

MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, SHAHEED Z.A. BHUTTO CAMPUS, KHAIRPUR MIR'S

BID EVALUATION REPORT

OF TENDER

Establishment of Voice & Data Network,

Establishment of Data Centre & PC Labs and

Establishment of Video Conference

on Turnkey basis.

Bid Evaluation Report

1. Name of Procuring Agency: Mehran University of Engineering & Technology,

Shaheed Z. A. Bhutto Campus, Khairpur Mir's.

2. Tender Reference No: NIT NO: PID (H) 63/2015 DATED 12-2-2015

SPPRA Web SERIAL NO. # 22762

3. Tender Description/Name of work/item:

Establishment of Voice & Data Network, Establishment of Data Centre & PC Labs and

Establishment of Video Conference on

Turnkey basis.

4. Method of Procurement: As per SPPRA Rules Single Stage Two Envelope Procedure

5. Tender Published: Following daily newspapers.

Daily Jang (Urdu) 12th Feb 2015 Daily Sindh Express (Sindhi) 12 Feb-2015 Daily Dawn (English) 14th Feb 2015

6. Total Bid documents Sold; 09 Bids

7. Total Bids Received: 03 Bids

8. No. of Bid technically qualified (if applicable): 03.

9. Bid(s) Rejected: N/A

10. Bid Opening date: Bids were opened on 06-March-2015 @ 12.30pm

11. Comparative statement: Attached on from Page No. 29

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Wagas Ahmed Channa Assistant Director Finance Member

> Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member

I/C Chairman

Concerned Department

Member

District Forest Officer Khairpur Mir's External Member

MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, SHAHEED Z.A. BHUTTO CAMPUS, KHAIRPUR MIR'S

TABLE OF CONTENTS

S #	Description	Annexure	Page #
1	Introduction	-	4
2	Notifications for Appointment of Procurement Committee	A	6
3	Advertisements	В	7
4	Total List of Bidders Who Purchased Tenders	С	11
5	Attendance Sheets	D	12
6	Bid Evaluation Criteria	Е	14
7	Bid Evaluation Results	F	18
8	Comparative Statement & Sum of Amount offered for whole Bid on Trunkey basis	G	29
9	Technical Score	Н	44
10	Financial Score	I	45
11	Concluding Results and Recommendations	J	46

MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, SHAHEED Z.A. BHUTTO CAMPUS, KHAIRPUR MIR'S

INTRODUCTION

Mehran University of Engineering & Technology Shaheed Z. A. Bhutto Campus Khairpur Mir's invited sealed bids from interested firms for Expansion of Voice & Data Network, Surveillance Security, Establishment of Data Centre, PC Labs and Video Conference facility on turnkey basis. The Proposals were invited on TRUNKEY BAIS, so that the conformity, similarity and resemblance of items / services could be aligned in a way to ensure smooth functionality of existing network and newly procured material and services by avoiding conflict of Interest among different bidders to the extent of "after-sale-support"

The procurement committee was notified in the light of SPP Rule No. 7 under the permission of worthy Vice Chancellor of Mehran University of Engineering & Technology, Jamshoro and was notified by Assistant Registrar (Establishment) vide Notification No. MUET/SZAB-C/KHP/AR(Estt:)/1001 Dated 31-12-2014 comprising of 07 officers Headed by Project Director for making recommendations for the award of contract for Establishment of Voice & Data Network, Establishment of Data Centre & PC Labs and Establishment of Video Conference on Turnkey basis (copy of Notification is attached as ANNEXURE-A)

Bids were invited through advertisement in widely circulated daily newspapers for Establishment of Voice & Data Network, Establishment of Data Centre & PC Labs and Establishment of Video Conference on Turnkey basis. Here is the details of newspapers:

1)	Daily Jang	(Urdu)	12th	Feb	2014
2)	Daily Sindh Express	(Sindhi)	12th	Feb-	2014
3)	Daily Dawn	(English)	14th	Feb	2014
4)	SPPRA website under Sr. No	. 22762	12th	Feb-	2014

Copies of advertisements are attached here with as ANNEX-B

1) In all 09 Nos, of bids were purchased by interested parties/suppliers. Theirs names are mentioned at ANNEX-C.

2) 03 Bidders participated in tendering process and submitted their offers on 6th March

2015 at 12 Noon in the Committee Room of Pro-Vice Chancellor of Mehran University

of Engineering & Technology Shaheed Z. A. Bhutto Campus Khairpur Mir's whereas 06

bidder did not participated. The Technical proposals were opened in the presence of

Procurement Committee members and the representatives of bidding firms. Attendance

sheet of the contractors and Committee Members attached as ANNEX-D.

3) The evaluation has been done on the basis of bid evaluation criteria which was prepared

in the light of SPPRA Rules 2010 (amended in 2013), the Guidelines by SPPRA, World

Bank's Guidelines for Procurement of Goods, Works & Services and the guidelines by

International Chamber of Commerce as specified in the BDS. The Bid document giving

instruction to the interested bidding firms to prepare their proposals in the light of given

criteria so that the fair and transparent competition of "apple vs apple" could be ensured.

The purpose of the evaluation criteria is to evaluate, measure & assess the stature of

bidding firms and their offers to safeguard the interest of procuring agency and public

money, by filtering best of the best suppliers to have a very healthy competition among

the firms. Such evaluation criteria was mentioned in the Bid document and is also

attached here as ANNEX-E.

4) Results ANNEX-F

Naveed Ali Brohi
Asistant Engineer(Electrical)
MUET SZAB Campus
Secretary / Member

Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's Mr. Wagas Ahmed Channa Assistant Director Finance Member

> Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member

I/C Chairman/sectional Head Concerned Department Member

District Forest Officer Khairpur Mir's External Member

1) in



MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, SHAHEED ZULFIQAR ALI BHUTTO, CAMPUS KHAIRPUR MIR'S

No.MUET/SZAB-C/KHP/AR(Estt:)/1001 Dated: 31-12-2014

NOTIFICATION

Consequent upon the acceptance of resignation of Mr. Hussain Bux Shaikh, Project Director, MUET, Shaheed Zulfiquar Ali Bhutto Campus Khairpur Mir's w.e.f 29-12-2014 and to assign Mr. Sajjad Hussain S/o Zahid Hussain Memon an additional charge of Project Director, MUET, Shaheed Zulfiquar Ali Bhutto Campus Khairpur Mir's in addition to his own duties as Executive Engineer on w.e.f 29-12-2014 (A.N) by competent authority and as notified by the Registrar, MUET, Jamshoro vide Notification No. Estt:(Teach:)2203 of 2014, dated: 29-12-2014, the Procurement Committee constituted vide this office notification no. MUET/ZSAB-C/KHP/AR(Estt:)/802, dated 15-10-2014 for the procurement of Furniture/Fixture/Works/ Goods for various buildings of MUET, Shaheed Zulfiquar Ali Bhutto Campus Khairpur Mir's has been re-constituted by Pro-Vice Chancellor, MUET, Shaheed Zulfiquar Ali Bhutto Campus Khairpur Mir's comprising of the following.

1.	Engr. Sajjad Hussain Memon
	In-charge Project Director

Convener

2. Engr. Sajjad Hussain Talpur Principal, PTTI/ GCT, Khairpur Mir's External Member

3. I/c Chairman of concerned Department

Member

4. Mr. Riaz Ahmed Arain
Associate Professor GTC Khairpur Mir's

External Member

5. District Forest Officer Khairpur Mir's

External Member

 Mr. Waqas Ali Channa Assistant Director Finance, MUET, SZAB, Khairpur Mir's Member

7. Engr. Naveed Ali Brohi Assistant Engineer (Electrical) MUET, SZAB, Khairpur Mir's Secretary / Member

The terms of reference (TOR's) Committee.

- I. Preparing Bidding Documents
- II. Carrying out technical as well as financial evaluation of the bids.
- III. Preparing evaluation report as provided in Rule 45.
- Making recommendations for the award of contract to the Competent Authority.
- V. Perform any other function ancillary and incident to the above.

Assistant Registrar (Estt:)



DAWN SATURDAY FEBRUARY 14, 2015



Mehran University of Engineering & Technology, Shaheed Zulfigar Ali Bhutto Campus, Khairpur Mir's

NOTICE INVITING BIDS/TENDERS

Mehran University of Engineering & Technology Shaheed Z. A. Bhutto Campus, invites sealed bids from interested firms who are experienced and capable for expansion of existing Voice & Data Network, Establishment of Data Centre, PC Labs and Video Conference facility on turnkey basis. The work is to be completed within 15 weeks from the date of award of contract. The proposals are invited under SPPRA Rules for the works as mentioned below:

S#	Description	Bill of Quantities & Drawings	Last date of Purchase of Bids	Date & Time of Submission and Opening of Bids	Bidding Document Purchase Price	Earnest Money/ Bid Security
01	Expansion of existing Voice & Data Network, Establishment of Data Centre, PC Labs and Video Conference facility	in Bidding Documents	purchased from the date of publication of Tender till March 05, 2015 during	Sealed Bids should be dropped in the Tender Box on March 06, 2015 at 12:00pm and same will be opened in presence of Bidders at 12:30pm in the Committee Room	Rs. 3000/-	2% of Bid Cost

Terms & Conditions

- 1. A complete set of Bidding Documents may be purchased by the interested eligible bidders on submission of a written application to Project Director MUET, Z.A. Bhutto Campus Khairpur Mir's along with Tender Fee Rs. 3,000.00/-(Rupees Three Thousand only) on any working day from 10:00am to 02:00pm from the date of publication of this tender till Feb 28, 2015 or same can be downloaded from the website of SPPRA as well as from the website of MUET, Jamshoro. Bidders who intend to download Bid Documents from websites can send their applications along with Tender Fee (in shape of Pay Order) through Courier which shall be received three days prior to the date of opening of Bids (if such applications are not received their Bids will not be accepted/allowed/entertained to participate). Such application should reach to the Project Director, MUET, Z. A. Bhutto Campus, Khairpur Mir's.
- A pre-bidding meeting will be held with the bidders on March 02, 2015 at 2:00pm in the office of Pro-Vice Chancellor MUET, Z.A. Bhutto Campus Khairpur Mir's for clarifications regarding TORs and BOQ and or anything else related to Bidding process or Specifications.
- All bids must be accompanied by a Bid Security equal to 2% of their Financial Proposals. Bids without Earnest Money will not be entertained. Earnest Money should be valid 28 days after validity of Bid.
- 4. Bids must be dropped in the tender box kept in the office of Project Director, MUET, SZAB Campus Khairpur Mir's on March 06, 2015 at 12:00pm. On same day the bids will be opened at 12:30pm in presence of representative of Bidders who choose to attend and the members of procurement committee.
- Conditional Bids, submitted through fax, email, telegraph, not accompanied with bid security, Bids received after the specified date and time and the Bids submitted by the blacklisted firms will be rejected.
- MUET, Shaheed Z.A. Bhutto Campus Khairpur Mir's reserves the right to reject all or any bid(s) subject to the relevant provisions of Sindh Public Procurement Rules 2010 as amended in 2013.

PROJECT DIRECTOR

MUET, Shaheed Z.A Bhutto Campus Khairpur Mir's

Phone # 0243-9280314





مېران يونيورسڻي آف انمينئرنگ ايندڻيکنالومي، شېيد ذو الفقار على جهڻو کيمپس، فيرپورميرس

مهران يو نيورځي آف انجينئر ڪ ايند ئيکنالو تي شبيد ذ والفقار علي ميشو کيمپيس کو دليجي ر کيند والفر مع سے موجود ووائس ايند ۋيانسيك ورک کي توسيعي ، ۋينامينز ، لي کاليز اور و په يو کافر فيسيکڻ کے قيام کيليخ ٹرن کی بنیاد پر بربمبر پولیاں طلب میں فرمز کا تج ہے کاراور غدکور وہالا اُمور کے قابل ہونا ضروری ہے۔ کام منٹر یک حاصل کرنے کی تاریخ ہے 15 ہفتوں کے اندیکٹل ہوجانا جا ہے۔ درج ذیل اُمور کیلئے پر و پُوزلز ايس پي پي آرائ ولز ڪتحت مطلوب ہيں۔

زربیعانه/ بولی ضانت	بولی دستاویز کی خربیداری کی قبت	بولیاں جع کروانے اور تھلنے کی تاریخ ووقت	بولیوں کی خربداری کی آخری تاریخ	کوانشفیز اور ڈراننگر کابل	تنصيل	نمبرشحار
بولی لاگت کا 2%	3000/- روپ	سرتمبر يوليال 100 دخ 2015 وكود د پير 12 بينج شيندُ ريکس ميل اوز ما ڏال دی جا کين جيمين آمی روز يولی و جندگان کی موجودگی مين رويېر 12:30 پر کمينئي روم مين کولا جا سيگا	پولیاں ٹینڈر کی اشاعت سے 05 مارچ 2015 متک وفتر کی اوقات کار کے دوران حاصل کی جائتی ہیں	درج ہے	موجوده دائس اینڈ ڈیٹا نیٹ ورک کی توسیق ، ڈیٹا سینٹر ، پی می لیمز اورویڈ اوکا نفرنس فیسیلٹی کے قیام	01

- و کنچی رکھنے والے اٹل بولی د ہندگان بولی دستاویز استا کاتمل میشرا میشد 🗀 3000 (تقین بزار)رو بیا نینبز رفیس کے جمراہ تحریجی درخواست بنام پر وجیکٹ ڈائر کیکٹر معمران یو نیورٹی آف اُنجینئز کالیا بیٹرنز کالیا این انجینئز کالیا این کا شہید ذوالفقار علی بھٹے میں، خیریورمیرں اسٹینڈر کی اشاعت ہے 28فروری 2015ء تک تن بھی کام والے دن میں 10:00 بیجے ہے دوپیر 02:00 بیجے تک ججع کروا کر حاصل کر سکتے ہیں یا انھیں الیس کی کی آراے کی ویب سمائٹ کے ساتھ سماتھ مہران یو نیورٹی آف انجینئر تگ اینڈ ٹیکا لوبٹی ، جامشور و کی ویب سمائٹ بے بھی ڈاؤن لوڈ کیا جاسکتا ہے۔ وویو کی وہندگان جو یو کی وستاویزات س ہے ڈاؤن اوڈ کرنے کا ادادہ رکھتے ہوں وہ اپنی ورخواشیں ٹینڈ رفیس (بشکل نے آرڈر) کے بعمراہ یذیر پیکوریئز جمیں ارسال کرسکتے ہیں جو پولیاں کھکنے کی تاریخ نے 03 روڈ قبل لاز ماوسول ہو جانی جائیس (اگر درخواستیں دصول نہیں ، وکمیں تو اُن کی بولیاں قبول/ شامل نہیں کی جا کمیں گی/ اُن پرشرکت کیلیےغورنہیں کیا جائے گا ﴾۔ درخواستیں پر دہیک ڈائر بکٹر ،میران یو نبورٹی آف انجیئئر نگ ایڈ نیکنالڈ می ،
- بولى د بندگان كرماته يولى يرقي ايك اجلاس 00 مارچ 2015 كودو بير 02:00 بجيرو-واكس جاسلر،مهران يونيوري آف انجيئز گك بيند ئيكنالوري،شهيد ذوالفقار على بينوكيميس، فيريورميرس كد دختر مين TROs اورBOQاور بابولی کے عمل ہے متعلق کسی اور چیز باتفصیل کی وضاحت کے سلسلے میں منعقد ہوگا۔
- 3. تمام پولیوں کے تعرادان کے فافش پروپوزٹر کے 2% کے ہم ایر بولی شانت مسلک ہوئی جا ہے۔ زر بیعانہ کے بغیر پولیوں پرغورٹیس کیا جائے گا۔ زر بیعانہ بولی کی میعاد کے بعد 28 دن تک کارآمد دہنا جا ہے۔ 4. بوليال يروجيك ذائر يكثر مهران يو ينوركي آف أميينئر شك ايند تيكنالوتي شهيدة والفقار على بمثويسيس، خير يورميرس كـ وفتر مين موجود بنينة ربكس مين 106 رجي 2015 مودودي 12:00 بيكاك ذال وي جے اُسی دن دو بہر 12:30 بے کنٹر کیٹرز/ وہاں موجود بنے کے خواہشند نمائندوں کی موجود گی میں کھولا جائے گا۔
- مشروط کیکس، ایک شمل، نیکی گراف کے ذریعے تنو کروائی جانے والی انجیز زیبیا ندوالی مشرّرہ تاریخ پاہت کر وجانے کے احدومول ہونے والی اور بلیک لیلڈ فرمز کی جانب ہے جمع کروائی جانے الی اولیال
- مهران بوغورتی آف انجیئز نگ اینڈ کیٹنالو کی شہید و الفقار کل بینوکٹیوس، نیر پور بیرس کونتی حاصل ہے کہ دوئکی ایک یا تنام پولیوں کوسند در پیکٹ پر دیکور منٹ زلز 2010 و میں ترقیم کی کئیں متعلقہ و فعات کے مطابق مستر و کرد ہے۔ ب وجیکٹڈائریکٹر

ى. مېران بو نيورځي آف انجينئر نگ ايند ئيکنالو چي ، شهبيد ؤ والفقار علي بحثو کيميس، څير پورميرس

فون نمبر: 0243-9280314





مهراط يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي, شهيد ذوالفقار علي ڀٽو ڪيمپس, خيرپور ميرس

بوليون/ٽينڊرز گھربل آھن

مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي. شهيد ذوالفقار علي ڀٽر ڪميپس کي دلجسپي رکڻ واري فرمز کان موجوده وائس اينڊ ڊيٽا نيٽ ورڪ جي توسيع. ڊيٽا سينٽر. پي سي ليبز ۽ ويڊيو ڪانفرنس فيسلٽي جي قيام لاءِ ٽرن جي بنياد تي مهربند ٻوليون گهربل آهن فرمز جو تجربي ڪار ۽ مٿي ڄاڻايل امور جي قابل هجڻ ضروري آهي. ڪر ڪنٽريڪٽ حاصل ڪڻ جي تاريخ کان 15 هفتن جي اندر مڪمل ٿي وڃي. هيٺ ڄاڻايل امور جا پروپوزلز ايس پي پي آر اي رولز جي تحت گهربل آهن

سوٿي رقع / ٻولي ضمانت	ٻولي دستاويز جي خريداري جي قيمت		ٻولين جي خريداري جي آخري تاريخ	ڪوانٽٽيز ۽ ڊرائنگز جو بل	تغصيل	شمارو نمبر
ٻولي لاڳت جو 2%		مهربند ٻوليون 60 مارچ 2015 تي منجهند 12 وڳي ٽينڊر باڪس ۾ لازمي وڌيون وڃن جن کي ان ڏينهن ٻولي ڏيندڙن جي موجودگي ۾ منجهند 12:30 وڳي تي ڪاميٽي روم ۾ کوليو ويندو	ٻوليون ٽينڊر جي اشاعت کان 05 مارچ 2015 تائين آفيس وقت درران حاصل ڪري سگهجن ٿيون	ٻولي دستاويزن ۾ درج آهي	موجوده وائس اينډ ډيٽا نيٽ ورك جي توسيع، ڊيٽا سينٽر، پي سي ليبز ۽ ويڊيو كانفرنس فيسلٽي جو قيام	

شرطون ۽ ضابطا

کرایل بولیون رد کیون ویندیون

1. دلجسپي رکندڙ اهل بولي ڏيندڙ بولي دستاريزات جو مڪمل سيت -/3000 (تي هزار) رپيا ٽينڊر فيس سان گڏ تحريري درخواست پروجيڪت ڊائريڪٽر، مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ تيڪنالوجي، شهيد ذوالفقار علي ڀتو ڪيمپس، خيريور ميرس جي نالي تي هن تينڊر جي اشاعت کان 28 فيبروري 2015 تائين ڪنهن بہ ڪر واري ڏينهن صبح 10:00 وڳي تائين جمع ڪرائي حاصل ڪي سگهن ٿا يا انهن کي ايس بي بي آر اي جي ويب سائيت سان گڏوگڏ مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي، ڄامشورو جي ويب سائيت تان ڊائرن لوڍ ڪرڻ جو ارادر رکندا هجن اهي پنهنجون درخواستون ڄامشورو جي ويب سائيت تان بہ ڊائرن لوڍ ڪري سگهجي ٿو اهي ٻولي ڏيندڙ جيڪي ٻوليون ويب سائيٽس تان ڊائرن لوڍ ڪرڻ جو ارادر رکندا هجن اهي پنهنجون درخواستون تين آرڊر جي صورت ۾) سان گڏ ڪوريئر ذريعي اسان کي موڪلي سگهن ٿا جيڪي ٻوليون کلڻ جي تاريخ کان 30 ڏينهن پهريان لازمي وصول ٿي وڃڻ گهرجن (جيڪڏهن درخواستون پروجيڪٽ ڊائريڪٽر مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ تيٺواستون پروجيڪٽ ڊائريڪٽر مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي، شهيد ذوالفقار علي ڀٽر ڪيمس، خيريور ميرس جي نالي هڻڻ گهرجن.

2. ٻولي ڏيندڙن سان ٻولي کان پهريان هڪ اجلاس 02 مارچ 2015 تي منجهند 2:00 وڳي تي و-وائس چانسلر مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي. شهيد ذوالفقار علي ڀٽو ڪيمپس. خيرپور ميرس جي آئيس ۾ منعقد ٿيندو

3. سمورين ٻولين سان گڏ انهن جي فنانشل پروپوزلز جي %2 جي برابر ٻولي ضمانت منسلڪ ٿيڻ گهرجي. سوڻي رقر کانسواءِ ٻولين تي غور نہ ڪيو ويندر سوڻي رقر ٻولي جي ميعاد کانپوء28 ڏينهن تائين ڪارائتي رهڻ گهرجي

4. ٻوليون پروجيڪت ڊائريڪٽر مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي. شهيد ذوالفقار علي ڀٽو ڪيمپس. خيرپور ميرس جي آفيس ۾ موجود ٽينڊر باڪس ۾ 60 مارچ 2015 تي منجهند 12:00 وڳي تائين وجهي ڇڏيو جن کي ان ڏينهن منجهند 12:30 وڳي ڪنٽريڪٽرز/اتي موجود رهڻ جي خواهشمند نمائندن جي موجودگي ۾ کوليو ويندو 5. شرطيہ. فيڪس، اي ميل، ٽيلي گراف جي ذريعي جمع ڪرايل بغير سوئي رقم واريون، مقرر تاريخ يا وقت گذري وڃڻ کانپوء وصول ٿيندڙ ۽ بليڪ لسٽڊ فرمز جي طرفان جمع

6. مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي، شهيد ذوالنقار علي ڀٽو ڪيمپس، خيرپور ميرس کي حق حاصل آهي ته هو ڪنهن يا سيني ٻولين کي سنڌ پبلڪ پروڪيورمنٽ رولز2010 جي 2013 ۾ ترميم ڪيل لاڳاپيل دفعات جي مطابق رد ڪري ڇڏي

پروجيڪٽ ڊائريڪٽر

مهراڻ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالوجي،شهيد ذوالفقار علي ڀٽو ڪيمپس، خيرپور ميرس

فون نمبر: 9280314-0243

ID (H) 000/2015



LIST OF BIDING FIRMS WHO PURCHASED BID DOCUMENTS

S #	BIDDER	Remarks
1	Ideal Distribution Line, Karachi	Participated
2	Commtel, Karachi	Not Participated
3	GCS Karachi	Not Participated
4	Kontinental Establishment Karachi.	Not Participated
5	Khashif Constructor Khairpur	Not Participated
6	Al-Futtaim Pakistan Pvt. Ltd, Karachi.	Not Participated
7	Aventech Karachi	Not Participated
8	SAAP Technologies Karachi	Participated
9	Sixco Solutions Karachi.	Participated

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Waqas Ahmed Channa Assistant Director Finance Member

I/C Chairman/sectional Head Concerned Department Member

Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member District Forest Officer
Khairpur Mir's
External Member

Attendance Sheet of Members of Procurement Committee



MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, SHAHEED Z.A BHUTTO CAMPUS KHAIRPUR MIR'S

ATTENDENT SHEET

NAME OF WORK:- NETWORK ESTABLISHMENT OF DATA CENTER PC LABS AND VIDEO CONFERENCE FACULTY AT MUET, SZAB CAMPUS KHAIRPUR MIR'S

Dated: 06-03-2015 Time: 12:30 P.M

Sr.No.	Name of Representative	Name of Firm/ Departments	Designation	Contact	Signature
1	Engr.Sajjad Hussain Memon	Project Directorate MUET, SZAB Campus Khairpur	Project Director	0302-3111105	Alais
2	Engr. Mir Sajjad Hussain Talpur	PTTI, Khairpur Mir's	Principal	0333-5147140	Surger .
3	Divsional Forest Officer Khairpur	Forest Department	DFO	0300-3138959	
4	Mr. Riaz Ahmed Arain	GTC Khairpur.	Associate Professor	0303-7591475	And had
5	Mr.Waqas Ali Channa	Finance Department MUET, SZAB Campus Khairpur	Assistant Director Finance	0345-2091970	Men
6	Abdul Rasheed Phulpoto	ICPC	System Administrator	0333-7580963	June 6/3//5
7	Mr. Safdar Ali Sahito	Project Directorate MUET, SZAB Campus Khairpur	Office Suptt:	0334-3687556	Que (8/2/15

ATTENDANCE SHEET OF BIDDERS

ATTENDANCE SHEET NAME OF WORK:- NETWORK ESTABLISHMENT OF DATA CENTER PC LABS AND VIDEO CONFERENCE FACULTY AT MUET, SZAB CAMPUS KHAIRPUR MIR'S Tender Open on 06-03-2015 N.I.T No. PD/MUET/KHP/45 Dated:10-02-2015 Signature of Contractor Remarks. Sr.No. Name of Contractor Person / Representstive Bank Guarantee No. Mc B/695/15 M/s Ideal Distribution Line, Karachi Rs. 2,200,000/- or 2 M/s Commtel Karachi M/s GCS, Karachi M/s Kontinental Establishment, 4 Karachi - lo -M/s Kashif Constructor, Khairpur M/s Al-Futtaim Pakistan Pvt. Ltd. - 20 -

Sr.No.	Name of Contractor	Person / Representstive	Phone No.	Signature of Contractor	Remarks.
7	M/s Amtech Karachi	_		_	Not Parlicipali
8	M/s SAAP Technologies Karachi				No. 1057 3464 Deter 250 amounting to Rs. 2050,000/-
9	M/s SØXCO Solutions Karachi				Ne. 6413474 Datel, 04-03-2015 anougle to Rs. 2,000,000/- only-



Bid Evaluation Criteria

- 2.1 Bidding is open for all firms and persons meeting the following requirements. The eligible criteria is prepared in the light of SPPRA Rules 2010 (amended in 2013), the Guidelines by SPPRA, World Bank's Guidelines for Procurement of Goods, Works & Services and the guidelines by International Chamber of Commerce as specified in the BDS. The Bid document giving instruction to the interested bidding firms to prepare their proposals in the light of given criteria so that the fair and transparent competition of "apple vs apple" could be ensured. The purpose of the evaluation criteria is to evaluate, measure & assess the stature of bidding firms and their offers to safeguard the interest of procuring agency and public money, by filtering best of the best suppliers to have a very healthy competition among the firms
 - a) Manufacturers, their agents, authorized dealers those who are having "MAL" (Manufacturer's Authorization Letter) addressed on the name of Project Director MUET Z. A. Bhutto Campus Khairpur Mir's are eligible to participate in the Bidding. MAL is required for major component of Equipment as mentioned in the Schedule of Items. MAL is compulsorily required for Network Equipment, Computer Equipment. For rest items Dealership / Authorization certificates will be accepted. Since this project is purely of a technical nature and will be awarded on turnkey basis however those bidders who are not having MAL will not be considered. 15 marks for MAL. The Manufacturer's Authorization Letter for this project is required to ensure after-sale-support from the Manufacturer and assurance of supply of genuine material.
 - b) Bidders who are experienced and capable to handle such type of projects as mentioned in the Schedule of items / Bill of Quantities, and are technically sound with proven track record are eligible to participate in the bidding process. MUET ZAB will assess the Bidders who are well conversant with MUET ZAB's existing network. will be given 15 Marks. For this purpose bidders are required submit their report(s).

- c) Bidders who are active in Business since last 10 years or more are eligible to participate in the tendering process. Their existence in the business will be assessed from the Registration Certificates issued by FBR. Total 10 marks (1 Mark for per year). The Registration date will be verified from FBR's website & print will be taken as evidence.
- d) Bidders Name & Address will be verified from "Tax Facilitation Portal profile from FBR Website". Bidders are required to submit a printed copy of their "Tax Facilitation Portal profile" from FBR's website. The Bidder's address should be same as mentioned on FBR's "Tax Facilitation Portal profile". Bidders whose address is different than the address as mentioned on "Tax Facilitation Portal profile" will not be eligible for tendering process. The Procurement Committee may/can physically verify Bidder's office address. There are total 15 Marks. (10 Marks will be given if firm's office is situated at the same place as is declared in FBR Portal. No Marks if the Bidding firm's address is at different place from the declared address with FBR. 05 marks if office is owned by the Bidding Firm. 02 Marks if office is owned by its proprietor. 01 marks if the office is on rent). Bidders are required to Provide (Property Lease / Sub lease / Sale Dead /Tenancy Agreement). NO Marks if bidder fails to provide required documents.
- e) Bidders should be registered firms and shall provide NTN Certificate, GST Certificate, SRB Certificate, SECP Certificate, CHAMBER Certificate, Labour Department Registration Certificate. (2 mark per certificate total 10 Marks)
- f) Bidder should have successfully completed minimum 5 projects of such type and the sum of all these projects should be equal or greater value than 50Million. 2 marks for each project (total 10 marks). The bidder should provide photocopies of Job Orders and their completion Certificates with Name and contact numbers of the Organization and person for verification.
- g) Bidders should be Financially Sound and their worthiness should be at least equal to the cost of project. Since the worth of this project is estimated greater than 30 Million. However bidders are required to provide following documents for assessment of their Financial capability:

- 1. Clear and readable attested photocopy of Bank Statements for two years up to 31st December 2014, showing turnover of two years at least 60 Million. (1 mark per Million total 6 marks)
- 2. Five years Annual Income Tax Return 2010 to 2014, showing Annual income Tax paid should be greater than 8.0 Million. (1 mark per Million Tax paid total 8 marks)
- 3. Three years Wealth Statement from 2012 to 2014 of Bidding firm or the proprietor / Partners / Directors of bidding firm, showing wealth nearly 30 Million. (2 marks per 10 million wealth total 6 marks.)
- 4. Three years Sales Tax Returns (Jan 2012 to Dec 2014) Showing Sales turnover at least 80 Million for three years. (1 Mark per 10 Million total 8 marks)
- 5. Bidder should provide Tax Assessment Order / Tax clearance Certificate till June 2013 or 2014. (7 marks)
- h) Bidders should have qualified, skilled and trained staff. The bidding firm should provide details of their qualified staff such as Name, qualification, Designation and responsibility of employee in bidding firm's organization, Mobile Phone Number, email address, and date of employment. Attach employees CVs and copies of CNICs. If the Bidding Firm is Private Limited then the number of employees should be 20, if the Bidding firm is Partnership then the number of employee should be 15, if the Bidding firm is Proprietorship then the number of employees should be 10. (total 10 marks) will be given if Bidder provides required details, and all these should be registered under Labour Law with Sindh Labour Department.
- i) The Bidding firms should either be Proprietorship, Partnership and or Private Limited. 10 Marks if the bidding firm is Private limited (provide attested copy of Memorandum of Articles), 7 marks if the Bidding firm is Partnership firm (provide attested photocopy of partnership dead) and 5 marks if the bidding firm is Proprietorship firm (provide attested copy of CNIC of proprietor.

- j) Bidders technical proposals which are substantially responsive to the requirement of MUET, Z.A. Bhutto Campus Khairpur Mir's will be eligible. 20 Marks will be given to the most responsive offer. Deviation in specifications will be rejected.
- 2.2 Government-owned enterprises in Pakistan may participate only if they are legally and financially autonomous and operate under commercial law, can participate in bidding and meeting the above mentioned requirements.
- 2.3 Bidders under a declaration of ineligibility for corrupt and fraudulent practices issued by any Government (Federal, Provincial or Local) or a public sector organization are NOT ELIGIBLE

The evaluation will be based on "Quality Based Selection Method" as the project is of a highly Technical and Complex nature and the quality is the only factor to be taken into consideration. In the light of SPPRA Rule 49, Technical Bids will be given 80% weight whereas Financial Bids will be given 20% weight. Weight will be calculated under this formula =(100-((Total Marks – Marks Secured)÷Highest Marks x 100))x0.8 and financial bids will be calculated as this = (100-(Quoted Bid-Lowest Bid) ÷Lowest Bid*100)*0.20 The sum of highest scoring firm will be considered as most responsive and lowest evaluated bid.

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Wagas Ahmed Channa Assistant Director Finance Member

I/C Chairman/section
Concerned Department
Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member District Forest Officer
Khairpur Mir's
External Member

Bid Evaluation Result is prepared from the Profiles submitted by the Bidders.

Such profiles are available on Record for verifications of this report

1. IDEAL DISTRIBUTION LINE.

- 1) Manufacturer's Authorization Letter (MAL): The Bidder has provided MAL as required in the Evaluation Criteria, from HP Singapore for (Network items, Servers, & Computers), APC MAL for UPS and Dealership/Authorization Certificate from Mansha Brothers for (EPABS of Panasonic Brand, and Polycom for Video Conference). Bidder acquires 15 marks.
- 2) Bidder's Report for MUET ZAB's Existing Network: The Bidder has submitted Survey Report, Measurement, Layout Plan for expansion of new Network and provided work orders which provide enough evidence for Bidder's capability to handle project professionally. Thus it acquires 15 Marks.
- 3) Number of Years in Business: This firm's INCOME TAX # 1056713-5 is registered at FBR w.e.f 13-April-2000, SALES TAX # 1200850070746 w.e.f 16-Jan-2001. FBR's Verification was done from its Online Verification System (snap shot of FBR's site is cited below) which confirms that this firm is being in business since last 15 years thus it acquire 10 Marks.



4) **Bidder's Name & Address:** As required in the Evaluation Criteria section the Bidder's Name and address is verified from the FBR website and found no change. The Bidder as also provided copy of Lease Documents which confirms that the office is owned by the Bidding Firm. However the Bidder acquires 15 Marks.

5) Registration Certificates: The Bidder provided NTN Certificates vide Registration # 1056713-5, Sales Tax Registration Certificate vide Registration No. 1200850070746, Sindh Revenue Board (SRB) Sales Tax Registration Certificate No. 1056713-5, Chamber of Commerce Registration Certificate vide membership No. 65384 Book No. B-03628 Serial No. B 362776, Labour Department Certificate under Shops Establishment Ordinance 1969 vide Registration No. D-724 dated 5th Nov-2014. Active Tax Payer status is verified from FBR website and found Bidder's Status as 100% Active. Thus acquires 10 Marks.



6) **Relevant Field Experience:** It was required in the Bid Document that the Bidder should provide minimum 5 "**Complex**" assignments of similar nature and the sum of these projects should be of greater value than 50 Million. The Bidder has provided following Supply orders and their completion certificates:-

No.	Procuring Agency	Details of Supply Orders	Total Amount		
1		PD/MUET/KHP/-210	3,848,041.00		
2	Mehran University	P.O. NO. MUET/ AC/197	22,850,000.00		
3		Ref. No. MUET/PS/028/06/13	18,435,000.00		
4	QUEST Nawabshah	QUEST/DF/759	13,831,355.00		
5	SBBU Nawabshah	SBBU/DF/1265	6,180,000.00		
	Value of above mentioned projects is greater than 65 Million				

Acquires 10 marks

7) . Financial Soundness:-

- a. **Bank Statement:** Bidder provided two years Bank Statement up to 31st Dec-2014, which shows turnover more than 91 Million, where as required turnover was 60 Million. However Bidder acquires 6 marks.
- b. **.Annual Income Tax Returns:** Bidder provided 5 years Annual Income Tax Returns from year 2010 to 2014 showing Annual Income Tax Paid as under.

YEAR	Income Tax Paid by the Bidder
2014	Rs: 1,030,610.00
2013	Rs: 1,473,633.00
2012	Rs: 2,920,738.00
2011	Rs: 1,537645.00
2010	Rs: 1,740,265.00
TOTAL	Rs: 8,702,891.00

It was required in the Evaluation Criteria that the Bidder should must have paid Income Tax 8.00 Million or more. M/s Ideal Distribution Line has paid Income Tax is 8.7 Million hence it acquires 8 Marks.

c. **Wealth Statement:** Bidder provided three years Wealth Statement which are officially submitted to FBR show wealth of the Bidding firm as under:

YEAR	WEALTH AMOUNT AS DECLARED TO FBR
2014	Rs: 30,404,496.00
2013	Rs: 31,577,482.00
2012	Rs: 27,790,158.00

It was required in the Evaluation Criteria that the Wealth should be nearly 30 Million of Bidding Firm, and it is found from the provided wealth statements that the Bidder's wealth meats the requirement however acquires 6 marks

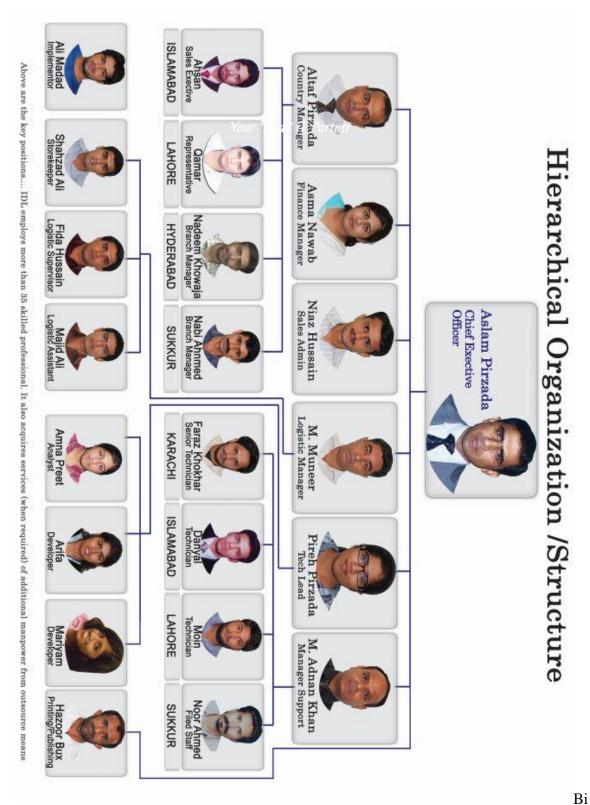
d. Sales Tax Returns: Bidder provided three year Sales Tax Returns detail bellow:

YEAR	WEALTH AMOUNT AS DECLARED TO FBR
2014	Rs. 2,42,65,759/=
2013	Rs. 3,34,47,745/=
2012	Rs. 6,82,15,511/=
TOTAL	RS. 125,929,015.00

It was required in the Evaluation Criteria that the Bidder's three years Sales Tax Returns (Jan 2012 to Dec 2014) should show Sales turnover at least 80 Million, but this bidder's total Turnover for three years is nearly 126M, therefore this bidder acquires 8 Marks.

e. **Tax Assessment Order:** The Bidder has provided Tax Assessment Order till 2013. Acquires 7 marks.

8) **Qualified Staff:** Bidder has provided CVs, CNICs, Contact numbers as required in the Evaluation Criteria. Bellow is the summary of staff of Bidding firm



dding submitted Labor Dept Certificate for enlistment. Acquires 10 marks.

- 9) Bidding Firm is proprietorship Firm, provided copy of CNIC of its proprietor, however it Acquires 5 marks.
- 10) **Specifications & Brochures of the offered Products/ Brands:** Bidder offered following Brand and Material and its offered Material is responsive to the requirement of procuring agency. Following are the major component offered by the bidder

ITEM	Brand	Remarks
Network Material	HP	Matching the Requirement
Servers	HP	Matching the Requirement
UPS	APC	Matching the Requirement
Computers	HP	Matching the Requirement
EPABX	Panasonic	Matching the Requirement
Video Conference	Polycom	Matching the Requirement

All other items other than the above mentioned items offered by the bidder are also responsive to the requirement. Acquires 20 marks.

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Waqas Ahmed Channa Assistant Director Finance Member

I/C Chairman/section
Concerned Department
Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member District Forest Officer
Khairpur Mir's
External Member

SIXCO SOLUTIONS.

- 1) Manufacturer's Authorization Letter (MAL): The Bidder has provided Authorization Letter from HP for un-specified items. Thus acquires 10 marks.
- 2) Bidder's Report for MUET ZAB's Existing Network: The Bidder has not submitted Survey Report, Measurement, Layout Plan for expansion of new Network. Thus it acquires Zero Marks.
- 3) Number of Years in Business: This firm's INCOME TAX # 4257951-1 is registered at FBR w.e.f 6th-May 2014, and GST Reg No. 1700425795110 w.e.f 15-Oct-2015 FBR's Verification was done from its Online Verification System (snap shot of FBR's site is cited below) which confirms that this firm is being in business since last 1 years thus it acquire 2 Marks.



- 4) **Bidder's Name & Address:** As required in the Evaluation Criteria section the Bidder's Name and address is verified from the FBR website and found no change. The Bidder has not provided any Documents in support, but the address mentioned on its letter head and FBR's portal is same. However the Bidder acquires 05 Marks.
- 5) Registration Certificates: The Bidder provided NTN Certificates vide Registration # 4257951-1, Sales Tax Registration Certificate vide Registration No. 1700425795110, Sindh Revenue Board (SRB) Sales Tax Registration Certificate No. 4257951-1. Active Tax Payer status is verified from FBR website and found Bidder's Status as 100% Active. Thus acquires 4 Marks.



6) **Relevant Field Experience:** It was required in the Bid Document that the Bidder should provide minimum 5 "**Complex**" assignments of similar nature and the sum of these projects should be of greater value than 50 Million. The Bidder has provided following Supply orders and their completion certificates:-

No.	Procuring Agency	Details of Supply Orders	Total Amount			
1	Air University	Air University NA				
2	Pakistan International	084A11050(A)	279,962.00			
3	Sindh Board of Tech Education	SBTE/STORE/2011	426,480.00			
4	Oild & Gas	IBA/A/1924	4,922,642.00			
Value of above mentioned projects is less than 6.00 Million.						

Only one project of Oil & Gas whose worth is Rs. 4.9 M is acceptable. However the bidder acquires 2 marks

7) . Financial Soundness:-

- a. **Bank Statement:** Bidder has not provided two years Bank Statement, hence acquires 0 (zero) marks.
- b. **.Annual Income Tax Returns:** Bidder not provided 5 years Annual Income Tax Returns, so acquires Zero Marks.
- c. **Wealth Statement:** Bidder has not provided three years Wealth Statement thus acquires no marks

- d. **Sales Tax Returns:** Bidder has not provided three year Sales Tax Returns however acquires No Marks.
- e. **Tax Assessment Order:** The Bidder has not provided Tax Assessment Order. So acquires Zero marks.
- 8) **Qualified Staff:** Bidder has provided CVs, CNICs, Contact numbers as required in the Evaluation Criteria. Bellow is the summary of staff of Bidding firm. But it has not provided Labor Dept's Certificate for enlistment. So acquires 8 marks.
- 9) Bidding Firm is proprietorship Firm, provided copy of CNIC of its proprietor, however it Acquires 5 marks.
- 10) **Specifications & Brochures of the offered Products/ Brands:** Bidder offered following Brand and Material and its offered Material is responsive to the requirement of procuring agency. Following are the major component offered by the bidder

ITEM	Brand	Remarks
Network Material	HP	Matching the Requirement
Servers	HP	Matching the Requirement
UPS	Emerson	Matching the Requirement
Computers	HP	Matching the Requirement
EPABX	Panasonic	Matching the Requirement
Video Conference	Polycom	Matching the Requirement

All other items other than the above mentioned items offered by the bidder are also responsive to the requirement. Acquires 20 marks.

Total Marks acquired by M/s Sixco Solutions

56

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Wagas Ahmed Channa Assistant Director Finance Member

> Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member

I/C Chairman/s

Concerned Department

Member

Engr. Sajjad Hussain Memon In-charge Project Director Convener

District Forest Officer

Khairptn Mir's

External Member

SAAP Technologies.

- 1) Manufacturer's Authorization Letter (MAL): The Bidder has provided Dealership Certificate of HP, Thus acquires 10 marks.
- 2) Bidder's Report for MUET ZAB's Existing Network: The Bidder has not submitted Survey Report, Measurement, Layout Plan for expansion of new Network. Thus it acquires Zero Marks.
- 3) Number of Years in Business: This firm's INCOME TAX # 1746053-7 is registered at FBR w.e.f 8th-Oct 2003, and FBR's Verification was done from its Online Verification System (snap shot of FBR's site is cited below) which confirms that this firm is being in business since last 10 years thus it acquire 10 Marks.
- 4) **Bidder's Name & Address:** As required in the Evaluation Criteria section the Bidder's Name and address is verified from the FBR website and found difference in the address on FBR and office. The Bidder has also not provided any Documents in support, However the Bidder acquires zero Marks.
- **5) Registration Certificates:** The Bidder provided NTN Certificates vide Registration # 1746053-7 Thus acquires 2 Marks.
- 6) **Relevant Field Experience:** It was required in the Bid Document that the Bidder should provide minimum 5 "**Complex**" assignments of similar nature and the sum of these projects should be of greater value than 50 Million. The Bidder has provided following Supply orders and their completion certificates:-

No.	Procuring Agency	Details of Supply Orders	Total Amount					
1	Bahria University	DABU/COMP/QEC	NA					
2	NEPRA	TEN.01/2009	1,124,750.00					
3	Askari Bank	ETC/0019/2008	3,547,800.00					
	Value of above mentioned projects is less than 4.6 Million.							

Only two project whose worth is greater than 1.M are acceptable. However the bidder acquires 4 marks

7) . Financial Soundness:-

- a. **Bank Statement:** Bidder has not provided two years Bank Statement, hence acquires 0 (zero) marks.
- b. **.Annual Income Tax Returns:** Bidder not provided 5 years Annual Income Tax Returns, so acquires Zero Marks.

- c. **Wealth Statement:** Bidder has not provided three years Wealth Statement thus acquires no marks
- d. **Sales Tax Returns:** Bidder has not provided three year Sales Tax Returns however acquires No Marks.
- e. **Tax Assessment Order:** The Bidder has not provided Tax Assessment Order. So acquires Zero marks.
- 8) **Qualified Staff:** Bidder has provided CVs, CNICs, Contact numbers as required in the Evaluation Criteria. Bellow is the summary of staff of Bidding firm. But it has not provided Labor Dept's Certificate for enlistment. So acquires 8 marks.
- 9) Bidding Firm is proprietorship Firm, provided copy of CNIC of its proprietor, however it Acquires 5 marks.
- 10) **Specifications & Brochures of the offered Products/ Brands:** Bidder offered following Brand and Material and its offered Material is responsive to the requirement of procuring agency. Following are the major component offered by the bidder

ITEM	Brand	Remarks
Network Material	HP	Matching the Requirement
Servers	HP	Matching the Requirement
UPS	Emerson	Matching the Requirement
Computers	HP	Matching the Requirement
EPABX	Panasonic	Matching the Requirement
Video Conference	Polycom	Matching the Requirement

All other items other than the above mentioned items offered by the bidder are also responsive to the requirement. Acquires 20 marks.

Total Marks acquired by M/s Sixco Solutions

59

Naveed Ali Brohi
Asistant Engineer(Electrical)
MUET SZAB Campus
Secretary / Member

Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's Mr. Wagas Ahmed Channa Assistant Director Finance Member

I/C Chairman/sech Concerned Department Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member District Forest Officer
Khairpur Mir's
External Member

COMPARATIVE STATEMENT

Part No.1:

Extension of Data/Voice services at Existing Campus (Electrical Engineering, P&NG Eng., Central Library, Bus Parking, and proposed Auditorium).

Part -1 / Category - A (Active Equipment)

S. No	ITEM / Description	QTY	Ideal Distribution Line		SIXCO TECH		SAAP TECH	
5. 140	TTEM / Description	QII	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	HP 2530-24G-PoE+ Switch 24x1G PoE (copper) ports	9	193,800.00	1,744,200.00	206,000.00	1,854,000.00	209,000.00	1,881,000.00
2	HP 2530-48G-PoE+ Switch 48x1G PoE (copper) ports	8	357,000.00	2,856,000.00	377,000.00	3,016,000.00	380,000.00	3,040,000.00
3	Controller MSM775 zl Premium Controller Module	1	1,825,800.00	1,825,800.00	194,000.00	194,000.00	196,000.00	196,000.00
4	HP MSM430 Dual Radio 802.11n AP (WW) Access Points	45	68,850.00	3,098,250.00	75,000.00	3,375,000.00	77,000.00	3,465,000.00
5	HP 5406R zl2 Switch Core Switch	1	306,000.00	306,000.00	228,000.00	228,000.00	230,000.00	230,000.00
6	HP X121 1G SFP LC LX Transceiver Fiber Module	24	97,800.00	2,347,200.00	419,000.00	10,056,000.00	423,000.00	10,152,000.00
7	HP X121 1G SFP LC LH Transceiver or GLC – ZX – SM	1	316,200.00	316,200.00	425,000.00	425,000.00	430,000.00	430,000.00
8	HP Pro Book Laptop Ci7, 8GB, 500GB, DVD Writer, Web Cam, 15.6 Screen	2	89,250.00	178,500.00	93,730.00	187,460.00	95,000.00	190,000.00
9	HP ProDesk 600 G1 TWR ComputerIntel Core i7 4th Generation Processor Model 4770 3.4G 8M HD 4600 CPU, Intel Q85 Chipset Motherboard, 8GB DDR3 1600MHz Memory,1000 GB HDD SATA, Super Multi DVDRW SATA, Integrated-Graphics Card + Port for second External Graphic Card from 1 GB to 5 GB, Integrated Sound/LAN, Display: 19 "inch LED USB Keyboard & Mouse. MUET Z. A. Bhutto bootup Logo by HP, One Year Warranty.	3	89,250.00	267,750.00	93,730.00	281,190.00	95,000.00	285,000.00
10	HP DL380 Gen9 E5-2620v3 64B, 8x1.2TB 6G SAS 10K SATA DVD-RW, HP Smart Array P440/4G FIO Controller HP 800W FS Plat Ht Plg Pwr Supply Kit	3	1,009,800.00	3,029,400.00	1,070,900.00	3,212,700.00	1,150,000.00	3,450,000.00
11	HP IP CAT5 Qty-8 6ft/2m Cable HP KVM USB Adapter HP 0x1x8 G3 KVM Console Switch	1	193,800.00	193,800.00	206,000.00	206,000.00	210,000.00	210,000.00

S. No	ITEM / Description	ОТУ	Ideal Dis	tribution Line	SIXCO TECH		SAAP TECH	
5. 110		QII	Unit Price	Total	Unit Price	Total	Unit Price	Total
12	Emerson GXT10000MT+ Liebert GXT-MTPlus On-Line Dry Battery UPS or APC-10000 XLI UPS (Std Backup Time)	2	446,250.00	892,500.00	468,650.00	937,300.00	470,000.00	940,000.00
13	Emerson Liebert ITA 20KVA/18KW UPS 400V LCD Standard Bakup or APC G3HT20 KHB2S Ups (Standard Backup Time)	1	1,007,250.00	1,007,250.00	1,060,000.00	1,060,000.00	1,085,000.00	1,085,000.00
14 & 15	Up-gradation of Data Centre • Existing ICPC up-gradation, • Installing of Pakistan Cable Electric Wiring, Fiber optical and Local Area Network Cables as per requirement • High-rise of Flooring, • Installation of PDUs, Circuit Breaker • VMWARE Essential License for 5 CPU • VEEAM Backup License for 5 CPU. • 42 U Rack one. • 3 Fire Extinguishers • Removing existing partitions, Renovating Data Centre, Managing LAN, Cabling, Fiber Optic splicing, and Labour charges Complete in all respects and making operative. • 10 BIO Matric Machines compatible with existing CMS Software, Integration with exiting database software. • Deployment of Campus Management Software on Local Area Netowk. Data Centre: Upgrade existing cables, New power cables, OFC, Network, Hirise flooring, PDU, Circuit Breaker, VMWARE, VEEAM, 42 U rack, Fire Exitinushers, Renovation, 10 BIO Matric Machines	1	2,495,900.00	2,495,900.00	2,625,000.00	2,625,000.00	2,900,000.00	2,900,000.00
	TOTAL Part -1 / Category - A (Active	Equipr	nent)	20,558,750.00		27,657,650.00		28,454,000.00

Naveed Ali Brohi Asistant Engineer(Electrical) **MUET SZAB Campus** Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Waqas Ahmed Channa Assistant Director Finance Member

Member

I/C Chairman/sectional Head Concerned Department

District Forest Officer Khairpur Mir's External Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member

Part -1 / Category - B (Passive Equipment)

S. No	ITEM / Description	QTY	Ideal Distribution Line		SIXCO TECH		SAAP TECH	
5. 100	TTEM / Description	QII	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Contac Brand 50 Pair Voice Armor Cable (feet)	2,500	225.00	562,500.00	236.00	590,000.00	240.00	600,000.00
2	Contac Brand 10 Pair Voice Armored Cable (feet)	1,100	75.00	82,500.00	83.00	91,300.00	85.00	93,500.00
3	Contac Brand 8 Cores 9/125 /higher Armored Single Mode Optical Fiber Cable (feet)	2,400	100.00	240,000.00	104.00	249,600.00	107.00	256,800.00
4	Splicing of OFC	116	1,000.00	116,000.00	1,050.00	121,800.00	1,055.00	122,380.00
5	Contac Brand / Microtech Fiber Pigtail 1.5m Single Mode 9/125	116	300.00	34,800.00	310.00	35,960.00	313.00	36,308.00
6	3 meters Single mode 9/125 Fiber Patch Cords (SC-LC),	44	900.00	39,600.00	920.00	40,480.00	923.00	40,612.00
7	3 meters Single mode 9/125 Fiber Patch Cords (LC-LC),	16	850.00	13,600.00	950.00	15,200.00	955.00	15,280.00
8	3 meters Single mode 9/125 Fiber Patch Cords (FC-LC)	3	850.00	2,550.00	990.00	2,970.00	995.00	2,985.00
9	Civil Work for O.F.C. & Copper Cable in 4ft depth, Sand beded, Bricks cover, Hand Holes, Testing Pits, Caution tap and landmarks	3,600	150.00	540,000.00	180.00	648,000.00	183.00	658,800.00
10	Cat-06 24 Ports Patch Panel (Microtech)	9	17,000.00	153,000.00	18,100.00	162,900.00	18,200.00	163,800.00
11	Cat-06 48 Ports Patch Panel (Microtech)	8	35,000.00	280,000.00	37,210.00	297,680.00	38,000.00	304,000.00
12	1" /2" or as per requirement size GI/UPVC Pipes for the optical Fiber in and copper cable (Pak Arab) (feet)	6,000	50.00	300,000.00	55.00	330,000.00	59.00	354,000.00
13	08 Ports Fiber Optics Enclosure (Microtech) (feet)	7	4,260.00	29,820.00	4,400.00	30,800.00	4,600.00	32,200.00
14	32 Ports Fiber Optics Enclosure (Microtech)	3	21,300.00	63,900.00	2,300.00	6,900.00	2,500.00	7,500.00
15	Cat-6 Ethernet Cable (Microtech) (feet)	8,000	20.00	160,000.00	24.00	192,000.00	28.00	224,000.00
16	Channel Patti 1 " inch (Adamjee) (feet)	8,000	45.00	360,000.00	50.00	400,000.00	55.00	440,000.00

Part -1 / Category - B (Passive Equipment)

S. No	ITEM / Description	QTY	Ideal Distribution Line		SIXCO TECH		SAAP TECH	
5. 110	TTEM/ Description	QII	Unit Price	Total	Unit Price	Total	Unit Price	Total
17	Cabinet with lock system for Wireless Access Points (Local) each	45	3,000.00	135,000.00	4,000.00	180,000.00	4,300.00	193,500.00
18	12U Networking cabinet (China)	17	10,000.00	170,000.00	12,000.00	204,000.00	13,000.00	221,000.00
19	42U Networking cabinet (China)	2	55,000.00	110,000.00	58,000.00	116,000.00	60,000.00	120,000.00
20	1m CAT-06 Patch Cords (China)	700	375.00	262,500.00	395.00	276,500.00	400.00	280,000.00
21	3m CAT-06 Patch Cords (China)	700	525.00	367,500.00	650.00	455,000.00	660.00	462,000.00
22	Earth Grounding work (output less than 1 ohm)	18	45,000.00	810,000.00	46,500.00	837,000.00	49,900.00	898,200.00
Т	TOTAL Part -1 / Category - B (Passive Equipment)			4,833,270.00		5,284,090.00		5,526,865.00

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Wagas Ahmed Channa Assistant Director Finance Member

I/C Chairman/section
Concerned Department
Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member District Forest Officer Khairpur Mir's External Member

Part -1 / Category - C (Voice Equipment)

C No	. No ITEM / Description		Ideal D	istribution Line	SIXCO TECH		SAAP TECH	
5. No	•	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Panasonic Digital Hybrid PABX KX-TDE600 with the advantages of contemporary IP technology. Built In Music on Hold x 2, Paging x 2, SMDR, 10 Free Slots, LAN, Maintanance Ports. Expandable up to 1000 ports". 3X Power Supply. 2x Expension Shelf 1 & 2, Expension cabinet free 11 slots. 2x Interconnection Card. 1x 16 Port Digital Hybrid Extension Card. 08 digital ports for operator console, 08 for anlogue extensions. 26x 24 Ports Analogue Extension Card, 288 analogue extension ports with CLI. 2x 16 Ports Analogue Trunk Card. 4x 08 Ports CLI Card. 1x PRI Card. 30 Channel PRI Card with built in CLI. 2x Panasonic Digital Set KX-DT546. 1x Panasonic Message Card "4 channel greeting message card 64 types of recording. 1x PC Console Software. 1x Telemanager Call Logging Software. 7x Main Distribution Frame Box 100 pair with PABX cables for all cards, 10 pair crone strip with 100 pair frame installation, testing & training"	1	4,069,800.00	4,069,800.00	4,274,088.00	4,274,088.00	4,700,000.00	4,700,000.00
2	MDF Box with stirps 500 lines	1	35,000.00	35,000.00	36,300.00	36,300.00	38,000.00	38,000.00
3	MDF Box and Voice Strip for 50 Line	3	2,500.00	7,500.00	2,750.00	8,250.00	2,900.00	8,700.00
4	MDF Box and Voice Strip for 50 Line	4	2,500.00	10,000.00	2,750.00	11,000.00	2,900.00	11,600.00
5	Voice Troubleshooting Kit, complete in all aspects, Crimping Tools, Data & Voice Punch Tools, Voice punch Dongle, Screw Driver, Nose pliers, Cutter pliers, Cable Strippers Pocket Flashlight, Cable Tester Tool, RJ-45 connectors, RJ-11 Connectors	1	30,000.00	30,000.00	42,500.00	42,500.00	45,000.00	45,000.00
6	IP Telephone Sets with CLI features	2	Inclu	ded in PABX	12,000.00	24,000.00	14,000.00	28,000.00
7	Telephone Sets	245	1,500.00	367,500.00	1,900.00	465,500.00	2,100.00	514,500.00
8	Training of whole work for 2 guys	1	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL Part -1 / Category - C (Voice E	quipm	nent)	4,519,800.00		4,861,638.00		5,345,800.00

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Waqas Ahmed Channa Assistant Director Finance Member

I/C Chairman/sectional Head Concerned Department Member

Associate Professor GTC Khairpur Mir's External Member

District Forest Officer Khairptn/Mir's

External Member

SUM OF PART-1

Total Part - 1 against each Category	Ideal Distribution Line	Sixco Solutions	SAAP Technologies
Category – A	20,558,750.00	27,657,650.00	28,454,000.00
Category – B	4,833,270.00	5,284,090.00	5,526,865.00
Category – C	4,519,800.00	4,861,638.00	5,345,800.00
TOTAL	29,911,820.00	37,803,378.00	39,326,665.00

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus

Secretary / Member

Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's Mr. Waqas Ahmed Channa Assistant Director Finance

Member

I/C Chairman/se

Concerned Department Member District Forest Officer Khairpur Mir's

External Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's

External Member

Part No. 2:

Extension of Data/Voice services at New Land of Campus (One Staff Hostel, Three Boys Hostels, Two Main Gates and for proposed one Girls Hostel).

Part -2 / Category - A (Active Equipment)

S. No	No ITEM / Description		Ideal Dist	ribution Line	SIXCO	ТЕСН	SAAP	ТЕСН	
5. 10	5. No TENT / Description	TIEM/Description Q	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	HP 2530-48G-PoE+ Switch 48x1G PoE (copper) ports	18	357,000.00	6,426,000.00	377,000.00	6,786,000.00	380,000.00	6,840,000.00	
2	HP 5406R zl2 Switch Core Switch	1	306,000.00	306,000.00	228,000.00	228,000.00	230,000.00	230,000.00	
3	HP X121 1G SFP LC LX Transceiver Fiber Module	20	97,800.00	1,956,000.00	419,000.00	8,380,000.00	423,000.00	8,460,000.00	
4	Emerson GXT1000MT+ Liebert GXT-MTPlus 1000VA/800Watt 230V LCD Tower (Standard Backup Time) Dry Battery. One year warranty) OR APC SRC1000I (Standard Backup Time)	1	43,350.00	43,350.00	45,900.00	45,900.00	47,000.00	47,000.00	
5	APC SRC 2000I 2 KVA UPS (Standard Backup Time) min bkup	8	86,700.00	693,600.00	92,500.00	740,000.00	95,000.00	760,000.00	
6	APC-SRC 6000 XLI 6 KVA Online UPS (Standard Backup Time)	1	285,600.00	285,600.00	305,000.00	305,000.00	310,000.00	310,000.00	
7	APC-SRC 6000 XLI 6 KVA Online UPS (Standard Backup Time)	1	285,600.00	285,600.00	305,000.00	305,000.00	310,000.00	310,000.00	
8	AC Voltage Rectifier	1	(price inclusive in 6 KVA UPS)		Not Quoted		Not Quoted		
Te	Total of Part -2 / Category - A (Active Equipment)			5,150.00	16,789	,900.00	16,957,	000.00	

Naveed Ali Brohi
Asistant Engineer(Electrical)
MUET SZAB Campus
Secretary / Member

Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's Mr. Wagas Ahmed Channa Assistant Director Finance Member

I/C Chairman/sech Concerned Department Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member District Forest Officer Khairpur Mir's External Member

Part -2 / Category - B (Passive Equipment)

S. No	ITEM / Description	OTV	Ideal D	istribution Line	SIXCO TECH		SAA	РТЕСН
3. 110	11 EM / Description	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Contac Brand 200 Pair Voice Armored Cable (Feet)	15,000	750.00	11,250,000.00	800.00	12,000,000.00	830.00	12,450,000.00
2	Contac Brand 10 Pair Voice Armored Cable (feet)	7,800	75.00	585,000.00	83.00	647,400.00	85.00	663,000.00
3	Contac Brand 8 Cores 9/125 /higher Armored Single Mode Optical Fiber Cable (feet)	18,500	100.00	1,850,000.00	104.00	1,924,000.00	107.00	1,979,500.00
4	Splicing of OFC	80	1,000.00	80,000.00	1,050.00	84,000.00	1,055.00	84,400.00
5	Contac Brand / Microtech Fiber Pigtail 1.5m Single Mode 9/125	80	300.00	24,000.00	310.00	24,800.00	313.00	25,040.00
6	3 meters Single mode 9/125 Fiber Patch Cords (SC-LC),	20	900.00	18,000.00	920.00	18,400.00	923.00	18,460.00
7	3 meters Single mode 9/125 Fiber Patch Cords (LC-LC),	8	850.00	6,800.00	950.00	7,600.00	955.00	7,640.00
8	Civil Work for O.F.C. & Copper Cable in 4ft depth, Sand beded, Bricks cover, Hand Holes, Testing Pits, Caution tap and landmarks (feet)	22,800	150.00	3,420,000.00	180.00	4,104,000.00	183.00	4,172,400.00
9	Cat-06 48 Ports Patch Panel (Microtech)	18	35,000.00	630,000.00	37,210.00	669,780.00	38,000.00	684,000.00
10	1" /2" or as per requirement size GI/UPVC Pipes for the optical Fiber in and copper cable (Pak Arab) (feet)	41,300	50.00	2,065,000.00	55.00	2,271,500.00	59.00	2,436,700.00
11	08 Ports Fiber Optics Enclosure (Microtech)	7	4,260.00	29,820.00	4,400.00	30,800.00	4,600.00	32,200.00
12	32 Ports Fiber Optics Enclosure (Microtech)	2	21,300.00	42,600.00	2,300.00	4,600.00	2,500.00	5,000.00
13	24U Networking cabinet (China)	1	25,000.00	25,000.00	29,000.00	29,000.00	29,900.00	29,900.00
14	24U Networking cabinet	9	25,000.00	225,000.00	29,000.00	261,000.00	29,900.00	269,100.00
15	1m CAT-06 Patch Cords (China)	1,000	375.00	375,000.00	395.00	395,000.00	400.00	400,000.00
16	3m CAT-06 Patch Cords (China)	1,000	525.00	525,000.00	650.00	650,000.00	660.00	660,000.00
17	Earth Grounding work (output less than 1 ohm)	12	45,000.00	540,000.00	46,500.00	558,000.00	49,900.00	598,800.00
	Total of Part -2 / Category - B (Passive E	quipm	ent)	21,691,220.00		23,679,880.00		24,516,140.00

Naveed Ali Brohi Asistant Engineer(Electrical) MUET SZAB Campus Secretary / Member

> Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's

Mr. Waqas Ahmed Channa Assistant Director Finance Member

I/C Chairman Concerned Department Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's

External Member

District Forest Officer Khairpur Mir's

External Member

Part -2 / Category - C (Voice Equipment)

S. No	. No ITEM / Description		Ideal Dist	ribution Line	SIXCO	ТЕСН	SAAP	ТЕСН
5. NO	11 E.W / Description	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	MDF Box with Voice strips for 200 lines (China)	1	2,300.00	2,300.00	2,650.00	2,650.00	2,800.00	2,800.00
2	Voice MDF Box and Voice strip for each 50 (china)	1	2,500.00	2,500.00	2,700.00	2,700.00	2,800.00	2,800.00
3	Voice MDF Box and Voice strip for each 10 Lines	6	925.00	5,550.00	1,100.00	6,600.00	1,200.00	7,200.00
4	Voice Troubleshooting Kit, complete in all aspects, Crimping Tools, Data & Voice Punch Tools, Voice punch Dongle, Screw Driver, Nose pliers, Cutter pliers, Cable Strippers Pocket Flashlight, Cable Tester Tool, RJ-45 connectors, RJ-11 Connectors (Mix Brands)	1	30,000.00	30,000.00	42,500.00	42,500.00	45,000.00	45,000.00
5	Telephone Sets (Panasonic)	105	1,500.00	157,500.00	1,900.00	199,500.00	2,100.00	220,500.00
Tot	Total of Part -2 / Category - C (Voice Equipment)			197,850.00		253,950.00		278,300.00

Naveed Ali Brohi
Asistant Engineer(Electrical)
MUET SZAB Campus
Secretary / Member

Engr Sajjad Hussain Talpur Externam Member Principal PTTI Khairpur Mir's Mr. Waqas Ahmed Channa Assistant Director Finance Member

I/C Chairman/sectional Concerned Department Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member District Forest Officer Khairpur Mir's External Member

SUM OF PART-2

Total Part - 2 against each Category	Ideal Distribution Line	Sixco Solutions	SAAP Technologies
Category – A	9,996,150.00	16,789,900.00	16,957,000.00
Category – B	21,691,220.00	23,679,880.00	24,516,140.00
Category – C	197,850.00	253,950.00	278,300.00
TOTAL	31,885,220.00	40,723,730.00	41,751,440.00

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MUET SZAB Campus
Secretary / Member

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I/C Chairman/sectional Concerned Department Member District Forest Officer Khairpur/Mir's External Member

Mr Riaz Ahmed Arain Associate Professor GTC Khairpur Mir's External Member

Part No. 3:

Part -3 / Category - A (I.T. Equipment)

C No	S. No ITEM / Description		Ideal Dist	ribution Line	SIXCO	О ТЕСН	SA	AP TECH
S. NO			Unit Price	Total	Unit Price	Total	Unit Price	Total
1	HP ProDesk 600 G1 TWR ComputerIntel Core i7 4th Generation Processor Model 4770 3.4G 8M HD 4600 CPU, Intel Q85 Chipset Motherboard, 8GB DDR3 1600MHz Memory,1000 GB HDD SATA, Super Multi DVDRW SATA, Integrated-Graphics Card + Port for second External Graphic Card from 1 GB to 5 GB, Integrated Sound/LAN, Display: 19 "inch LED USB Keyboard & Mouse. MUET Z. A. Bhutto bootup Logo by HP, One Year Warranty.	257	89,250.00	22,937,250.00	93,730.00	24,088,610.00	95,000.00	24,415,000.00
2	HP Pro Book Laptop Ci7, 8GB, 500GB, DVD Writer, Web Cam, 15.6 Screen	10	89,250.00	892,500.00	93,730.00	937,300.00	95,000.00	950,000.00
3	Sony VPL-DW120 Projector with White Screen	4	102,000.00	408,000.00	109,180.00	436,720.00	111,000.00	444,000.00
4	HP LaserJet PRO M401D NE	17	51,000.00	867,000.00	54,000.00	918,000.00	55,000.00	935,000.00
5	HP Officejet Pro X476dn	2	56,100.00	112,200.00	59,500.00	119,000.00	61,000.00	122,000.00
6	Model MP 2001 Ricoh	2	153,000.00	306,000.00	163,000.00	326,000.00	165,000.00	330,000.00
7	HP Scan jet 200 Flatbed	14	7,650.00	107,100.00	8,200.00	114,800.00	8,400.00	117,600.00
8	Emerson GXT1000MT+ Liebert GXT-MTPlus 1000VA/800Watt 230V LCD Tower (Standard Backup Time) Dry Battery. One year warranty) OR APC SRC1000I (Standard Backup Time)	26	43,350.00	1,127,100.00	45,900.00	1,193,400.00	47,000.00	1,222,000.00
Total	Total of Category - A (I.T. Equipment)			26,757,150.00		28,133,830.00		28,535,600.00

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Part -3 / Category - B (Video Conference Equipment)

S. No	ITEM / Description	QTY	Ideal Dist	ribution Line	SIXC	О ТЕСН	SA	AAP TECH
5. 110	TTEM/ Description	QII	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Real Presence Group 700 - 720p: Group 700 HD codec, Eagle Eye IV 12x camera, mic array, univ. remote, NTSC/PAL. Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 HDCI analog 3m, Power: compatible for JAPAN and NorAm - Type B, NEMA 5-15. Includes 1 YR Standard Srvc. Video Resolution: Full HD (both 1080p @ 60 frames and 1080p @ 30 frames). HD Multisite Support: Atleast 8 (7+1) sites simultaneously. External DVD Recorder for Video Recording with inside Hard Disk upto 1TB capacity. Three years warranty on all parts with free labour. LED 55" Screen Full HD1080p with USB2.0, HDMI port, Audio and component inputs. Sony/LG/Samsung or Equivalent with Wall Mount Kit Multimedia Projector 5300 lumens or higher Panasonic Complete Microphone Data cabling for 60 Goose Microphones to Mixer. Complete electrical cabling (Pakistan Cable or Equivalent) from main distribution box through false ceiling, equipment Junction box. Microphone Handheld Wireless (Qty 02) Audio Mixer (Compatible with VC System) Spkears (Sony or Equivalent) (Qty 04) 06 KAV Online UPS Complete Microphone Data cabling (Pakistan Cable or Equivalent) from main distribution box through false ceiling, equipment Junction box And Power Sockets. Rostrum (Qty 01)	1	3,570,000.00	3,570,000.00	3,810,900.00	3,810,900.00	4,100,000.00	4,100,000.00
Total	of Category - B (Video Conference Equipment))		3,570,000.00		3,810,900.00		4,100,000.00

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SUM OF PART-3

Total Part - 3 against each Category	Ideal Distribution Line	Sixco Solutions	SAAP Technologies
Category – A	26,757,150.00	28,133,830.00	28,535,600.00
Category – B	3,570,000.00	3,810,900.00	4,100,000.00
TOTAL	30,327,150.00	31,944,730.00	32,635,600.00

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Part No. 4:

Extension of Surveillance Security

Part -4 / Category - A (CCTV)

C No	S. No ITEM / Description		Ideal Dis	tribution Line	SIXC	О ТЕСН	SAAP	TECH
5. NO	TTEM / Description	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	CCTV Camera 30M IR 600 TVL(Dahua / KCR Brand)	23	25,000.00	575,000.00	27,000.00	621,000.00	28,750.00	661,250.00
2	16 Ch. DVR 400 FPs (Dahua / KCR Brand)	3	75,000.00	225,000.00	87,000.00	261,000.00	80,000.00	240,000.00
3	8 Ch. DVR (Dahua / KCR Brand)	2	35,000.00	70,000.00	37,000.00	74,000.00	39,000.00	78,000.00
4	APC SRC 2000I 2 KVA UPS (Standard Backup Time) min bkup	2	86,700.00	173,400.00	92,500.00	185,000.00	95,000.00	190,000.00
5	6 U Rack	5	25,000.00	125,000.00	27,000.00	135,000.00	29,000.00	145,000.00
6	Cable Roll	10	18,000.00	180,000.00	19,500.00	195,000.00	21,000.00	210,000.00
7	Power Cable Roles	5	12,000.00	60,000.00	13,200.00	66,000.00	15,000.00	75,000.00
8	2 TB Hard Disks	5	15,000.00	75,000.00	17,900.00	89,500.00	19,000.00	95,000.00
9	Installation of CCTV (Labor Charges)	1	450,000.00	450,000.00	525,000.00	525,000.00	590,000.00	590,000.00
Total	Total of Part -4 / Category - A (CCTV)			1,933,400.00		2,151,500.00		2,284,250.00

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TOTAL OF WHOLE PROJECT

PART NO.	Ideal Distribution Line	Sixco Solutions	SAAP Technologies
Part -1	29,911,820.00	37,803,378.00	39,326,665.00
Part -2	31,885,220.00	40,723,730.00	41,751,440.00
Part -3	30,327,150.00	31,944,730.00	32,635,600.00
Part -4	1,933,400.00	2,151,500.00	2,284,250.00
TOTAL	94,057,590.00	112,623,338.00	115,997,955.00

Note: M/s Ideal has offered 99 years (Life Time replacement Warrantee) on HP's Networking products

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TECHNICAL SCORE

Total Marks mentioned in the Evaluation Criteria
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Marks Achieved by	M/s Ideal Distribution Line	145
Marks Achieved by	M/s Sixco Solution	056
Marks Achieved by	M/s SAAP Technologies	059

Highest Marks scored by one of the Bidder = 145

Least marks achieved by one of the bidder = 056

Technical Proposal weight = 80% and the formula is = (100-((Total Marks – Marks Secured)÷Highest Marks x 100))x0.8

Description	M/sIdeal Distribution Line	M/s Sixco Solutions	M/s SAAP Technologies
Marks Obtained	145	056	059
Formula will look like	(100-((152 – 145)÷145 x 100))x0.8	(100-((152 – 056)÷145 x 100))x0.8	(100-((152 – 145)÷059 x 100))x0.8
Calculation	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

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FINANCIAL SCORE

Whole project Trunkey Rates Offered by Whole project Trunkey Rates Offered by Whole project Trunkey Rates Offered by M/s Ideal Distribution Line M/s Sixco Solution M/s SAAP Technologies

Rs. 94.058 Million Rs. 113.229 Million Rs. 116.648 Million

Highest Rates offered by one of the Bidder = 116.648M

Least Rates offered by one of the bidder = Rs: 94..058 Million

Financial Proposal weight = 20% and the formula is = (100-(Quoted Bid-Lowest Bid) ÷Lowest Bid*100)*0.20

Description	M/sIdeal Distribution Line	M/s Sixco Solutions	M/s SAAP Technologies
Rates	Rs. 94.058 Million	113.229 Million	116.648 Million
Formula			
will look	(100-((94.058 – 94.058)÷ 94.058 x 100)) x0.2	(100-((113.229 – 94.058)÷94.058 x 100)) x0.2	(100-((116.648 – 94.058)÷94.058 x 100)) x0.2
like			
Calculation	94.058 - 94.058 = 0 $0 \div 94.058$ = 0 $0 \times 100 = 0$ 100 - 0 = 100 $100 \times 0.2 = 20$ Financial Weight = 20 points	113.229 - 94.058 = 19.171 19.171 \div 94.058 = 0.204 0.204 x 100 = 20.4 100 - 20.4 = 79.6 79.6 x 0.2 = 15.92 Financial Weight = 16 points	$\begin{array}{rcrrr} 116.648 & \textbf{-} & 94.058 & = 22.59 \\ 22.59 & \div & 94.058 & = 0.2402 \\ 0.2402 & x & 100 & = 24.02 \\ 100 & - & 24.02 & = 75.98 \\ 75.98 & x & 0.2 & = 15.196 \\ \hline \textbf{Financial Weight} = \textbf{15 points} \end{array}$

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Concluding Results and Recommendations

Score Results

Score	M/sIdeal Distribution Line	M/s Sixco Solutions	M/s SAAP Technologies
Technical Score	96 points	47 points	49 points
Financial Score	20 points	16 points	15 points
Total Score	116 Points	63 Points	64 Points

Recommendations for Awarding Contract:

In the light of Technical and Financial Evaluation results it is found that M/s Ideal Distribution Line is high scoring firm and its quoted rates are also reasonable, economical, competitive and responsive to the requirement of procuring Agency. It is therefore recommended in the light of SPPRA Rule 49 that the contract may be awarded to M/s Ideal Distribution Line after completion of post bidding formalities.

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