chairman	
02	<b>Prof. Dr. Ikramuddin Ujjan</b> Dean, Faculty of Basic Medical Sciences	Member	
03	<b>Prof. Ghulam Qadir Buledi</b> Visiting Prof. Department of Radiology	Member	
04	<b>Mr. Hadi Bux Abro</b> Consultant (Finance)	Member	
05	<b>Engineer Tariq Ahmed</b> Dow University of Medical & Health Sciences, Karachi.	External Member	



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### ATTENDANCE SHEET FOR BIDDERS

The Technical Meeting of Tender Opening for Category-B "Purchase & Supply of 200KV Generator Set" for "Establishment of Advance Diagnostic Center of LUMHS" on 11<sup>th</sup> August 2016 01:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Firm	Cell #	Signature
01	Orient Energy Systems Pvt. Ltd.	0345-8229315	
02	Al Basrah Subcontractors	0334-4140919	
03	M/s Allied Engineering &		
04	Services		
05			
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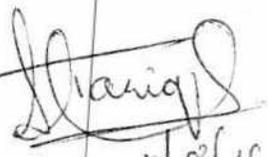
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### ATTENDANCE SHEET FOR MEMBERS

The Technical Meeting of Tender Opening for Category-A "Purchase & Supply of Diagnostic Equipment" for "Establishment of Advance Diagnostic Center of LUMHS" on 11<sup>th</sup> August 2016 12:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Member	Designation	Signature
01	<b>Prof. Dr. Muneer Ahmed Junejo</b> Pro Vice Chancellor (Administration)	Chairman	
02	<b>Prof. Dr. Ikramuddin Ujjan</b> Dean, Faculty of Basic Medical Sciences	Member	
03	<b>Prof. Ghulam Qadir Buledi</b> Visiting Prof. Department of Radiology	Member	 11/8/16
04	<b>Mr. Hadi Bux Abro</b> Consultant (Finance)	Member	 11/8/16
05	<b>Engineer Tariq Ahmed</b> Dow University of Medical & Health Sciences, Karachi.	External Member	 11/8/16



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Tele: # + Ph: 022-9213311, 022-9213377

**ATTENDANCE SHEET FOR BIDDERS**

The Technical Meeting of Tender Opening for Category-A "Purchase & Supply of Diagnostic Equipment" for "Establishment of Advance Diagnostic Center of LUMHS" on 11<sup>th</sup> August 2016 12:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Firm	Cell #	Signature
01	M/S Mlech Corporation	0332-3569037	
02	M/S Shirazi Trading Co,	Fishan 03353276442	
03	M/S Medequips SMC	03333899841	
04	M/S Allmed Solution	0345-2376601	UZAIR IODAN
05	M/S Bio Tech Services	Engr. Rashid Ali 03008414874	
06	M/S DWP Technologia LTD.	Engr. M. Ali Pirzada 0312-2038616	
07	<del>M/S DNTECH CORPORATION</del>	<del>0332-3569037</del>	
08			
09			
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12			
13			
14			
15			



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**ATTENDANCE SHEET FOR MEMBERS**

The Financial Meeting of Tender Opening for Category-B “Purchase & Supply of 200KV Generator Set” for “Establishment of Advance Diagnostic Center of LUMHS” on 25<sup>th</sup> August 2016 at 01:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Member	Designation	Signature
01	<b>Prof. Dr. Muneer Ahmed Junejo</b> Pro Vice Chancellor (Administration)	Chairman	
02	<b>Prof. Dr. Ikramuddin Ujjan</b> Dean, Faculty of Basic Medical Sciences	Member	
03	<b>Prof. Ghulam Qadir Buledi</b> Visiting Prof. Department of Radiology	Member	
04	<b>Mr. Hadi Bux Abro</b> Consultant (Finance)	Member	
05	<b>Engineer Tariq Ahmed</b> Dow University of Medical & Health Sciences, Karachi.	External Member	



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Tele: # + Ph: 022-9213311, 022-9213377

**ATTENDANCE SHEET FOR BIDDERS**

The Financial Meeting of Tender Opening for Category-B “Purchase & Supply of 200KV Generator Set” for “Establishment of Advance Diagnostic Center of LUMHS” on 25<sup>th</sup> August 2016 at 01:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Firm	Signature
01	M/s Orient Energy Systems (Pvt.) Ltd. Karachi	
02	M/s Allied Engineering & services (Pvt.) Ltd, Karachi	



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Tele: # + Ph: 022-9213311, 022-9213377

**ATTENDANCE SHEET FOR MEMBERS**

The Financial Meeting of Tender Opening for Category-A “Purchase & Supply of Diagnostic Equipment” for “Establishment of Advance Diagnostic Center of LUMHS” on 25<sup>th</sup> August 2016 at 12:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Member	Designation	Signature
01	<b>Prof. Dr. Muneer Ahmed Junejo</b> Pro Vice Chancellor (Administration)	Chairman	
02	<b>Prof. Dr. Ikramuddin Ujjan</b> Dean, Faculty of Basic Medical Sciences	Member	
03	<b>Prof. Ghulam Qadir Buledi</b> Visiting Prof. Department of Radiology	Member	
04	<b>Mr. Hadi Bux Abro</b> Consultant (Finance)	Member	
05	<b>Engineer Tariq Ahmed</b> Dow University of Medical & Health Sciences, Karachi.	External Member	



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**ATTENDANCE SHEET FOR BIDDERS**

The Financial Meeting of Tender Opening for Category-A "Purchase & Supply of Diagnostic Equipment" for "Establishment of Advance Diagnostic Center of LUMHS" on 25<sup>th</sup> August 2016 at 12:30 pm in the Office of the Chief Accountant, Directorate of Finance Wing LUMHS, Jamshoro.

S#	Name of Firm	Signature
01	M/s Shirazi Trading Co. (Pvt.) Ltd., Karachi	0335 3276442 03009206123 [Signature]
02	M/s Medequips, S.M.C, Karachi	[Signature] 0333 3899841
03	M/s Almed Solutions, Karachi	[Signature] 0332-3569057
04	M/s Bio-Tech Services, Karachi	[Signature] Kojani 0300-8261992
05	M/s DWP Technologies (Pvt.) Ltd. Karachi	[Signature]