



UNIVERSITY OF SINDH, JAMSHORO
OFFICE OF THE DIRECTOR PROCUREMENT



No.DPI/ 2179

Dated: 10-8-16

To,
Mr. Muhammad Ayub Ali Khan
Deputy Director (A&F),
Sindh Public Procurement Regulatory Authority
Block-8, Sindh Secretariat No. 4-A,
Court Road, Karachi

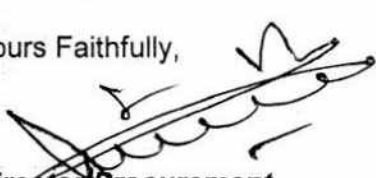
Subject: Replace Bid Evaluation Report of Tender for Up-gradation and Extension of Internet Campus Wide Network and its Extension SPPRA BER Serial # 8784, dated 13.7.2016 and report ID # is 1730/2016

Dear Sir,

Please refer to BER S.# 8784, dated 13.7.2016 and report ID # 1730/2016, I am to inform you that there is typing mistake in BER of Tender for Up-gradation and Extension of Internet Campus Wide Network and its Extension University of Sindh. You are requested to replace the same and new BER duly signed by the PC is attached for your perusal.

Your cooperation in this respect will be highly appreciated.

Yours Faithfully,


**Director Procurement
University of Sindh
Jamshoro.**

Regards,

C.c: The Convenor, Procurement Committee, University of Sindh
The Director Finance, University of Sindh
The Registrar, University of Sindh
The Director, Institute of Information and Communication Technology,
University of Sindh
The Secretary to Vice Chancellor, University of Sindh

SPFRA INWARD DIARY

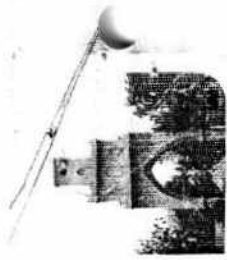
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DATED: 11-08-16



UNIVERSITY OF SINDH, JAMSHORO

OFFICE OF THE PURCHASE & STORES OFFICER



Bid Evaluation Report for Procurement of

UP-GRADATION AND EXTENSION OF INTERNET CAMPUS WIDE NETWORK AND EXTENSION, UNIVERSITY OF SINDH

Tender Held on 28th April 2016

1. Name of Procuring Agency: University of Sindh, Jamshoro
2. Tender Reference No: PID (H) 97021/16
3. Tender Description/Name of work/item: UP-GRADATION AND EXTENSION OF INTERNET CAMPUS WIDE NETWORK AND EXTENSION
4. Method of Procurement: Inviting Tender
5. Tender Published: SPPRA ID No.26845, Dawn News 09-04-2016, Jung 07-04-2016 and Ibrat News 07-04-2016
6. Total Bid documents Sold: (A) 12 (Twelve) (B) 05 (Five)
7. Total Bids Received: (A) 03 (Three) (B) 04 (Four)
8. Technical Bid Opening date: (if applicable): 28-04-2016
9. No. of Bid technically qualified (if applicable): (A) 03 (Three) (B) 01 (One)
10. Bid(s) Rejected: (A) Nil (B) 03 (Three)
11. Financial Bid Opening date: 12th May 2016

Prof. Dr. Khalil-u-Raman Khoumbati
Convenor / Professor IICT

Prof. Dr. Akhtar Hussain Mughal
Member & Director Institute of Physics

Dr. Lachman Das Dhomeja
Member & /Director, IICT
University of Sindh

Dr. Afiana Mallah
Member /Prof. Institute of
Chemistry

Shazia Abbasi
Member / Asst. Prof. IICT

Azharuddin Shaikh
Deputy Director Purchase & Stores Cell
L.U.M.H.S Jamshoro

Mr. Azar Akbar
I.T Incharge
L.U.M.H.S, Jamshoro

Muhammad Asad Arain
Manager Network, ICPC
M.U.E.T, Jamshoro

Muhammad Hashoque Siddiqui
Director Procurement

12. 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 |
| A | (NETWORK ACTIVE & PASSIVE EQUIPMENT INFRA STRUCTURE) | | | | | |
| 1 | M/s Commtel Karachi | 67,176,099/= | 1 st | | Accepted on turnkey basis | Rate Wise Comparative Statement attached |
| 2. | M/s Wateen Solution Pvt. Karachi | 69,987,307/= | 2 nd | | Not Accept | |
| 3. | M/s Silicon Technologies Karachi | 85,915,000/= | 3 rd | | Not Accept | |
| B | (DATA CENTER & POWER WORK) | | | | | |
| 1 | M/s Silicon Technologies Karachi | 119,23,200.00 | 1 st | | Accepted | Rate Wise Comparative Statement attached |

Remarks / Recommendations of Purchase Committee:

- The Committee has recommended to award of contract (A) M/s Commtel Karachi. (B) M/s Silicon Technologies Karachi

Prof. Dr. Khalil-u-Raman Khoumbati
Convenor / Professor IICT

Prof. Dr. Akhtar Hussain Mughal
Member & Director Institute of Physics

Dr. Lachman Das Dhomeja
Member & Director, IICT
University of Sindh

Dr. Shazia Mallah
Member / Prof. Institute of Chemistry

Shazia Abbasi
Member / Asst. Prof. IICT

Azharuddin Shaikh
Deputy Director Purchase & Stores Cell
L.U.M.H.S Jamshoro

Mr. Azar Akbar
I.T Incharge
L.U.M.H.S, Jamshoro

Muhammad Asad Arain
Manager Network, ICPC
M.U.E.T, Jamshoro

Muhammad Mashooque Siddiqui
Director Procurement



UNIVERSITY OF SINDH, JAMSHORO

OFFICE OF THE PURCHASE & STORES OFFICER

UP-GRADATION AND EXTENSION OF INTERNET CAMPUS WIDE NETWORK AND EXTENSION, UNIVERSITY OF SINDH

Tender Held on 28th April 2016

1. Name of Procuring Agency: University of Sindh, Jamshoro
2. Tender Reference No: PID (H) 97021/16
3. Tender Description/Name of work/item: UP-GRADATION AND EXTENSION OF INTERNET CAMPUS WIDE NETWORK AND EXTENSION
4. Method of Procurement: Inviting Tender
5. Tender Published: SPPRA ID No.26845, Dawn News 09-04-2016, Jung 07-04-2016 and Ibrat News 07-04-2016
6. Total Bid documents Sold: (A) 12 (Twelve) (B) 05 (Five)
7. Total Bids Received: (A) 03 (Three) (B) 04 (Four)
8. Technical Bid Opening date: (if applicable): 28-04-2016
9. No. of Bid technically qualified (if applicable): (A) 03 (Three) (B) 01 (One)
10. Bid(s) Rejected: (A) Nil (B) 03 (Three)
11. Financial Bid Opening date: 12th May 2016

(Signature)

Prof. Dr. Khalil-u-Raman Khoubati
Convenor / Professor IICT

(Signature)

Prof. Dr. Akhtar Hussain Mughal
Member & Director Institute of Physics

(Signature)

Dr. Lachman Das Dhomeja
Member & /Director, IICT
University of Sindh

(Signature)

Dr. Arfaa Mallah
Member /Prof. Institute of
Chemistry

(Signature)

Shazia Abbasi
Member / Asst. Prof. IICT

(Signature)

Azharuddin Shaikh
Deputy Director Purchase & Stores Cell
L.U.M.H.S Jamshoro

(Signature)

Mr. Azar Akbar
I.T Incharge
L.U.M.H.S, Jamshoro

(Signature)

Muhammad Asad Arain
Manager Network, ICPC
M.U.E.T, Jamshoro

(Signature)

Muhammad mashooque Siddiqui
Director Procurement

12. 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 |
| A | (NETWORK ACTIVE & PASSIVE EQUIPMENT INFRA STRUCTURE) | | | | | |
| 1 | M/s Commтел Karachi | 23,178,697/= | 1 st | | Accept on turnkey basis | Rate Wise Comparative Statement attached |
| 2. | M/s Wateen Solution Pvt. Karachi | 23,851,414/= | 2 nd | | Not Accept | |
| 3. | M/s Silicon Technologies Karachi | 30,050,000/= | 3 rd | | Note Accept | |
| B | (DATA CENTER & POWER WORK) | | | | | |
| 1 | M/s Silicon Technologies Karachi | 119,23,200.00 | 1 st | | Accept | Rate Wise Comparative Statement attached |

Remarks / Recommendations of Purchase Committee:

- The Committee has recommended to award of contract (A) M/s Commтел Karachi. (B) M/s Silicon Technologies Karachi



Prof. Dr. Khalil-u-Raman Khoubati
Convenor / Professor IICT



Prof. Dr. Akhtar Hussain Mughal
Member & Director Institute of Physics



Dr. Lachman Das Dhomeja
Member & /Director, IICT
University of Sindh



Dr. Arfana Mallah
Member /Prof. Institute of Chemistry



Shazia Abbasi
Member / Asst. Prof. IICT



Azharuddin Shaikh
Deputy Director Purchase & Stores Cell
L.U.M.H.S Jamshoro



Mr. Azar Akbar
I.T Incharge
L.U.M.H.S, Jamshoro



Muhammad Asad Arain
Manager Network, ICPC
M.U.E.T, Jamshoro



Muhammad Mashooque Siddiqui
Director Procurement



UNIVERSITY OF SINDH JAMSHORO

OFFICE OF THE DIRECTOR PROCUREMENT



NIT No. ID # 2147483547, NIT # PID (H) 97021/16

METHOD & PROCEDURE OF PROCUREMENT: UP-GRADATION AND EXTENSION OF INTERNET CAMPUS WIDE NETWORK AND EXTENSION.
(Single Stage Two Envelops)

A meeting of procurement committee of University of Sindh was held on 28-04-2016 for opening the technical bids receiving of subject NIT till the deadlines of submission. The meeting was attended by following members of the procurement committee and the representative of bidders (attendance sheet is enclosed).

Name of Procurement Committee

- | | | |
|----|---|----------|
| 1. | Prof. Dr. Khalil-u-Rehman Khoubati Professor, Institute of Information & Communication. Tech. University of Sindh. | Convenor |
| 2. | Prof. Dr. Akhtar Hussain Mughal Director, Institute of Physics, University of Sindh. | Member |
| 3. | Dr. Lachman Das Dhomeja. Director Institute of Information & Communication. Tech University of Sindh. | Member |
| 4. | Prof. Arfana Mallah, Professor Dr. M.A Kazi Institute of Chemistry & member Syndicate University of Sindh. | Member |
| 5. | Ms. Shazia Abbasi Assistant Professor / Convenor Technical Committee University of Sindh. | Member |
| 6. | Mr. Azharddin Shaikh Deputy Director Purchase & Stores Cell Liaquat University of Medical & Health Science | Member |
| 7. | Mr. Azar Akber I.T Incharge L.U.M.H.S Jamshoro (on Umra Leave in technical Bid) | Member |
| 8. | Mr. Muhammad Asad Arain Manager Networks, ICPC Mehran University of Engineering Science & Technology | Member |

9. Mohammad mashooque Siddiqui
Director Procurement
University of Sindh.

Member

The following bidders submitted their bids till the deadlines submission

(a) Network Active Passive Equipment

01. M/s Silicon Technologies Karachi
02. M/s Commtel Karachi
03. M/s Wateen Solution Pvt. Ltd. Karachi.

(b) Data Center & Power Work

01. M/s Silicon Technologies Karachi
02. M/s Primer System Pvt. Ltd. Karachi.
03. M/s Jaffer Brothers Pvt. Ltd. Karachi
04. M/s Commtel Karachi

According to SPPRA Rule 2010 (amended 2013) after detail study of technical proposals and the committee recommended following qualified firms for opening of financial bid. Keeping in view the financial bid were opened on dated: 12-05-2016 of the qualified firms as under;

(a) Network Active Passive Equipment

01. M/s Silicon Technologies Karachi
02. M/s Commtel Karachi
03. M/s Wateen Solution Pvt. Ltd. Karachi.

(b) Data Center & Power Work

- 01 M/s Silicon Technologies Karachi

The financial bids were opened on dated 12-05-2016 at 12 Noon in the presence of above mentioned participants and the rates quoted by bidders were read aloud and encircled by the chairman of the procurement committee. All the members of the procurement committee signed each and every page of financial proposal / bids do not contain over-writing or cutting. (Also mention cuttings or over writing if any)

The committee has examined all the bids as per the qualification / eligibility criteria provided in the bidding document, after market survey, airtethical checks and verify the document and bid security submitted by the bidders and recommended to award of contract who submitted lowest bids.

(a) Lowest bid offered in Network Active Passive Equipment by M/s Commtel Karachi

(b) Lowest bid offered in Data Center & Power Work by M/s Silicon Technologies, Karachi

The meeting ended with the note of thanks from the chair.



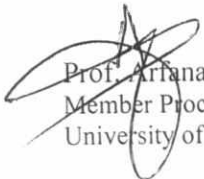
Prof. Dr. Khalil-u-Rehman Khoubati
Convenor, Procurement Committee
University of Sindh



Dr. Lachman Das Dhomeja.
Member Procurement Committee
University of Sindh



Prof. Dr. Akhtar Hussain Mughal.
Member Procurement Committee
University of Sindh



Prof. Arfana Mallah,
Member Procurement Committee
University of Sindh



Ms. Shazia Abbasi.
Member Procurement Committee
University of Sindh



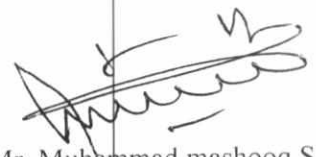
Mr. Azharuddin Shaikh
Member Procurement Committee
University of Sindh



Mr. Azar Akber
Member Procurement Committee
University of Sindh



Mr. Muhammad Asad Arain
Member Procurement Committee
University of Sindh



Mr. Muhammad mashooq Siddiqui
Member / Secretary
Procurement Committee
University of Sindh



UNIVERSITY OF SINDH

Jamshoro, Sindh, Pakistan



Director

Institute of Information and Communication Technology

No: IICT/ 225/2016
May 18, 2016

Muhammad Mashooque Siddique
Director Procurement
University of Sindh, Jamshoro.

Subject: Evaluate Financial Proposals of Tender submitted by Vendors for up-gradation and extension of Internet, Campus-Wide Network and its Extension for University of Sindh, Jamshoro.

Dear Sir,

With reference to letter No.DP/1351, dated 16.05.2016, on the subject above, the 3rd meeting of technical committee for upgradation and extension of campus-wide network was held on May 18, 2016 at 10.00 am in the office of the undersigned.

The technical committee thoroughly evaluated the financial proposals and after detailed discussion, the technical committee proposed recommendations (minutes of the meeting). Please find enclosed herewith a copy of minutes of the meeting (Annexure-A) and the technical proposals sent by your office.

Yours sincerely,


Prof: Dr Lachhman Das Dhameja
Director, IICT

DIRECTOR
Institute of Information and Communication Technology
University of Sindh, Jamshoro



UNIVERSITY OF SINDH

Jamshoro, Sindh, Pakistan



Director
Institute of Information and Communication Technology

No.IICT/223/16
May 18, 2016

Minutes of the 3rd meeting of technical committee regarding technical evaluation of financial proposals for up-gradation and extension of campus wide network.

The 3rd meeting of the technical committee for up-gradation and extension of campus wide network was held on Wednesday May 18, 2016 at 10.00 am under chairmanship of the undersigned regarding technical evaluation of financial proposals for up-gradation and extension of campus wide network sent by Director Procurement, University of Sindh via letter No. DP/1351, dated 16.05.2016.

The following members attended the meeting.

Prof. Dr. Lachhman Das Dhomeja
Director, IICT & Convener,
Technical Committee

Dr. Khalil-ur-Rehman Khoubati
Professor, IICT,
Member Technical Committee

Mr. Muhammad Aslam Kumbhar
Assistant Professor, IICT
Incharge ISP Operations & Services,
Member Technical Committee.

Mr. Naeem Ahmed Bhutto
Deputy Director Systems
Higher Education Commission
Member Technical Committee.

Mr. Azhar Akbar Memon
I.T Incharge, L.U.M.H.S, Jamshoro
Member Technical Committee.

Ms. Shazia Abbasi
Assistant Professor, IICT
Member Technical Committee

Mr. Nisar Ahmed Memon
Assistant Professor, IICT
Member Technical Committee

Mr. Saqib Hussain Baloch
Support Engineer, L.U.M.H.S, Jamshoro
Member Technical Committee

The meeting proceeding started with the recitation of Holy Quran followed by discussion on the agenda. The technical committee thoroughly evaluated financial proposals and after detailed discussion, the technical committee proposed the following recommendations:

- i) Cisco Nexus 9504 Core Switch should be purchased instead of Cisco Giga Fiber Core Switch. Two (2) 48 SFP modules and two (2) SUP cards, which are required for Nexus 9504 Core Switch should also be purchased.
- ii) The 24 RJ45 module should be replaced with the 48 RJ45 module.
- iii) Considering the financial constraints, it was recommended that the security solution (IBM SIEM Solutions) should be considered in 2nd phase of the project.
- iv) Keeping in view requirements for upcoming projects, including smart university project, IP surveillance system, etc. it was recommended that both UCS 5108 Blade Server AC2 Chassis and High and Low End-Rack Mount Server should be purchased.
- v) To be able to have a closer look at the cost of the project, it was proposed that the companies should be asked to provide item-wise cost of the equipment along with collective cost.
- vi) It was also suggested that the meeting of committee members with worthy chancellor should be held to brief her about technical aspects of the project and to request her for enhancing available budget so as to meet the requirements of upcoming projects whose implementation has to be based on the campus-wide network.
- vii) In RFP, AMP / 3M fiber optic cable was mentioned but lowest bidders for both data center and active and passive equipment infrastructures have included D-Link fiber optic cable instead. The technical committee showed strong reservation over inclusion of D-Link fiber optic cable and it was suggested that the lowest bidder should be asked to provide both a report comparing AMP / 3M and D-Link in terms of loss and efficiency and physical samples.
- viii) A separate execution committee should be formed to look after and monitor an entire process of implementation of both projects.

Prof. Dr. Lachhman Das Dhomeja
Director, IICT & Convener Technical Committee



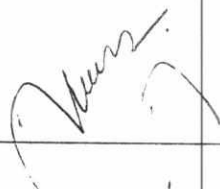



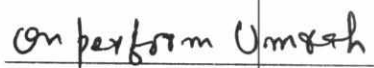



[Signature]
DIRECTOR
Institute of Information and Communication Technology
University of Sindh Jamshoro



UNIVERSITY OF SINDH, JAMSHORO
OFFICE OF THE DIRECTOR PROCUREMENT



Attendance Sheet of Procurement Committee for Participation in the Tender of Up-gradation and Extension of Internet, Campus-Wide Network and its Extension for University of Sindh for the Year 2016 Tender Held on April 28, 2016


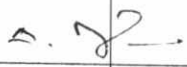
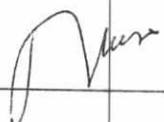
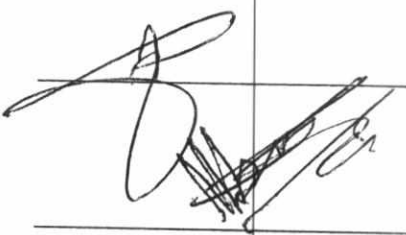
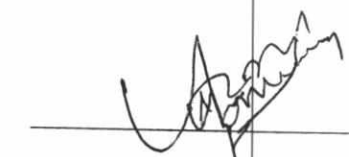
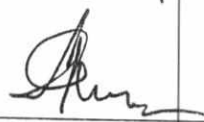
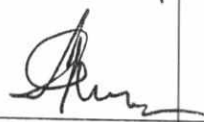



| | | | |
|-----|---|-----------------------|---|
| 1. | Prof. Dr. Khalil-u-Rehman Khumbhati, Professor, Institute of Information and Communication Technology, University of Sindh | Convenor |  |
| 2. | Prof. Dr. Akhtar Hussain Mughal, Director, Institute of Physics, University of Sindh | Member |  |
| 3. | Dr. Lachhman Das Dhomeja, Director, Institute of Information and Communication Technology, University of Sindh | Member |  |
| 4. | Prof. Dr. Arfana Mallah, Professor, Dr. M.A. Kazi Institute of Chemistry & Member Syndicate, University of Sindh | Member |  |
| 5. | Ms. Shazia Abbasi, Assistant Professor / Convenor Technical Committee University of Sindh | Member |  |
| 6. | Mr. Azharuddin Shaikh, Deputy Director Purchase & Stores Cell, Liaquat University of Medical & Health Sciences | Member |  |
| 7. | Mr. Azar Akber I.T Incharge, L.U.M.H.S, Jamshoro | Member |  |
| 8. | Mr. Muhammad Asad Arain, Manager Networks, ICPC, Mehran University of Engineering Science & Technology | Member |  |
| 9. | Dr. Muhammad Aslam Kumbhar Assistant Professor, Institute of Information & Communication Technology University of Sindh | By Special Invitation |  |
| 10. | Muhammad mashooque Siddiqui Director Procurement University of Sindh | Member / Secretary |  |



UNIVERSITY OF SINDH, JAMSHORO
OFFICE OF THE DIRECTOR PROCUREMENT



Attendance Sheet of Procurement Committee for Participation in the Opening of Financial Bid Tender of Up-gradation and Extension of Internet, Campus-Wide Network and its Extension for University of Sindh for the Year 2016 Tender Held on April 28, 2016 and Bid opened on May 12, 2016

| | | | |
|-----|---|-----------------------|---|
| 1. | Prof. Dr. Khalil-u-Rehman Khumbhati, Professor, Institute of Information and Communication Technology, University of Sindh | Convenor |  |
| 2. | Prof. Dr. Akhtar Hussain Mughal, Director, Institute of Physics, University of Sindh | Member |  |
| 3. | Dr. Lachhman Das Dhomeja, Director, Institute of Information and Communication Technology, University of Sindh | Member |  |
| 4. | Prof. Dr. Arfana Mallah, Professor, Dr. M.A. Kazi Institute of Chemistry & Member Syndicate, University of Sindh | Member |  |
| 5. | Ms. Shazia Abbasi, Assistant Professor / Convenor Technical Committee University of Sindh | Member |  |
| 6. | Mr. Azharddin Shaikh, Deputy Director Purchase & Stores Cell, Liaquat University of Medical & Health Sciences | Member |  |
| 7. | Mr. Azar Akber I.T Incharge, L.U.M.H.S, Jamshoro | Member |  |
| 8. | Mr. Muhammad Asad Arain, Manager Networks, ICPC, Mehran University of Engineering Science & Technology | Member |  |
| 9. | Dr. Muhammad Aslam Kumbhar Assistant Professor, Institute of Information & Communication Technology University of Sindh | By Special Invitation |  |
| 10. | Muhammad mashooque Siddiqui Director Procurement University of Sindh | Member / Secretary |  |



UNIVERSITY OF SINDH, JAMSHORO
OFFICE OF THE DIRECTOR PROCUREMENT



"A"

Attendance Sheet of Dealers for Opening of Financial Bid Tender of Network Active and Passive Equipment held on April 28, 2016

Certified that the Financial Bid Opened on dated May 12, 2016 in front of us

1. M/s Silicon Technologies, Karachi Sindh
2. M/s Commtel, Karachi Sindh
3. M/s Wateen Solutions Pvt. Ltd. Karachi Sindh



UNIVERSITY OF SINDH, JAMSHORO
OFFICE OF THE DIRECTOR PROCUREMENT



"B"

**Attendance Sheet of Dealers for Opening of Financial Bid Tender of Data Center and
Power Work held on April 28, 2016**

Certified that the Financial Bid Opened on dated May 12, 2016 in front of us

1. M/s Silicon Technologies Karachi, Sindh

2. _____

3. _____

4. _____

5. _____



UNIVERSITY OF SINDH, JAMSHORO
OFFICE OF THE DIRECTOR PROCUREMENT



"B"

Attendance Sheet of Dealers for Tender of Data Center and Power Work for University of Sindh for the Year 2016 Tender Held on April 28, 2016

Certified that the tender closed at 11:00 a.m. in front of us

- | | | |
|-----|-------------------------------------|--|
| 1. | M/s Silicon Technologies Karachi | |
| 2. | M/s Rimmer Systems Pvt Ltd Karachi | |
| 3. | M/s Jaffer Brothers Pvt Ltd Karachi | |
| 4. | M/s Comnetel Karachi | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |
| 10. | | |

Turnkey Project

Data Center & Power

Tender document advertised on 24-02-2016

Technical Proposals opened on 28.04.2016






Financial Proposal opened on 12.05.2016



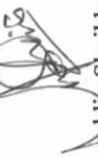



Comparative Statement of Data Center & Power

| No | Part Number / Brand / Description / Specification | Qty. | Unit price | M/S SILICON Total Price | Market Survey Rates |
|----|---|------|------------|----------------------------|---------------------|
|----|---|------|------------|----------------------------|---------------------|

| | | | | | | |
|----|------------------|---|---|-------|-----------|-----------|
| | Civil Works | Local | Dismantling & Construction of concrete room structure for data center & Power room FILLER - "Open Texture" block for normal load bearing use. Requires plaster or rendering. Supply of Aluminum Glass partition with door New Gate Armored Fabrication. Supply Paint works Supply of drain water UPVC piping 3/4 for CAC units Supply of Partitioning & furnishing of NOC room Anti-Static Tiles for UPS room | 1 job | 1,250,000 | 1,325,000 |
| 2. | Electrical Works | Pakistan Cable, Universal Cable, Fast Cable, Clipsal, Jeddah, Adamjee, etc. | Main Power Distribution Panel for UPS input DB, CAC & Light & Row power DB Sub-Distribution Panel of UPS Out for PDU & other load of Data Center | 1 job | 850,000 | 910,000 |

Prof. Dr. Khalid Rehman Khumbati
 Convener & Professor, IICT
 Prof. Dr. Akhtar Hussain Mughal
 Member & Director Institute of Physics
 Prof. Dr. Lachman Das Dhomeja
 Member & Director, IICT
 Prof. Dr. Ariana Mallah
 Professor, Institute of Chemistry
 Ms. Shazia Abbasi
 Assistant Professor, IICT

Mr. Azharuddin Shaikh,
 Deputy Director Purchase & Stores Cell
 LUMHS, Jamshoro
 Mr. Azar Akbar Memon
 I.T Incharge, IUMHS, Jamshoro
 Mr. Muhammad Asad Arain
 Manager Networks, ICPC
 Mr. M. M. Siddiqui
 Director Procurement

Comparative Statement of Data Center & Power

| No | Part Number / Brand / Description / Specification | Qty. | Unit price | M/S SILICON Total Price | Market Survey Rates |
|----|---|------|------------|----------------------------|---------------------|
|----|---|------|------------|----------------------------|---------------------|

| | | | | | |
|----|--|----------|--|---------|---------|
| | Sub-Distribution Panel of CAC Supply Emergency Stop Push Button, shut off power for the entire data center in the event of an emergency DB Standard IP65 Cabling: IEC Compliant | | | | |
| 3. | Data & Electrical Cable Trays Local | 300 rft. | | 420,000 | 442,500 |
| 4. | Server Communication Rack 42U Emerson, IBM, Toten | 4 | | 600,000 | 660,000 |

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Assistant Professor, ICT

Mr. Azharuddin Shaikh,
Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

Mr. Azar Akbar Memon
I.T Incharge, IUMHS, Jamshoro

Mr. Muhammad Asad Arain
Manager Networks, ICPC

Mr. M. A. Siddiqui
Director Procurement

Comparative Statement of Data Center & Power

| No | Part Number / Brand / Description / Specification | | Qty. | Unit price | M/S SILICON Total Price | Market Survey Rates |
|----|---|--|------|------------|----------------------------|---------------------|
| | | Front Door Single arch mesh front door, hexagon hole perforation, 75% perforation rate, with door opening angle 135°; door opening from left to right. Single door: steel with 1.5mm thickness. Rear Door Double flat mesh door, hexagon hole perforation, 75% perforation rate with door opening angle 135°. Double door: steel with 1.2mm thickness. IP Rating: IP20 | | | | |
| 5. | Access Control System | ZKAccess | 2 | | 170,000 | 184,000 |
| 6. | Rack Power Distribution | Emerson, Toten or | 8 | | 240,000 | 268,000 |

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LUMHS, Jamshoro

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|----|---|--|------|------------|----------------------------|---------------------|
|----|---|--|------|------------|----------------------------|---------------------|

| | | | | | | |
|-----|---|--|-------|--|---------|---------|
| 7. | Unit UPS 10 kVA (Online) | equivalent Emerson, APC | | | | |
| 8. | Comfort Cooling System (AC 4 Ton) | Euro-Aire, Mitsubishi, or equivalent | 2 | | 650,000 | 700,000 |
| | Wall Mounted (AC 1.5 Ton) | | 3 | | 660,000 | 705,000 |
| | | Compressor Compressor type: Scroll Brand: Sanyo Capacity: 14500 W Input: 4950 W Rated Current (RLA): 8.5A Locked Rotor Amp (LRA): 63A Thermal Protector: Internal | 2 | | 130,000 | 140,000 |
| 9. | Environmental Monitoring Solution | Emerson, Sky Control, AKCP or equivalent | 1 | | 390,000 | 410,000 |
| 10. | 8 Port KVM Switch with | Emerson, Avocent or | 1 job | | 275,000 | 300,000 |

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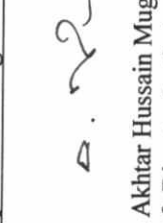

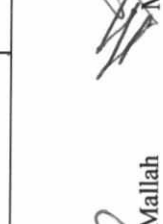

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|----|---|------|------------|----------------------------|---------------------|
|----|---|------|------------|----------------------------|---------------------|

| | | | | | |
|-----|------------|---|--|--|--|
| LCD | equivalent | <p>USB cables - UK keyboard and UK power cord.</p> <ul style="list-style-type: none"> • Integrated Access Cable Cat5 - USB, 10 ft. Security • LDAP authenticated and encrypted IP communication between the user's browser and switch can be SSL-128 bit, DES, 3DES or AES. <p>Onboard Web Interface</p> <ul style="list-style-type: none"> • No need to load and manage another software program on the user's PC. <p>Access</p> <ul style="list-style-type: none"> • One or two digital paths let you remotely manage all connected servers and serial-based devices. A local port provides at-the-rack access for a local analog user. <p>Multi-Platform Support</p> <ul style="list-style-type: none"> • Local PS/2 and USB connections and multi-platform target devices, including | | | |
|-----|------------|---|--|--|--|


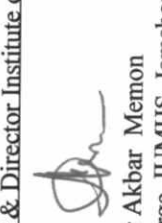
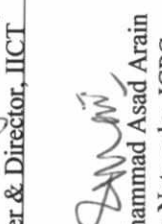

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 Assistant Professor, ICT

Mr. Azharuddin Shaikh,
 Deputy Director Purchase & Stores Cell
 LUMHS, Jamshoro

Mr. Azar Akbar Memon
 I.T Incharge, IUMHS, Jamshoro

Mr. Muhammad Asad Arain
 Manager Networks, ICPC

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 Director Procurement

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|-----|--|---|----------------------------|------------|----------------------------|---------------------|
| | | PS/2, USB, Sun™ and serial support. IPv6 Support- Supports Internet Protocol Version 6. | | | | |
| 11. | Fire Suppression System (Data Center & UPS Room) | FM200 • Fire Suppression Panel (SigmaT). • Optical Smoke Detector with Base. • High Sensitive Smoke Detector. • Fire Alarm Sounder. • Fire Alarm Bell. • Abort Switch. • Nozzle. • FM 200 Gas. • FM 200 Cylinder 164 lbs with Bracket, Actuator. | 1 job | | 850,000 | 925,000 |
| 12. | Gigabit Ethernet & Fiber Connectivity between Rack | AMP/3M/D-Link CAT-6 Solution (Patch Panels, Patch Cords, Cable Manager, Cable) Fiber Solution (Patch Panels, Patch Cords, Cable Manager, Cable) | As per actual after survey | | 600,000 | 625,000 |
| 13. | Services & Installation | Bidder shall provide professional services to achieve the desired results. Professionals should be certified in their areas of expertise, such as Certified Data | 1 job | | 750,000 | 1,000,000 |

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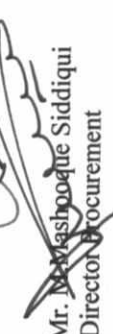
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|-----|---|---|---|--|----------------------------|---------------------|
| | | Distributor | Center Professionals, Certified Network Associate or Professional, along with project management and pre-sales consultants. Implementation team should be well qualified and expert to provide best possible services. | | | |
| 14. | 50 KVA DG Set with ATS | Cummins, Perkins, Siemens or equivalent | 400V, 50Hz 0.8 Power factor Complete Engine with Canopy. Complete Installation from Data Center with Cabling & Pad fabrication ATS panel & DB installation. 1 year warranty with Support. Providing/Fixing/ Installing / Commissioning and integration with existing power infrastructure as per actual site requirement inclusive of Training and related Professional services etc. | 1 Job | 2,225,000 | 2,500,000 |
| 15 | Furniture | Interwood or equivalent | Working Table & Chair for NOC | 6 | 150,000 | 510,000 |
| | | | | Sub Total | 9,460,000 | 10,604,500 |
| | | | | Grand Total Price with Inclusive of all taxes | | 11,923,200 |
| | | | | | | 13,547,265 |

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 Deputy Director Purchase & Stores Cell
 LUMHS, Jamshoro
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 Manager Networks, ICPC
 Mr. Mashooque Siddiqui
 Director Procurement

Turnkey Project

Active and Passive Equipment Infrastructure

Tender document advertised on 24-02-2016

Technical Proposals opened on 28.04.2016

Financial Proposal opened on 12.05.2016



| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|---------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price |
| | | | | | M/S SILICON Total Price | |

1. Network Infrastructure

| | | Cisco Firewall or Equivalent | | | | |
|----|---------------------|--|---|--|----------|----------|
| 1 | ASAS5525-FPWR-K9 | ASA 5525-X with FirePOWER Services, 8GE, AC, 3DES/AES, SSD | 2 | | Included | Included |
| 2 | CON-SNTA25FPK9 | SNTC-8X5XNBD ASA 5525-X with FirePOWER Services, 8GE, | 2 | | Included | Included |
| 3 | SF-FP5.3.1-K9 | Cisco FirePOWER Software v5.3.1 | 2 | | Included | Included |
| 4 | ASAS5525-CTRL-LIC | Cisco ASAS5525 Control License | 2 | | Included | Included |
| 5 | SF-ASA-X-9.2.2-K8 | ASA 9.2.2 Software image for ASA 5500-X Series, 5585-X, ASA-SM | 2 | | Included | Included |
| 6 | CAB-ACU | AC Power Cord (UK), C13, BS 1363, 2.5m | 2 | | Included | Included |
| 7 | ASA-VPN-CLNT-K9 | Cisco VPN Client Software (Windows, Solaris, Linux, Mac) | 2 | | Included | Included |
| 8 | ASA-ANYCONN-CSD-K9 | ASA 5500 AnyConnect Client + Cisco Security Desktop Software | 2 | | Included | Included |
| 9 | ASAS5500X-SSD120INC | ASA 5512-X through 5555-X 120GB MLC SED SSD (Incl.) | 2 | | Included | Included |
| 10 | ASAS5500-ENCR-K9 | ASA 5500 Strong Encryption License (3DES/AES) | 2 | | Included | Included |
| 11 | ASA-IC-B-BLANK | ASA 5525-X Interface Card Blank Slot Cover | 2 | | Included | Included |
| 12 | ASAS5525-MB | ASA 5525 IPS Part Number with which PCB Serial is associated | 2 | | Included | Included |
| 13 | L-ASAS5525-A11Y= | ASA 5525-X AVC & NGFW IPS 1Year | 2 | | Included | Included |

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Mr. Azharuddin Shaikh,
Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

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I.T Incharge, LUMHS, Jamshoro

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| | | | | | | M/S SILICON Total Price |

| | | (eDel) | | | | |
|----|------------------|---|-----------|-----------|-----------|-----------|
| 14 | FS-VMW-SW-K9 | Cisco FireSIGHT Management Center, Virtual(VMWare) FSIGHT Lic | 1 | | Included | Included |
| 15 | CON-SAU-VMW | SW APP SUPP + UPGR Virtual FireSIGHT Software | 1 | | Included | Included |
| | | | Sub Total | 2,541,931 | 2,600,000 | 3,200,000 |
| | | Cisco Giga Fiber Core Switch or Equivalent | | | | |
| 1 | WS-C4507R+E | Catalyst4500E 7 slot chassis for 48Gbps/slot, fan, no ps | 1 | | Included | Included |
| 2 | CON-SCN-C4507R+E | SC CORE 8X5XNBD Catalyst4500E 7 slot chassis for 48Gbps | 1 | | Included | Included |
| 3 | S45EU-35-1521E | CAT4500e SUP7-E/SUP7L-E Universal Image | 1 | | Included | Included |
| 4 | C4K-SLOT-CVR-E | Catalyst 4500 E-Series Family Slot Cover | 3 | | Included | Included |
| 5 | C4500E- | Advance IP Services License | 1 | | Included | Included |
| 6 | WS-X45-SUP8-E | Catalyst 4500 E-Series Supervisor 8-E, 928Gbps | 1 | | Included | Included |
| 7 | WS-X4748-R)45-E | Catalyst 4500 E-Series 48-Port 10/100/1000 (RJ45) | 1 | | Included | Included |
| 8 | WS-X4724-SFP-E | Catalyst 4500 E-Series 24-Port GE (SFP) | 1 | | Included | Included |
| 9 | WS-X4724-SFP-E | Catalyst 4500 E-Series 24-Port GE (SFP) | 1 | | Included | Included |
| 10 | PWR-C45-2800ACV | Catalyst 4500 2800W AC Power Supply (Data and PoE) | 1 | | Included | Included |

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Converer & Professor, IICT

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Assistant Professor, IICT

Mr. Azharuddin Shaikh,
Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

Mr. Azar Akbar Memon
I.T Incharge, IUMHS, Jamshoro

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| No | Part Number | Description | Qty. | Unit price | M/S COMTEL Total Price | M/S WATEEN Total Price |
| | | | | | | M/S SILICON Total Price |

| | | | | | | | |
|----|-------------------|---|-----------|--|-----------|-----------|-----------|
| 11 | CAB-AC-2800WEU | Europe Power Cord | 2 | | Included | Included | Included |
| 12 | PWR-C45-2800ACV/2 | Catalyst 4500 2800W AC Power Supply (Data and PoE) | 1 | | Included | Included | Included |
| 13 | GLC-LH-SMD= | 1000BASE-LX/LH SFP transceiver module MMF/SMF 1310nm DOM | 48 | | Included | Included | Included |
| | | | Sub Total | | 7,597,338 | 7,752,641 | 9,500,000 |
| 1 | SG200-26FP-EU | Cisco POE Access Switch or Equivalent | 20 | | Included | Included | Included |
| 2 | MGBLX1 | 26-port Gigabit Smart Switch, PoE, 180W Gigabit Ethernet LX Mini-GBIC SFP Transceiver | 40 | | Included | Included | Included |
| | | | Sub Total | | 1,653,059 | 1,818,365 | 2,750,000 |
| 1 | UCS-MINI-Z0001 | Cisco UCS with VMWARE or Equivalent | 1 | | Included | Included | Included |
| 2 | UCSB-5108-AC2 | Cisco Unified Computing System UCS 5108 Blade Server AC2 Chassis, 0 PSU/8 fans/0 FEX | 1 | | Included | Included | Included |
| 3 | N20-CBLKP | Power supply unit blanking panel for UCS 5108 | 1 | | Included | Included | Included |
| 4 | N01-UAC1 | Single phase AC power module for UCS 5108 | 1 | | Included | Included | Included |
| 5 | N20-FAN5 | Fan module for UCS 5108 | 8 | | Included | Included | Included |
| 6 | N20-CBLKB1 | Blade slot blanking panel for UCS 5108/single slot | 4 | | Included | Included | Included |
| 7 | N20-CAK | Accessory kit for UCS 5108 Blade Server Chassis | 1 | | Included | Included | Included |

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LUMHS, Jamshoro

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| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price | M/S SILICON Total Price |

| | | | | | | | |
|----|-------------------|--|----|--|----------|----------|----------|
| 8 | UCSB-5108-PKG-HW | UCS 5108 Packaging for chassis with half width blades. | 1 | | Included | Included | Included |
| 9 | N20-FW013 | UCS Blade Server Chassis FW Package 3.0 | 1 | | Included | Included | Included |
| 10 | UCSB-B200-M4 | UCS B200 M4 w/o CPU, mem, drive bays, HDD, mezz | 4 | | Included | Included | Included |
| 11 | CON-SNT-B200M4 | SNTC-8X5XNBDUCS B200 M4 w/o CPU,mem,dr b,HDD,mezz | 4 | | Included | Included | Included |
| 12 | UCS-CPU-E52630LD | 1.80 GHz E5-2630L v3/55W 8C/20MB Cache/DDR4 1866MHz | 8 | | Included | Included | Included |
| 13 | UCS-MR-1X081RU-A | 8GB DDR4-2133-MHz RDIMM/PC4-17000/single rank/x4/1.2v | 16 | | Included | Included | Included |
| 14 | UCSB-MLOM-40G-01 | Cisco UCS VIC 1240 modular LOM for blade servers | 4 | | Included | Included | Included |
| 15 | UCSB-HS-EP-M4-F | CPU Heat Sink for UCS B200 M4/B420 M4 (Front) | 4 | | Included | Included | Included |
| 16 | UCSB-HS-EP-M4-R | CPU Heat Sink for UCS B200 M4/B420 M4 (Rear) | 4 | | Included | Included | Included |
| 17 | UCSB-LSTOR-BK | FlexStorage blanking panels w/o controller, w/o drive bays | 8 | | Included | Included | Included |
| 18 | C1UCS-OPT-OUT | Cisco ONE Data Center Compute Opt Out Option | 4 | | Included | Included | Included |
| 19 | VMW-VSP-STD-1A | VMware vSphere 6 Standard (1 CPU), 1-yr, Support Required | 8 | | Included | Included | Included |
| 20 | CON-ISV1-VSXSTD1A | VSphere Standard for 1 CPU; ANNUAL List | 8 | | Included | Included | Included |

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Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

Mr. Azar Akbar Memon
I.T Incharge, IUMHS, Jamshoro

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Manager Networks, ICPC

Mr. Masrooq Siddiqui
Director Requirement

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|--|-------------|-------------|------|------------|-------------------------|-------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price |
| | | | | | | M/S SILICON Total Price |

| | | | | | | |
|----|-------------------|---|-----------|-----------|-----------|------------|
| | | 1-YR Req'd | | | | |
| 21 | UCSB-PSU-2500ACDV | 2500W Platinum AC Hot Plug Power Supply - DV | 3 | | Included | Included |
| 22 | CAB-BS1363-C19-UK | BS-1363 to IEC-C19 14ft UK | 3 | | Included | Included |
| 23 | UCS-FI-M-6324 | UCS 6324 In-Chassis FI with 4 UP, 1x40G Exp Port, 16 10Gb | 2 | | Included | Included |
| 24 | CON-SNT-FIM6324 | SNTC-8X5XNBD UCS 6324 In-Chs FI w/4 UP 1x40G E-Port | 2 | | Included | Included |
| 25 | N10-MGT013 | UCS Manager 3.0 for 6324 | 2 | | Included | Included |
| 26 | FET-10G | 10G Line Extender for FEX | 2 | | Included | Included |
| 27 | CON-SNT-6508AC2 | SNTC-8X5XNBD UCS 5108 AC Chassis, updated backplane, SN | 2 | | Included | Included |
| | | | | | | |
| | | Cisco IP Surveillance DC or Equivalent | Sub Total | 9,307,483 | 9,493,633 | 12,000,000 |
| 1 | CPS-UCS-1RU-K9 | Cisco Connected Safety and Security UCS C220 1-RU | 1 | | Included | Included |
| 2 | CPS-HDD2T12F213 | 2TB SAS 7.2K RPM 3.5 inch HDD/hot plug/drive sled mounted | 2 | | Included | Included |
| 3 | CAB-9K10A-UK | Power Cord 250VAC 10A BS1363 Plug (13 A fuse) UK | 2 | | Included | Included |
| 4 | CPS-VSM-SW75 | CPS-VSM Video Surveillance Manager v7.5 SW Mfg Image | 1 | | Included | Included |
| 5 | FL-CPS-MS-SW7 | License for one Media Server on MSP | 1 | | Included | Included |

Prof. Dr. Khairul-Rehman Khumbati
Convenor & Professor, ICT

Prof. Dr. Akhtar Hussain Mughal
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| | | | | | | | |
|----|-------------------|--|---|--|-----------|-----------|-----------|
| 6 | FL-CPS-OM-SW7 | Feature License for one Operations Manager on MSP | 1 | | Included | Included | Included |
| 7 | CPS-PSU-650W | 650W power supply for CPS servers | 1 | | Included | Included | Included |
| 8 | CIVS-IPC-3520 | Cisco Video Surveillance IP Dome Body Indoor 1MP DN IO | 3 | | Included | Included | Included |
| 9 | CIVS-AVCABLE | Audio Video Cable for 35xx 6k and 7k Series IP Cameras | 3 | | Included | Included | Included |
| 10 | CIVS-6KA-VRNCNDBS | VR Conduit Base for 3520 and 6020 IP Domes | 3 | | Included | Included | Included |
| 11 | CIVS-6KA-VRD-C | Clear Vandal Resistant Dome for 35xx 6k 7k IP Domes | 3 | | Included | Included | Included |
| 12 | CIVS-IPCA-PWR12V | Cisco IP Camera Power Supply | 3 | | Included | Included | Included |
| 13 | CIVS-CAB-BCU | CIVS C15 Power Cable UK | 3 | | Included | Included | Included |
| | | Sub Total | | | 2,078,886 | 2,186,775 | 2,600,000 |

Prof. Dr. Khalil-u-Rehman Khumbati
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Assistant Professor, IICT

Mr. Azharuddin Shaikh,
Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

Mr. Azar Akbar Memon
I.T Incharge, IUMHS, Jamshoro

Mr. Muhammad Asad Arain
Manager Networks, ICPC

Mr. M. Ashtooque Siddiqui
Director Procurement

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|---------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMTEL Total Price | M/S WATEEN Total Price |
| | | | | | M/S SILICON Total Price | |

| Cisco Nexus 9504 Core Switch | | | | | | |
|---|---|---|--|----------|----------|-----------|
| Providing/ Fixing/ Installing/ Integration/ Commissioning inclusive of related Training and Professional services etc. | | | | | | |
| | Nexus 9504 Chassis with 4 linecard slots | 1 | | Included | Included | Included |
| | SNTC-8X5XNBD Nexus 9504 Chassis with 4 linecard slots | 1 | | Included | Included | Included |
| | Nexus 9508 Fabric Module slot cover | 2 | | Included | Included | Included |
| | Nexus 9500 Linecard slot cover | 1 | | Included | Included | Included |
| | Nexus 9500 Power Supply slot cover | 1 | | Included | Included | Included |
| | Nexus 9500 Accessory Kit | 1 | | Included | Included | Included |
| | Fabric Module for Nexus 9504 chassis | 4 | | Included | Included | Included |
| | Fan Tray for Nexus 9504 chassis, Port-side Intake | 3 | | Included | Included | Included |
| | Nexus 9500/9300/3164PQ Base NX-OS Software Rel 6.1(2)I2(2b) | 1 | | Included | Included | Included |
| | Power Cord, 250Vac 16A, Europe | 3 | | Included | Included | Included |
| | Nexus 9500 3000W AC PS, Port-side Intake | 3 | | Included | Included | Included |
| | Nexus 9504 Rack Mount Kit | 1 | | Included | Included | Included |
| | System Controller for Nexus 9500 | 2 | | Included | Included | Included. |

Prof. Dr. Khaliq-Rehman Khumbati
Convener & Professor, IICT

Prof. Dr. Akhtar Hussain Mughal
Member & Director Institute of Physics

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Member & Director, IICT

Prof. Dr. Arshana-Mallah
Professor, Institute of Chemistry

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Director Procurement

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|---------------------------|----------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price | M/S SILICON Total Price |

| | | | | |
|---|---|------------|------------|------------|
| Nexus 1000V Essential Edition Paper Delivery License Qty 96 N9500 License PAK Expansion LAN Enterprise License for Nexus 9500 Platform Supervisor for Nexus 9500 Nexus 9500 linecard, 48p 1/10G-T & 4p QSFP Nexus 9500 linecard, 48p 1/10G SFP+ & 4p QSFP Nexus 9500 linecard, 48p 1/10G SFP+ & 4p QSFP Support: VTP, RSTP, Routing Protocols, InterVlan Routing, ACI (Application Centric Infrastructure) Warranty: Minimum Principal Back Warranty/Advance Hardware Replacement along with the principal Technical Assistance including O&M | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| | 1 | Included | Included | Included |
| Sub Total | | 9,124,959 | 9,389,957 | 11,500,000 |
| | | 32,303,656 | 33,241,371 | 41,550,000 |

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Mr. Muhammad Asad Arain
Manager Networks, ICPC

Mr. Masrooq Siddiqui
Director, Procurement

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | | |
|--|-------------|-------------|------|------------|-----------------------------|---------------------------|----------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMETEL Total Price | M/S WATEEN Total Price | M/S SILICON Total Price |

| High End-Rack Mount Server | | | | | | | |
|----------------------------|--|----|--|--|-----------|-----------|-----------|
| | (Brand: HP / Dell / IBM or equivalent) | 02 | | | 2,353,769 | 2,539,146 | 3,000,000 |
| | Rack Mount Server 2U Gen9 with Redundant Power Supply. Processor: 2 x Intel® Xeon® E5-2650v3 (2.6GHz/12-core/30MB Cache 115 Watt) Memory: 48GB DDR3 1333 Mhz with ECC support Hard Drive: 6 x 1 TB 6G SAS. Network Interface: 4 X 1G Copper Interfaces with TOE iSCSI + 1G fiber module RAID Controller with 512 MB Cache supporting RAID 5,10 Optical Drive: SLIM SATA DVD-RW Drive Hot Swappable Redundant Power Supply Supported Platforms : Windows & Linux With all required accessories All relevant cables and Rack Mounting Kit. Warranty and Support: 3 years comprehensive parts as well as onsite support warranty Providing/Fixing/ Installing / Commissioning inclusive of related Training and Professional services etc. | | | | | | |
| Low-End Server | | | | | | | |
| | (Brand: HP / Dell / IBM or equivalent) Rack Mount Server Gen9 2U with Redundant Power Supply. Processor: Intel® Xeon® E5-2630 (2.30GHz/6-core/15MB Cache 95 Watt) Memory: 32GB DDR3 1333 MHz with ECC support | 02 | | | 1,587,850 | 1,696,635 | 2,000,000 |

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Professor, Institute of Chemistry



Mr. Masoodique Siddiqui
Director Procurement



Ms. Shazia Abbasi
Assistant Professor, IICT



| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|---------------------------|----------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price | M/S SILICON Total Price |

| | | | | | | | |
|--|--|---|-----------|--|-----------|-----------|-----------|
| | | Hard Drive: 3 x 1 TB 6G SAS, Hot Plug drives. Network Interface: Ethernet Adapter 2 Ports per controller. RAID Controller with 512 Cache supporting RAID 5,10 Optical Drive: SLIM SATA DVD-RW Drive Hot Swappable Redundant Power Supply Supported Platforms: Windows & Linux With all required accessories All relevant cables and Rack Mounting Kit Warranty and Support: 3 years comprehensive parts as well as onsite support warranty Providing/Fixing/ Installing / Commissioning inclusive of related Training and Professional services etc. | | | | | |
| | | | Sub Total | | 3,941,621 | 4,235,781 | 5,000,000 |

Grand Total Price with Inclusive of all taxes


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 Mr. Masood Sique
 Director Procurement


 Ms. Shazia Abbasi
 Assistant Professor, IICT

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|-------------------------|-------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price |
| | | | | | | M/S SILICON Total Price |

II. Network Security


| | | IBM SIEM or Equivalent | | | | |
|---|------------------------------|--|-----------|--|------------|------------|
| 1 | SIEM Solution | IBM Qradar up to 5000 EPS with 12 months support | 1 | | Included | Included |
| | | Advance Antimalware solution | | | | |
| 1 | Advance Antimalware solution | Advance Antimalware solution appliance with 12 months 2 way DTI & Support (details & compliance can find at Annexure B. | 1 | | Included | Included |
| | | Whatsup Gold NMS or Equivalent | | | | |
| 1 | Whatsup Gold | NMS monitoring software with 12 months support | 1 | | Included | Included |
| | | | Sub Total | | 12,276,581 | 12,790,490 |
| | | | | | | 16,000,000 |

Grand Total Price with Inclusive of all taxes

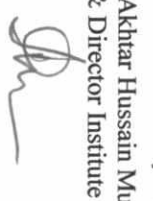
III. SAN Solution

| | | IBM Storage 40TB or Equivalent | | | | |
|---|-------------|---|-----------|--|-----------|-----------|
| 1 | IBM Storage | 3.5-inch Storage Controller Unit | 1 | | Included | Included |
| 2 | | 4 TB 7,200 rpm 6 Gb SAS NL 3.5 Inch HDD | 10 | | Included | Included |
| 3 | | 8Gb FC 4 Port Host Interface Card | 2 | | Included | Included |
| 4 | | Rack Shipment Bracket | 1 | | Included | Included |
| 5 | | 8Gb FC SW SFP Transceivers (Pair) | 2 | | Included | Included |
| 6 | | 5m Fiber Cable (LC) | 4 | | Included | Included |
| | | | Sub Total | | 1,831,280 | 2,014,408 |
| | | | | | | 2,300,000 |

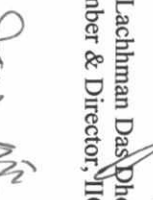
Grand Total Price with Inclusive of all taxes

Prof. Dr. Khalil-u-Rehman Khumbati
Convener & Professor, ICT


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Deputy Director Purchase & Stores Cell
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Mr. Mufammad Asad Arain
Manager Networks, ICPC

Prof. Dr. Arfana Mallah
Professor, Institute of Chemistry


Mr. M. Kashidque Siddiqui
Director Procurement

Ms. Shazia Abbasi
Assistant Professor, ICT


| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|----------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S SILICON Total Price |

IV. Fiber Optic Connectivity Between Departments & Data Center

| S # | Item Description | UOM | Brand | Qty. | | | |
|--------------------------------------|---|-----------|------------------------|------|--|--------------------------|-----------------------|
| Passive Items for LAN Infrastructure | | | | | | | |
| 1 | 24 Port Rack Mount Patch Panel Loaded with 12 Duplex SC Single Mode Adapters | | 3M, AMP, or equivalent | 6 | | 86,750 D-Link | Included 96,000 |
| 2 | LC-SC Single Mode Duplex Patch Cord, 3 Meter | 3 meter | 3M, AMP, or equivalent | 36 | | 85,883 D-Link | Included 90,000 |
| 3 | SC Single Mode Simplex Pigtail, 1M | 1 meter | 3M, AMP, or equivalent | 128 | | 138,801 D-Link | Included 1,28,000 |
| 4 | 12-Core Multimode (50/125um) OM2 Unitube Armoured Outdoor Fiber Cable - HDPE Sheath (Branded) | Per Meter | 3M, AMP, or equivalent | 4000 | | 809,670 D-Link | Included 8,80,000 |
| PVC Laying Material | | | | | | | |
| 1 | All The UTP Laying Material with Accessories | Per meter | Local | 1 | | 1,373,548 | Included 2,000,000 |

Prof. Dr. Khaili-u-Rehman Khumbati
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Prof. Dr. Arfana Mallah
Professor, Institute of Chemistry

Ms. Shazia Abbasi
Assistant Professor, ICT

Mr. Azharuddin Shaikh,
Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

Mr. Azar Akbar Memon
I.T Incharge, LUMHS, Jamshoro

Mr. Muhammad Asad Arain
Manager Networks, ICPC

Mr. M. Ashique Siddiqui
Director Requirement

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|-------------------------|-------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price |
| | | | | | | M/S SILICON Total Price |

| Service & Installation | | | | | | |
|------------------------|--|-----------|--------------|-----------|-----------|------------|
| 1 | Hard digging after laying proper cement backfilling with pipe fixing / Meter | Per meter | Local | | | |
| 2 | Soft digging after laying normal backfilling with pipe fixing / Meter | Per meter | Local | 1 | 6,506,280 | 8,000,000 |
| 3 | Cemented manhole / pit with cover / Each | APA | Local | | Included | |
| 4 | Fiber cable laying, piping and ducting / meter | Per meter | Adamjee Duct | | Included | |
| 5 | Fusion fiber splicing with fiber sleeve / Core | Per core | | 128 | 92,534 | 1,28,000 |
| 6 | OTDR Fiber testing / Core | Per Core | | 64 | 138,801 | 1,28,000 |
| | | | | Sub Total | 9,232,267 | 11,450,000 |

Grand Total Price with Inclusive of all taxes

Prof. Dr. Khalil-u-Rehman Khumbati
Convener & Professor, IICT

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Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

Prof. Dr. Akhtar Hussain Mughal
Member & Director Institute of Physics

Mr. Azar Akbar Memon
I.T Incharge, IUMHS, Jamshoro

Dr. Lachman Das Dhomeja
Member & Director, IICT

Mr. Muhammad Asad Arain
Manager Networks, ICPC

Prof. Dr. Arifana Mallah
Professor, Institute of Chemistry

Mr. M. Masood Siddiqui
Director Procurement

Ms. Shazia Abbasi
Assistant Professor, IICT

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|---------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price |
| | | | | | M/S SILICON Total Price | |

V. Structural cabling for Different Departments

| S # | Item Description | Brand | Qty. | | | |
|--------------------------------------|---|------------------------|------|--|--------------------------|---------------------|
| Passive Items for LAN Infrastructure | | | | | | |
| 1 | 24 Port Cat6 Unshielded Fully Loaded Punch Down Patch Panel - Keystone Type -1U- Black Colour | 3M, AMP, or equivalent | 25 | | 253,022 D-Link | Included 450,000 |
| 2 | 19"1U Metal cable Management with rings | 3M, AMP, or equivalent | 25 | | 43,375 D-Link | Included 75,000 |
| 3 | Cat6 UTP 24 AWG PVC Solid Cable - 305M/Roll - Grey Colour | 3M, AMP, or equivalent | 40 | | 578,336 D-Link | Included 500,000 |
| 4 | Cat6 UTP 24 AWG PVC Round Patch Cord - 1M | 3M, AMP, or equivalent | 520 | | 142,849 D-Link | Included 156,000 |
| 5 | Cat6 UTP 24 AWG PVC Round Patch Cord - 3M | 3M, AMP, or equivalent | 520 | | 233,069 D-Link | Included 208,000 |
| 6 | Cat6 UTP 180° Punch Down Keystone Jack - White Colour | 3M, AMP, or equivalent | 500 | | 198,803 D-Link | Included 175,000 |

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Prof. Dr. Ardana Mallah
Professor, Institute of Chemistry

Ms. Shazia Abbasi
Assistant Professor, ICT

Mr. Azharuddin Shaikh,
Deputy Director Purchase & Stores Cell
LUMHS, Jamshoro

Mr. Azar Akbar Memon
IT Incharge, IUMHS, Jamshoro

Mr. Muhammad Asad Arain
Manager Networks, ICPC

Mr. M. M. Siddiqui
Director Procurement

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|----------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price |
| | | | | | | M/S SILICON Total Price |

| | | | | | | |
|------------------------|--|--|------------------------|----------------------|-------------------------|--------------------------------|
| | | | 3M, AMP, or equivalent | | | |
| 7 | | Dual Faceplate Accepts Two Keystone Jacks with Shutter With local bac box | 500 | | 90,365 D-Link | Included 75,000 |
| 8 | | 18U Wallmount 600*600 Cabinets | 6 | Toten, or equivalent | 173,501 Toten | Included 150,000 |
| 9 | | 42U A3 Network cabinets 800*1000, lockable front perforated door, including 4 two way exhaust fan, 2-fixed 1-sliding tray, removable side panels, black powder coated, Loading capacity 800KG, | 2 | Toten, or equivalent | 216,876 Toten | Included 210,000 |
| 10 | | 6-outlet All-type PDU (Power Distribution Unit) | 10 | Toten, or equivalent | 65,063 Toten | Included 700,000 |
| PVC Laying Material | | | | | | |
| 1 | | All The UTP Laying Material with Accessories | 1 | Local | 1,228,964 | Included 1,500,000 |
| Service & Installation | | | | | | |
| 1 | | UTP Cabling, ducting, piping, termination, tagging, proper cable harnessing / organizing and rack installation. | | Local | 50000 | 867,504 Included 750,000 |

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Prof. Dr. Afiana Mallah
Professor, Institute of Chemistry

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LUMHS, Jamshoro

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Director Procurement

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | |
|--|-------------|-------------|------|------------|----------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price |
| | | | | | M/S WATEEN Total Price |
| | | | | | M/S SILICON Total Price |

| | | | | | | |
|---|------------------------------------|-------|-----------|-----------|-----------|-----------|
| 2 | UTP Fluke testing (Fluke Analyzer) | Local | 500 | 144,584 | Included | 350,000 |
| | | | Sub Total | 4,236,311 | 4,459,942 | 5,299,000 |

VI. Services & Trainings

Grand Total Price with Inclusive of all taxes

| S # | Item Description | QTY | Unit Price | | | |
|-----|--|-----------|------------|-----------|-----------|-----------|
| 1 | Training for Item I, II, III & IV on international class room standards for 5 persons. Includes traveling lodging all study material & labs with international certifications. | 1 | | 1,082,934 | Included | Included |
| 2 | Service Level Agreement for 1 year which Included 2 Onsite Resident Engineers. | 1 | | 773,524 | Included | Included |
| 3 | One Site installation & integration of all Solutions in Data Center (item I,II,III & IV) | 1 | | Included | Included | Included |
| 4 | Network & Security assessment every quarter for 1 year which Includes Pentest & Security assessments. Reporting etc. | 1 | | 309,410 | Included | Included |
| | | Sub Total | | 2,165,868 | 2,282,455 | 2,800,000 |

Grand Total Price with Inclusive of all taxes

Prof. Dr. Khalil-u-Rehman Khumbati
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Mr. M. N. Siddique Sidiqui
Director Procurement

| Comparative Statement of Active & Passive Equipment Infrastructure | | | | | | |
|--|-------------|-------------|------|------------|----------------------------|---------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price |
| | | | | | M/S SILICON Total Price | |

Other Equipment

| | | | | | | | |
|----|---|---|---|--|---------|---------|---------|
| 16 | Laptop For NOC Lenovo/HP/ Dell Or equivalent | Processor: Core i7 - 2.3 GHZ (6th Generation) Memory: 8GB RAM Optical Drive: Super Multi DVD RW Hard disk: 1TB HDD LED: 15.6" Display LAN 100/1000 WiFi - HD CAM - BT | 6 | | 648,669 | 713,536 | 840,000 |
| 17 | Furniture Interwood or equivalent | Working Table & Chair for NOC | 6 | | | | |
| 18 | LEDs 55 inches Samsung, Sony, LG or Equivalent | LED for NOC monitoring with standard HDMI & VGA connectivity | 2 | | 455,206 | 500,727 | 570,000 |
| 19 | Printer HP, Samsung, Xerox or equivalent | Print Speed: 33 ppm or higher Print Resolution: standard 600x600 dpi and enhanced upto 1200x1200 dpi Print Technology: Laser Connectivity: USB 2.0, 10/100/1000 Ethernet, Wi- fi Monthly Duty Cycle: upto 50000 or higher with recommended volume | 1 | | 41,964 | 46,160 | 52,500 |

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Mr. Masood Sidiq
Director Procurement

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|--|-------------|-------------|------|------------|----------------------------|---------------------------|----------------------------|
| No | Part Number | Description | Qty. | Unit price | M/S COMMTEL Total Price | M/S WATEEN Total Price | M/S SILICON Total Price |

| | | | | | | | |
|---|----------------------------------|--|-----------|--|------------|------------|------------|
| | | upto 3000 or higher, Duplexing: | | | | | |
| 20 | Printer Multifocal | Automatic Supports multiple paper sizes including A4, A5, B5, Legal, Letter, Envelope, High yield toner Warranty and Support: 3 years comprehensive warranty | | | | | |
| | HP, Samsung, Xerox or equivalent | 4 in 1 Print, Scan, Copy & fax A4 paper support 30ppm USB 2.0 wifi | 1 | | 42,675 | 46,943 | 53,500 |
| | | | Sub Total | | 1,188,515 | 1,307,366 | 1,516,000 |
| Grand Total Price with Inclusive of all taxes | | | | | 67,176,099 | 69,987,307 | 85,915,000 |

Prof. Dr. Khaili-u-Rehman Khumbati
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Mr. Muhammad Asad Arain
Manager Networks, ICPC

Mr. Mansoor Sidiq
Director Procurement



UNIVERSITY OF SINDH

Jamshoro, Sindh, Pakistan



Director

Institute of Information and Communication Technology

No. IICT/ 192 /2016
May 10, 2016

To,

Muhammad Mashooque Siddique
Director Procurement
University of Sindh, Jamshoro.

Subject: Evaluate Technical Proposals of Tender submitted by Vendors for up-gradation and extension of Internet, Campus-Wide Network and its Extension for University of Sindh, Jamshoro.

Dear Sir,

With reference to letter No.DP/1203, dated 29.04.2016 on the subject above, the 2nd meeting of technical committee for upgradation and extension of campus-wide network was held on May 05, 2016 in which technical proposal were strictly evaluated against the Terms of References (TORs) provided in the tender document and a technical report was prepared.

Please find enclosed herewith the minutes of the meeting (Annexure-A) along with the technical report (Annexure-B) and technical proposals sent by your office.

Yours sincerely,

Prof: Dr Lachhman Das Dhomija
Director, IICT

10/05/16
DIRECTOR
Institute of Information and Communication Technology
University of Sindh, Jamshoro



UNIVERSITY OF SINDH

Jamshoro, Sindh, Pakistan



Director
Institute of Information and Communication Technology

No.IICT/ 116-191
May 6, 2016

Minutes of the second meeting of technical committee for up-gradation and extension of campus wide network.

A second meeting of technical committee for up-gradation and extension of campus wide network was held on May 05, 2016 under chairmanship of undersigned for evaluation of Technical Proposals for up-gradation and extension of campus wide network sent by Director Procurement, University of Sindh via letter No. DP / 1203 dated 29-04-2016. The following members attended the meeting.

Prof. Dr. Lachhman Das Dhomeja
Director, IICT / Convener

Dr. Khalil-ur-Rehman Khoubati
Professor, IICT / Member Technical Committee

Mr. Muhammad Aslam Kumbhar
Assistant Professor, IICT
Operations. / Member Technical Committee

Ms. Shazia Abbasi
Assistant Professor, IICT / Incharge ISP
Member Technical Committee

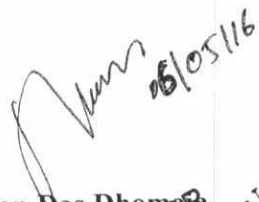
Kamran Brohi
Web Administrator, SUJ /
Technical Committee.

Mr. Nisar Ahmed Memon
Assistant Professor, IICT / Member
Member Technical Committee

Mr. Naeem Ahmed Bhutto
Deputy Director Systems,
Higher Education Commission
Member Technical Committee

Mr. Saqib Hussain Baloch
Support Engineer, L.U.M.H.S, Jamshoro
/ Member Technical Committee.

The meeting proceeding started with the recitation of Holy Quran followed by discussion on the agenda. The members strictly evaluated the technical proposals against the Terms of References (TORs) provided in the tender document and prepared a technical report, which is attached herewith.


Prof. Dr. Lachhman Das Dhomeja
Director, IICT &
Convener Technical Committee

DIRECTOR
Institute of Information and Communication Technology
University of Sindh Jamshoro

EVALUATION OF TECHNICAL PROPOSAL OF DATA CENTER AND POWER AT UNIVERSITY OF SINDH, JAMSHORO

| Sr. # | Description | Marks of Eligibility | M/S Premier Systems (Pvt.) Ltd | M/S COMMTEL | M/S Silicon Technologies | M/S Jaffer Brothers |
|-------|--|----------------------|--------------------------------|-------------|--------------------------|---------------------|
| 1 | 1. The bidder Past Experience in relevant projects min. 5 (attach copies) Mandatory | 10 | 06 | 02 | 10 | 06 |
| 2 | 2. Reference: contact information for not less than 5 references from projects similar in size and scope of work (including location and year). | 10 | 02 | 02 | 10 | 06 |
| 3 | 3. The bidder will submit scope of work with all the High level / Low level Designs including power, connectivity, cooling, Complete Document. Mandatory | 25 | 00 | 00 | 25 | 6 |
| 4 | 4. At least 4 Certified personals for the Data Center Certified Professional - CDCP (attach copies). | 15 | 04 | 00 | 15 | 15 |
| 5 | 5. Annual Turn Over in last 3 Years min. 100 million (attach copies). | 05 | 05 | 05 | 05 | 05 |
| 6 | 6. The bidder must be registered with Sales Tax, Income Tax departments and should be active tax payer. GST and NTN must be registered with the name of the firm not with individuals. | 10 | 10 | 10 | 05 | 10 |
| 7 | 7. Tax returns of last 3 years. | 10 | 10 | 10 | 10 | 10 |
| 8 | 8. The bidder should be Tier-I, ASDP partner and Distributor (attach certificate copy). | 10 | 05 | 05 | 10 | 05 |
| 9 | 9. The bidder should be associated with principal (ASDP and Distributor, Manufacturer) since 5 years at least. | 05 | 00 | 00 | 05 | 05 |
| | Note: Minimum Qualification is 75 out of 100 points. | 100 | 42 | 34 | 95 | 68 |

Prof. Dr. Lachhman Das Dhomeja,
Director, IICT /Convener

Dr. Khalil-ur-Rehman Khoumbati
Professor, IICT & Member

Mr. Muhammad Aslam Kumbhar
Assistant Professor, IICT / Member

Mr. Naqam Ahmed Bhutto
Deputy Director Systems, HEC /Member

Ms. Shazia Abbasi
Assistant Professor, IICT /Member

Dr. Kamran Brohi
Web Administrator / Member

Mr. Saqib Hussain Baloch
Support Engineer , L.U.M.H.S /Member

EVOLUTION OF TECHNICAL PROPOSAL OF ACTIVE AND PASSIVE EQUIPMENT AT UNIVERSITY OF SINDH, JAMSHORO

| Sr. # | Description | Marks of Eligibility | M/S Silicon Technologies | M/S COMMTEL | M/S WATTEEN |
|-------|---|----------------------|--------------------------|-------------|-------------|
| 1 | MAF Required from the OEM (Manufacturer Authorization Form) for this RFP (The MAF is required for Network, Security, & SAN Solutions). | 25 | 20 | 25 | 20 |
| 2 | Company Must be ISO 9001 certified | 05 | 00 | 05 | 00 |
| 3 | 100% Technical Compliance Quoted Solution | 10 | 10 | 10 | 10 |
| 4 | Past Experience in minimum 5 similar projects (Please attach copies) preferable in education sector. | 05 | 05 | 03 | 05 |
| | Other Clauses: | | | | |
| 1 | Manufacturer must have local presence in Pakistan and have local warehouse. | 05 | 05 | 05 | 05 |
| 2 | At least 3 Certified Engineers in Network Infrastructure Services, CCNA/ CCNP/ CCDA (attached Copies) and At least 3 Certified Engineer in Passive from Principle. | 05 | 05 | 05 | 05 |
| 3 | Annual Turn Over should be at least 200M or above in last three years (Attach copies). | 05 | 05 | 05 | 05 |
| 4 | The Company must be registered with Sales Tax, Income Tax & Sindh Revenue Board departments and should be active tax payer. GST, SRB and NTN must be registered with the name of the firm not with individuals. | 20 | 15 | 20 | 20 |
| 5 | Tax returns of last 3 years. | 10 | 10 | 10 | 10 |
| 6 | The Company must have at least 4 offices in Pakistan. (provide contact address) | 05 | 04 | 04 | 04 |
| 7 | Scope of Work & Project implementation plan | 05 | 00 | 05 | 05 |
| | Note: Minimum Qualification is 75 out of 100 points. | 100 | 79 | 97 | 89 |


Prof. Dr. Lachhman Das Dhomeja,
Director, IICT / Convener


Ms. Shazia Abbasi
Assistant Professor, IICT / Member


Dr. Khalil-ur-Rehman Khoumbati
Professor, IICT & Member


Dr. Kamran Brohi
Web Administrator / Member


Mr. Muhammad Aslam Kumbhar
Assistant Professor, IICT / Member


Mr. Saqib Hussain Baloch
Support Engineer, L.U.M.H.S / Member


Mr. Naeem Ahmed Bhutto
Deputy Director Systems, HEC / Member



UNIVERSITY OF SINDH, JAMSHORO

OFFICE OF THE DIRECTOR PROCUREMENT



No. DP/ 1203
Date: 29/4/2016

To
Dr. Lachhman Das Dhomeja
Director, IICT / Convenor, Technical Committee
for Maintenance, up-gradation
and extension of Internet, Campus-Wide Network
University of Sindh, Jamshoro

Subject: Evaluate Technical Proposals of Tender submitted by Vendors for up-gradation and extension of Internet, Campus-Wide Network and its Extension for University of Sindh, Jamshoro

Dear Sir,

With reference to the opening of Tender on dated 28.4.2016, I am sending herewith the Technical Proposal of Tender submitted by the following vendors for up-gradation and extension of Internet, Campus-Wide Network and its Extension for University of Sindh, Jamshoro

| S.# | Name of Work / Firms |
|-----|--|
| 01. | A:- Network Active and Passive Equipment. ✓ 1. M/s Silicon Technologies, Karachi ✓ 2. M/s Commtel, Karachi 3. M/s Wateen Solution Pvt. Ltd., Karachi |

| S.# | Name of Work / Firms |
|-----|--|
| 01. | B:- Data Center and Power Work. ✓ 1. M/s Silicon Technologies, Karachi 2. M/s Primer Systems Pvt. Ltd., Karachi 3. M/s Jaffer Brothers Pvt. Ltd., Karachi ✓ 4. M/s Commtel, Karachi |

Please evaluate the technical proposals and send the report dully signed by the technical committee for further process the opening of financial proposals according to SPPRA Rules 2010 (Amended 2013).

Your cooperation in this regard will be highly appreciated.

Yours Faithfully,

Muhammad mashooque Siddiqui
Director Procurement
University of Sindh
Jamshoro

c.c: The Convenor, Procurement Committee, University of Sindh, Jamshoro
The Director Finance, University of Sindh, Jamshoro
The Secretary to Vice-Chancellor, University of Sindh, Jamshoro

29/4/2016

روزنامہ جنگ کراچی جمعرات 7 اپریل 2016ء



انکم ٹیکنیکل ٹیمیں اور سندھ یونیورسٹی سے جڑواں ٹیمیں رکھنے والے آئی ٹی سے وابستہ سٹارٹ اپ کنٹریکٹرز/انجینئرز/فری لانسرز جیسی بھی گورنمنٹ ایسی گورنمنٹ ادارے نے بلکہ لسٹ نہ کیا ہوئے پختورٹی آف سندھ، جاسٹس اور شہر میں ٹیکنیکی بنیاد پر انٹرنیٹ کی توسیع اور آپریشن، مکمل ٹیمیں سیٹ ورک اور آفس کی توسیع کے درج ذیل دو بارہ کیلئے تین ترین ایس بی پی آئی آر سے 2010 کے مطابق ایک مرحلہ دو لغاتی طرز پر کارپوریٹ سہمہ ریٹیز پر مشروط ہیں۔ اس بات کا خیال رہے کہ ٹیکنیکل اور فنانشل پروپوزل علیحدہ علیحدہ فارم میں جن پر ٹیکنیکل اور فنانشل پروپوزل واضح طور پر درج ہو جمع کروائے جائیں۔

| نمبر شمار | کام کا نام | زیر پیمانہ | مہل کی تکمیل | میںڈر فیس |
|-----------|---------------------------------|------------|--------------|----------------------|
| 1. | A: نیٹ ورک ایکٹو اور پی سی آلات | 2% | 04 ماہ | 3000/- پاکستانی روپے |
| 2. | B: ڈیٹا سینٹر اور ہارڈ ورک | | | |

ٹینڈر کی کارروائی کا شیڈول درج ذیل ہے:

| مقام | نیشنل کونسل کی تاریخ / وقت | ٹینڈر |
|--|--------------------------------|---|
| کینٹی روم واقع پانک انڈیا ٹیو پلنٹ سٹل، یونیورسٹی آف سندھ، جامشورو | 28 اپریل 2016ء دوپہر 12:00 بجے | ٹینڈر دستاویزات کا اجرا 11 اپریل 2016ء 12:00 بجے تک ہوگا ٹینڈرز 28 اپریل 2016ء صبح 11:00 بجے ڈائریکٹر پروکيورمنٹ کے آفس میں جمع کیے جائیں گے |

ٹینڈر دستاویزات ڈائریکٹر پروکیورمنٹ کے دفتر واقع کدو، لاہور، 5-اے، وائس چانسلر روڈ، یونیورسٹی آف سندھ سے ہر ایک کیلئے 3000/- روپے کے شکل پر آرڈر بکام کاؤٹ نمبر 1-CD، یونیورسٹی آف سندھ، جامشورو (بقابلی واپسی) کی ادائیگی کے عوض حاصل کی جاسکتی ہیں۔ صرف ٹھیکہ کی کوٹ لینڈ ایڈمنسٹریشن کے کنٹریکٹ پر پوزل کوئے جائیں گے جن کا ریڈر کیلئے پروپوزل پر پوزل کوئے کی تاریخ اور وقت سے مطلع کروا جائے گا۔ کوٹ لگانے کیلئے دے والے یونیورسٹی آف سندھ کے کنٹریکٹ پر پوزل کوئے کے بغیر انھیں واپس کر دیے جائیں گے۔ شرائط و ضوابط کی تفصیلات ٹینڈر فارم میں درج ہیں۔

ڈیپریز کو پیش کردہ لاگت کا 2% بولی ضمانت بشکل پے آرڈر / بینک ڈرافٹ یا نام یونیورسٹی آف سندھ پیش کرنا ہوگا۔ ناکامی کی صورت میں فیئر دستاویزات پر غور نہیں کیا جائے گا۔

فیضانِ جمع کروانے اٹھنے کی تاریخ اور وقت پر نامساعد حالات یا حکومت کی جانب سے قلعہ کا اعلان ہونے کی صورت میں میٹرز رازِ مغل کے کام والے دن اُسی وقت اور مقام پر جمع کئے اٹھوے جائیں گے۔

یونیورسٹی اتھارٹیز (پریکوریٹنگ ایجنسی) SPPRA رولز کی متعلقہ دفعات کے مطابق تمام یا کسی بھی پیشکش کو مسترد کر سکتی ہیں۔

انجینئر محمد ایم ایچ صدیقی

ڈائریکٹر پروکیورمنٹ، یونیورسٹی آف سندھ، جامشورو

Telephone: 022-9213224 - 022-9213181-9 Ext: 2029

PID(H) 97021/16



UNIVERSITY OF SINDH

DIRECTOR PROCUREMENT



تینڊر نوٽيس

انڪر ٽيڪس، سيلز ٽيڪس ۽ سنڌ يونيورسٽي بورڊ سان رجسٽرڊ دلچسپي رکندڙ آءِ ٽي سان لاڳاپيل سيلائيز / ڪانسٽرڪٽرز / ڪمپنيوز / فرمن جن کي ڪنهن به گورنمينٽ / سيمپل گورنمينٽ اداري بليڪ لسٽ نه ڪيو هجي. کان يونيورسٽي آف سنڌ، جامشورو ۾ ترڪشي بنياد تي انٽرنيٽ جي توسيع لاءِ اپگرديشن مڪمل ڪمپيس نيٽ ورڪ ۽ ان جي توسيع جي هيٺ ڄاڻايل بن معاملن لاءِ نازي ايس ايس پي آر اي رولز 2010 موجب هر هڪ مرحلو به لغاتو طريقاڪار تي مهربند تينڊر گهريل آهن ان ڳالهه جو خيال رهي ته ٽيڪنيڪل ۽ فنانشل پروپوزل ڌار ڌار بن لغاتن ۾ جن تي ٽيڪنيڪل، فنانشل پروپوزل واضح طور تي لکيل هجي. جمع ڪرايا وڃن

| س نمبر | ڪم جو نالو | سوڻي رقم | مندر | تینڊر في |
|--------|------------------------------|----------|----------|-----------------------|
| 1. | A: نيٽ ورڪ ايڪٽو ۽ پيسو آلات | 02% | 04 مهينا | 3000 / پاڪستاني روپيا |
| 2. | B: ڊيٽا سينٽر ۽ پاور ورڪ | | | |

تینڊر جي ڪارروائي جو تینڊر ٻيل هيٺ ڏجي ٿو:

| تینڊر ٻيل | تینڊر کولج جي تاريخ / وقت | هنڌ |
|---|--------------------------------|---|
| تینڊر دستاويز 11 اپريل کان 27 اپريل 2016 صبح 9:00 کان منجهند 3:00 وڳي تائين جاري ڪيا ويندا. | 28 اپريل 2016 منجهند 12:00 وڳي | ڪمپني روم واقع پلاننگ اينڊ ڊولپمينٽ سيل يونيورسٽي آف سنڌ، جامشورو |
| تینڊر دستاويز 28 اپريل 2016 صبح 11:00 ڊائريڪٽر پروڪيورمنٽ جي آفيس ۾ جمع ڪرايا ويندا. | | |

تینڊر دستاويز ڊائريڪٽر پروڪيورمنٽ جي آفيس واقع بنگلو نمبر A-5 وائيس چانسلر روم، يونيورسٽي آف سنڌ مان هر هڪ لاءِ 3000 روپيا پي آرڊر جي صورت ۾ نالي اڪائونٽ نمبر CD-1، يونيورسٽي آف سنڌ، جامشورو (نه روڻ جوڳا) ادا ڪرڻ تي حاصل ڪري سگهجن ٿا. صرف ٽيڪنيڪل ڪواليفيٽيڊ اڪ ڏيندڙن جا فنانشل پروپوزل ڪوٺيا ويندا جن کي ليٽر ذريعي پروپوزل کڻڻ جي تاريخ ۽ وقت کان اڳاهه ڪيو ويندو. ڪواليفيٽي نه ڪندڙ واک ڏيندڙن جا فنانشل پروپوزلز / بلز کولڻ کانسواءِ کين واپس ڪيا ويندا. شرط ۽ شروطن جا تفصيل تینڊر فارم ۾ ڄاڻايل آهن. ڊيلرز کي اڄ ڪيل لاڳت جو 2 سيڪڙو واک ضمانت پي آرڊر بينڪ ڊرافٽ جي صورت ۾ يونيورسٽي آف سنڌ جي نالي پيش ڪرڻو پوندو ناکامي جي صورت ۾ تینڊر دستاويزن تي غور نه ڪيو ويندو. تینڊر جمع ڪرائڻ / کولڻ جي تاريخ ۽ وقت تي اثر حالتن يا حڪومت پاران موڪل جي اعلان جي صورت ۾ تینڊر ايندڙ ڪم واري ڏينهن ساڳئي وقت ۽ هنڌ تي جمع ڪرائي / ڪوٺيا ويندا. يونيورسٽي اٿارٽي پروڪيورنگ ايجنسي ايس پي آر اي رولز جي شقن تحت سمورين يا ڪنهن به آڇ کي رد ڪري سگهي ٿي.

انجنيئر محمد امير ايڇ صديقي
ڊائريڪٽر پروڪيورمنٽ، يونيورسٽي آف سنڌ، جامشورو

DAWN SATURDAY APRIL 9, 2016



UNIVERSITY OF SINDH
DIRECTOR PROCUREMENT



TENDER NOTICE

Sealed tenders are invited through single stage two envelopes procedure according to SPPRA rules 2010 up to date for the following two works on turnkey basis for up-gradation and extension of Internet, Campus-Wide Network and its extension for University of Sindh, Jamshoro from the interested IT related suppliers/contractors/companies/firms registered with Income Tax, Sales Tax and Sindh Revenue Board and should not be black listed in any Government/Semi Government organizations. It is also advised that please submit separate envelopes for each dully marked with Technical and Financial proposal.

| S. No. | Name of Work | Earnest Money | Period of Completion | Tender Fee |
|--------|--|---------------|----------------------|----------------|
| 1. | A: Network Active and Passive Equipment. | 2% | 4 Months | PKR Rs. 3000/- |
| 2. | B: Data Center and Power Work. | | | |

The schedule of tender process is as under:

| Schedule | Tender Opening Date/Time | Venue |
|---|---------------------------|--|
| Tender Document issued from April 11, 2016 to April 27, 2016 from 9:00am to 03:00pm | April 28, 2016 at 12:00pm | Committee Room at Planning and Development Cell, University of Sindh, Jamshoro |
| Tender submission back up to April 28, 2016 at 11:00am at Director Procurement Office | | |

The tender document can be had from the office of the Director Procurement, Bungalow No. A-5; Vice-Chancellor's Road, University of Sindh at the cost of Rs. 3000/- each in shape of pay order of Account No. CD-1 University of Sindh, Jamshoro (Non-refundable). The financial proposals will be opened only of the technically qualified bidders who will be conveyed through letters about date and time of opening. The financial proposal/bid of unqualified bidders will be returned unopened to them. Details of terms and condition are given in the tender form.

Dealers will have to produce Bid Security 2% of the offered bid in the shape of Pay Order/Bank Draft in the name of University of Sindh, failing which the tender document will not be entertained.

In case of unavoidable circumstances on submission/opening date & time or if Government declares holiday the tender shall be submitted/opened on the next working day at the same time & venue.

The University authorities (procuring agency) may reject all or any bid subject to the relevant provisions of SPPRA Rules.

Engr. Muhammad m. H Siddiqui
Director Procurement
University of Sindh, Jamshoro

Telephone: 022-9213224 - 022-9213181-9 Ext: 2029

FIDH: 9702116