



GOVERNMENT OF SINDH
HEALTH DEPARTMENT

NOTIFICATION

No. SO(PM&I)2-1/2017-18/ADP/GMMMCS: A Procurement Committee in respect of ADP Scheme No.832, Establishment of Ghulam Mohammad Mahar Medical College, Sukkur for procurement / scrutiny of development works, processing, calling of Tenders and acceptance of lowest bid for the financial year 2017-18 with following composition.

S.NO.	NAME AND DESIGNATION	PORTFOLIO IN COMMITTEE.
1.	The Deputy Commissioner / Project Director, Establishment of Ghulam Mohammad Mahar Medical College, Sukkur.	Chairman
2.	Executive Engineer, Buildings Division Sukkur	Member
3.	Project Engineer, Estt. Of GMMMC Sukkur	Member / Secretary
Co-Opt. Members		
1.	Mr.Hidayatullah Naich, Assistant Executive Engineer Buildings Sub Division, Sukkur	Coopt /Non voting Member
2.	Mr.Riaz Hussain Shaikh, Resident Engineer, Zaheeruddin Consultant (Pvt.) Ltd Karachi.	Coopt /Non voting Member

TORs

The TORs / Functions / Responsibilities of the Procurement committee in accordance with Rule-8 of SPP Rules 2010 shall be as under:

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

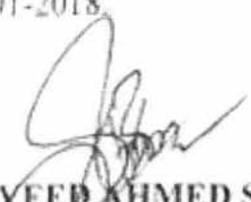
SECRETARY

No. SO(PM&I)2-1/2017-18/ADP/GMMMCS::

Karachi, dated: 05th Feb, 2018

C.C. to:

- The Managing Director, Sindh Public Procurement Regulatory Authority, Karachi.
- The Deputy Commissioner / Project Director, Establishment of Ghulam Mohammad Mahar Medical College, Sukkur with reference to his letter dated.26-01-2018.
- The District Accounts Officer, Sukkur
- The Chairman & all members of the Committee.
- The P.S. to Secretary Health.


(NAYEED AHMED SOOMRO)
SECTION OFFICER (PM&I)

Official Website of Sindh Public Procurement Regulatory Authority, SPPRA

14664	WITHHELD	Kamber @ Shabdakot		07.Dec.2012	25.Dec.2012	conveyed compliance required	
14663	10277/2012	Executive Engineer Building Division Tando Allah Yar		07.Dec.2012	27.Dec.2012		
14662	10276/2012	Executive Engineer Highway Division Jamshoro		07.Dec.2012	21.Dec.2012		
14661	10275/2012	Civil Hospital Karachi		07.Dec.2012	04.Jan.2013	21 Dec 2012	
14660	10274/2012	Civil Hospital Karachi		07.Dec.2012	04.Jan.2013	21 Dec 2012	21 Feb 2013
14659	10273/2012	Civil Hospital Karachi		07.Dec.2012	18.Jan.2013	21 Dec 2012 10 Jan 2013	27 Feb 2013
14658	10272/2012	Rehabilitation DHQ & THQ Hospitals in Sindh Karachi		07.Dec.2012	18.Jan.2013	20 Dec 2012 10 Jan 2013	02 Apr 2013
14657	OSPRA ID WITHHELD	Executive Engineer Building Division Kamber @ Shabdakot		07.Dec.2012	23.Dec.2012	Rule 17. 18	
14656	10270/2012	Irrigation & Power Dept. Executive Engineer Thar Division Thar Division Mirpurkhas		07.Dec.2012	24.Dec.2012		
14655	10269/2012	Executive Engineer Electrical/Energy-II Karachi		07.Dec.2012	27.Dec.2012		
14654	10268/2012	Executive Engineer Public Health Engineer Division Sukkur		07.Dec.2012	28.Dec.2012		
14653	10267/2012	Executive Engineer Provincial Highway Division Mirpurkhas		07.Dec.2012	24.Dec.2012		
14652	10266/2012	Karachi Water and Sewerage Board KWSB Karachi		07.Dec.2012	24.Dec.2012		08 Jan 2013
14651	10265/2012	Karachi Water and Sewerage Board KWSB Karachi		07.Dec.2012	24.Dec.2012		09 Jan 2013
14650	10264/2012	Sindh University Jamshoro		07.Dec.2012	01.Jan.2013		03 Apr 2013 Update 09 Jan 2013
14649	10263/2012	Rehabilitation DHQ & THQ Hospitals in Sindh Karachi		07.Dec.2012	10.Jan.2013	20 Dec 2012	02 Apr 2013
14648	10262/2012	Karachi Water and Sewerage Board KWSB Karachi		07.Dec.2012	14.Feb.2013	24 Dec 2012 22 Jan 2013	
14647	10261/2012	Ghulam Muhammad Mahar <u>Medical College</u> Sukkur		07.Dec.2012	31.Dec.2012		
14646	10260/2012	Government Of Sindh Directorate of Industries Karachi		07.Dec.2012	26.Dec.2012	20 Dec 2012	
14645	OSPRA ID WITHHELD	Rehabilitation DHQ & THQ Hospitals in Sindh Karachi		07.Dec.2012	10.Jan.2013	21 Dec 2012 infirmities conveyed compliance required	
14644	10258/2012	<u>National Institute Of Cardiovascular Diseases</u> NICVD Karachi		07.Dec.2012	29.Dec.2012		
14643	10257/2012	Executive Engineer Building Division Tharparkar at Mithi		07.Dec.2012	02.Jan.2013		
14642	10256/2012	Executive Engineer Education Works Division Umerkot		08.Dec.2012	26.Dec.2012		

ڪاوش

هڪ نئي وقت ڪراچي، حيدرآباد ۽ سکر مان شايع ٿيندڙ رسالو آهي

اسٽيبلشمينٽ آف غلام محمد

ميڊيڪل ڪاليج سکر

فون: 0719310118، 0719310117



نيڪيڊارن جي پري-ڪراليفنڪيشن لاءِ دعوت

گنجائش: ڪر جي گنجائش ۾ سمورين عمارتن، اڪيڊمڪس ۽ طبيعتي اڪيڊمڪس لائبريري جي تعمير، سمورا سول ۽ اليڪٽريڪل ڪر، لائيف لائين، نيٽ روڪنگ، سمورن روڊن جي تعمير، آرمي سي ايس، پاور پلانٽ، انهن جون نيڪال، رهائشي ۽ ڪاروباري سهولتن ۽ اڻ مڪمل اسٽريٽ لائين سڀاڻي لائينن جي تعمير، لينڊ اسڪيننگ ۽ پلاننگ جي دستاويزن ۽ فلنگ شامل آهن.

ڪٽيل لاڳت: جيئن واک دستاويزات ۾ ڄاڻايل آهي

اهليت: واسطيدار انڪرٽيڪس، سيلز ٽيڪس ۽ ٻين وقتي ۽ جوميٽيڪس ۽ پاڪستان انجنيئرنگ ڪائونسل سان لاڳاپيل ميمبرن جي ۽ سال 2012 لاءِ اسپيشلائيزيشن ڪورسز: CE_01, CE_02, CE_09, CE_10, ME_02, ME_06, EE_02, EE_03 سان ڪٽيل رجسٽريشن هئڻ گهرجي.

پري-ڪراليفنڪيشن دستاويزات:

دلچسپي رکندڙ فرمز/نيڪيڊار پري-ڪراليفنڪيشن دستاويزات جي ڳڻپ هيٺ ڄاڻايل ايڊريس تان ناقابل واپسي پري-ڪراليفنڪيشن جي 30% رين اڪثريت تي هزار رين جي ادائينگي تي حاصل ڪري سگهين ٿا.

اجراءَ جي آخري تاريخ

دستاويزات 2012-12-28 تي 3:00 وڳي تائين جاري ڪيا وڃن.

وصول ڪرڻ جي آخري تاريخ:

دستاويزات 2012-12-31 تي 3:00 وڳي تائين وڪيل ڪرڻ

گهرجن، جمع ڪرائڻ جي آخري تاريخ ڪانپو، ڪارڊ درخواست جي پري-ڪراليفنڪيشن جي ڪمي ويندي/يان وڙي تقويم هيٺ آندي ويندي.

مجاز اختياري ايس بي بي آرائي رولز جي لاڳاپيل تشریحات جي تحت ڪرڻ

ڪنهن به يا سمورين درخواستن کي قبول يارڊ ڪرڻ جو حق محفوظ ڪرڻ جي

درخواستگذارن کي پري-ڪراليفنڪيشن جي درخواست جي اڪثريت

جي نتيجن بابت وقت سر آگاهه ڪيو ويندو، صرف انهن فرمن مان ڪرڻ

کي واک لاءِ دعوت ڏني ويندي جيڪي هن عمل تحت پري-ڪراليفنڪيشن

ڪيل هوندا.

(پروفيسر ڊاڪٽر ابرار علي شيخ)

پرنسپال/پروحيڪٽ ڊائريڪٽر

غلام محمد مهر

ميڊيڪل ڪاليج سکر

INF/KRY No:4512/2012

Daily Jang 08-12-2012

علامہ محمد مہر میڈیکل کالج سکسٹھ فوٹو گیسٹ ہاؤس
فون نمبر: +0719310118 فیکس نمبر: +0719310117

طلبہ ہر گز کے کونسلر کونسلر کی بری کنڈیشن

دائرہ کار: کاموں کے دائرہ کار میں جملہ بلڈنگز، آئیڈیکس، ہاسٹل، آڈیٹوریوم، لائبریری کی تعمیر، جملہ سول اور الیکٹریکل ورک، پلمبنگ، گیس اور ٹیٹ ورکنگ، تمام روڈز، آرسی سی اسٹرام وائرڈ ریئر اور اسکے ڈسپوزل کی تعمیر، ریڈیویشنل اور کیوئل سہولتیں اور لائڈ اینڈ اینٹیلریز، سپلائی لائن کی تعمیر، لینڈ اسکیپنگ اور پلانٹیشن، لینڈ لیونگ اور فلنگ شامل ہیں۔

تعمینی لاگت: بڈنگ دستاویزات میں درج کردہ کے مطابق۔

اہلیت: متعلقہ انکم ٹیکس، سیلز ٹیکس، اور دیگر وفاقی و صوبائی اتھارٹیز اور متعلقہ کیٹیگری میں مع اسپیشلائزیشن کوڈز CE-01، CE-02، CE-09، CE-10، ME-02، ME-06، EE-02، EE-03 برائے سال 2012 کے پاس کارآمد رجسٹریشن۔

پری کوالیفیکیشن: خواہشمند فرمزا کونسلر کونسلر پری کوالیفیکیشن دستاویزات درج ذیل پتے سے دستاویزات: ناقابل واپس پری کوالیفیکیشن فیس-30000 روپے (صرف تین ہزار روپے) کی ادائیگی پر حاصل کر سکتے ہیں۔

اجراء کی آخری دستاویزات 28-12-2012 بوقت 3:00 بجے سے پہلے جاری کی تاریخ: جائیں گی۔

وصولی کیلئے دستاویزات 31-12-2012 بوقت 3:00 بجے سے پہلے وصول کی آخری تاریخ: جائیں گی۔ جمع کرنے کی آخری تاریخ کے بعد کوئی درخواست وصول اور/یا زیر غور نہیں لائی جائے گی۔

بجائز اتھارٹی یہ حق محفوظ رکھتی ہے کہ ایس پی پی آر اے رولز کے متعلقہ متدرجات سے شروط کسی یا جملہ درخواستوں کو قبول یا مسترد کر دے۔ درخواست گزاروں کو پری کوالیفیکیشن کی درخواستوں کی جانچ پڑتال کے نتائج سے بعد ازاں مطلع کیا جائے گا۔ اس کارروائی کے تحت صرف پری کوالیفیکیشن فرمزا کونسلر کونسلر کو پیش کیلئے مدعو کیا جائے گا۔

نوٹ: (پروفیسر ڈاکٹر ابرار علی شیخ)
پرنسپل / پروفیسر ڈائریکٹر
علامہ محمد مہر میڈیکل کالج سکسٹھ فوٹو گیسٹ ہاؤس

(INF/KRY.NO:451Z/12)

AFC CERTIFIED

Member of APNS

آپ اسے ایک وقت اشارت

Local Edition



DAILY YADGAR SUKUR



دائریہ بران میں سے زیادہ
Regd. No: ST/04

روزنامہ

لا تظالمون
ولا تظالمون
ہم ظلم کرے
ہم پر ظلم نہ کرے
(القرآن)

قیمت 4 روپے

چیف ایڈیٹر: ریاض شاہد

Ph: 5628198 Fax: 5628199
Email: yadgarsuk@yahoo.com

شمارہ 106

جمعہ 22 محرم 1434ھ بمطابق 7 دسمبر 2012ء

جلد 45

اسٹبلشمنٹ: آف غلام محمد مہر میڈیکل کالج سکھر



کنٹرولنگ ایڈیٹر: پروفیسر ڈاکٹر محمد رفیق کواٹھیکیشن کیلئے لاہور

اسکوپ:

کاموں بشمول تمام بلڈنگز کی تعمیر اور کنکریٹ، پورٹل، ایڈیٹوریٹ، لائبریری، تمام سول اور الیکٹریکل ورکس، پبلنگ، ٹیکس اور ٹریڈ ورکس، تمام سڑکوں کی تعمیر آرمی اسپتارم، انڈسٹریز اور اس کا اسپتال۔ رہائشی اور کمرشل عماریات اور لائبریری، تعمیر و انفراسٹرکچر، لائبریری، اسکول، اور پلانٹیشن، لینڈ لیوٹنگ اینڈ فلنگ کا اسکوپ۔

تفصیلاً لاگت جیسا کہ ہولی دستاویزات میں درج ہے:

اہلیت: مختلف اہلکاروں، انجینئرز اور دیگر ذاتی اور صوبائی اداروں اور پاکستان، انجینئرنگ کونسل سے مختلف کنکریٹ میں اسپیشلائزیشن کورس کے ساتھ، CE-01, CE-02, ME-02, ME-06, EE-02, EE-03 CE-09, CE-10, ME-02, ME-06, EE-02, EE-03 سال 2012 ویلڈ رجسٹریشن

پری کوالیفیکیشن دستاویزات:

خواہشمند فرمیں کنٹرولنگ ایڈیٹر پری کوالیفیکیشن دستاویزات ذاتی طور پر درج ذیل ایڈریس سے طلبتہ تا قابل واپسی پری کوالیفیکیشن فیس - 3000/- روپے (تین ہزار روپے صرف) حاصل کر سکتے ہیں۔

اجراء کی ڈیڈ لائن:

ڈاکومنٹس 28.12.2012 بوقت 03:00 بجے بعد دوپہر تک جاری رکھے جائیں گے۔

وصولی کیلئے ڈیڈ لائن:

ڈاکومنٹس 31.12.2012 بوقت 03:00 بجے بعد دوپہر تک وصول رکھے جائیں گے۔ مع کرانے کی ڈیڈ لائن گزرنے کے بعد کوئی درخواست وصول کی جا سکی اور اس پر توجہ دی جائے گی۔

جدا جہادوں کوئی یا تمام درخواستیں ایس بی پی آر سے راز کے تحت پریوزیوں کے تحت منظور یا مسترد کرنے کے حقوق محفوظ رکھی گئے۔

پری کوالیفیکیشن کی درخواستوں کے نتائج سے درخواست گزاروں کو مطلع کر دیا جائے گا۔ پرائمری کے تحت صرف پری کوالیفیکیشن کی سالانہ فیس یا کسی اور کوئی بھی فیس دی جائے گی۔

رہنما (ریجنل مینیجر سکھر)

پری کوالیفیکیشن

اسٹبلشمنٹ آف غلام محمد مہر میڈیکل کالج سکھر

EX-100-592412

Phone # +0719310118

Fax # +0719310117



Establishment of Ghulam Muhammad Mahar Medical College Sukkur

INVITATION FOR PRE-QUALIFICATION OF CONTRACTORS

Scope: *The scope of the works including Construction of all buildings, Academics, Hostels, Auditorium, Library, all civil and electrical work, plumbing, gas and net working, Construction of all roads, RCC Storm Water drains and its disposal, Residential and Communal Facilities and Allied ancillaries Construction of water supply lines, landscaping and plantation, land levelling and filling.*

Estimated Cost: As Mentioned in the bidding documents.

Eligibility: Valid Registration with relevant Income Tax, Sales Tax and Other Federal and Provincial authorities and Pakistan Engineering Council in relevant category with specialization codes CE-01, CE-02, CE-09, CE-10, ME-02, ME-06, EE-02, EE-03, for the year 2012.

Pre-qualification Documents:

Interested firms/contractors can obtain the pre-qualification documents in person from the address mentioned below on payment of non-refundable Pre-qualification fee Rs.3000.00/- (Rupees Three Thousand Only)

Dead Line of Issuance:

Documents to be issued up to 28-12-12 at 3:00 p.m.

Dead Line for Receipt:

Documents to be received up to 31-12-12 at 3:00 p.m.
No Application will be received and/or entertained after the dead line of submission.

The Competent Authority reserves the right to accept or reject any or all applications subject to relevant provision of SPPRA Rules.

Applicants will be informed in due course of the results of the evaluations of application of Pre-Qualifications. Only firms or contractors pre-qualified under this process will be invited to bid.

(Prof. Dr. Abrar Ali Shaikh)
Principal Project Director
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

✓
M/s Willayatullah & Sons
C-26, Block-17, Gulshan-e-Iqbal
K.D.A Scheme # 24,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 01) "Construction of Flats Grade-20 & above and Grade- 18-19". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.30, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

The Tender for the works will be issued up to 5.00 P.M Feb-26-2018 after that no tender will be issued. The Tenders are to be received at the above mentioned address on or before 12.00 noon Feb-27-2018 along with bid security of 2- ½ % in shape of pay order/ demand draft in name of Project Director /Deputy Commissioner Sukkur after that no tender will be accepted.

The tender will be opened on same date at 1.00 P.M Feb-27-2018 in the office of Project Director/ Deputy Commissioner Sukkur.

The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur.
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

✓
M/s Muhammad Ramzan & Co
Sindhi Co-operative Housing
Society Opposite New Sabzi Mandi
Shikapur Road,
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 01) "Construction of Flats Grade-20 & above and Grade- 18-19". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.30, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIR
GMMC COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur.
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ **80**

Dated: **08-02-2018**

To,

✓
M/s Umar Jan & Co
Plot No. 147, Block-A
Cooperative Housing
Society, Nara Stop
Main Shikapur Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 01) "Construction of Flats Grade-20 & above and Grade- 18-19". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.30, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

**DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMMC COLLEGE SUKKUR.**

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

**(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Phone # 071- 5612052

Fax # 071-5612052

**OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR**

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Niazamuddin Dahar & Sons
House # 100/03 Military Road
Near Al-Faisal Hospital
Sukkur.

**Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD
MAHAR MEDICAL COLLEGE SUKKUR.**

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Ghulam Muhammad Mahar
Medical College Sukkur.

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PROJECT DIRECTOR
GMMC COLLEGE SUKKUR.

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04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Signature)

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maha.
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone #.071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s A.Z Builders
A-124, Sindhi Cooperative Housing
Society Airport Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GHULAM MUHAMMAD MAHAR
MEDICAL COLLEGE SUKKUR

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04. Resident Engineer Estt: of GMMMC Sukkur.
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr. Zahid Ali Kakahti)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

**OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR**

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

M/s Muhammad Ayub & Brothers
815/C, Block-2, P.E.C.H.S.,
Central Commercial Area,
Karachi.

**Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD
MAHAR MEDICAL COLLEGE SUKKUR.**

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Medical College Sukkur.

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PROJECT DIRECTOR
GMMMC COLLEGE SUKKUR

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04. Resident Engineer Estt: of GMMMC Sukkur. .
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ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maha
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

✓
M/s Ziauddin Ahmed & Co
501, Bank and Business Centre,
Plot No. A/6, Block 7/8, K.C.H.S.,
Sultan Ahmed Shah Road,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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Medical College Sukkur.

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PROJECT DIRECTOR
GMMMC COLLEGE SUKKUR

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05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



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Fax # 071-5612052

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Dated: 08-02-2018

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Medical College Sukkur.

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PROJECT DIRECTOR
GMMC COLLEGE SUKKUR.

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04. Resident Engineer Estt: of GMMMC Sukkur..
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr. Zahid Ali Kolachij)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

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OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

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A-124, Sindhi Cooperative Housing
Society Airport Road
Sukkur.

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Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GHULAM MUHAMMAD MAHAR
MEDICAL COLLEGE SUKKUR.

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05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.


(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR
NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

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M/s Muhammad Ayub & Brothers
815/C, Block-2, P.E.C.H.S.,
Central Commercial Area,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

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Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



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OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Muhammad Ramzan & Co
Sindhi Co-operative Housing
Society Opposite New Sabzi Mandi
Shikapur Road,
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
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Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
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Medical College Sukkur.



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**OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR**

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Willayatullah & Sons
C-26, Block-17, Gulshan-e-Iqbal
K.D.A Scheme # 24,
Karachi.

**Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD
MAHAR MEDICAL COLLEGE SUKKUR.**

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GHULAM MUHAMMAD MAHAR
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Ghulam Muhammad Mahar
Medical College Sukkur.


(Engr. Zahid Ali Kolaohi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

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Medical College Sukkur.**

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GHULAM MUHAMMAD MAHAR
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Project Engineer
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Dated: 08-02-2018

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Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 03) "Construction of Flats Grade-05-09 and Grade- 01-04". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.20, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

The Tender for the works will be issued up to 5.00 P.M Feb-26-2018 after that no tender will be issued. The Tenders are to be received at the above mentioned address on or before 12.00 noon Feb-27-2018 along with bid security of 2- ½ % in shape of pay order/ demand draft in name of Project Director /Deputy Commissioner Sukkur after that no tender will be accepted.

The tender will be opened on same date at 1.00 P.M Feb-27-2018 in the office of Project Director/ Deputy Commissioner Sukkur.

The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur. .
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

**DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMMC COLLEGE SUKKUR**

ATTESTED

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

**(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Niazamuddin Dahar & Sons
House # 100/03 Military Road
Near Al-Faisal Hospital
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the following works.

(Package # 04)

- Construction of Auditorium
- Construction of Library
- Construction of Mosque
- Construction of Maintenance Work Shop
- Construction of Central Canteen
- Construction of Market

You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.15, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

Copy fwd to:-

31. Project Engineer Estt: of GMMMC Sukkur.
32. Executive Engineer Buildings Division Sukkur.
33. Assistant Executive Engineer Buildings Sub-Division Sukkur.
34. Resident Engineer Estt: of GMMMC Sukkur..
35. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

**(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s A.Z Builders
A-124, Sindhi Cooperative Housing
Society Airport Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the following works.

(Package # 04)

- Construction of Auditorium
- Construction of Library
- Construction of Mosque
- Construction of Maintenance Work Shop
- Construction of Central Canteen
- Construction of Market

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**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GHULAM MUHAMMAD MAHAR
MEDICAL COLLEGE SUKKUR.

Copy fwd to:-

26. Project Engineer Estt: of GMMMC Sukkur.
27. Executive Engineer Buildings Division Sukkur.
28. Assistant Executive Engineer Buildings Sub-Division Sukkur.
29. Resident Engineer Estt: of GMMMC Sukkur. .
30. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur.

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

M/s Muhammad Ayub & Brothers
815/C, Block-2, P.E.C.H.S.,
Central Commercial Area,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the following works.

[Package # 04]

- Construction of Auditorium
- Construction of Library
- Construction of Mosque
- Construction of Maintenance Work Shop
- Construction of Central Canteen
- Construction of Market

You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.15, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

DEPUTY COMMISSIONER SUKKUR

PROJECT DIRECTOR

GHULAM MUHAMMAD MAHAR

Copy fwd to:-

21. Project Engineer Estt: of GMMMC Sukkur.
22. Executive Engineer Buildings Division Sukkur.
23. Assistant Executive Engineer Buildings Sub-Division Sukkur.
24. Resident Engineer Estt: of GMMMC Sukkur. .
25. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

**(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Muhammad Ramzan & Co
Sindhi Co-operative Housing
Society Opposite New Sabzi Mandi
Shikapur Road,
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the following works.

(Package # 04)

- Construction of Auditorium
- Construction of Library
- Construction of Mosque
- Construction of Maintenance Work Shop
- Construction of Central Canteen
- Construction of Market

You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.15, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept, or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

**DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR**

Copy fwd to:-

16. Project Engineer Estt: of GMMMC Sukkur.
17. Executive Engineer Buildings Division Sukkur.
18. Assistant Executive Engineer Buildings Sub-Division Sukkur.
19. Resident Engineer Estt: of GMMMC Sukkur. .
20. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

**(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Phone # 071- 5612052

Fax # 071-5612052

**OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR**
NO: PD/GMC/SUK/ (ADP) 2017-18/ 20

Dated: 08-02-2018

To,

✓
M/s Willayatullah & Sons
C-26, Block-17, Gulshan-e-Iqbal
K.D.A Scheme # 24,
Karachi.

**Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD
MAHAR MEDICAL COLLEGE SUKKUR.**

The undersigned is pleased to invite bid from eligible/prequalified bidders for the following works.

(Package # 04)

- Construction of Auditorium
- Construction of Library
- Construction of Mosque
- Construction of Maintenance Work Shop
- Construction of Central Canteen
- Construction of Market

You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.15, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

**DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR**

Copy fwd to:-

11. Project Engineer Estt: of GMMMC Sukkur.
12. Executive Engineer Buildings Division Sukkur.
13. Assistant Executive Engineer Buildings Sub-Division Sukkur.
14. Resident Engineer Estt: of GMMMC Sukkur..
15. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

**(Engr. Zahid Ali Kofachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Phone # 071- 5612052

Fax # 071-5612052

**OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR**

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

M/s Ziauddin Ahmed & Co
501, Bank and Business Centre,
Plot No. A/6, Block 7/8, K.C.H.S.,
Sultan Ahmed Shah Road,
Karachi.

**Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD
MAHAR MEDICAL COLLEGE SUKKUR.**

The undersigned is pleased to invite bid from eligible/prequalified bidders for the following works.

(Package # 04)

- Construction of Auditorium
- Construction of Library
- Construction of Mosque
- Construction of Maintenance Work Shop
- Construction of Central Canteen
- Construction of Market

You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.15, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

**DEPUTY COMMISSIONER SUKKUR/
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR,**

Copy fwd to:-

06. Project Engineer Estt: of GMMMC Sukkur.
07. Executive Engineer Buildings Division Sukkur.
08. Assistant Executive Engineer Buildings Sub-Division Sukkur.
09. Resident Engineer Estt: of GMMMC Sukkur. .
10. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

**(Sagr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/080

Dated: 08-02-2018

To,

M/s Umar Jan & Co
Plot No. 147, Block-A
Cooperative Housing
Society, Nara Stop, Main Shikapur Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the following works.

(Package # 04)

- Construction of Auditorium
- Construction of Library
- Construction of Mosque
- Construction of Maintenance Work Shop
- Construction of Central Canteen
- Construction of Market

You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.15, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

**DEPUTY COMMISSIONER SUKKUR/
PROJECT DIRECTOR
GMMAC COLLEGE SUKKUR.**

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

**(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

-To,

✓
M/s Niazamuddin Dahar & Sons
House # 100/03 Military Road
Near Al-Faisal Hospital
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the "Construction of Boundary Wall for Female Hostel ". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.5, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT OFFICE
GMMC COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

✓
M/s A.Z Builders
A-124, Sindhi Cooperative Housing
Society Airport Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the "Construction of Boundary Wall for Female Hostel ". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.5, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR.

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Eng. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Muhammad Ayub & Brothers
815/C, Block-2, P.E.C.H.S.,
Central Commercial Area,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the "Construction of Boundary Wall for Female Hostel". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.5, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMMC COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maha
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

M/s Muhammad Ramzan & Co
Sindhi Co-operative Housing
Society Opposite New Sabzi Mandi
Shikapur Road,
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the "Construction of Boundary Wall for Female Hostel ". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.5, 000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

The Tender for the works will be issued up to 5.00 P.M Feb-26-2018 after that no tender will be issued. The Tenders are to be received at the above mentioned address on or before 12.00 noon Feb-27-2018 along with bid security of 2- ½ % in shape of pay order/ demand draft in name of Project Director /Deputy Commissioner Sukkur after that no tender will be accepted.

The tender will be opened on same date at 1.00 P.M Feb-27-2018 in the office of Project Director/ Deputy Commissioner Sukkur.

The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur.
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

✓
M/s Willayatullah & Sons
C-26, Block-17, Gulshan-e-Iqbal
K.D.A Scheme # 24,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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Medical College Sukkur.

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PROJECT DIRECTOR
GHULAM MUHAMMAD MAHAR
MEDICAL COLLEGE SUKKUR

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ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director,
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

M/s Ziauddin Ahmed & Co
501, Bank and Business Centre,
Plot No. A/6, Block 7/8, K.C.H.S.,
Sultan Ahmed Shah Road,
Karachi.

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GMMC COLLEGE SUKKUR

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Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

✓
M/s Umar Jan & Co
Plot No. 147 , Block-A
Cooperative Housing
Society, Nara Stop
Main Shikapur Road
Sukkur.

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Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR

PROJECT DIRECTOR

GMMMC SUKKUR

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04. Resident Engineer Estt: of GMMMC Sukkur.
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTEST

(Engr: Zahid Ali Kotachi)

Project Engineer

Ghulam Muhammad Mahar

Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 80

Dated: 08-02-2018

To,

M/s Niazamuddin Dahar & Sons
House # 100/03 Military Road
Near Al-Faisal Hospital
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the "Construction of Boundary Wall for Male Hostel ". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.5, 000/=

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Medical College Sukkur @ DC office Sukkur"
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Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMMC COLLEGE SUKKUR

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04. Resident Engineer Estt: of GMMMC Sukkur..
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/ 20

Dated: 08-02-2018

To,

M/s A.Z Builders
A-124, Sindhi Cooperative Housing
Society Airport Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the "Construction of Boundary Wall for Male Hostel ". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.5, 000/=

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**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COL PDC SUKKUR.

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03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**

ATTESTED

**(Engr: Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR
NO: PD/GMC/SUK/ (ADP) 2017-18/ 80 Dated: 08-02-2018

To,

M/s Muhammad Ayub & Brothers
815/C, Block-2, P.E.C.H.S.,
Central Commercial Area,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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Medical College Sukkur @ DC office Sukkur"
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Ghulam Muhammad Mahar
Medical College Sukkur.

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DEPUTY COMMISSIONER SUKKUR
- PROJECT DIRECTOR
GMMMC COLLEGE SUKKUR.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

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**OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR**

NO: PD/GMC/SUK/ (ADP) 2017-18/ 20

Dated: 08-02-2018

To,

✓
M/s Muhammad Ramzan & Co
Sindhi Co-operative Housing
Society Opposite New Sabzi Mandi
Shikapur Road,
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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GMMC COLLEGE SUKKUR.

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Ghulam Muhammad Mahar
Medical College Sukkur.


(Engr: Zahid Ali Kolachi)
Project Engineer
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Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

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GHULAM MUHAMMAD MAHAR
MEDICAL COLLEGE SUKKUR

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Medical College Sukkur

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Medical College Sukkur.**

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GMMC COLLEGE SUKKUR

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ATTESTED

**(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

**Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.**



Establishment of Ghulam Muhammad Mahar Medical College Sukkur

INVITATION FOR PRE-QUALIFICATION OF CONTRACTORS

Scope: *The scope of the works including Construction of all buildings, Academics, Hostels, Auditoriums, Library, all civil and electrical work, plumbing, gas and net working, Construction of all roads, RCC Storm Water drains and its disposal, Residential and Communal Facilities and Allied ancillaries Construction of water supply lines, landscaping and plantation, land levelling and filling.*

Estimated Cost: As Mentioned in the bidding documents.

Eligibility: Valid Registration with relevant Income Tax, Sales Tax and Other Federal and Provincial authorities and Pakistan Engineering Council in relevant category with specialization codes CE-01, CE-02, CE-09, CE-10, ME-02, ME-06, EE-02, EE-03, for the year 2012.

Pre-qualification Documents:

Interested firms/contractors can obtain the pre-qualification documents in person from the address mentioned below on payment of non-refundable Pre-qualification fee Rs.3000.00/- (Rupees Three Thousand Only).

Dead Line of Issuance:

Documents to be issued up to 28-12-12 at 3:00 p.m.

Dead Line for Receipt:

Documents to be received up to 31-12-12 at 3:00 p.m.
No Application will be received and/or entertained after the dead line of submission.

The Competent Authority reserves the right to accept or reject any or all applications subject to relevant provision of SPPRA Rules.

Applicants will be informed in due course of the results of the evaluations of application of Pre-Qualifications. Only firms or contractors pre-qualified under this process will be invited to bid.

(Prof. Dr. Abrar Ali Shaikh)
Principal/Project Director
Ghulam Muhammad Mahar

E. Tribut
07/12
INF-KRY:No. 4512/12

Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR
NO: PD/GMC/SUK/ (ADP) 2017-18/80 Dated: 08-02-2018

To,

✓
M/s Willayatullah & Sons
C-26, Block-17, Gulshan-e-Iqbal
K.D.A Scheme # 24,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 02) "Construction of Flats Grade-15-17 and Grade- 10-14". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.25, 000/=

"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052

The Tender for the works will be issued up to 5.00 P.M Feb-26-2018 after that no tender will be issued. The Tenders are to be received at the above mentioned address on or before 12.00 noon Feb-27-2018 along with bid security of 2- ½ % in shape of pay order/ demand draft in name of Project Director /Deputy Commissioner Sukkur after that no tender will be accepted.

The tender will be opened on same date at 1.00 P.M Feb-27-2018 in the office of Project Director/ Deputy Commissioner Sukkur.

The Project Director/ Deputy Commissioner Sukkur reserves the rights to accept or cancel all bids without assigning any reason as per SPPRA rules 2010.

Please acknowledge receipt of this letter.

Thanking you,

(RAHEEM BAKHS MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Niazamuddin Dahar & Sons
House # 100/03 Military Road
Near Al-Faisal Hospital
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 02) "Construction of Flats Grade-15-17 and Grade- 10-14". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.25,000/=

"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052

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Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

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02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr: Zahid Ali Kofachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR
NO: PD/GMC/SUK/ (ADP) 2017-18/80 Dated: 08-02-2018

To,

✓
M/s A.Z Builders
A-124, Sindhi Cooperative Housing
Society Airport Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 02) "Construction of Flats Grade-15-17 and Grade- 10-14". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.25,000/=

"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
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Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR
NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Muhammad Ramzan & Co
Sindhi Co-operative Housing
Society Opposite New Sabzi Mandi
Shikapur Road,
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

The undersigned is pleased to invite bid from eligible/prequalified bidders for the (Package # 02) "Construction of Flats Grade-15-17 and Grade- 10-14". You are requested to collect requisite tender documents from Project office at office of the Deputy Commissioner Sukkur after depositing cash non-refundable tender fee Rs.25,000/=

**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052**

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(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GHULAM MUHAMMAD MAHAR
MEDICAL COLLEGE SUKKUR

Copy fwd to:-

01. Project Engineer Estt: of GMMMC Sukkur.
02. Executive Engineer Buildings Division Sukkur.
03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur..
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR
NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Ziauddin Ahmed & Co
501, Bank and Business Centre,
Plot No. A/6, Block 7/8, K.C.H.S.,
Sultan Ahmed Shah Road,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052

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(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR.

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04. Resident Engineer Estt: of GMMMC Sukkur. .
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR

ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR

NO: PD/GMC/SUK/ (ADP) 2017-18/80

Dated: 08-02-2018

To,

✓
M/s Umar Jan & Co
Plot No. 147 , Block-A
Cooperative Housing
Society, Nara Stop
Main Shikapur Road
Sukkur.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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**"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
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(RAHEEM BAKHSH MAITLO)

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Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR

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ATTEST

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.



Phone # 071- 5612052

Fax # 071-5612052

OFFICE OF THE DEPUTY COMMISSIONER SUKKUR/PROJECT DIRECTOR
ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR
NO: PD/GMC/SUK/ (ADP) 2017-18/88

Dated: 08-02-2018

To,

✓
M/s Muhammad Ayub & Brothers
815/C, Block-2, P.E.C.H.S.,
Central Commercial Area,
Karachi.

Subject: CONSTRUCTION OF ESTABLISHMENT OF GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE SUKKUR.

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"Deputy Commissioner Sukkur/ Project Director
Establishment of Ghulam Muhammad Mahar
Medical College Sukkur @ DC office Sukkur"
Contact # 071-5612052, Fax#071-5612052

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Thanking you,

(RAHEEM BAKHSH MAITLO)

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

DEPUTY COMMISSIONER SUKKUR
PROJECT DIRECTOR
GMMC COLLEGE SUKKUR.

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03. Assistant Executive Engineer Buildings Sub-Division Sukkur.
04. Resident Engineer Estt: of GMMMC Sukkur.
05. Zaheeruddin Consultant (Pvt) Ltd Karachi.

ATTESTED

Deputy Commissioner Sukkur/ Project Director
Ghulam Muhammad Mahar
Medical College Sukkur.

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur



**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR.**

Package – 1

- i) Residential Flats for Grade 20
- ii) Residential Flats for Grade 18-19

Tender Documents

Part – I

***Invitation for Bids
Instruction to Bidders
Bidding Data
Form of Bid and Appendices to Bid
Bill of Quantities
Bid Security Form
Form of Performance Security
Form of Contract Agreement
Mobilization Advance Guarantee/Bond
Indenture Bond for Secured***

Consultants:



ZAHEERUDDIN CONSULTANTS (PVT.) LTD.

■ Architects ■ Planners ■ Engineers ■ Construction Managers
5-A, Sindhi Muslim Society, Karachi – 74400 (Pakistan)
Tel:# 3455 0321 (4 Lines) Fax: (92-21) 3455 5251 E-mail: zckhi@gmail.com
Email: info@zaheeruddinconsultants.org, www.zaheeruddinconsultants.org



SPECIAL STIPULATIONS

Clause

Conditions of Contract

1.	Engineer representing Consulting Firm hired by the procuring agency to issue variation in case of emergency, in foreign funded projects.	2.1	<i>Not Applicable</i>
2.	Amount of Performance Security	10.1	10% of Contract Price.
3.	Time for Furnishing Programme	14.1	Within 28 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Insurance	23.2	Rs. 500,000/- per occurrence with number of occurrences unlimited.
5.	Time for Commencement	41.1	Within 14 days from the date of receipt of Engineer's Notice to Commence, this shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion	43.1 48.2	548 days from the date of receipt of Engineer's Notice to Commence
7.	a) Amount of Liquidated Damages	+47.1	Rs.100,000.00 for each day of delay in completion of the works subject to a maximum of 10% of contract price stated in the Letter of Acceptance.
	b) Amount of Bonus (it is discretion of procuring agency to pay bonus, only in cases where time is of critical value).	47.3	<i>Not Applicable</i>
8.	Defects Liability Period	49.1	548 days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	60.2	10 % of the amount of Interim/Running Payment Certificate (Total value 5% of the Bid amount).
10.	Limit of Retention Money	60.2	5% of Contract Price stated in the Letter of Acceptance.
11.	Minimum amount of Interim/Running Payment Certificates	60.2	Rs. 5.0 million
12.	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	60.10	30 days
13.	Mobilization Advance (Interest Free in case of foreign funded projects only)	60.12	10% of Contract Price stated in the Letter of Acceptance, against Bank Guarantee.

As explained in the Special Conditions Part-II of Contract.

ATTESTED



(Engr: Zahid Ali (Kofachi))
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bids, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the works.
6. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 58.2 of Part I, General Conditions of Contract.

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

BD-2
Appendix-D to Bid

BILL OF QUANTITIES

(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

ATTESTED



(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR**

GRAND SUMMARY

PACKAGE - 1

01.	Grade 20 & Above	Rs. _____
02.	Grade 18 - 19 & Above	Rs. _____
GRAND TOTAL OF PACKAGE-1 =		Rs. _____ _____

(Rupees in Words)

ATTESTED



(Engr. Zaid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 20 & ABOVE

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 192,732,579.84	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 4,771,872.76	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 4,447,657.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
Total Rs. _____		

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 20 & ABOVE

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
-------	----------	-------------	------	-----------------------	----------------------	--------

SCHEDULE ITEMS:

01.	9,700 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		913,379.16
02.	11,150 Cft	Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering): (i) Ratio 1:3:6 a) Ground Floor	%Cft	12,595.00		1,404,342.50
	160 Cft	b) First Floor	%Cft	12,595.00		20,152.00
	160 Cft	c) Second Floor	%Cft	13,805.00		22,088.00
	160 Cft	d) Third Floor	%Cft	13,805.00		22,088.00
	160 Cft	e) Fourth Floor	%Cft	14,561.25		23,298.00
	160 Cft	f) Fifth Floor	%Cft	15,317.50		24,508.00
	5,925 Cft	(ii) Ratio 1:4:8 (Under Floor) (S.I. No.5(h) & 12 (a&b) and 5(i) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		668,858.44
03.	21,990 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,127.41		687,717.46
04.	76,925 Cft	Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendring and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural mambers laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge: a) Foundation	Cft	337.00		25,923,725.00
	19,500 Cft	b) Ground Floor	Cft	337.00		6,571,500.00
	13,170 Cft	c) First Floor	Cft	349.10		4,597,647.00
	13,170 Cft	d) Second Floor	Cft	361.20		4,757,004.00
	13,170 Cft	e) Third Floor	Cft	373.30		4,916,361.00
	13,170 Cft	f) Fouth Floor	Cft	385.40		5,075,718.00
	16,670 Cft	g) Fifth Floor (S.I. No.6(a)(i) chapter 4 of Schedule of Rates 2012)	Cft	397.40		6,624,658.00

ATTESTED

(Signature)

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
05.	2,355 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		92,147.62
06.	21,990 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		607,141.70
07.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints:				
	19,100 Cft	a) Ground Floor	%Cft	12,674.36		2,420,802.76
	19,155 Cft	b) First Floor	%Cft	13,112.99		2,511,793.23
	19,155 Cft	c) Second Floor	%Cft	13,687.74		2,621,886.60
	19,155 Cft	d) Third Floor	%Cft	14,262.49		2,731,979.96
	19,155 Cft	e) Fourth Floor	%Cft	15,260.74		2,923,194.75
	20,270 Cft	f) Fifth Floor (S.I. No.5(i)(e) chapter 5 of Schedule of Rates 2012)	%Cft	15,260.74		3,093,352.00
08.	2,000 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		22,825.00
09.	5,925 Cft	Dry rammed brick or stone ballast 1 1/2" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		197,154.38
10.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete:				
	760 Sft	a) Ground Floor	%Sft	27,678.86		210,359.34
	760 Sft	b) First Floor	%Sft	27,905.79		212,084.00
	760 Sft	c) Second Floor	%Sft	28,132.62		213,807.91
	760 Sft	d) Third Floor	%Sft	28,359.50		215,532.20
	760 Sft	e) Fourth Floor	%Sft	28,586.38		217,256.49
	760 Sft	f) Fifth Floor (S.I. No.24 chapter 8 of Schedule of Rates 2012)	%Sft	28,813.26		218,980.78
11.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing:				
	3,570 Sft	a) Ground Floor	%Sft	28,299.30		1,010,285.01
	3,570 Sft	b) First Floor	%Sft	28,299.30		1,010,285.01
	3,570 Sft	c) Second Floor	%Sft	28,299.30		1,010,285.01
	3,570 Sft	d) Third Floor	%Sft	28,299.30		1,010,285.01
	3,570 Sft	e) Fourth Floor	%Sft	28,299.30		1,010,285.01
	3,570 Sft	f) Fifth Floor (S.I. No.38 chapter 8 of Schedule of Rates 2012)	%Sft	28,299.30		1,010,285.01
12.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels:				
	720 Sft	a) Ground Floor	%Sft	3,275.50		23,583.60
	13,690 Sft	b) Above Fifth Floor (S.I. No.16(c) & 18 chapter 8 of Schedule of Rates 2012)	%Sft	4,409.90		603,715.31

ATTESTED

Zahid

(Engr: Zahid Ali Koiachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
13.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	13,690 Sft	a) Ground Floor (S.I. No.38 chapter 7 of Schedule of Rates 2012)	Sft	10.70		146,483.00
14.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	14,200 Sft	a) Under Floor	%Sft	1,887.40		268,010.80
	13,690 Sft	b) Above Fifth Floor (S.I. No.13 chapter 7 of Schedule of Rates 2012)	%Sft	1,887.40		258,385.06
15.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal):				
	30,310 Sft	a) Ground Floor	%Sft	2,122.72		643,396.43
	30,310 Sft	b) First Floor	%Sft	2,122.72		643,396.43
	30,310 Sft	c) Second Floor	%Sft	2,122.72		643,396.43
	30,310 Sft	d) Third Floor	%Sft	2,122.72		643,396.43
	30,310 Sft	e) Fourth Floor	%Sft	2,122.72		643,396.43
	30,310 Sft	f) Fifth Floor	%Sft	2,122.72		643,396.43
	720 Sft	g) Above Fifth Floor (S.I. No.13(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,122.72		15,283.58
16.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal):				
	30,310 Sft	a) Ground Floor	%Sft	2,197.52		666,068.31
	30,310 Sft	b) First Floor	%Sft	2,197.52		666,068.31
	30,310 Sft	c) Second Floor	%Sft	2,197.52		666,068.31
	30,310 Sft	d) Third Floor	%Sft	2,197.52		666,068.31
	30,310 Sft	e) Fourth Floor	%Sft	2,197.52		666,068.31
	30,310 Sft	f) Fifth Floor	%Sft	2,197.52		666,068.31
	720 Sft	g) Above Fifth Floor	%Sft	2,197.52		15,822.14
	182,580	(S.I. No.11(a) chapter 9 of Schedule of Rates 2012)				
17.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat External):				
	16,620 Sft	a) Ground Floor	%Sft	2,122.72		352,796.06
	12,325 Sft	b) First Floor	%Sft	2,262.72		278,880.24
	12,325 Sft	c) Second Floor	%Sft	2,402.72		296,135.24
	12,325 Sft	d) Third Floor	%Sft	2,542.72		313,390.24
	12,325 Sft	e) Fourth Floor	%Sft	2,682.72		330,645.24
	16,875 Sft	f) Fifth Floor (S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft	2,822.72		476,334.00
18.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External):				
	3,375 Sft	a) Ground Floor	%Sft	2,197.52		74,166.30
	2,000 Sft	b) First Floor	%Sft	2,337.52		46,750.40
	2,000 Sft	c) Second Floor	%Sft	2,477.52		49,550.40
	2,000 Sft	d) Third Floor	%Sft	2,617.52		52,350.40
	2,000 Sft	e) Fourth Floor	%Sft	2,757.52		55,150.40
	6,450 Sft	f) Fifth Floor	%Sft	2,897.52		186,890.40
	17,825	(S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)				

ATTESTED

(Signature)

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
19.	32 Each	Rain water down pipe cast iron rain heads fixed in place. Making Khuras on Roof 2'-0" x 2'-0" x 0'-6". (S.I. No.23, chapter-7 of Schedule of Rates 2012)	Each	673.29		21,545.28
20.	32 Each	Shoes, bends or offsets for cast iron rain water down. (S.I. No.24, chapter 7 of Schedule of Rates 2012)	Each	542.03		17,344.96
21.	32 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6". (S.I. No.18 chapter 7 of Schedule of Rates 2012)	Each	358.68		11,477.76
22.	32 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4'1/2", 3" cement concrete (1:4:8). (S.I. No.19 chapter 7 of Schedule of Rates 2012)	Each	649.83		20,794.56
23.		Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars):				
	5,809 Cwt	a) Foundation	Cwt	5,001.70		29,054,875.30
	1,875 Cwt	b) Ground Floor	Cwt	5,001.70		9,378,187.50
	735 Cwt	c) First Floor	Cwt	5,152.95		3,787,418.25
	735 Cwt	d) Second Floor	Cwt	5,304.20		3,898,587.00
	735 Cwt	e) Third Floor	Cwt	5,455.45		4,009,755.75
	735 Cwt	f) Fourth Floor	Cwt	5,606.70		4,120,924.50
	985 Cwt	g) Fifth Floor (S.I. No.8(b) chapter 4 of Schedule of Rates 2012)	Cwt	5,757.95		5,671,580.75
24.		First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1-3/4" thick.				
	1,190 Sft	a) Ground Floor	Sft	1,273.76		1,515,774.40
	1,190 Sft	b) First Floor	Sft	1,273.76		1,515,774.40
	1,190 Sft	c) Second Floor	Sft	1,273.76		1,515,774.40
	1,190 Sft	d) Third Floor	Sft	1,273.76		1,515,774.40
	1,190 Sft	e) Fourth Floor	Sft	1,273.76		1,515,774.40
	1,215 Sft	f) Fifth Floor (S.I. No.7(b) chapter 10 of Schedule of Rates 2012)	Sft	1,273.76		1,547,618.40
25.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete. (b) 1 1/2" thick deodar wood framing including wire gauze with ordinary hinges.				

ATTESTED

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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	225 Sft	a) Ground Floor	Sft	562.98		126,670.50
	225 Sft	b) First Floor	Sft	562.98		126,670.50
	225 Sft	c) Second Floor	Sft	562.98		126,670.50
	225 Sft	d) Third Floor	Sft	562.98		126,670.50
	225 Sft	e) Fourth Floor	Sft	562.98		126,670.50
	225 Sft	f) Fifth Floor	Sft	562.98		126,670.50

-(S.I.No:14 (b),Chapter-10 of Schedule of Rate of 2012).

26. Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges):

	2,935 Sft	a) Ground Floor	%Sft	2,116.41		62,116.63
	2,935 Sft	b) First Floor	%Sft	2,116.41		62,116.63
	2,935 Sft	c) Second Floor	%Sft	2,116.41		62,116.63
	2,935 Sft	d) Third Floor	%Sft	2,116.41		62,116.63
	2,935 Sft	e) Fouth Floor	%Sft	2,116.41		62,116.63
	2,935 Sft	f) Fifth Floor	%Sft	2,116.41		62,116.63
	500 Sft	g) Above Fifth Floor	%Sft	2,116.41		10,582.05

(S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)

27. Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall):

	30,308 Sft	a) Ground Floor	%Sft	2,237.95		678,277.89
	30,308 Sft	b) First Floor	%Sft	2,237.95		678,277.89
	30,308 Sft	c) Second Floor	%Sft	2,237.95		678,277.89
	30,308 Sft	d) Third Floor	%Sft	2,237.95		678,277.89
	30,308 Sft	e) Fourth Floor	%Sft	2,237.95		678,277.89
	30,308 Sft	f) Fifth Floor	%Sft	2,237.95		678,277.89
	720 Sft	g) Above Fifth Floor	%Sft	2,237.95		16,113.24

(S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)

28. Distemper (3 coats) (on ceiling):

	11,850 Sft	a) Ground Floor	%Sft	1,079.65		127,938.53
	11,850 Sft	b) First Floor	%Sft	1,079.65		127,938.53
	11,850 Sft	c) Second Floor	%Sft	1,079.65		127,938.53
	11,850 Sft	d) Third Floor	%Sft	1,079.65		127,938.53
	11,850 Sft	e) Fourth Floor	%Sft	1,079.65		127,938.53
	11,850 Sft	f) Fifth Floor	%Sft	1,079.65		127,938.53
	1,500 Sft	g) Above Fifth Floor	%Sft	1,079.65		16,194.75

(S.I. No.24(c) chapter 9 of Schedule of Rates 2012)

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
29.	19,395 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area). (S.I. No.92 chapter 18 of Schedule of Rates 2012)	Sft	9.74		188,907.30
30.		Supplying and fixing in position Aluminium channels framing for hinged doors of Alcope made with 5mm thick tinted glass glazing (Belgium) and alpha japan locks including handles stoppers etc. Deluxe model (White):				
	400 Sft	a) Ground Floor	Sft	1,450.76		580,304.00
	400 Sft	b) First Floor	Sft	1,450.76		580,304.00
	400 Sft	c) Second Floor	Sft	1,450.76		580,304.00
	400 Sft	d) Third Floor	Sft	1,450.76		580,304.00
	400 Sft	e) Fourth Floor	Sft	1,450.76		580,304.00
	400 Sft	f) Fifth Floor	Sft	1,450.76		580,304.00
		(S.I.No.83(a), chapter 18 of Schedule of Rates 2012)				
31.	21,420 Sft	Supplying and fixing in position iron/steel grill of 3/4" x 1/4" size flat iron of approved design including painting 3-coats etc. complete (weight not to be less than 3.7 Lbs/Sft of finished grill). (S.I. No.26 chapter 17 of Schedule of Rates 2012)	Sft	180.50		3,866,310.00
32.	5,505 Sft	Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges). (S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)	%Sft	1,270.83		69,959.19
33.	19,275 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		770,998.40
34.		Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern, of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile:				
	2,500 Sft	a) Ground Floor	%Sft	47,651.56		1,191,289.00
	2,500 Sft	b) First Floor	%Sft	47,651.56		1,191,289.00
	2,500 Sft	c) Second Floor	%Sft	47,651.56		1,191,289.00
	2,500 Sft	d) Third Floor	%Sft	47,651.56		1,191,289.00
	2,500 Sft	e) Fourth Floor	%Sft	47,651.56		1,191,289.00
	2,500 Sft	f) Fifth Floor	%Sft	47,651.56		1,191,289.00
		(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)				

ATTESTED


 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Bahar
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
35.		French Polish complete.				
	a)	On new work.				
	1,190 Sft	a) Ground Floor	%Sft	3,841.75		45,716.83
	1,190 Sft	b) First Floor	%Sft	3,841.75		45,716.83
	1,190 Sft	c) Second Floor	%Sft	3,841.75		45,716.83
	1,190 Sft	d) Third Floor	%Sft	3,841.75		45,716.83
	1,190 Sft	e) Fourth Floor	%Sft	3,841.75		45,716.83
	1,190 Sft	f) Fifth Floor	%Sft	3,841.75		45,716.83
	25 Sft	g) Above Fifth Floor	%Sft	3,841.75		960.44
		(S.I.No:7(a), Chapter-11 Page-71 of Schedule of Rate of 2012).				
36.		Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints: (S.I. No.28(a) chapter 8 P-43 of Schedule of Rates 2012)				
	800 Sft	a) Ground Floor	Sft	567.48		453,984.00
	800 Sft	b) First Floor	Sft	569.74		455,792.00
	800 Sft	c) Second Floor	Sft	572.00		457,600.00
	800 Sft	d) Third Floor	Sft	574.26		459,408.00
	800 Sft	e) Fourth Floor	Sft	576.52		461,216.00
	800 Sft	f) Fifth Floor	Sft	578.78		463,024.00
37.		Providing and fixing iron collapsible gate with channel framing of section 3/4" x 5/16" at 4" I/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T- section 1" x 1" 1/8" along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed:				
	225 Sft	a) Ground Floor	Sft	387.04		87,084.00
	225 Sft	b) First Floor	Sft	387.04		87,084.00
	225 Sft	c) Second Floor	Sft	387.04		87,084.00
	225 Sft	d) Third Floor	Sft	387.04		87,084.00
	225 Sft	e) Fourth Floor	Sft	387.04		87,084.00
	225 Sft	f) Fifth Floor	Sft	387.04		87,084.00
		(S.I.No:32 Chapter-17 Page-94 of Schedule of Rate of 2012).				

TOTAL SCHEDULE ITEMS (CIVIL WORKS): Rs. 192,732,579.84

ATTESTED


 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 20 & ABOVE

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 20540 Rft Drilling & Boring in sub soil of required diameter in any kind of of soil to required depth complete. For piles of 22 inch diameter and 65'-0" depth. Rft

02. Providing and laying Porcelain Tiles Floor of approved size, design and quality laid over 1¾" thick C.C. 1:2:4 bed floor including filling and grouting the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.

i) Size of Tile 12" x 12"

11,690	Sft	a) Ground Floor	Sft
11,690	Sft	b) First Floor	Sft
11,690	Sft	c) Second Floor	Sft
11,690	Sft	d) Third Floor	Sft
11,690	Sft	e) Fourth Floor	Sft
11,690	Sft	f) Fifth Floor	Sft

03. Providing and laying 12" x 6" size Porcelain Tiles Skirting of approved design and quality set in cement sand mortar ratio 1:3 including filling the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.

2,965	Sft	a) Ground Floor	Sft
2,965	Sft	b) First Floor	Sft
2,965	Sft	c) Second Floor	Sft
2,965	Sft	d) Third Floor	Sft
2,965	Sft	e) Fourth Floor	Sft
2,965	Sft	f) Fifth Floor	Sft

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur Page-1

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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04. 50,250 Sft Providing and laying Gutta brick facing 21/4"x9"x2 1/4" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height). Sft

05. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.
1,950 Rft a) 110 mm dia (4" dia for Rain water) Rft

06. 820 Sft Providing and applying 3/4" thick internal cement plaster ratio 1:4 with Pudlo @ 5 lbs per bag of cement etc; complete. (for Overhead Tanks). Sft

07. Providing and applying 3 coats of approved type Weather Shield Paint on exterior surfaces as per manufacturers specifications etc. complete for all floors including applying primer coat as per manufacturers specifications and as directed by the Engineer Incharge:
3,375 Sft a) Ground Floor Sft
2,000 Sft b) First Floor Sft
2,000 Sft c) Second Floor Sft
2,000 Sft d) Third Floor Sft
2,000 Sft e) Fourth Floor Sft
2,000 Sft f) Fifth Floor Sft
4,450 Sft g) Above Fifth Floor Sft

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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08.		Providing and making 2 feet deep kitchen cabinet consisting of 1" thick white marble topping over RCC slab, deodar wood frame 1" x 2" size, deodar wood vertical frame of 2" x 1" size, 1" x 2½" hard wood stopper, 1" x 1" hard wood framing to retain drawer, backing and bottom of drawer with ¼" thick commercial ply with deodar wood frame 2" x ¾" hard wood framing with ¾" thick commercial ply veneered chipboard in bottom, and drawer of ½" thick deodar wood plank with formica on front face, shutters of ½" thick chip board with formica on front with deodar wood internal partition, aluminium angle of ½" x ½" section on teh shutters, fitting as per schedule of hardware, enamel painting where required complete including termite control and all wood preservative applications all as per drawing and specifications (front face of the cabinet shall be measured for payment).				
	1,280 Sft	a) Ground Floor	Sft			
	1,280 Sft	b) First Floor	Sft			
	1,280 Sft	c) Second Floor	Sft			
	1,280 Sft	d) Third Floor	Sft			
	1,280 Sft	e) Fourth Floor	Sft			
	1,280 Sft	f) Fifth Floor	Sft			

09.		Providing and making hanging cabinet 12" deep and 1'-6" high with ¾" thick chip chip board fixed to hard wood frame of 1-1/4" x 1-1/4" size on top and bottom with 1/4" thick hard board on backing, one shelf of 1/2" thick chipboard 1/2"x1/2" hardwood frame, 1/2"x1/2" size wooden beading in the bottom of 1/2" thick chipboard shutters with formica on front face, fitting as per schedule of hardware, painting with enamel paint including termite control and all wood preservative applications complete all as per drawing and specification (front face of the cabinet shall be measured for payments)				
	100 Sft	a) Ground Floor	Sft			
	100 Sft	b) First Floor	Sft			
	100 Sft	c) Second Floor	Sft			
	100 Sft	d) Third Floor	Sft			
	100 Sft	e) Fourth Floor	Sft			
	100 Sft	f) Fifth Floor	Sft			

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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10. Providing, making and fixing build in wardrobe cabinet of 2ft deep with 3/4" thick chipboard of both sided commercial ply veneered horizontal and vertical shelve and walling 1" thick shutter of 3/4" chipboard of one sided commercial ply veneered and the other side of finished with 1/4" thick teak ply all chipboard edging with 1"x 3/4" deodar wood lipping as shown in drawings, all fittings as per schedule of harware including 3 coat of enamel painting to inner surfaces of the cabinet and wax polishing to the outer surfaces of shutters etc., complete as per drawings and specifications and as per directed by the Engineer Incharge.

550 Sft	a) Ground Floor	Sft
550 Sft	b) First Floor	Sft
550 Sft	c) Second Floor	Sft
550 Sft	d) Third Floor	Sft
550 Sft	e) Fourth Floor	Sft
550 Sft	f) Fifth Floor	Sft

11. Providing and fixing granite strip 5'x1'x3/4" thick fixed over stair steps of required width, set in cement sand mortar 1:2 in grey cement 3/4" thick including washing and filling and grouting the joints with neat white cement slurry using colour pigment for matching including griding, rubbing, polishing and curing etc. complete as per specification and as directed by the Engineer Incharge.

250 Sft	a) Ground Floor	Sft
250 Sft	b) First Floor	Sft
250 Sft	c) Second Floor	Sft
250 Sft	d) Third Floor	Sft
250 Sft	e) Fourth Floor	Sft
250 Sft	f) Fifth Floor	Sft

12. Providing and fixing in position soft board in expansion joint 1" thick in between different member of RCC work including column, slab and beam etc., as per drawings and specifications.

100 Sft	a) Ground Floor	Sft
100 Sft	b) First Floor	Sft
100 Sft	c) Second Floor	Sft
100 Sft	d) Third Floor	Sft
100 Sft	e) Fourth Floor	Sft
100 Sft	f) Fifth Floor	Sft

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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13.		Providing and fixing expansion joint of 22 gauge and 6" wide aluminium sheet cover, with one end fixed with stainless steel screw and the other end free in RCC columns and as per details and specifications etc; complete:				
	100 Sft	a) Ground Floor	Sft			
	100 Sft	b) First Floor	Sft			
	100 Sft	c) Second Floor	Sft			
	100 Sft	d) Third Floor	Sft			
	100 Sft	e) Fourth Floor	Sft			
	100 Sft	f) Fifth Floor	Sft			

14.	600 Sft	Providing and fixing flashing with 20 gauge stainless steel sheet 16" wide moulded as per design, one end fixed with rawal plug and stainless steel screws and the other end kept free as per drawing and specifications complete (over the top roof).	Sft			
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15.		Providing and filling expansion joints 1"x1" size epoxy filer made of Zahibia make including proper finishing and smooth filling etc; as per drawing and manufacturer's specification and as directed by the Engineer Incharge.				
	100 Sft	a) Ground Floor	Sft			
	100 Sft	b) First Floor	Sft			
	100 Sft	c) Second Floor	Sft			
	100 Sft	d) Third Floor	Sft			
	100 Sft	e) Fourth Floor	Sft			
	100 Sft	f) Fifth Floor	Sft			

16.	4 Nos	Providing and fixing manhole covers with frame 2'-0" x 2'-0" inside dimension double seal water tight weighing 1 cwt complete with locking arrangements etc.	Each			
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17.		Supply and fixing in position UPVC channels, framing for sliding windows and ventilators made with 5mm thick tinted glass glazing (belgium) and aluminium fly including handles, stoppers and locking arrangements etc., complete in all respect and to the approved of Engineer Incharge.				
	3,570 Sft	a) Ground Floor	Sft			
	3,570 Sft	b) First Floor	Sft			
	3,570 Sft	c) Second Floor	Sft			
	3,570 Sft	d) Third Floor	Sft			
	3,570 Sft	e) Fourth Floor	Sft			
	3,570 Sft	f) Fifth Floor	Sft			

ATTESTED

(Signature)

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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18.		Providing and fixing stainless Steel nickle coated stair case railing of 3'1/2" consisting of horizontal 2-1/2" x 2-1/2" @ bottom and 1-1/2" x 1-1/2" vertical tube 1 1/2" c/c and 3" steel tube with round ball as per directions of Engineer Incharge.				
	100 Rft	a) Ground Floor	Rft			
	75 Rft	b) First Floor	Rft			
	75 Rft	c) Second Floor	Rft			
	75 Rft	d) Third Floor	Rft			
	75 Rft	e) Fourth Floor	Rft			
	75 Rft	f) Fifth Floor	Rft			

19.	1 L.S	Providing and fixing Mattlic letters words with college logo for Name of Hostel over Entrance including LED lights instalation complete as per direction by the Engineer Incharge.	L.S			
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TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) : Rs. _____

ATTESTED



(Engr. Zahid Ali Kofachi)
Project Engineer
Ghuham Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 20 & ABOVE

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing and fixing steel sinks stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" C.P. rubber plug chrome plated brass chain, 1-1/2" C.P. brass waste, with 1-1/2" P.V.C. waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4.				
	24 Nos	(a) Steel Sink stainless steel sized 40"x20" local make standard pattern) (S.I. No:19(a) P-6 Chapter-1 of Schedule of Rate of 2012)	Each	5,052.30		121,255.20
02.	24 Nos	Supplying and fixing sink mixture cock of superior quality with C.P. head etc. complete. (S.I. No.17 Chapter-6 of P.H Enggg. Of 2012)	Each	2,745.60		65,894.40
03.		Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). (Internal):				
	2400 Rft	a) 1/2 inch dia S.I. No:1 (i) Chapter-5 of Schedule of Rate of 2012)	Rft	64.88		155,712.00
04.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2 Chapter-10 of Schedule of Rate of 2012)				
	1,800 Rft	a) RCC Pipe 6" dia	Rft	199.25		358,650.00
	1,400 Rft	b) RCC Pipe 9" dia	Rft	250.60		350,840.00
	1,600 Rft	c) RCC Pipe 12" dia (S.I. No.3(a) Chapter-2 of Schedule of Rate of 2012)	Rft	401.97		643,152.00
05.	80 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		95,453.60

ATTESTED


(Engr. Zahid Ali Kolachi)
Project Engineer
Gulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.		Providing and fixing full way gunmetal valves with wheels threaded or flanged ends with rubber washers, standard pattern. (Note: Standard manufacturer by M/s. Anwar Mechanical Works) (S.I.No.4(B), Chapter-6 of Schedule of Rate of 2012)				
	30 Nos	a) 2" dia	Each	1,025.42		30,762.60
	60 Nos	b) 1" dia	Each	271.92		16,315.20
	60 Nos	c) 3/4" dia	Each	227.92		13,675.20
	24 Nos	d) 1/2" dia	Each	161.92		3,886.08
07.	432 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		220,207.68
08.	144 Nos.	Supply and fixing concealed jet shower with rod of superior quality single C.P. head 1/2" dia. (S.I.No.15, Chapter-6 of Schedule of Rate of 2012)	Each	1,142.24		164,482.56
09.	144 Nos	Supplying and fixing wash basin mixture of superior quality with C.P head 1/2" dia. (S.I. No.14(a) Page-19, Chapter-6 of Schedule of Rate of 2012)	Each	2,882.00		415,008.00
10.	144 Nos.	Supplying and fixing C.P. Muslim shower with double bib cock and ring pipe etc; complete. (S.I.No. 19(a), Chapter-6 of Schedule of Rate of 2012)	Each	3,432.00		494,208.00
11	144 Nos	Supplying and fixing long bib-cock of superior quality with C.P head etc. complete. (S.I. No.13(a) Chapter-2 of Schedule of Rate of 2012)	Each	1,109.46		159,762.24
12.	144 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		154,281.60
13.	144 Nos.	Providing & fixing 24"x18" bevelled edge mirror of Belgium Glass complete with 1/8" thick C.P. Brass Towel Rail complete with bracket fixing on wooden cleats with 1" long C.P. brass screws, 30" long 3/4" dia (round standard quality). (S.I. No.3(a) Chapter-2 of Schedule of Rate of 2012)	Each	1,711.60		246,470.40

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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14.	72 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad.				
	a) 4" to 12" dia 2' x 2 'x 3'-6".		Each	14,748.00		1,061,856.00
	(S.I. No.1(a) Chaper-II of P.H. Engg. of 2012)					

TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs. 4,771,872.76

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Suktur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 20 & ABOVE

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 120 Nos Providing, and fixing European type coupled white vitreous China wash down water closet bowl of Karam Ceramics complete with closed front black plastic seat and cover including 2 gallons low level white vitreous China flush tank; 1¼" dia G.I. telescopic flush pipe with bend, ½" dia C.P. stop cock [heavy] ¾" dia flexible inlet connection [heavy] C.I. thimble and other necessary accessories including making cuts, holes in walls, floors etc; and making good the same in cement with testing etc; complete in all respects, the fittings are first class best quality, locally made. Each
02. 144 Nos Providing and fixing wash basin of Karam Ceramics overall size 24" x 18" of white vitreous China, wall hung with CP bottle trap of approved design, anti splash front rim with front overflow ½" dia C.P. ghoose neck pillar tap [heavy] 3/8" dia flexible inlet connection and C.P. stop valves with a pair of C.I. brackets to support the basin, 1¼" dia waste pipe with C.P. brass coupling and waste including making cuts, holes in walls, floors, etc; and making good the same in cement with testing etc.; complete in all respects, the fittings are first class best quality, locally made. Each
03. 24 Nos Providing and fixing white vitreous China squatting type water closet of (Orisa) Karam Ceramics 2½ gallons low level white vitreous China flush tank 1¼" dia G.I. flush pipe with bends, 3/8" dia flexible inlet connection, including ½" dia C.P. stopcock [heavy] C.I. thimble and glazed P trap, including making cuts, holes in walls, floors etc.; and making good the same as required etc.; complete in all respects, the fittings are first class best quality locally made. Each
04. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fittings (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge:

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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	900 Rft	a) 20 mm dia (1/2" dia:)	Rft			
	1,800 Rft	b) 25 mm dia (3/4" dia:)	Rft			
	1,800 Rft	c) 40 mm dia (1-1/2" dia:)	Rft			
	1,200 Rft	d) 50 mm dia (2" dia:)	Rft			

05.		Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	1,800 Rft	a) 75 mm dia (3" dia:)	Rft			
	1,800 Rft	b) 110 mm dia (4" dia:)	Rft			

06.	48 Nos	Providing and installing "Nesgas" or equivalent approved water heater / geyser of 20 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete.	Each			
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07.	144 Nos	Providing and Fixing C.P Trap jali 4 inches square or round for wash basin.	Each			
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08.	144 Nos	Providing and Fixing C.P Trap jali 6 inches square or round with hinges for floor drain.	Each			
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09.	24 Nos	Providing and Fixing bath room accessories of set of 7 pieces consists of one cosmetic shelf, one towel rod with bracket, one soap dish, one tooth brush holder with glass and cover, one tissue paper holder one double hook one towel ring etc. complete of approved quality as per direction of Engineer-in-Charge.	Each			
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10.	6 Nos	Providing and Fixing Mono block pump with 2-1/2" dia section and 2" dia delivery of javed or equivalent approved directly coupled with 5 HP motor alongwith main switch circuit breaker, starting switch including all accessories required for the completion of the job lik foot valves, sluice valve, non return valve suction and delivery pipes, foundation for pumps etc., with an including one month performance gurantee after installation and commissioning etc., complete.	Each			
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11.	24 Nos	Providing and Fixing brass union cock in gas line complete in all respects.	Each			
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ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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|-----|---------|--|-----|--|--|--|
| 12. | 24 Jobs | Providing and making connection to city gas main as per rules of the gas company including all charges, fee, etc., payable and the cost of gas regulator and gas meter. (Excluding departmental charges). | Job | | | |
| 13. | 24 Jobs | Making connection of water supply with existing line including all materials required for the proper completion of the job etc., complete and as directed by the Engineer Incharge. (Excluding departmental charges). | Job | | | |
| 14. | 4 Jobs | Making connection of Sewer with existing Manhole, including cutting and making good in maonry/ concrete and caulking as required in cement mortar etc., complete as directed by the Engineer Incharge. (Excluding departmental charges). | Job | | | |

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

ATTESTED



(Engr: Zahid Iqbal Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 20 & ABOVE

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	1,760 Point	Wiring for light / fan / exhaust fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		1,988,800.00
2.	540 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20-mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.126-p15)	Point	985.00		531,900.00
3.	24 Point	Wiring for call bell point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.128-p15)	Point	1764.00		42,336.00
4.	1,208 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		86,976.00
5.	408 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 235-p34)	Point	3185.00		1,299,480.00
6.	24 Point	Providing & fixing brass bracket fan 18" (good quality). (Schedule Item No. 236-p34)	Point	2750.00		66,000.00
7.	705 Mtrs	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 4-7/.044(6mm ²) copper conductor in 1/1/2 dia . PVC conduit ressed in wall slap or column as required. (Schedule Item No. 40 -p6)	Per Mtr.	613.00		432,165.00

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS): Rs. 4,447,657.00

ATTESTED



(Engr. Zahid Iqbal)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 20 & ABOVE

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

01.		Provide, wire and connect 2x2.5 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
101.	151	Nos Circuit for light/fan point	Each			
102.	48	Nos Wiring for indoor to outdoor AC unit.	Each			
02.		Provide, wire and connect 2x6 + 1x1.5 sq. mm S/C PVC cable in 25mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
201.	48	Nos Split AC point.	Each			
03.		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls.				
301.	157	Nos Single gang switch plate:	Each			
302.	140	Nos Double gang switch plate:	Each			
303.	240	Nos Three gang switch plate:	Each			
304.	24	Nos Four gang switch plate.	Each			
305.	408	Nos Solid state fan dimmer with "ON-OFF" control.	Each			
306.	540	Nos 5 Amps 2/3 pin switched socket outlet plate:	Each			
307.	24	Nos Bell push button	Each			
308.	24	Nos Buzzer	Each			
04.		Provide, install, connect and commission Exhaust fan, complete in all respects.				
401.	120	Nos 9" dia exhaust fan	Each			

B. SEC: B: FEEDERS

01.	200	Mtrs Provide lay and connect feeder from Main DB 300mm ² 3 1/2 core PVC/PVC SWA /PVC cable burried under ground, complete with all accessories.	P.Mtr			
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ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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C. SEC: C: SWITCH GEAR:

01. Provide, install, connect and commission Main Emergency panel; cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under:

Incoming:

1-400 Amp, TP, 15 KA, MCCB,
3-phase indicating lamps:
1-set of Bus bars

Outgoing:

- 12-30 Amps TP, 10 KA, MCCBs:
2 Jobs 1-60 Amps TP, 10 KA, MCCBs: Job

02. Provide, install, connect and commission FLAT-DB 1.5mm thick steel sheet fabricated, flush type totally enclosed with hinged front cover suitable for 3 phase, 4 wire, 50 Hz A/C system and equipped as under:

Incoming:

1-30 Amp, TP, 10 KA, MCCB :
3 - Phase indication lamps:

Outgoing:

- 6-10 Amps SP, 7.5 KA, MCBs:
6-15 Amps SP, 7.5 KA, MCBs:
24 Jobs 3-30 Amps SP, 7.5 KA, MCBs: Job

DB-CS

Incoming:

1-60 Amp, TP, 10 KA, MCCB :
3 - Phase indication lamps:

Outgoing:

- 9-10 Amps SP, 7.5 KA, MCBs:
1 Job 1-40 Amps SP, 7.5 KA, MCBs: Job

D. SEC: D: EARTHING:

01. 2 Jobs Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, buried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications.

ATTESTED



Job (Engr. Ghulam Muhammad Mahar)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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02. 8 Mtrs Provide, lay and connect 2x3/o SWG copper conductors in 50mm dia G.I. Pipe from earth plate to panel. P.Mtr

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS): Rs. _____

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 18-19 & ABOVE

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 43,709,620.10	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 1,268,570.06	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 864,050.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
		Total Rs. _____
1 Block	= Rs. _____	X 3 Rs. _____

ATTESTED



(Engr. Faiz Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 18-19 & ABOVE

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8.				
	2,103 Cft	(a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		198,024.37
02.		Pucca brick work in Ground Floor in cement sand mortar (1:6).				
	2,750 Cft	a) Ground Floor	%Cft	12,674.36		348,544.90
	2,750 Cft	b) First Floor	%Cft	13,112.99		360,607.23
	2,750 Cft	c) Second Floor	%Cft	13,687.74		376,412.85
	2,750 Cft	d) Third Floor	%Cft	14,262.49		392,218.48
	2,750 Cft	d) Fourth Floor	%Cft	15,260.74		419,670.35
	3,480 Cft	e) Fifth Floor (S.I. No.5(i)(e) + 6 chapter 5 of Schedule of Rates 2012)	%Cft	15,260.74		531,073.75
03.		Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering):				
		(i) Ratio 1:3:6				
	730 Cft	a) Ground Floor	%Cft	12,595.00		91,943.50
	15 Cft	b) First Floor	%Cft	12,595.00		1,889.25
	15 Cft	c) Second Floor	%Cft	13,805.00		2,070.75
	15 Cft	d) Third Floor	%Cft	15,015.00		2,252.25
	15 Cft	e) Fourth Floor	%Cft	15,771.25		2,365.69
	15 Cft	f) Fifth Floor	%Cft	16,527.50		2,479.13
	1,265 Cft	(ii) Ratio 1:4:8 (Under Floor) (S.I. No.5(h) & (i) + 12 (a) & (b) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		142,802.69
04.		Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b) (ii) chapter 4 of Schedule of Rates 2012)	%Sft			
	1,225 Cft	a) Ground Floor	%Cft	3,127.41		38,310.77
	13 Cft	b) First Floor	%Cft	3,127.41		406.56
	13 Cft	c) Second Floor	%Cft	3,292.57		428.03
	13 Cft	d) Third Floor	%Cft	3,533.97		459.42
	13 Cft	e) Fourth Floor	%Cft	3,775.36		490.80
	13 Cft	f) Fifth Floor	%Cft	3,775.36		490.80

ATTESTED

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
05.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge:				
	13,770 Cft	a) Foundation	Cft	337.00		4,640,490.00
	4,330 Cft	b) Ground Floor	Cft	337.00		1,459,210.00
	3,340 Cft	c) First Floor	Cft	349.10		1,165,994.00
	3,340 Cft	d) Second Floor	Cft	361.20		1,206,408.00
	3,340 Cft	e) Third Floor	Cft	373.30		1,246,822.00
	3,340 Cft	f) Fourth Floor	Cft	385.40		1,287,236.00
	4,440 Cft	g) Fifth Floor	Cft	397.40		1,764,456.00
		(S.I. No.6(a)(i) + (d) chapter 4 of Schedule of Rates 2012)				
06.	465 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		18,194.75
07.	8,736 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		241,200.09
08.	1,250 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		14,265.63
09.	800 Cft	Dry rammed brick or stone ballast 1 1/2" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		26,620.00
10.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete:				
	200 Sft	a) Ground Floor	%Sft	27,678.86		55,357.72
	200 Sft	b) First Floor	%Sft	27,905.74		55,811.48
	200 Sft	c) Second Floor	%Sft	28,132.62		56,265.24
	200 Sft	d) Third Floor	%Sft	28,359.50		56,719.00
	200 Sft	e) Fourth Floor	%Sft	28,586.38		57,172.76
	200 Sft	d) Fifth Floor	%Sft	28,813.26		57,626.52
		(S.I. No.24 + 18 chapter 8 of Schedule of Rates 2012)				

ATTESTED



(Engr. Zahid Ali Kolachi)
Principal Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
11.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing:				
	850 Sft	a) Ground Floor	%Sft	28,299.30		240,544.05
	850 Sft	b) First Floor	%Sft	28,299.30		240,544.05
	850 Sft	c) Second Floor	%Sft	28,299.30		240,544.05
	850 Sft	d) Third Floor	%Sft	28,299.30		240,544.05
	850 Sft	e) Fourth Floor	%Sft	28,299.30		240,544.05
	850 Sft	f) Fifth Floor	%Sft	28,299.30		240,544.05
		(S.I. No.38 chapter 8 of Schedule of Rates 2012)				
12.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels:				
	1,200 Sft	a) Ground Floor	%Sft	3,275.50		39,306.00
	3,000 Sft	a) Above Fifth Floor	%Sft	4,409.90		132,297.00
		(S.I. No.16(c) +18 chapter 8 of Schedule of Rates 2012)				
13.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	3,000 Sft	a) Ground Floor	Sft	10.70		32,100.00
		(S.I. No.38 chapter 7 of Schedule of Rates 2012)				
14.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	1,200 Sft	a) Under Floor	%Sft	1,887.40		22,648.80
	3,000 Sft	b) Above Fifth Floor	%Sft	1,887.40		56,622.00
		(S.I. No.13 chapter 7 of Schedule of Rates 2012)				
15.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal):				
	9,900 Sft	a) Ground Floor	%Sft	2,122.72		210,149.28
	9,840 Sft	b) First Floor	%Sft	2,122.72		208,875.65
	9,840 Sft	c) Second Floor	%Sft	2,122.72		208,875.65
	9,840 Sft	d) Third Floor	%Sft	2,122.72		208,875.65
	9,840 Sft	e) Fourth Floor	%Sft	2,122.72		208,875.65
	10,340 Sft	f) Fifth Floor	%Sft	2,122.72		219,489.25
		(S.I. No.13(a) chapter 9 of Schedule of Rates 2012)				
16.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal):				
	9,900 Sft	a) Ground Floor	%Sft	2,197.52		217,554.48
	9,840 Sft	b) First Floor	%Sft	2,197.52		216,235.97
	9,840 Sft	c) Second Floor	%Sft	2,197.52		216,235.97
	9,840 Sft	d) Third Floor	%Sft	2,197.52		216,235.97
	9,840 Sft	e) Fourth Floor	%Sft	2,197.52		216,235.97
	10,340 Sft	f) Fifth Floor	%Sft	2,197.52		227,223.57
		(S.I. No.11(a) chapter 9 of Schedule of Rates 2012)				


 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Shujah Muhammad Mahar
 Medical College

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
17.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat External):				
	3,750 Sft	a) Ground Floor	%Sft	2,122.72		79,602.00
	2,850 Sft	b) First Floor	%Sft	2,262.72		64,487.52
	2,850 Sft	c) Second Floor	%Sft	2,402.72		68,477.52
	2,850 Sft	d) Third Floor	%Sft	2,542.72		72,467.52
	2,850 Sft	e) Fourth Floor	%Sft	2,682.72		76,457.52
	5,275 Sft	f) Fifth Floor	%Sft	2,822.72		148,898.48
		(S.I. No.13(a) +29 chapter 9 of Schedule of Rates 2012)				
18.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External):				
	1,000 Sft	a) Ground Floor	%Sft	2,197.52		21,975.20
	800 Sft	b) First Floor	%Sft	2,337.52		18,700.16
	800 Sft	c) Second Floor	%Sft	2,477.52		19,820.16
	800 Sft	d) Third Floor	%Sft	2,617.52		20,940.16
	800 Sft	e) Fourth Floor	%Sft	2,757.52		22,060.16
	3,225 Sft	f) Fifth Floor	%Sft	2,897.52		93,445.02
		(S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)				
19.	8 Each	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6".	Each	358.68		2,869.44
		(S.I. No.18, chapter-7 of Schedule of Rates 2012)				
20.	8 Each	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4'1/2", 3" cement concrete (1:4:8).	Each	649.83		5,198.64
		(S.I. No.19 chapter 7 of Schedule of Rates 2012)				
21.		Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars):				
	1,055 Cwt	a) Foundation	Cwt	5,001.70		5,276,793.50
	380 Cwt	b) Ground Floor	Cwt	5,001.70		1,900,646.00
	170 Cwt	c) First Floor	Cwt	5,152.95		876,001.50
	170 Cwt	d) Second Floor	Cwt	5,304.20		901,714.00
	170 Cwt	e) Third Floor	Cwt	5,455.45		927,426.50
	170 Cwt	f) Fourth Floor	Cwt	5,606.70		953,139.00
	230 Cwt	g) Fifth Floor	Cwt	5,757.95		1,324,328.50
		(S.I. No.8(b)+ 29 chapter 4 of Schedule of Rates 2012)				
22.		First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc.				
		Deodar paneled or paneled & glazed or fully glazed, 1-3/4" thick.				
	500 Sft	a) Ground Floor	Sft	1,273.76		636,880.00
	500 Sft	b) First Floor	Sft	1,273.76		636,880.00
	500 Sft	c) Second Floor	Sft	1,273.76		636,880.00
	500 Sft	d) Third Floor	Sft	1,273.76		636,880.00
	500 Sft	e) Fourth Floor	Sft	1,273.76		636,880.00
	530 Sft	f) Fifth Floor	Sft	1,273.76		675,092.80
		(S.I. No.7(b) chapter 10 of Schedule of Rates 2012)				


 (Engr: Zahid Ali Koiachi)
 Project Engineer
 Ghulam Muhammed Mahar
 (S.I. No.7(b) chapter 10 of Schedule of Rates 2012)

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
23.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete. (a) 1-3/4 thick deodar wood framing including wire gauze with ordinary hinges.				
	50 Sft	a) Ground Floor	Sft	562.98		28,149.00
	50 Sft	b) First Floor	Sft	562.98		28,149.00
	50 Sft	c) Second Floor	Sft	562.98		28,149.00
	50 Sft	d) Third Floor	Sft	562.98		28,149.00
	50 Sft	e) Fourth Floor	Sft	562.98		28,149.00
	50 Sft	f) Fifth Floor	Sft	562.98		28,149.00
		(S.I.No:14(a),Chapter-10 of Schedule of Rate of 2012).				
24.		Preparing surface and painting sashes, fan light glazed or (S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)				
	850 Sft	a) Ground Floor	%Sft	1,270.83		10,802.06
	725 Sft	b) First Floor	%Sft	1,270.83		9,213.52
	725 Sft	c) Second Floor	%Sft	1,270.83		9,213.52
	725 Sft	d) Third Floor	%Sft	1,270.83		9,213.52
	725 Sft	e) Fourth Floor	%Sft	1,270.83		9,213.52
	725 Sft	f) Fifth Floor	%Sft	1,270.83		9,213.52
25.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall):				
	9,900 Sft	a) Ground Floor	%Sft	2,237.95		221,557.05
	9,840 Sft	b) First Floor	%Sft	2,237.95		220,214.28
	9,840 Sft	c) Second Floor	%Sft	2,237.95		220,214.28
	9,840 Sft	d) Third Floor	%Sft	2,237.95		220,214.28
	9,840 Sft	e) Fourth Floor	%Sft	2,237.95		220,214.28
	10,340 Sft	f) Fifth Floor	%Sft	2,237.95		231,404.03
		(S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)				
26.		Distempering (3 coats) (on ceiling):				
	2,100 Sft	a) Ground Floor	%Sft	1,079.65		22,672.65
	2,100 Sft	b) First Floor	%Sft	1,079.65		22,672.65
	2,100 Sft	c) Second Floor	%Sft	1,079.65		22,672.65
	2,100 Sft	d) Third Floor	%Sft	1,079.65		22,672.65
	2,100 Sft	e) Fourth Floor	%Sft	1,079.65		22,672.65
	2,300 Sft	f) Fifth Floor	%Sft	1,079.65		24,831.95
		(S.I. No.24(c) chapter 9 of Schedule of Rates 2012)				
27.	3,580 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area). (S.I. No.92 chapter 18 of Schedule of Rates 2012)	Sft	9.74		34,869.20


 (Engr: Zahid Ali Kotachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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28. 3,900 Bags Difference of cost of S.R. cement and Portland cement. Bag 40.00 156,000.00
(S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of

29. Laying white marble flooring fine dressed on the surface without including set in line mortar 1:2 including rubbing and polishing of the joints:
(i) 3/4" thick flooring:

700	Sft	a) Ground Floor	Sft	567.48		397,236.00
600	Sft	b) First Floor	Sft	569.74		341,844.00
600	Sft	c) Second Floor	Sft	572.00		343,200.00
600	Sft	d) Third Floor	Sft	574.26		344,556.00
600	Sft	e) Fourth Floor	Sft	576.52		345,912.00
600	Sft	f) Fifth Floor	Sft	578.78		347,268.00

(S.I.No:28(a) + 18 page-43 chapter 8 of Schedule of Rates

30. Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8"x4"x6"x4" in dado skirting and facing removal/tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, current furnishing, cleaning and polishing etc; complete:
(i) For new works

80	Sft	a) Ground Floor	Sft	186.04		14,883.20
80	Sft	b) First Floor	Sft	186.04		14,883.20
80	Sft	c) Second Floor	Sft	186.04		14,883.20
80	Sft	d) Third Floor	Sft	186.04		14,883.20
80	Sft	e) Fourth Floor	Sft	186.04		14,883.20
105	Sft	f) Fifth Floor	Sft	186.04		19,534.20

(S.I.No:68(a) Page-49 chapter 8 of Schedule of Rates 2012)

31. Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2-1/2 inches as directed by the Engineer Incharge:

1,200	Sft	a) Ground Floor	Sft	49.97		59,964.00
1,200	Sft	b) First Floor	Sft	49.97		59,964.00
1,200	Sft	c) Second Floor	Sft	49.97		59,964.00
1,200	Sft	d) Third Floor	Sft	49.97		59,964.00
1,200	Sft	e) Fourth Floor	Sft	49.97		59,964.00
1,240	Sft	f) Fifth Floor	Sft	49.97		61,962.80

(S.I.No:60, Chapter-10 of Schedule of Rate of 2012).


(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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32. Providing and fixing in position iron/steel grill using solid square bars of 1/2" x 1/2" placed at 4" including and frame of flat iron patti of 3/4" x 3/4" including circle shape at 1-0 apart equivalent fitted with screws and pins including painting 3 coats with 1st coat of red oxide paint etc.

375	Sft	a) Ground Floor	Sft	194.16		72,810.00
375	Sft	b) First Floor	Sft	194.16		72,810.00
375	Sft	c) Second Floor	Sft	194.16		72,810.00
375	Sft	d) Third Floor	Sft	194.16		72,810.00
375	Sft	e) Fourth Floor	Sft	194.16		72,810.00
375	Sft	f) Fifth Floor	Sft	194.16		72,810.00

(S.I.No:30 chapter 17 of Schedule of Rates of 2012)

33. Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile:

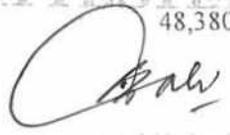
250	Sft	a) Ground Floor	%Sft	47,651.56		119,128.90
250	Sft	b) First Floor	%Sft	47,651.56		119,128.90
250	Sft	c) Second Floor	%Sft	47,651.56		119,128.90
250	Sft	d) Third Floor	%Sft	47,651.56		119,128.90
250	Sft	e) Fourth Floor	%Sft	47,651.56		119,128.90
350	Sft	f) Fifth Floor	%Sft	47,651.56		166,780.46

(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)

34. Providing and fixing iron collapsible gate with channel framing of section 3/4" x 5/16" at 4" I/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T- section 1" x 1" 1/8" along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed:

250	Sft	a) Ground Floor	Sft	387.04		96,760.00
125	Sft	b) First Floor	Sft	387.04		48,380.00
125	Sft	c) Second Floor	Sft	387.04		48,380.00
125	Sft	d) Third Floor	Sft	387.04		48,380.00
125	Sft	e) Fourth Floor	Sft	387.04		48,380.00
125	Sft	f) Fifth Floor	Sft	387.04		48,380.00

(S.I.No:32 Chapter-17 Page-94 of Schedule of Rate of 2012).

(Engr.  Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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35.

French Polish complete:

	a)	On new work.				
1,500	Sft	a) Ground Floor	%Sft	3,841.75		57,626.25
1,500	Sft	b) First Floor	%Sft	3,841.75		57,626.25
1,500	Sft	c) Second Floor	%Sft	3,841.75		57,626.25
1,500	Sft	d) Third Floor	%Sft	3,841.75		57,626.25
1,500	Sft	e) Fourth Floor	%Sft	3,841.75		57,626.25
1,570	Sft	f) Fifth Floor	%Sft	3,841.75		60,315.48

(S.I.No:7 (a)Chapter-11 Page-71 of Schedule of Rate of 2012).

TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs. 43,709,620.10

ATTESTED

Zahid

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 18-19 & ABOVE

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 3640 Rft Drilling & Boring in sub soil of required diameter in any kind of of soil to required depth complete. For piles of 22 inch diameter and 65'-0" depth. Rft

02. Providing and laying Porcelain Tiles Floor of approved size, design and quality laid over 1¾ thick C.C. 1:2:4 bed floor including filling and grouting the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.

i) Size of Tile 12" x 12"

2,300	Sft	a) Ground Floor	Sft
2,300	Sft	b) First Floor	Sft
2,300	Sft	c) Second Floor	Sft
2,300	Sft	d) Third Floor	Sft
2,300	Sft	e) Fourth Floor	Sft
2,300	Sft	f) Fifth Floor	Sft

03. Providing and laying 12" x 6" size Porcelain Tiles Skirting of approved design and quality set in cement sand mortar ratio 1:3 including filling the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.

350	Sft	a) Ground Floor	Sft
350	Sft	b) First Floor	Sft
350	Sft	c) Second Floor	Sft
350	Sft	d) Third Floor	Sft
350	Sft	e) Fourth Floor	Sft
350	Sft	f) Fifth Floor	Sft

ATTESTED



(Engr. Zaid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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04.		Providing and laying Guttca brick facing 21/4"x9"x2 1/4" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).				
	3,050 Sft	a) Ground Floor	Sft			
	2,550 Sft	b) First Floor	Sft			
	2,550 Sft	c) Second Floor	Sft			
	2,550 Sft	d) Third Floor	Sft			
	2,550 Sft	e) Fourth Floor	Sft			
	3,300 Sft	f) FifthFloor	Sft			
05.		Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	480 Rft	a) 110 mm dia (4" dia for Rain water)	Rft			
06.	750 Sft	Providing and applying 3/4" thick internal cement plaster ratio 1:4 with Pudlo @ 5 lbs per bag of cement etc; complete. (for Overhead Tanks).	Sft			
07.		Providing and applying 3 coats of approved type Weather Shield Paint on exterior surfaces as per manufacturers specifications etc. complete for all floors including applying primer coat as per manufacturers specifications and as directed by the Engineer Incharge:				
	1,000 Sft	a) Ground Floor	Sft			
	800 Sft	b) First Floor	Sft			
	800 Sft	c) Second Floor	Sft			
	800 Sft	d) Third Floor	Sft			
	800 Sft	e) Fourth Floor	Sft			
	3,225 Sft	f) Fifth Floor	Sft			

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maha
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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08. Providing and making 2 feet deep kitchen cabinet consisting of 1" thick white marble topping over RCC slab, deodar wood frame 1" x 2" size, deodar wood vertical frame of 2" x 1" size, 1" x 2½" hard wood stopper, 1" x 1" hard wood framing to retain drawer, backing and bottom of drawer with ¼" thick commercial ply with deodar wood frame 2" x ¾" hard wood framing with ¾" thick commercial ply veneered chipboard in bottom, and drawer of ½" thick deodar wood plank with formica on front face, shutters of ½" thick chip board with formica on front with deodar wood internal partition, aluminium angle of ½" x ½" section on teh shutters, fitting as per schedule of hardware, enamel painting where required complete including termite control and all wood preservative applications all as per drawing and specifications (front face of the cabinet shall be measured for payment).

150 Sft	a) Ground Floor	Sft
150 Sft	b) First Floor	Sft
150 Sft	c) Second Floor	Sft
150 Sft	d) Third Floor	Sft
150 Sft	e) Fourth Floor	Sft
150 Sft	f) Fifth Floor	Sft

09. Providing and making hanging cabinet 12" deep and 1'-6" high with ¾" thick chip board fixed to hard wood frame of 1-1/4" x 1-1/4" size on top and bottom with 1/4" thick hard board on backing, one shelf of 1/2" thick chipboard 1/2"x1/2" hardwood frame, 1/2"x1/2" size wooden beading in the bottom of 1/2" thick chipboard shutters with formica on front face, fitting as per schedule of hardware, painting with enamel paint including termite control and all wood preservative applications complete all as per drawing and specification (front face of the cabinet shall be measured for payments).

50 Sft	a) Ground Floor	Sft
50 Sft	b) First Floor	Sft
50 Sft	c) Second Floor	Sft
50 Sft	d) Third Floor	Sft
50 Sft	e) Fourth Floor	Sft
50 Sft	f) Fifth Floor	Sft

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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10. Providing, making and fixing build in wardrobe cabinet of 2ft deep with 3/4" thick chipboard of both sided commercial ply veneered horizontal and vertical shelve and walling 1" thick shutter of 3/4" chipboard of one sided commercial ply veneered and the other side of finished with 1/4" thick teak ply all chipboard edging with 1"x 3/4" deodar wood lipping as shown in drawings, all fittings as per schedule of harware including 3 coat of enamel painting to inner surfaces of the cabinet and wax polishing to the outer surfaces of shutters etc., complete as per drawings and specifications and as per directed by the Engineer Incharge.

100 Sft	a) Ground Floor	Sft
100 Sft	b) First Floor	Sft
100 Sft	c) Second Floor	Sft
100 Sft	d) Third Floor	Sft
100 Sft	e) Fourth Floor	Sft
100 Sft	f) Fifth Floor	Sft

11. Providing and fixing balustrade of Mild steel 3/4" square bars fixed with 1" x 1/4" mild steel flat to 6" x 3" sheesham wood hand rail moulded to required details as per drawing and specifications including polishing the hand rail and painting the mild steel square bars with 2 coats of enamelled paint over a priming coat of anticorrosive (red oxide) of approved manufacture's (3'-0" high for balcony and for open area) for all floor.

75 Rft	a) Ground Floor	Rft
75 Rft	b) First Floor	Rft
75 Rft	c) Second Floor	Rft
75 Rft	d) Third Floor	Rft
75 Rft	e) Fourth Floor	Rft
75 Rft	f) Fifth Floor	Rft

12. 4 Nos Providing and fixing C.I. manhole covers with frame 2'-0" x 2'-0" inside dimension double seal water tight weighing 1 cwt complete with locking arrangements etc. Each

ATTESTED



(Engg. Shrihari Kolachi)
Project Engineer
Shrihari Abhimanu Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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13.		Supply and fixing in position UPVC channels, framing for sliding windows and ventilators made with 5mm thick tinted glass glazing (belgium) and aluminium, fly including handles, stoppers and locking arrangements etc., complete in all respect and to the approved of Engineer Incharge.				
	280 Nos	a) Ground Floor	Sft			
	280 Nos	b) First Floor	Sft			
	280 Nos	c) Second Floor	Sft			
	280 Nos	d) Third Floor	Sft			
	280 Nos	e) Fourth Floor	Sft			
	280 Nos	f) Fifth Floor	Sft			

14.		Providing and fixing stainless Steel nickle coated stair case railing of 3'1/2" consisting of horizontal 2-1/2" x 2-1/2" @ bottom and 1-1/2" x 1-1/2" vertical tube 12" c/c and 3" steel tube with round ball as per directions of Engineer Incharge.				
	30 Rft	a) Ground Floor	Rft			
	30 Rft	b) First Floor	Rft			
	30 Rft	c) Second Floor	Rft			
	30 Rft	d) Third Floor	Rft			
	30 Rft	e) Fourth Floor	Rft			
	30 Rft	f) Fifth Floor	Rft			

15.		Providing and fixing granite strip 5'x1'x3/4" thick fixed over stair steps of required width, set in cement sand mortar 1:2 in grey cement 3/4" thick including washing and filling and grouting the joints with neat white cement slurry using colour pigment for matching including gridding, rubbing, polishing and curing etc. complete as per specification and as directed by the Engineer Incharge.				
	250 Sft	a) Ground Floor	Sft			
	250 Sft	b) First Floor	Sft			
	250 Sft	c) Second Floor	Sft			
	250 Sft	d) Third Floor	Sft			
	250 Sft	e) Fourth Floor	Sft			
	250 Sft	f) Fifth Floor	Sft			

16.	1 L.S	Providing and fixing Mattlic letters words with college logo for Name of Hostel over Entrance including LED lights instalation complete as per direction by the Engineer Incharge.	L.S			
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ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) :

Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 18-19 & ABOVE

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.	12 Nos	Providing and fixing steel sinks stainless local (20"x40") make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" C.P. rubber plug chrome plated brass chain, 1-1/2" C.P. brass waste, with 1-1/2" P.V.C. waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. (S.I. No:19(a) P-6 Chapter-1 of Schedule of Rate of 2012)	Each	5,052.30		60,627.60
02.	36 Nos.	Providing & fixing C.P. Brass Towel Rail complete with bracket fixing on wooden cleats with 1" long C.P. brass screws, 30" long 3/4" dia (round standard quality). (S.I. No.1(ii)(a) Chapter-2 of Schedule of Rate of 2012)	Each	1,082.95		38,986.20
03.	36 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chrome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		38,570.40
04.	36 Nos.	Providing & fixing 24"x18" bevelled edge mirror of Belgium Glass complete with 1/8" thick C.P. Brass Towel Rail complete with bracket fixing on wooden cleats with 1" long C.P. brass screws, 30" long 3/4" dia (round standard quality). (S.I. No.3(a) Chapter-2 of Schedule of Rate of 2012)	Each	1,711.60		61,617.60
05.	600 Rft	Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). a) 1/2 inch dia S.I. No:1 (i) Chapter-5 of Schedule of Rate of 2012)	Rft	64.88		38,928.00

ATTESTED


(Project Engineer)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur
64.88 38,928.00

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2 Chapter-10 of Schedule of Rate of 2012)				
	300 Rft	a) RCC Pipe 6"dia	Rft	199.25		59,775.00
	350 Rft	a) RCC Pipe 9"dia	Rft	250.60		87,710.00
	350 Rft	b) RCC Pipe 12"dia	Rft	401.97		140,689.50
07.	24 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		28,636.08
08.		Providing and fixing full way gunmetal valves with wheels threaded or flanged ends with rubber washers, standard pattern. (Note: Standard manufacturer by M/s. Anwar Mechanical Works) (S.I.No.4(B), Chapter-6 of Schedule of Rate of 2012)				
	10 Nos	a) 1½"dia	Each	970.92		9,709.20
	24 Nos	b) 1"dia	Each	271.92		6,526.08
	24 Nos	c) ¾"dia	Each	227.92		5,470.08
09.	108 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		55,051.92
10.	36 Nos.	Supply and fixing concealed jet shower with rod of superior quality single C.P. head 1/2" dia. (S.I.No.15, Chapter-6 of Schedule of Rate of 2012)	Each	1,142.24		41,120.64
11.	36 Nos	Supplying and fixing wash basin mixture of superior quality with C.P head 1/2" dia. (S.I. No.14(a) Page-19, Chapter-6 of Schedule of Rate of	Each	2,882.00		103,752.00
12.	12 Nos	Supplying and fixing sink mixture cock of superior quality with C.P head etc. complete. (S.I. No.17 Chapter-6 of Schedule of Rate of 2012)	Each	2,745.60		32,947.20
13.	36 Nos	Supplying and fixing long bib-cock of superior quality with C.P head etc. complete. (S.I. No.13(a) Chapter-2 of Schedule of Rate of 2012)	Each	1,109.46		39,940.56

ATTEST


(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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14.	36 Nos.	Supplying and fixing C.P. Muslim shower with double bib cock and ring pipe etc; complete. (S.I.No. 19(a), Chapter-6 of Schedule of Rate of 2012)	Each	3,432.00		123,552.00
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15.	20 Nos	Cõnstruction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1½"x1½' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		294,960.00
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TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs.

1,268,570.06

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 18-19 & ABOVE

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 36 Nos Providing, and fixing European type coupled white vitreous China wash down water closet bowl of Karam Ceramics complete with closed front black plastic seat and cover including 2 gallons low level white vitreous China flush tank; 1¼" dia G.I. telescopic flush pipe with bend, ½" dia C.P. stop cock [heavy] ¾" dia flexible inlet connection [heavy] C.I. thimble and other necessary accessories including making cuts, holes in walls, floors etc; and making good the same in cement with testing etc; complete in all respects, the fittings are first class best quality, locally made. Each

02. 36 Nos Providing and fixing wash basin of Karam Ceramics overall size 24" x 18" of white vitreous China, wall hung with CP bottle trap of approved design, anti splash front rim with front overflow ½" dia C.P. ghoose neck pillar tap [heavy] 3/8" dia flexible inlet connection and C.P. stop valves with a pair of C.I. brackets to support the basin, 1¼" dia waste pipe with C.P. brass coupling and waste including making cuts, holes in walls, floors, etc; and making good the same in cement with testing etc.; complete in all respects, the fittings are first class best quality, locally made. Each

03. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fittings (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface-and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

150 Rft	a) 20 mm dia (¾" dia:)	Rft
500 Rft	b) 25 mm dia (1" dia:)	Rft
250 Rft	c) 32 mm dia (1-¼" dia:)	Rft
250 Rft	d) 50 mm dia (2" dia:)	Rft

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghuilam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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04.		Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	500 Rft	a) 75 mm dia (3" dia:)	Rft			
	500 Rft	b) 110 mm dia (4" dia:)	Rft			
05.	8 Nos	Providing and installing "Nesgas" or equivalent approved water heater / geyser of 20 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete.	Each			
06.	36 Nos	Providing and Fixing C.P Trap jali 4 inches square or round for wash basin.	Each			
07.	36 Nos	Providing and Fixing C.P Trap jali 6 inches square or round with hinges for floor drain.	Each			
08.	12 Nos	Providing and Fixing brass union cock in gas line complete in all respects.	Each			
09.	8 Job	Providing and making connection to city gas main as per rules of the gas company including all charges, fee, etc., payable and the cost of gas regulator and gas meter. (Excluding departmental charges).	Each			
10.	8 Job	Making connection of water supply with existing line including all materials required for the proper completion of the job etc., complete and as directed by the Engineer Incharge. (Excluding departmental charges).	Each			
11.	1 Job	Making connection of Sewer with existing Manhole, including cutting and making good in maonry/ concrete and caulking as required in cement mortar etc., complete as directed by the Engineer Incharge. (Excluding departmental charges).	Each			

ATTESTED

Zahid Ali

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 18-19 & ABOVE

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	456 Point	Wiring for light / fan / exhaust fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		515,280.00
2.	168 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.126-p15)	Point	985.00		165,480.00
3.	12 Point	Wiring for call bell point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.128-p15)	Point	1764.00		21,168.00
4.	336 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		24,192.00
5.	6 Point	Providing & fixing brass ceiling fan 56" (good quality) (Schedule Item No. 235-p34)	Point	3185.00		19,110.00
6.	12 Point	Providing & fixing brass bracket fan 18" (good quality) (Schedule Item No. 236-p34)	Point	2750.00		33,000.00
7.	140 Mtrs	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 4-7/.044(6mm ²) copper conductor in 1/1/2 dia . PVC conduit ressed in wall slap or column as required. (Schedule Item No. 40 -p6)	Per Mtr.	613.00		85,820.00

TOTAL SCHEDULE ITEMS,(ELECTRICAL WORKS) : Rs. 864,050.00

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(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 18-19 & ABOVE

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

01. Provide, wire and connect 2x2.5 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:

101. 37 Nos Circuit for light/fan point Nos

102. 24 Nos Split AC outdoor to indoor. Nos

02. Provide, wire and connect 2x6 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories,

201. 24 Nos Split AC point. Each

03. Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:

301. 46 Nos Single gang switch plate: Nos

302. 14 Nos Double gang switch plate: Nos

303. 84 Nos Three gang switch plate: Nos

304. 12 Nos Four gang switch plate. Nos

305. 60 Nos Solid state fan dimmer with "ON-OFF" control. Nos

306. 168 Nos 5 Amps 2/3 pin switched socket outlet plate: Nos

307. 12 Nos Bell push button Nos

308. 12 Nos Buzzer Nos

04. Provide, install, connect and commission Exhaust fan, complete in all respects.

401. 60 Nos 9" dia exhaust fan Nos

ATTEST



(Engr. Zaheer Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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B. SEC: B: FEEDERS

01. 100 Mtrs Provide lay, and connect feeder from Main DB 300mm² 3 1/2 core PVC/PVC SWA /PVC cable burried under ground , complete with all accessories. Mtrs

C. SEC: C: SWITCH GEAR:

01. Provide, install, connect and commission Main Emergency panel, cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under:

Incoming:

1-400 Amp, TP, 15 KA, MCCB,

3-phase indicating lamps:

1-set of Bus bars

Outgoing:

13-30 Amps TP, 10 KA, MCCBs:

1 Job 1-10 Amps TP, 10 KA, MCCBs: Job

02. Provide, install, connect and commission FLAT-DB 1.5mm thick steel sheet fabricated, flush type totally enclosed with hinged front cover suitable for 3 phase, 4 wire, 50 Hz A/C system and equipped as under:

Incoming:

1-30 Amp, TP, 10 KA, MCCB :

3 - Phase indication lamps:

Outgoing:

8 Job 3-10 Amps SP, 7.5 KA, MCBs: Job
3-15 Amps SP, 7.5 KA, MCBs:
3-30 Amps SP, 7.5 KA, MCBs:

D. SEC: D: EARTHING:

01. 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, burried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications. Job

ATTESTED



(Eng. Zaid Ali Kofani,
Project Engineer
Siddam Muhammad Mahat
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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02. 8 Mtrs Provide, lay and connect 2x3/o SWG copper conductors in 50mm dia G.I. Pipe from earth plate to panel. Mtrs

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. _____

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghuiaam Muhammad Mahal
Medical College Sukkur



**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR.**

Package – 2

- i) Residential Flats for Grade 15-17
- ii) Residential Flats for Grade 10-14

Tender Documents

Part – I

***Invitation for Bids
Instruction to Bidders
Bidding Data
Form of Bid and Appendices to Bid
Bill of Quantities
Bid Security Form
Form of Performance Security
Form of Contract Agreement
Mobilization Advance Guarantee/Bond
Indenture Bond for Secured***

Consultants:



ZAHEERUDDIN CONSULTANTS (PVT.) LTD.

■ Architects ■ Planners ■ Engineers ■ Construction Managers
5-A, Sindhi Muslim Society, Karachi – 74400 (Pakistan)
Tel:# 3455 0321 (4 Lines) Fax: (92-21) 3455 5251 E-mail: zckhi@gmail.com
Email: info@zaheeruddinconsultants.org, www.zaheeruddinconsultants.org



SPECIAL STIPULATIONS
Clause
Conditions of Contract

1.	Engineer representing Consulting Firm hired by the procuring agency to issue variation in case of emergency, in foreign funded projects.	2.1	<i>Not Applicable</i>
2.	Amount of Performance Security	10.1	10% of Contract Price.
3.	Time for Furnishing Programme	14.1	Within 28 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Insurance	23.2	Rs. 500,000/- per occurrence with number of occurrences unlimited.
5.	Time for Commencement	41.1	Within 14 days from the date of receipt of Engineer's Notice to Commence, this shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion	43.1 48.2	548 days from the date of receipt of Engineer's Notice to Commence
7.	a) Amount of Liquidated Damages	+47.1	Rs.100,000.00 for each day of delay in completion of the works subject to a maximum of 10% of contract price stated in the Letter of Acceptance.
	b) Amount of Bonus (it is discretion of procuring agency to pay bonus, only in cases where time is of critical value).	47.3	<i>Not Applicable</i>
8.	Defects Liability Period	49.1	548 days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	60.2	10 % of the amount of Interim/Running Payment Certificate (Total value 5% of the Bid amount).
10.	Limit of Retention Money	60.2	5% of Contract Price stated in the Letter of Acceptance.
11.	Minimum amount of Interim/Running Payment Certificates	60.2	Rs. 5.0 million
12.	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	60.10	30 days
13.	Mobilization Advance (Interest Free in case of foreign funded projects only)	60.12	10% of Contract Price stated in the Letter of Acceptance, against Bank Guarantee.

As explained in the Special Conditions Part-II of Contract.

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Appendix-D to Bid

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bids, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the works.
6. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 58.2 of Part I, General Conditions of Contract.

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

BD-2
Appendix-D to Bid

BILL OF QUANTITIES

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR**

GRAND SUMMARY

PACKAGE - 2

01.	Grade 15 - 17	Rs. _____
02.	Grade 10 - 14	Rs. _____
GRAND TOTAL OF PACKAGE-2 =		Rs. _____

(Rupees in Words)

ATTESTED



(Engr. Zafar Iqbal Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 15 - 17

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 43,237,558.06	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 1,512,163.48	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 4,198,034.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
		Total Rs. _____
1 Block	ATTESTED = Rs. _____	X 3 Rs. _____



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 15 - 17

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8.				
	1,286 Cft	(a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		121,093.36
02.		Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering):				
		(i) Ratio 1:3:6:				
	1,310 Cft	a) Ground Floor	%Cft	12,595.00		164,994.50
	20 Cft	b) First Floor	%Cft	12,595.00		2,519.00
	20 Cft	c) Second Floor	%Cft	13,805.00		2,761.00
	20 Cft	d) Third Floor	%Cft	15,015.00		3,003.00
	20 Cft	e) Fourth Floor	%Cft	15,771.25		3,154.25
	20 Cft	f) Fifth Floor	%Cft	16,527.50		3,305.50
		(ii) Ratio 1:4:8:				
	849 Cft	a) Ground Floor (S.I. No.5(h) and (i) +12(a) & (b) chapter.4 of Schedule of Rates 2012)	%Cft	11,288.75		95,841.49
03.		Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical).				
	3,450 Sft	a) Ground Floor	%Sft	3,127.41		107,895.65
	15 Cft	b) First Floor	%Sft	3,127.41		469.11
	15 Cft	c) Second Floor	%Sft	3,292.57		493.89
	15 Cft	d) Third Floor	%Sft	3,533.97		530.10
	15 Cft	e) Fourth Floor	%Sft	3,775.36		566.30
	15 Cft	f) Fifth Floor	%Sft	3,775.36		566.30
		(S.I. No.19(b)(ii) chapter 4 of Schedule of Rates 2012)				
04.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle).				
		(b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural mambers laid in situ or pre-cast laid in position complete in all respects.				
		(i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
	14,070 Cft	a) Foundation	Cft	337.00		4,741,590.00
	4,237 Cft	b) Ground Floor	Cft	337.00		1,427,869.00
	3,095 Cft	c) First Floor	Cft	349.10		1,080,464.50
	3,095 Cft	d) Second Floor	Cft	361.20		1,117,914.00
	3,095 Cft	e) Third Floor	Cft	373.30		1,155,363.50
	3,095 Cft	f) Fourth Floor	Cft	385.40		1,192,813.00
	3,421 Cft	g) Fifth Floor	Cft	397.41		1,359,539.61
		(S.I. No.6(a)(i) + (d) chapter 4 of Schedule of Rates 2012)				
05.	575 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick.	%Sft	3,912.85		22,498.89
		(S.I. No.28(b) chapter 4 of Schedule of Rates 2012)				
06.	3,435 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft.	%Sft	2,760.99		94,840.01
		(S.I. No.70, chapter 18 of Schedule of Rates 2012)				
07.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints:				
	2,395 Cft	a) Ground Floor	%Cft	12,674.36		303,550.92
	2,295 Cft	b) First Floor	%Cft	13,112.99		300,943.12
	2,295 Cft	c) Second Floor	%Cft	13,687.74		314,133.63
	2,295 Cft	d) Third Floor	%Cft	14,262.49		327,324.15
	2,295 Cft	e) Fourth Floor	%Cft	15,260.74		350,233.98
	2,830 Cft	f) Fifth Floor	%Cft	15,260.74		431,878.94
		(S.I. No.5(i)(e) + 6 chapter 5 Page-21 & 22 of Schedule of Rates 2012).				
08.	5,920 Cft	Supplying and filling sand under floors and plugging in walls.	%Cft	1,141.25		67,562.00
		(S.I. No.29 chapter 5 of Schedule of Rates 2012)				
09.	710 Cft	Dry rammed brick or stone ballast 1½" to 2" gauge.	%Cft	3,327.50		23,625.25
		(S.I. No.2 chapter 4 of Schedule of Rates 2012)				
10.		Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints:				
	1,940 Sft	a) Ground Floor	Sft	567.48		1,100,911.20
	1,860 Sft	b) First Floor	Sft	569.74		1,059,716.40
	1,860 Sft	c) Second Floor	Sft	572.00		1,063,920.00
	1,860 Sft	d) Third Floor	Sft	574.26		1,068,123.60
	1,860 Sft	e) Fourth Floor	Sft	576.52		1,072,327.20
	1,860 Sft	f) Fifth Floor	Sft	578.78		1,076,530.80
		(S.I. No.28(a) + 18 chapter 8 P-43 of Schedule of Rates 2012)				

ATTESTED

(Signature)

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
11.		Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, current finishing, cleaning and polishing etc. complete.				
	250 Sft	a) Ground Floor	Sft	186.04		46,510.00
	250 Sft	b) First Floor	Sft	186.04		46,510.00
	250 Sft	c) Second Floor	Sft	186.04		46,510.00
	250 Sft	d) Third Floor	Sft	186.04		46,510.00
	250 Sft	e) Fourth Floor	Sft	186.04		46,510.00
	250 Sft	f) Fifth Floor	Sft	186.04		46,510.00
		(S.I. No:68(a), Chapter-8 of Schedule of Rates 2012)				
12.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete.				
	240 Sft	a) Ground Floor	%Sft	27,678.86		66,429.26
	240 Sft	b) First Floor	%Sft	27,905.79		66,973.90
	240 Sft	c) Second Floor	%Sft	28,132.62		67,518.29
	240 Sft	d) Third Floor	%Sft	28,359.50		68,062.80
	240 Sft	e) Fourth Floor	%Sft	28,586.38		68,607.31
	240 Sft	f) Fifth Floor	%Sft	28,813.26		69,151.82
		(S.I. No.24 + 18 chapter 8 of Schedule of Rates 2012)				
13.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.				
	1,135 Cft	a) Ground Floor	%Cft	28,299.30		321,197.06
	1,135 Cft	b) First Floor	%Cft	28,299.30		321,197.06
	1,135 Cft	c) Second Floor	%Cft	28,299.30		321,197.06
	1,135 Cft	d) Third Floor	%Cft	28,299.30		321,197.06
	1,135 Cft	e) Fourth Floor	%Cft	28,299.30		321,197.06
	1,135 Cft	f) Fifth Floor	%Cft	28,299.30		321,197.06
		(S.I. No.38 chapter 8 of Schedule of Rates 2012)				
14.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels.				
	2,732 Sft	(a) Over Roof Top	%Sft	4,409.90		120,478.47
		(S.I. No.16(c) + 18 chapter 8 of Schedule of Rates 2012)				
15.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	2,572 Sft	(a) Under Floor	Sft	10.70		27,520.40
		(S.I. No.38 chapter 7 of Schedule of Rates 2012)				
16.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	2,732 Sft	(a) Over Roof Top	%Sft	1,887.40		51,563.77
		(S.I. No.13 chapter 7 of Schedule of Rates 2012)				

ATTESTED

(Signature)

Engr. Zaid Ali Koli
Project Engineer
Ghulam Muhammad Mahar
Medical College, Solapur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
24.		Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges).				
	1,200 Sft	a) Ground Floor	%Sft	2,116.41		25,396.92
	1,200 Sft	b) First Floor	%Sft	2,116.41		25,396.92
	1,200 Sft	c) Second Floor	%Sft	2,116.41		25,396.92
	1,200 Sft	d) Third Floor	%Sft	2,116.41		25,396.92
	1,200 Sft	e) Fourth Floor	%Sft	2,116.41		25,396.92
	1,200 Sft	f) Fifth Floor	%Sft	2,116.41		25,396.92
		(S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)				
25.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall).				
	5,950 Sft	a) Ground Floor	%Sft	2,237.95		133,158.03
	6,155 Sft	b) First Floor	%Sft	2,237.95		137,745.82
	6,155 Sft	c) Second Floor	%Sft	2,237.95		137,745.82
	6,155 Sft	d) Third Floor	%Sft	2,237.95		137,745.82
	6,155 Sft	e) Fourth Floor	%Sft	2,237.95		137,745.82
	6,155 Sft	f) Fifth Floor	%Sft	2,237.95		137,745.82
		(S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)				
26.		Distempering (3 coats) (on ceiling):				
	2,145 Sft	a) Ground Floor	%Sft	1,079.65		23,158.49
	2,145 Sft	b) First Floor	%Sft	1,079.65		23,158.49
	2,145 Sft	c) Second Floor	%Sft	1,079.65		23,158.49
	2,145 Sft	d) Third Floor	%Sft	1,079.65		23,158.49
	2,145 Sft	e) Fourth Floor	%Sft	1,079.65		23,158.49
	2,145 Sft	f) Fifth Floor	%Sft	1,079.65		23,158.49
		(S.I. No.24(c) chapter 9 of Schedule of Rates 2012)				
27.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	200 Sft	a) Ground Floor	%Sft	2,567.95		5,135.90
	150 Sft	b) First Floor	%Sft	2,796.04		4,194.06
	150 Sft	c) Second Floor	%Sft	3,024.13		4,536.20
	150 Sft	d) Third Floor	%Sft	3,252.22		4,878.33
	150 Sft	e) Fourth Floor	%Sft	3,480.31		5,220.47
	1,350 Sft	f) Fifth Floor	%Sft	3,708.40		50,063.40
		(S.I. No.38(A&B) + 42 chapter 9 of Schedule of Rates 2012)				
28.	2,575 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area). (S.I. No.92 chapter 18 of Schedule of Rates 2012)	Sft			25,080.50


 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Mahar
 M.9741 College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
29.		Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats with 1st coat of red oxide paint etc:				
	300 Sft	a) Ground Floor	Sft	194.16		58,248.00
	300 Sft	b) First Floor	Sft	194.16		58,248.00
	300 Sft	c) Second Floor	Sft	194.16		58,248.00
	300 Sft	d) Third Floor	Sft	194.16		58,248.00
	300 Sft	e) Fourth Floor	Sft	194.16		58,248.00
	300 Sft	f) Fifth Floor	Sft	194.16		58,248.00
		(S.I.No:30 Chapter-17 of Schedule of Rate of 2012).				
30.		Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges).				
	300 Sft	a) Ground Floor	%Sft	1,270.83		3,812.49
	300 Sft	b) First Floor	%Sft	1,270.83		3,812.49
	300 Sft	c) Second Floor	%Sft	1,270.83		3,812.49
	300 Sft	d) Third Floor	%Sft	1,270.83		3,812.49
	300 Sft	e) Fourth Floor	%Sft	1,270.83		3,812.49
	300 Sft	f) Fifth Floor	%Sft	1,270.83		3,812.49
		(S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)				
31.	2,880 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		115,200.00
32.		Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.				
	315 Sft	a) Ground Floor	%Sft	47,651.56		150,102.41
	315 Sft	b) First Floor	%Sft	47,651.56		150,102.41
	315 Sft	c) Second Floor	%Sft	47,651.56		150,102.41
	315 Sft	d) Third Floor	%Sft	47,651.56		150,102.41
	315 Sft	e) Fourth Floor	%Sft	47,651.56		150,102.41
	315 Sft	f) Fifth Floor	%Sft	47,651.56		150,102.41
		(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)				
33.		First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1-3/4" thick.				
	460 Sft	a) Ground Floor	Sft	1,273.76		585,929.60
	460 Sft	b) First Floor	Sft	1,273.76		585,929.60
	460 Sft	c) Second Floor	Sft	1,273.76		585,929.60

(Engr: Zahid Ali Kolachi)

Project Engineer

Gulam Muhammad M

Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
	460 Sft	d) Third Floor	Sft	1,273.76		585,929.60
	460 Sft	e) Fourth Floor	Sft	1,273.76		585,929.60
	460 Sft	f) Fifth Floor	Sft	1,273.76		585,929.60
		(S.I. No.7(b) chapter 10 of Schedule of Rates 2012)				
34.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete. (a) 1- 3/4" thick deodar wood framing including wire gauze with ordinary hinges.				
	60 Sft	a) Ground Floor	Sft	562.98		33,778.80
	60 Sft	b) First Floor	Sft	562.98		33,778.80
	60 Sft	c) Second Floor	Sft	562.98		33,778.80
	60 Sft	d) Third Floor	Sft	562.98		33,778.80
	60 Sft	e) Fourth Floor	Sft	562.98		33,778.80
	60 Sft	f) Fifth Floor	Sft	562.98		33,778.80
		(S.I.No:14(a) Chapter-10 of Schedule of Rate of 2012).				
35.		Providing and fixing approved quality mortice lock:				
	18 Nos	a) Ground Floor	Each	1,786.13		32,150.34
	18 Nos	b) First Floor	Each	1,786.13		32,150.34
	18 Nos	c) Second Floor	Each	1,786.13		32,150.34
	18 Nos	d) Third Floor	Each	1,786.13		32,150.34
	18 Nos	e) Fourth Floor	Each	1,786.13		32,150.34
	18 Nos	f) Fifth Floor	Each	1,786.13		32,150.34
		(S.I.No.21, chapter 10 of Schedule of Rates 2012)				
36.		Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2- 1/2 inches as directed by Engineer Incharge:				
	675 Rft	a) Ground Floor	Rft	49.97		33,729.75
	675 Rft	b) First Floor	Rft	49.97		33,729.75
	675 Rft	c) Second Floor	Rft	49.97		33,729.75
	675 Rft	d) Third Floor	Rft	49.97		33,729.75
	675 Rft	e) Fourth Floor	Rft	49.97		33,729.75
	675 Rft	f) Fifth Floor	Rft	49.97		33,729.75
		(S.I.No:60 Chapter-10 of Schedule of Rate of 2012).				

TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs. 43,237,558.06

ATTESTED



(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 15 - 17

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01.		Providing and laying Gutta brick facing 21/4"x9"x2¼" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).				
	2,050 Sft	a) Ground Floor	Sft			
	2,050 Sft	b) First Floor	Sft			
	2,050 Sft	c) Second Floor	Sft			
	2,050 Sft	d) Third Floor	Sft			
	2,050 Sft	e) Fourth Floor	Sft			
	2,050 Sft	f) Fifth Floor	Sft			
	715 Sft	g) Above Fifth Floor	Sft			
02.		Providing, making and fixing build in wardrobe cabinet of 2 feet deep with 3/4 inch thick chipboard of both sided commercial ply veneered horizontal and vertical shelve and walling 1" thick shutter of 3/4" chipboard of one sided commercial ply veneered and the other side finished with 1/4" thick teak ply all chipboard edging with 1" x 3/4" deodar wood lipping as shown in drawings, all fittings as per schedule of hardware including 3 coat of enamel painting to inner surfaces of the cabinet and wax polishing to the outer surfaces of shutters etc. complete as per drawings and specifications and as per directed by Engineer Incharge.				
	85 Sft	a) Ground Floor	Sft			
	85 Sft	b) First Floor	Sft			
	85 Sft	c) Second Floor	Sft			
	85 Sft	d) Third Floor	Sft			
	85 Sft	e) Fourth Floor	Sft			
	85 Sft	f) Fifth Floor	Sft			

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Mohammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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03.		Providing and fixing balustrade of Mild steel 3/4" square bars fixed with 1" x 1/4" mild steel flat to 6" x 3" sheesham wood hand rail moulded to required details as per drawing and specifications including polishing the hand rail and painting the mild steel square bars with 2 coats of enamelled paint over a priming coat of anticorrosive (red oxide) of approved manufacture's (3'-0" high for balcony and for open area) for all floor.				
	150 Rft	a) First Floor	Rft			
	150 Rft	b) Second Floor	Rft			
	150 Rft	c) Third Floor	Rft			
	150 Rft	e) Fourth Floor	Rft			
	150 Rft	f) Fifth Floor	Rft			

04.		Providing and fixing stainless stair case railing of 3'1/2" consisting of horizontal 2-1/2" x 2-1/2" @ bottom and 1-1/2" x 1-1/2" vertical tube 12" c/c and 3" steel tube with round ball as per directions of Engineer Incharge.				
	90 Rft	a) Ground Floor	Rft			
	90 Rft	b) First Floor	Rft			
	90 Rft	c) Second Floor	Rft			
	90 Rft	d) Third Floor	Rft			
	90 Rft	e) Fourth Floor	Rft			
	90 Rft	f) Fifth Floor	Rft			

05.		Providing and fixing granite strip 5'x1'x3/4" thick fixed over stair steps of required width, set in cement sand mortar 1:2 in grey cement 3/4" thick including washing and filling and grouting the joints with neat white cement slurry using colour pigment for matching including gridding, rubbing, polishing and curing etc. complete as per specification and as directed by the Engineer Incharge.				
	225 Sft	a) Ground Floor	Sft			
	225 Sft	b) First Floor	Sft			
	225 Sft	c) Second Floor	Sft			
	225 Sft	d) Third Floor	Sft			
	225 Sft	e) Fourth Floor	Sft			
	225 Sft	f) Fifth Floor	Sft			

06.	230 Sft	Providing and applying 3/4" thick internal cement plaster ratio 1:4 with Pudlo @ 5 lbs per bag of cement etc. complete. (for Overhead Tanks).	Sft			
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ATTESTED

(Signature)

(Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur)

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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07. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

400 Rft a) 110 mm dia (4" dia for Rain water). Rft

08. Providing and making 2 feet deep kitchen cabinet consisting of 1" thick white marble topping over RCC slab, deodar wood frame 1" x 2" size, deodar wood vertical frame of 2" x 1" size, 1" x 2½" hard wood stopper, 1" x 1" hard wood framing to retain drawer, backing and bottom of drawer with ¼" thick commercial ply with deodar wood frame 2" x ¼" hard wood framing with ¾" thick commercial ply veneered chipboard in bottom, and drawer of ½" thick deodar wood plank with formica on front face, shutters of ½" thick chip board with formica on front with deodar wood internal partition, aluminium angle of ½" x ½" section on teh shutters, fitting as per schedule of hardware, enamel painting where required complete including termite control and all wood preservative applications all as per drawing and specifications (front face of the cabinet shall be measured for payment).

85 Sft a) Ground Floor Sft
85 Sft b) First Floor Sft
85 Sft c) Second Floor Sft
85 Sft d) Third Floor Sft
85 Sft e) Fourth Floor Sft
85 Sft f) Fifth Floor Sft

ATTESTED



(Engineer in Charge)
Project Engineer
Shubam Singh Bahar
Medical College, Buxlow

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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09.		Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).				
	240 Sft	a) Ground Floor	Sft			
	240 Sft	b) First Floor	Sft			
	240 Sft	c) Second Floor	Sft			
	240 Sft	d) Third Floor	Sft			
	240 Sft	e) Fourth Floor	Sft			
	240 Sft	f) Fifth Floor	Sft			

10.		Providing and making hanging cabinet 12" deep and 1'-6" high with 3/4" thick chip-board fixed to hard wood frame of 1 1/4" x 1-1/4" size on top and bottom with 1/4" thick hard board on backing, one shelf of 1/2" thick chip board with 1/2" x 1/2" hardwood frame, 1/2" x 1/2" size wooden beading in the bottom of 1/2" thick chipboard shutters with formica on front face, fitting as per schedule of hardware, painting with enamel paint including termite control and all wood preservative applications complete all as per drawing and specification (front face of the cabinet shall be measured for payments).				
	36 Sft	a) Ground Floor	Sft			
	36 Sft	b) First Floor	Sft			
	36 Sft	c) Second Floor	Sft			
	36 Sft	d) Third Floor	Sft			
	36 Sft	e) Fourth Floor	Sft			
	36 Sft	f) Fifth Floor	Sft			

11.	2 Nos	Providing and fixing manhole cover with frame 2'x2' including cutting, chiseling, finishing and curing all labour and materials etc. complete.	Each			
12.	3,770 Rft	Drilling and boring in sub soil of required diameter in any kind of soil to required depth complete for piles of 22 inch diameter 65'-0" depth.	Rft			

ATTESTED



(Engr: Ghulam Muhammad Mahar)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 15 - 17

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2(c) & (d) Chapter-10 of Schedule of Rate of 2012)				
	120 Rft	a) RCC Pipe 9"dia	Rft	250.60		30,072.00
	100 Rft	a) RCC Pipe 12"dia	Rft	401.97		40,197.00
	100 Rft	b) RCC Pipe 15"dia	Rft	510.11		51,011.00
02.	8 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		9,545.36
03.	108 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		55,051.92
04.	36 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		38,570.40
05.	16 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1½"x1½' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		235,968.00

ATTESTED



Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.	12 Nos	Providing and fixing steel sinks stainless local (40"x 20") make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" C.P. rubber plug chrome plated brass chain, 1-1/2" C.P. brass waste, with 1-1/2" P.V.C. waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. (S.I. No:19(a) P-6.Chaper-1 of Schedule of Rate of 2012)	Each	5,052.30		60,627.60
07.	12 Nos	Providing and fixing European type white glazed earthen ware wash down WC pan complete with and including cost of white/black plastic seat (best quality) and lid with CP brass hinges and buffers, 3 gallons plastic flushing cistern with fitting and clamps 3/4" dia and cutting and making requisite number of holes in wall plinth and floor for pipe connections and making good in cement concrete 1:2:4. (S.I. No.4 Page-2 of Schedule of Rate of 2012))	Each	5,339.40		64,072.80
08.	36 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug and chrome plate brass chain 1-1/4" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I.No.8+9 Page-9 Chapter-1 of Schedule of Rate of 2012)	Each	5,192.17		186,918.12
09.	24 Nos	Providing and fixing in position nylon connection complete with 1/2" dia brass stop cock, with pair of brass nuts and lining joints to nylon connection. (S.I. No.23 Page-6 of Schedule of Rate of 2012))	Each	447.15		10,731.60
10.	48 Nos	Supplying and fixing in position 1/2" dia CP bib cock, standard pattern. (S.I. No.2(i)(b) Page-16 of Schedule of Rate of 2012))	Each	150.92		7,244.16
11.	36 Nos	Supplying and fixing wash basin mixture of superior quality with C.P head 1/2" dia. (S.I. No.14(a) Page-19, Chapter-6 of Schedule of Rate of 2012)	Each	2,882.00		103,752.00
12.	12 Nos	Supplying and fixing sink mixture cock of superior quality with C.P head etc. complete. (S.I. No.17 Chapter-6 of Schedule of Rate of 2012))	Each	2,745.60		32,947.20

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Muhammad Mahir
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
13.	12 Nos	Supplying and fixing CP muslim shower with double bib cock and ring pipe etc. complete. (S.I. No.19-a Page-19 of Schedule of Rate of 2012))	Each	3,432.00		41,184.00
14.	108 Nos	Supplying and fixing concealed tee-stop cock of superior quality with CP head 1/2" dia. (S.I. No.12-a Page-18 of Schedule of Rate of 2012))	Each	843.92		91,143.36
15.	36 Nos	Providing and fixing 24"x18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern). (S.I. No.3-a Page-7 of Schedule of Rate of 2012))	Each	1,711.60		61,617.60
16.	36 Nos	Providing and fixing bath room accessories of set of 7 pieces consist of one cosmetic shelf, one towel rod with bracket, one soap dish, one tooth brush holder with glass and cover, one tissue paper holder one double hook one towel ring etc complete of approved quality as per direction of Engineer in-charge. (S.I. No.10 Page-47 of Schedule of Rate of 2012))	Each	3,986.62		143,518.32
17.	15 Nos	Supplying and fixing 3/4" dia handle valve (China). (S.I. No.4(b)(ii),(iii)&(v) Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	227.92		3,418.80
18.	65 Nos	Supplying and fixing 1" dia handle valve (China). (S.I. No.5(iii) Page-17 of Schedule of Rate of 2012))	Each	365.42		23,752.30
19.	15 Nos	Supplying and fixing 1-1/2" dia handle valve (China). (S.I. No.4(v) Page-17 of Schedule of Rate of 2012))	Each	970.92		14,563.80
20.	2 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4-1/2" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qr) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20 of Schedule of Rate of 2012))	Each	4,905.67		9,811.34
21.	24 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (i) with 4 " dia C.I. trap. (S.I. No.3(a) Page-2 of Schedule of Rate of 2012))	Each	5,836.60		140,078.40

ATTESTE



(Engr. Z. A. J. J. J. J.)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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22.

Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). (Internal):

150 Rft	a) 1/2 inch (17mm) dia pipe.	Rft	64.88	9,732.00
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540 Rft	b) 3/4 inch (20mm) dia pipe.	Rft	86.36	46,634.40
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S.I. No:1(i)&(ii) P-14 Chapter-5 of Schedule of Rate of 2012)

TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs.

1,512,163.48

ATTESTED



(Sd/- Ghulam Muhammad Mahat)
Project Engineer
Ghulam Muhammad Mahat
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 15 - 17

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

300 Rft	a) 20 mm dia (3/4" dia)	Rft
150 Rft	b) 40 mm (1-1/2" dia)	Rft
150 Rft	c) 17 mm dia (1/2" dia)	Rft
150 Rft	d) 25 mm (1" dia)	Rft
975 Rft	e) 50 mm (2" dia)	Rft

02. Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowls, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:

750 Rft	a) 75 mm dia (3" dia:)	Rft
720 Rft	b) 110 mm dia (4" dia:)	Rft

03. 12 Nos Providing and installing "Nesgas" or equivalent approved water heater / geyser of 30 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete.

Each

ATTESTED



(Engineer Incharge)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 15 - 17

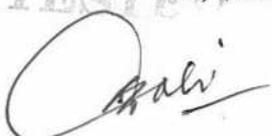
ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words	Amount
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SCHEDULE ITEMS:

1.	453 Point	Wiring for light / fan / exhaust fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		511,890.00
2.	168 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.126-p15)	Point	985.00		165,480.00
3.	12 Point	Wiring for call bell point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.128-p15)	Point	1764.00		21,168.00
4.	333 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		23,976.00
5.	60 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 235-p34)	Point	3185.00		191,100.00
6.	12 Point	Providing & fixing brass bracket fan 18" (good quality). (Schedule Item No. 236-p34)	Point	2750.00		33,000.00
7.	170 Mtrs	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 4-7/.044(6mm ²) copper conductor in 1/1/2 dia . PVC conduit ressed in wall slap or column as required. (Schedule Item No. 40 -p6)	Per Mtr.	613.00		104,210.00
8.	170 Mtrs	Providing & laying (MAIN or SUB MAIN) PVC insulated with 4 core armoured copper conductor size copper conductor 240mm size. (Schedule Item No. 122 -p14)	Per Mtr.	18513.00		3,147,210.00

ATTESTED

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 4,198,034.00

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 15 - 17

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

01.		Provide, wire and connect 2x2.5 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
101.	37	Nos Circuit for light/fan point	Each			
102.	24	Nos Wiring for indoor to outdoor AC unit.	Each			
02.		Provide, wire and connect 2x6 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
201.	24	Nos Split AC point.	Each			
03.		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:				
301.	32	Nos Single gang switch plate.	Each			
302.	13	Nos Double gang switch plate.	Each			
303.	96	Nos Three gang switch plate:	Each			
304.	12	Nos Four gang switch plate.	Each			
305.	60	Nos Solid state fan dimmer with "ON-OFF" control.	Each			
306.	168	Nos 5 Amps 2/3 pin switched socket outlet plate.	Each			
307.	12	Nos Bell push button.	Each			
308.	12	Nos Buzzer	Each			
04.		Provide, install, connect and commission Exhaust fan, complete in all respects.				
401.	60	Nos 9" dia exhaust fan	Each			

ATTESTED



(Eng. Farooq Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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B. **SEC: B: SWITCH GEAR:**

01. Provide, install, connect and commission Main Emergency panel, cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under:

Incoming:

1-350 Amp, TP, 15 KA, MCCB,
3-phase indicating lamps:
1-set of Bus bars

Outgoing:

1 Job 12-30 Amps TP, 10 KA, MCCBs: Each
1-10 Amps TP, 10 KA, MCCBs:

02. Provide, install, connect and commission FLAT-DB 1.5mm thick steel sheet fabricated, flush type totally enclosed with hinged front cover suitable for 3 phase, 4 wire, 50 Hz A/C system and equipped as

Incoming:

1-30 Amp, TP, 10 KA, MCCB :
3 - Phase indication lamps:

Outgoing:

12 Jobs 3-10 Amps SP, 7.5 KA, MCBs: Each
3-15 Amps SP, 7.5 KA, MCBs:
3-30 Amps SP, 7.5 KA, MCBs:

C. **SEC: C: EARTHING:**

01. 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, buried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications.

Each

ATTESTED



(Project Engineer)
Ghulam Muhammad Mahar
Medical College Sukkur

02. 8 Mtrs Provide, lay and connect 2x3/o SWG copper conductors in 50mm dia G.I. Pipe from earth plate to panel.

Mtrs

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 10 - 14

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 23,956,810.70	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 1,008,510.90	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 580,322.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
		Total Rs. _____
1 Block	ATTESTED = Rs. _____	X 3 Rs. _____


(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 10 - 14

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8.				
	1,400 Cft	(a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		131,827.92
02.		Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering):				
	(i)	(i) Ratio 1:3:6:				
	960 Cft	a) Ground Floor	%Cft	12,595.00		120,912.00
	37 Cft	b) First Floor	%Cft	12,595.00		4,660.15
	37 Cft	c) Second Floor	%Cft	13,805.00		5,107.85
	37 Cft	d) Third Floor	%Cft	15,015.00		5,555.55
	(ii)	(ii) Ratio 1:4:8:				
	620 Cft	a) Ground Floor (S.I. No.5(h) & (i) +12 chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		69,990.25
03.		Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical).				
	2,480 Sft	a) Ground Floor	%Sft	3,127.41		77,559.77
	20 Sft	b) First Floor	%Sft	3,127.41		625.48
	20 Sft	c) Second Floor	%Sft	3,292.57		658.51
	20 Sft	d) Third Floor (S.I. No.19(b)(ii) chapter 4 of Schedule of Rates 2012)	%Sft	3,533.97		706.79
04.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle).				
		(b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural mambers laid in situ or pre-cast laid in position complete in all respects.				
		(i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	10,130 Cft	a) Foundation	Cft	337.00		3,413,810.00
	3,060 Cft	b) Ground Floor	Cft	337.00		1,031,220.00
	2,240 Cft	c) First Floor	Cft	349.10		781,984.00
	2,240 Cft	d) Second Floor	Cft	361.20		809,088.00
	2,566 Cft	e) Third Floor (S.I. No.6(a)(i) +(d) chapter 4 of Schedule of Rates 2012)	Cft	373.30		957,887.80

ATTESTED


(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur
Page-7

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
05.	410 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		16,042.69
06.	2,460 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		67,920.35
07.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints:				
	2,025 Cft	a) Ground Floor	%Cft	12,674.36		256,655.79
	2,025 Cft	b) First Floor	%Cft	13,112.99		265,538.05
	2,025 Cft	c) Second Floor	%Cft	13,687.74		277,176.74
	2,530 Cft	d) Third Floor (S.I. No.5(i) (e) + 6 chapter 5 Page-21 & 22 of Schedule of Rates 2012).	%Cft	14,262.49		360,841.00
08.	3,906 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		44,577.23
09.	435 Cft	Dry rammed brick or stone ballast 1½" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		14,474.63
10.		Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints:				
	1,440 Sft	a) Ground Floor	Sft	567.48		817,171.20
	1,310 Sft	b) First Floor	Sft	569.74		746,359.40
	1,310 Sft	c) Second Floor	Sft	572.00		749,320.00
	1,310 Sft	d) Third Floor (S.I. No.28(a) chapter 8 P-43 of Schedule of Rates 2012)	Sft	574.26		752,280.60
11.		Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, current finishing, cleaning and polishing etc. complete.				
	230 Sft	a) Ground Floor	Sft	186.04		42,789.20
	230 Sft	b) First Floor	Sft	186.04		42,789.20
	230 Sft	c) Second Floor	Sft	186.04		42,789.20
	230 Sft	d) Third Floor (S.I. No:68(a), Chapter-8 of Schedule of Rates 2012)	Sft	186.04		42,789.20

ATTESTED



(Engineer and Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
12.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete.				
	135 Sft	a) Ground Floor	%Sft	27,678.86		37,366.46
	135 Sft	b) First Floor	%Sft	27,905.79		37,672.82
	135 Sft	c) Second Floor	%Sft	28,132.62		37,979.04
	135 Sft	d) Third Floor	%Sft	28,359.50		38,285.33
		(S.I. No.18 & 24 + 18 chapter 8 of Schedule of Rates 2012)				
13.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.				
	585 Cft	a) Ground Floor	%Cft	28,299.30		165,550.91
	585 Cft	b) First Floor	%Cft	28,299.30		165,550.91
	585 Cft	c) Second Floor	%Cft	28,299.30		165,550.91
	585 Cft	d) Third Floor	%Cft	28,299.30		165,550.91
		(S.I. No.38 chapter 8 of Schedule of Rates 2012)				
14.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels.				
	1,960 Sft	(a) Over Roof Top	%Sft	3,956.14		77,540.34
		(S.I. No.16(c) + 18 chapter 8 of Schedule of Rates 2012)				
15.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	1,878 Sft	(a) Under Floor	Sft	10.70		20,094.60
		(S.I. No.38 chapter 7 of Schedule of Rates 2012)				
16.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	1,960 Sft	(a) Over Roof Top	%Sft	1,887.40		36,993.04
		(S.I. No.13 chapter 7 of Schedule of Rates 2012)				
17.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal).				
	4,135 Sft	a) Ground Floor	%Sft	2,122.72		87,774.47
	4,135 Sft	b) First Floor	%Sft	2,122.72		87,774.47
	4,135 Sft	c) Second Floor	%Sft	2,122.72		87,774.47
	4,135 Sft	d) Third Floor	%Sft	2,122.72		87,774.47
		(S.I. No.13(a) chapter 9 of Schedule of Rates 2012)				
18.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal).				
	4,135 Sft	a) Ground Floor	%Sft	2,197.52		90,867.45
	4,135 Sft	b) First Floor	%Sft	2,197.52		90,867.45
	4,135 Sft	c) Second Floor	%Sft	2,197.52		90,867.45
	4,135 Sft	d) Third Floor	%Sft	2,197.52		90,867.45
	16,540	(S.I. No.11(a) chapter 9 of Schedule of Rates 2012)				


 (Engr. Zahid Ali Kotachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
19.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat External).				
	2,606 Sft	a) Ground Floor	%Sft	2,122.72		55,318.08
	1,560 Sft	b) First Floor	%Sft	2,262.72		35,298.43
	1,560 Sft	c) Second Floor	%Sft	2,402.72		37,482.43
	3,295 Sft	d) Third Floor	%Sft	2,542.72		83,782.62
		(S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)				
20.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External).				
	1,425 Sft	a) Ground Floor	%Sft	2,197.52		31,314.66
	300 Sft	b) First Floor	%Sft	2,337.52		7,012.56
	300 Sft	c) Second Floor	%Sft	2,477.52		7,432.56
	700 Sft	d) Third Floor	%Sft	2,617.52		18,322.64
		(S.I. No.11(a) + 29 chapter 9 of Schedule of Rates 2012)				
21.	6 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6".	Each	358.68		2,152.08
		(S.I. No.18 chapter 7 of Schedule of Rates 2012)				
22.	6 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4"x2"x4"½", 3" cement concrete (1:4:8).	Each	649.83		3,898.98
		(S.I. No.19 chapter 7 of Schedule of Rates 2012)				
23.		Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars).				
	897 Cwt	a) Ground Floor	Cwt	5,001.70		4,486,524.90
	111 Cwt	b) First Floor	Cwt	5,001.70		555,188.70
	111 Cwt	c) Second Floor	Cwt	5,152.95		571,977.45
	128 Cwt	d) Third Floor	Cwt	5,304.20		678,937.60
		(S.I. No.8(b)+29 chapter 4 of Schedule of Rates 2012)				
24.		Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges).				
	1,015 Sft	a) Ground Floor	%Sft	2,116.41		21,481.56
	1,015 Rft	b) First Floor	%Sft	2,116.41		21,481.56
	1,015 Rft	c) Second Floor	%Sft	2,116.41		21,481.56
	1,015 Rft	d) Third Floor	%Sft	2,116.41		21,481.56
		(S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)				
25.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall).				
	4,135 Sft	a) Ground Floor	%Sft	2,237.95		92,539.23
	4,135 Sft	b) First Floor	%Sft	2,237.95		92,539.23
	4,135 Sft	c) Second Floor	%Sft	2,237.95		92,539.23
	4,135 Sft	d) Third Floor	%Sft	2,237.95		92,539.23
		(S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)				


 (Engr. Ghulam Muhammad Mahar) (Kolachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
26.		Distempering (3 coats) (on ceiling):				
	1,570 Sft	a) Ground Floor	%Sft	1,079.65		16,950.51
	1,570 Sft	b) First Floor	%Sft	1,079.65		16,950.51
	1,570 Sft	c) Second Floor	%Sft	1,079.65		16,950.51
	1,570 Sft	d) Third Floor	%Sft	1,079.65		16,950.51
		(S.I. No.24(c) chapter 9 of Schedule of Rates 2012)				
27.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	1,430 Sft	a) Ground Floor	%Sft	2,567.95		36,721.69
	300 Sft	b) First Floor	%Sft	2,796.04		8,388.12
	300 Sft	c) Second Floor	%Sft	3,024.13		9,072.39
	700 Sft	d) Third Floor	%Sft	3,252.22		22,765.54
		(S.I. No.38(A&B) + 42 chapter 9 of Schedule of Rates 2012)				
28.	1,878 Sft	Providing Anti-termite treatment by spraying/ sprinkling/ spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area).	Sft	9.74		18,291.72
		(S.I. No.92 chapter 18 of Schedule of Rates 2012)				
29.		Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 apart equivalent fitted with screws are pins i/c painting 3 coats with 1st coat of red oxide paint etc:				
	335 Sft	a) Ground Floor	Sft	194.16		65,043.60
	335 Sft	b) First Floor	Sft	194.16		65,043.60
	335 Sft	c) Second Floor	Sft	194.16		65,043.60
	335 Sft	d) Third Floor	Sft	194.16		65,043.60
		(S.I.No:30 Chapter-17 of Schedule of Rate of 2012).				
30.		Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges).				
	335 Sft	a) Ground Floor	%Sft	1,270.83		4,257.28
	335 Sft	b) First Floor	%Sft	1,270.83		4,257.28
	335 Sft	c) Second Floor	%Sft	1,270.83		4,257.28
	335 Sft	d) Third Floor	%Sft	1,270.83		4,257.28
		(S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)				



(Engr. Anil K. Kachhi)
Project Engineer
Ghulam Muhammad Mahar
Technical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
31.	2,120 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		84,800.00
32.		Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.				
	330 Sft	a) Ground Floor	%Sft	47,651.56		157,250.15
	330 Sft	b) First Floor	%Sft	47,651.56		157,250.15
	330 Sft	c) Second Floor	%Sft	47,651.56		157,250.15
	330 Sft	d) Third Floor	%Sft	47,651.56		157,250.15
		(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)				
33.		First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1 1/4" thick.				
	320 Sft	a) Ground Floor	Sft	1,273.76		407,603.20
	320 Sft	b) First Floor	Sft	1,273.76		407,603.20
	320 Sft	c) Second Floor	Sft	1,273.76		407,603.20
	320 Sft	d) Third Floor	Sft	1,273.76		407,603.20
		(S.I. No.7(b) chapter 10 of Schedule of Rates 2012)				
34.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete. (a) 1-3/4" thick deodar wood framing including wire gauze with ordinary hinges.				
	60 Sft	a) Ground Floor	Sft	562.98		33,778.80
	60 Sft	b) First Floor	Sft	562.98		33,778.80
	60 Sft	c) Second Floor	Sft	562.98		33,778.80
	60 Sft	d) Third Floor	Sft	562.98		33,778.80
		(S.I.No:14(a) Chapter-10 of Schedule of Rate of 2012).				
35.		Providing and fixing approved quality mortice lock:				
	13 Nos	a) Ground Floor	Each	1,786.13		23,219.69
	13 Nos	b) First Floor	Each	1,786.13		23,219.69
	13 Nos	c) Second Floor	Each	1,786.13		23,219.69
	13 Nos	d) Third Floor	Each	1,786.13		23,219.69
		(S.I.No.21, chapter 10 of Schedule of Rates 2012)				


 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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36. Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2½ inches as directed by Engineer Incharge:

1,500	Rft	a) Ground Floor	Rft	49.97		74,955.00
1,500	Rft	b) First Floor	Rft	49.97		74,955.00
1,500	Rft	c) Second Floor	Rft	49.97		74,955.00
1,500	Rft	d) Third Floor	Rft	49.97		74,955.00

(S.I.No:60 Chapter-10 of Schedule of Rate of 2012).

TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs. 23,956,810.70

ATTESTED



(Engr. Ghulam Muhammad Maher)
Project Engineer
Ghulam Muhammad Maher
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 10 - 14

CIVIL WORKS

BILL OF QUANTITIES

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. Providing and laying Guttca brick facing 2¼"x9"x2¼" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).

1,185 Sft	a) Ground Floor	Sft
1,275 Sft	b) First Floor	Sft
1,275 Sft	c) Second Floor	Sft
1,944 Sft	d) Third Floor	Sft

02. Providing, making and fixing build in wardrobe cabinet of 2 feet deep with ¾ inch thick chipboard of both sided commercial ply veneered horizontal and vertical shelve and walling 1" thick shutter of ¾" chipboard of one sided commercial ply veneered and the other side finished with ¼" thick teak ply all chipboard edging with 1" x ¾" deodar wood lipping as shown in drawings, all fittings as per schedule of hardware including 3 coat of enamel painting to inner surfaces of the cabinet and wax polishing to the outer surfaces of shutters etc. complete as per drawings and specifications and as per directed by Engineer Incharge.

85 Sft	a) Ground Floor	Sft
85 Sft	b) First Floor	Sft
85 Sft	c) Second Floor	Sft
85 Sft	d) Third Floor	Sft

03. Providing and fixing balustrade of Mild steel ¾" square bars fixed with 1" x ¼" mild steel flat to 6" x 3" sheesham wood hand rail moulded to required details as per drawing and specifications including polishing the hand rail and painting the mild steel square bars with 2 coats of enamelled paint over a priming coat of anticorrosive (red oxide) of approved manufacture's (3'-0" high for balcony and for open area) for all floor.

ATTESTED



(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
	115 Rft	a) First Floor	Rft			
	115 Rft	b) Second Floor	Rft			
	115 Rft	c) Third Floor	Rft			
04.	225 Sft	Providing and applying 3/4" thick internal cement plaster ratio 1:4 with Pudlo @ 5 lbs per bag of cement etc. complete. (for Overhead Tanks).	Sft			
05.		Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	270 Rft	a) 110 mm dia (4" dia for Rain water).	Rft			
06.		Providing and making 2 feet deep kitchen cabinet consisting of 1" thick white marble topping over RCC slab, deodar wood frame 1" x 2" size, deodar wood vertical frame of 2" x 1" size, 1" x 2 1/2" hard wood stopper, 1" x 1" hard wood framing to retain drawer, backing and bottom of drawer with 1/4" thick commercial ply with deodar wood frame 2" x 3/4" hard wood framing with 3/4" thick commercial ply veneered chipboard in bottom, and drawer of 1/2" thick deodar wood plank with formica on front face, shutters of 1/2" thick chip board with formica on front with deodar wood internal partition, aluminium angle of 1/2" x 1/2" section on teh shutters, fitting as per schedule of hardware, enamel painting where required complete including termite control and all wood preservative applications all as per drawing and specifications (front face of the cabinet shall be measured for payment).				
	85 Sft	a) Ground Floor	Sft			
	85 Sft	b) First Floor	Sft			
	85 Sft	c) Second Floor	Sft			
	85 Sft	d) Third Floor	Sft			

ATTESTED



(Engr. Ghulam Muhammad Mahar)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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07. Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).

285	Sft	a) Ground Floor	Sft			
285	Sft	b) First Floor	Sft			
285	Sft	c) Second Floor	Sft			
285	Sft	d) Third Floor	Sft			

08. Providing and making hanging cabinet 12" deep and 1'-6" high with 3/4" thick chip-board fixed to hard wood frame of 1 1/4" x 1-1/4" size on top and bottom with 1/4" thick hard board on backing, one shelf of 1/2" thick chip board with 1/2" x 1/2" hardwood frame, 1/2" x 1/2" size wooden beading in the bottom of 1/2" thick chipboard shutters with formica on front face, fitting as per schedule of hardware, painting with enamel paint including termite control and all wood preservative applications complete all as per drawing and specification (front face of the cabinet shall be measured for payments).

45	Sft	a) Ground Floor	Sft			
45	Sft	b) First Floor	Sft			
45	Sft	c) Second Floor	Sft			
45	Sft	d) Third Floor	Sft			

09. 2 Nos Providing and fixing manhole cover with frame 2'x2' including cutting, chiseling, finishing and curing all labour and materials etc. complete. Each

10. 2,730 Rft Drilling and boring in sub soil of required diameter in any kind of soil to required depth complete for piles of 22 inch diameter 65'-0" depth. Rft

ATTESTED



(Engr. Zahid Az Kolachi)
Project Engineer
Ghulam Muhammad Maher
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS): Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 10 - 14

PLUMBING WORKS

BILL OF QUANTITIES

S#	Quantity	Description	Unit -	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft. above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2(c) & (d) Chapter-10 of Schedule of Rate of 2012)				
	165 Rft	a) RCC Pipe 9"dia	Rft	250.60		41,349.00
	100 Rft	a) RCC Pipe 12"dia	Rft	401.97		40,197.00
	100 Rft	b) RCC Pipe 15"dia	Rft	510.11		51,011.00
02.	8 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		9,545.36
03.	16 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		8,155.84
04.	16 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chrome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		17,142.40
05.	16 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) P-46 Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		235,968.00

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
13.	8 Nos	Supplying and fixing sink mixture cock of superior quality with C.P head etc. complete. (S.I. No.17 P-19 Chapter-6 of Schedule of Rate of 2012)	Each	2,745.60		21,964.80
14.	8 Nos	Supplying and fixing CP muslim shower with double bib cock and ring pipe etc. complete. (S.I. No.19-a Page-19 Chapter-6 of Schedule of Rate of 2012)	Each	3,432.00		27,456.00
15.	16 Nos	Providing and fixing 24"x18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern). (S.I. No.3-a Page-7 Chapter-2 of Schedule of Rate of 2012)	Each	1,711.60		27,385.60
16.	16 Nos	Supplying and fixing bathroom accessories set (7 piece) including towel rod, brush holder soaptray shelf of appoved design including cost of screws, nuts etc. complete. (Master Brand). (S.I. No.23 Page-19 Chapter-6 of Schedule of Rate of 2012)	Each	10,322.40		165,158.40
17.	10 Nos	Supplying and fixing 3/4" dia handle valve (China). (S.I. No.4(b)(ii),(iii)&(v) Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	227.92		2,279.20
18.	44 Nos	Supplying and fixing 1" dia handle valve (China). (S.I. No.5(iii) Page-17 of Schedule of Rate of 2012)	Each	365.42		16,078.48
19.	10 Nos	Supplying and fixing 1½" dia handle valve (China). (S.I. No.5(v) Page-17 of Schedule of Rate of 2012)	Each	970.92		9,709.20
20.	2 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4½" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qt) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20 of Schedule of Rate of 2012)	Each	4,905.67		9,811.34
21.	8 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (i) with 4 " dia C.I. trap. (S.I. No.3(a) Page-2 of Schedule of Rate of 2012)	Each	5,836.60		46,692.80

ATTESTED



(Engr. Zafar Iqbal Kolaehi)
Project Engineer
Ghulam Muhammad Maher
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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22. Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). (Internal):

100 Rft	a) 1/2 inch (17mm) dia pipe.	Rft	64.88		6,488.00
370 Rft	b) 3/4 inch (20mm) dia pipe.	Rft	86.36		31,953.20

(S.I. No:1(i)&(ii) P-14 Chapter-5 of Schedule of Rate of 2012)

TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs.

1,008,510.90

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 10 - 14

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

150 Rft	a) 20 mm dia (3/4" dia)	Rft
100 Rft	b) 40 mm (1-1/2" dia)	Rft
100 Rft	c) 17 mm dia (1/2" dia)	Rft
100 Rft	d) 25 mm (1" dia)	Rft
650 Rft	e) 50 mm (2" dia)	Rft

02. Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowls, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:

500 Rft	a) 75 mm dia (3" dia:)	Rft
480 Rft	b) 110 mm dia (4" dia:)	Rft

03. 8 Nos Providing and installing "Nesgas" or equivalent approved water heater / geyser of 30 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete. Each

ATTESTED



(Engr. D. S. K. Khatami)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 10 - 14

ELECTRICAL WORKS

BILL OF QUANTITIES

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	185 Point	Wiring for light / fan / exhaust fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		209,050.00
2.	80 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.126-p15)	Point	985.00		78,800.00
3.	8 Point	Wiring for call bell point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.128-p15)	Point	1764.00		14,112.00
4.	137 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		9,864.00
5.	32 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 235-p34)	Point	3185.00		101,920.00
6.	127 Mtrs	Providing & laying (SUB MAIN) PVC insulated with size 3-7/.044(6mm ²) copper conductor in 1½ dia . PVC conduit ressed in wall slap or column as required. (Schedule Item No. 26 -p4)	Per Mtr.	468.00		59,436.00
7.	44 Mtrs	Providing & laying main Feeder PVC insulated/PVC sheathed with 4 core armoured copper conductor 600/1000 volt size 25mm ² . (Schedule Item No. 114 -p13)	Per Mtr.	2435.00		107,140.00

ATTESTED

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS): Rs. 580,322.00



(Engr. Zahid Ali Kalachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 10 - 14

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

01.		Provide, wire and connect 2x2.5 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
101.	17	Nos Circuit for light/fan point	Each			
02.		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:				
201.	7	Nos Single gang switch plate.	Each			
202.	33	Nos Double gang switch plate.	Each			
203.	16	Nos Three gang switch plate:	Each			
204.	8	Nos Four gang switch plate.	Each			
206.	32	Nos Solid state fan dimmer with "ON-OFF" control.	Each			
207.	80	Nos 5 Amps 2/3 pin switched socket outlet plate.	Each			
208.	8	Nos Bell push button.	Each			
208.	8	Nos Buzzer	Each			
03.		Provide, install, connect and commission Exhaust fan, complete in all respects.				
301.	16	Nos 9" dia exhaust fan	Each			

ATTESTED



(Engr. Zaid Ali (Khalachi))
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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B. **SEC: B: SWITCH GEAR:**

01. Provide, install, connect and commission Main Emergency panel, cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under:

Incoming:

1-80 Amp, TP, 10 KA, MCCB,
3-phase indicating lamps:
1-set of Bus bars

Outgoing:

1 Job 12-20 Amps SP, 7.5 KA, MCBs: Each
1-10 Amps SP, 7.5 KA, MCBs:

02. Provide, install, connect and commission FLAT-DB 1.5mm thick steel sheet fabricated, flush type totally enclosed with hinged front cover suitable for 3 phase, 4 wire, 50 Hz A/C system and equipped as

Incoming:

1-20 Amp, SP, 7.5 KA, MCBs:
1 - Phase indication lamps:

Outgoing:

8 Job 2-10 Amps SP, 7.5 KA, MCBs: Each
2-15 Amps SP, 7.5 KA, MCBs:

C. **SEC: C: EARTHING:**

01. 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, burried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications.

Each (Engr. Zulfajj Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

02. 8 Mtrs Provide, lay and connect 2x8 SWG copper conductors in 25mm dia G.I. Pipe from earth plate to panel. Mtrs

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS): Rs. _____



**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR.**

Package – 3

- i) Residential Flats for Grade 5-9
- ii) Residential Flats for Grade 1-4

Tender Documents

Part – I

***Invitation for Bids
Instruction to Bidders
Bidding Data
Form of Bid and Appendices to Bid
Bill of Quantities
Bid Security Form
Form of Performance Security
Form of Contract Agreement
Mobilization Advance Guarantee/Bond
Indenture Bond for Secured***

Consultants:



ZAHEERUDDIN CONSULTANTS (PVT.) LTD.

■ Architects ■ Planners ■ Engineers ■ Construction Managers
5-A, Sindhi Muslim Society, Karachi – 74400 (Pakistan)
Tel:# 3455 0321 (4 Lines) Fax: (92-21) 3455 5251 E-mail:zckhi@gmail.com
Email: info@zaheeruddinconsultants.org www.zaheeruddinconsultants.org



Appendix-A to Bid

SPECIAL STIPULATIONS

Clause

Conditions of Contract

1.	Engineer representing Consulting Firm hired by the procuring agency to issue variation in case of emergency, in foreign funded projects.	2.1	<i>Not Applicable</i>
2.	Amount of Performance Security	10.1	10% of Contract Price.
3.	Time for Furnishing Programme	14.1	Within 28 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Insurance	23.2	Rs. 500,000/- per occurrence with number of occurrences unlimited.
5.	Time for Commencement	41.1	Within 14 days from the date of receipt of Engineer's Notice to Commence, this shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion	43.1 48.2	548 days from the date of receipt of Engineer's Notice to Commence
7.	a) Amount of Liquidated Damages	+47.1	Rs. 100,000.00 for each day of delay in completion of the works subject to a maximum of 10% of contract price stated in the Letter of Acceptance.
	b) Amount of Bonus (it is discretion of procuring agency to pay bonus, only in cases where time is of critical value).	47.3	<i>Not Applicable</i>
8.	Defects Liability Period	49.1	548 days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	60.2	10 % of the amount of Interim/Running Payment Certificate (Total value 5% of the Bid amount).
10.	Limit of Retention Money	60.2	5% of Contract Price stated in the Letter of Acceptance.
11.	Minimum amount of Interim/Running Payment Certificates	60.2	Rs. 5.0 million
12.	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	60.10	30 days
13.	Mobilization Advance (Interest Free in case of foreign funded projects only)	60.12	10% of Contract Price stated in the Letter of Acceptance, against Bank Guarantee.

As explained in the Special Conditions Part-II of Contract.

ATTESTED



(Engr. Zahid Ali Kolachi)

Engr. Zahid Ali Kolachi
General Manager
Ghulam Muhammad Mahar Medical College
Sukkur

(Engr. Zahid Ali Kolachi)

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bids, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the works.
6. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 58.2 of Part I, General Conditions of Contract.

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

BD-2
Appendix-D to Bid

BILL OF QUANTITIES

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR**

GRAND SUMMARY

PACKAGE - 3

01.	Grade 5 - 9	Rs. _____
02.	Grade 1 - 4	Rs. _____
GRAND TOTAL OF PACKAGE-3 =		Rs. _____

(Rupees in Words)

ATTESTED



GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 5 - 9

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 24,677,121.48	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 1,004,612.48	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 902,467.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		

ATTESTED

Total Rs. _____

1 Block = Rs. _____ X 3 Rs. _____



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 5 - 9

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.	13252 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%0Cft	3,176.25		42,091.67
02.	1,657 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		156,027.76
03.	7,978 Cft	Random, rubble masonry (uncoursed). (S.I. No.1(a) chapter 6 of Schedule of Rates 2012)	%Cft	13,051.50		1,041,248.67
04.	3,191 Sft	Sand grouting in stone apron with high pressure house. (S.I. No.13 chapter 6 of Schedule of Rates 2012)	%Sft	1,772.38		56,556.65
05.	2,967 Cft	Borrow pit excavated earth. (lead upto 8 miles). (S.I. No.3(a) chapter 1 of Schedule of Rates 2012)	%0Cft	2,117.50		6,282.62
06.	2,967 Cft	Extra 8 miles lead. (S.I. No.1 chapter 1 of Schedule of Rates 2012)	%Cft	837.00		24,833.79
07.	2,967 Cft	Dressing and levelling. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	187.55		5,564.61
08.	1,700	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. (S.I. No.21 chapter 1 of Schedule of Rates 2012)	%0Cft	1,512.50		2,571.25
09.		Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering):				
	(i)	(i) Ratio 1:3:6:				
	1,450 Cft	a) Ground Floor	%Cft	12,595.00		182,627.50
	20 Cft	b) First Floor	%Cft	13,805.00		2,761.00
	20 Cft	c) Second Floor	%Cft	15,015.00		3,003.00
	20 Cft	d) Third Floor	%Cft	16,225.00		3,245.00
	(ii)	(ii) Ratio 1:4:8:				
	988 Cft	a) Ground Floor (S.I. No.5(h) and 5(i) & 12(a) & (b) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		111,532.85

ATTESTED

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
10.		Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical).				
	3,867 Sft	a) Ground Floor	%Sft	3,127.41		120,936.94
	11 Sft	b) First Floor	%Sft	3,127.41		344.02
	11 Sft	c) Second Floor	%Sft	3,292.57		362.18
	11 Sft	d) Third Floor	%Sft	3,533.97		388.74
		(S.I. No.19(b)(ii) chapter 4 of Schedule of Rates 2012)				
11.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural mangers laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	7,419 Cft	a) Ground Floor	Cft	337.00		2,500,203.00
	3,430 Cft	b) First Floor	Cft	337.00		1,155,910.00
	3,430 Cft	d) Second Floor	Cft	349.10		1,197,413.00
	3,796 Cft	e) Third Floor	Cft	361.20		1,371,115.20
		(S.I. No.6(a)(i) & (d) chapter 4 of Schedule of Rates 2012)				
12.	415 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		16,238.33
13.	3,868 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		106,795.09
14.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints: -				
	2,015 Cft	a) Ground Floor	%Cft	12,674.36		255,388.35
	2,015 Cft	b) First Floor	%Cft	13,112.99		264,226.75
	2,015 Cft	c) Second Floor	%Cft	13,687.74		275,807.96
	2,605 Cft	d) Third Floor	%Cft	14,262.49		371,537.86
		(S.I. No.5(i)(e)+6 chapter 5 Page-21 & 22 of Schedule of Rates 2012).				
15.	2,967 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		33,860.89
16.	988 Cft	Dry rammed brick or stone ballast 1½" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		32,875.70

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Chulam Muhammad Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
17.		Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints:				
	2,230 Sft	a) Ground Floor	Sft	567.48		1,265,480.40
	2,230 Sft	b) First Floor	Sft	569.74		1,270,520.20
	2,230 Sft	c) Second Floor	Sft	572.00		1,275,560.00
	2,230 Sft	d) Third Floor	Sft	574.26		1,280,599.80
		(S.I. No.28(a) chapter 8 P-43 of Schedule of Rates 2012)				
18.		Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, current finishing, cleaning and polishing etc. complete.				
	232 Sft	a) Ground Floor	Sft	186.04		43,161.28
	232 Sft	b) First Floor	Sft	186.04		43,161.28
	232 Sft	c) Second Floor	Sft	186.04		43,161.28
	232 Sft	d) Third Floor	Sft	186.04		43,161.28
		(S.I. No:68(a), Chapter-8 of Schedule of Rates 2012)				
19.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete.				
	160 Sft	a) Ground Floor	%Sft	27,678.86		44,286.18
	160 Sft	b) First Floor	%Sft	27,905.79		44,649.26
	160 Sft	c) Second Floor	%Sft	28,132.62		45,012.19
	160 Sft	d) Third Floor	%Sft	28,359.50		45,375.20
		(S.I. No.18 & 24 chapter 8 of Schedule of Rates 2012)				
20.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.				
	660 Cft	a) Ground Floor	%Cft	28,299.30		186,775.38
	660 Cft	b) First Floor	%Cft	28,299.30		186,775.38
	660 Cft	c) Second Floor	%Cft	28,299.30		186,775.38
	660 Cft	d) Third Floor	%Cft	28,299.30		186,775.38
		(S.I. No.38 chapter 8 of Schedule of Rates 2012)				
21.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels.				
	2,288 Sft	(a) Over Roof Top	%Sft	3,956.14		90,516.48
		(S.I. No.16(c) & 18 chapter 8 of Schedule of Rates 2012)				
22.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	1,873 Sft	(a) Under Floor	Sft	10.70		20,041.10
		(S.I. No.38 chapter 7 of Schedule of Rates 2012)				
23.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	2,288 Sft	(a) Over Roof Top	%Sft	1,887.40		43,183.71
		(S.I. No.13 chapter 7 of Schedule of Rates 2012)				

ATTESTED

Zahid Ali Kolachi

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
24.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal).				
	4,760 Sft	a) Ground Floor	%Sft	2,122.72		101,041.47
	4,760 Sft	b) First Floor	%Sft	2,122.72		101,041.47
	4,760 Sft	c) Second Floor	%Sft	2,122.72		101,041.47
	4,760 Sft	d) Third Floor	%Sft	2,122.72		101,041.47
		(S.I. No.13(a) chapter 9 of Schedule of Rates 2012)				
25.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal).				
	4,760 Sft	a) Ground Floor	%Sft	2,197.52		104,601.95
	4,760 Sft	b) First Floor	%Sft	2,197.52		104,601.95
	4,760 Sft	c) Second Floor	%Sft	2,197.52		104,601.95
	4,760 Sft	d) Third Floor	%Sft	2,197.52		104,601.95
		(S.I. No.11(a) chapter 9 of Schedule of Rates 2012)				
26.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat External).				
	3,146 Sft	a) Ground Floor	%Sft	2,122.72		66,780.77
	2,340 Sft	b) First Floor	%Sft	2,262.72		52,947.65
	2,340 Sft	c) Second Floor	%Sft	2,402.72		56,223.65
	4,435 Sft	d) Third Floor	%Sft	2,542.72		112,769.63
		(S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)				
27.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External).				
	420 Sft	a) Ground Floor	%Sft	2,197.52		9,229.58
	100 Sft	b) First Floor	%Sft	2,337.52		2,337.52
	100 Sft	c) Second Floor	%Sft	2,477.52		2,477.52
	1,415 Sft	d) Third Floor	%Sft	2,617.52		37,037.91
		(S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)				
28.	6 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6".	Each	358.68		2,152.08
		(S.I. No.18 chapter 7 of Schedule of Rates 2012)				
29.	6 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4 1/2", 3" cement concrete (1:4:8).	Each	649.83		3,898.98
		(S.I. No.19 chapter 7 of Schedule of Rates 2012)				
30.		Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars).				
	308 Cwt	a) Ground Floor	Cwt	5,001.70		1,540,523.60
	129 Cwt	b) First Floor	Cwt	5,152.95		664,730.55
	129 Cwt	c) Second Floor	Cwt	5,304.20		684,241.80
	148 Cwt	d) Third Floor	Cwt	5,455.45		807,406.60
		(S.I. No.8(b)+29 chapter 4 of Schedule of Rates 2012)				
31.		Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges).				
	1,436 Sft	a) Ground Floor	%Sft	2,116.41		30,391.65
	1,436 Rft	b) First Floor	%Sft	2,116.41		30,391.65
	1,436 Rft	c) Second Floor	%Sft	2,116.41		30,391.65
	1,436 Rft	d) Third Floor	%Sft	2,116.41		30,391.65
		(S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)				


 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
32.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall).				
	4,760 Sft	a) Ground Floor	%Sft	2,237.95		106,526.42
	4,760 Sft	b) First Floor	%Sft	2,237.95		106,526.42
	4,760 Sft	c) Second Floor	%Sft	2,237.95		106,526.42
	4,760 Sft	d) Third Floor	%Sft	2,237.95		106,526.42
		(S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)				
33.		Distempering (3 coats) (on ceiling):				
	1,977 Sft	a) Ground Floor	%Sft	1,079.65		21,344.68
	1,977 Sft	b) First Floor	%Sft	1,079.65		21,344.68
	1,977 Sft	c) Second Floor	%Sft	1,079.65		21,344.68
	1,977 Sft	d) Third Floor	%Sft	1,079.65		21,344.68
		(S.I. No.24(c) chapter 9 of Schedule of Rates 2012)				
34.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	419 Sft	a) Ground Floor	%Sft	2,567.95		10,759.71
	100 Sft	b) First Floor	%Sft	2,796.04		2,796.04
	100 Sft	c) Second Floor	%Sft	3,024.13		3,024.13
	1,415 Sft	d) Third Floor	%Sft	3,252.22		46,018.91
		(S.I. No.38(A&B) + 42 chapter 9 of Schedule of Rates 2012)				
35.	2,288 Sft	Providing Anti-termite treatment by spraying/ sprinkling/ spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area).	Sft	9.74		22,285.12
		(S.I. No.92 chapter 18 of Schedule of Rates 2012)				
36.		Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats with 1st coat of red oxide paint etc:				
	330 Sft	a) Ground Floor	Sft	194.16		64,072.80
	330 Sft	b) First Floor	Sft	194.16		64,072.80
	330 Sft	c) Second Floor	Sft	194.16		64,072.80
	330 Sft	d) Third Floor	Sft	194.16		64,072.80
		(S.I.No:30 Chapter-17 of Schedule of Rate of 2012).				

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 (Engr. Zaid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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37.		Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges).				
	330 Sft	a) Ground Floor	%Sft	1,270.83		4,193.74
	330 Sft	b) First Floor	%Sft	1,270.83		4,193.74
	330 Sft	c) Second Floor	%Sft	1,270.83		4,193.74
	330 Sft	d) Third Floor	%Sft	1,270.83		4,193.74
		(S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)				

38.	2,815 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		112,600.00
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39.		Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.				
	256 Sft	a) Ground Floor	%Sft	47,651.56		121,987.99
	256 Sft	b) First Floor	%Sft	47,651.56		121,987.99
	256 Sft	c) Second Floor	%Sft	47,651.56		121,987.99
	256 Sft	d) Third Floor	%Sft	47,651.56		121,987.99
		(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)				

40.		First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1 3/4" thick.				
	374 Sft	a) Ground Floor	Sft	1,273.76		476,386.24
	374 Sft	b) First Floor	Sft	1,273.76		476,386.24
	374 Sft	c) Second Floor	Sft	1,273.76		476,386.24
	374 Sft	d) Third Floor	Sft	1,273.76		476,386.24
		(S.I. No.7(b) chapter 10 of Schedule of Rates 2012)				

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41.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete. 1 1/2" thick deodar wood framing including wire gauze with ordinary hinges.				
	112 Sft	a) Ground Floor	Sft	562.98		63,053.76
	112 Sft	b) First Floor	Sft	562.98		63,053.76
	112 Sft	c) Second Floor	Sft	562.98		63,053.76
	112 Sft	d) Third Floor	Sft	562.98		63,053.76
		(S.I.No:14(b) Chapter-10 of Schedule of Rate of 2012).				

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sialkot

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
42.		Providing and fixing approved quality mortice lock:				
	16 Nos	a) Ground Floor	Each	1,786.13		28,578.08
	16 Nos	b) First Floor	Each	1,786.13		28,578.08
	16 Nos	c) Second Floor	Each	1,786.13		28,578.08
	16 Nos	d) Third Floor	Each	1,786.13		28,578.08
		(S.I.No.21, chapter 10 of Schedule of Rates 2012)				
43.		Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2½ inches as directed by Engineer Incharge:				
	1,308 Rft	a) Ground Floor	Rft	49.97		65,360.76
	1,308 Rft	b) First Floor	Rft	49.97		65,360.76
	1,308 Rft	c) Second Floor	Rft	49.97		65,360.76
	1,308 Rft	d) Third Floor	Rft	49.97		65,360.76
		(S.I.No:60(b) Chapter-10 of Schedule of Rate of 2012).				

TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs. 24,677,121.48

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(Engr. Zahid Ali Kolachi)
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Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 5 - 9

CIVIL WORKS

BILL OF QUANTITIES

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. Providing and laying Gutta brick facing 2¼"x9"x2¼" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).
- | | | |
|-----------|-----------------|-----|
| 2,340 Sft | a) Ground Floor | Sft |
| 2,340 Sft | b) First Floor | Sft |
| 2,340 Sft | c) Second Floor | Sft |
| 3,125 Sft | d) Third Floor | Sft |
02. Providing, making and fixing build in wardrobe cabinet of 2 feet deep with ¾ inch thick chipboard of both sided commercial ply veneered horizontal and vertical shelves and walling 1" thick shutter of ¾" chipboard of one sided commercial ply veneered and the other side finished with ¼" thick teak ply all chipboard edging with 1" x ¾" deodar wood lipping as shown in drawings, all fittings as per schedule of hardware including 3 coat of enamel painting to inner surfaces of the cabinet and wax polishing to the outer surfaces of shutters etc. complete as per drawings and specifications and as per directed by Engineer Incharge.
- | | | |
|--------|-----------------|-----|
| 85 Sft | a) Ground Floor | Sft |
| 85 Sft | b) First Floor | Sft |
| 85 Sft | c) Second Floor | Sft |
| 85 Sft | d) Third Floor | Sft |
03. Providing and fixing balustrade of Mild steel ¾" square bars fixed with 1" x ¼" mild steel flat to 6" x 3" sheesham wood hand rail moulded to required details as per drawing and specifications including polishing the hand rail and painting the mild steel square bars with 2 coats of enamelled paint over a priming coat of anticorrosive (red oxide) of approved manufacture's (3'-0" high for balcony and for open area) for all floor.
- | | | |
|--------|-----------------|-----|
| 90 Rft | a) First Floor | Rft |
| 90 Rft | b) Second Floor | Rft |
| 90 Rft | c) Third Floor | Rft |

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(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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04. 310 Sft Providing and applying 3/4" thick internal cement plaster ratio 1:4 with Pudlo @ 5 lbs per bag of cement etc. complete. (for Overhead Tanks). Sft

05. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

330 Rft a) 110 mm dia (4" dia for Rain water). Rft

06. Providing and making 2 feet deep kitchen cabinet consisting of 1" thick white marble topping over RCC slab, deodar wood frame 1" x 2" size, deodar wood vertical frame of 2" x 1" size, 1" x 2 1/2" hard wood stopper, 1" x 1" hard wood framing to retain drawer, backing and bottom of drawer with 1/4" thick commercial ply with deodar wood frame 2" x 3/4" hard wood framing with 3/4" thick commercial ply veneered chipboard in bottom, and drawer of 1/2" thick deodar wood plank with formica on front face, shutters of 1/2" thick chip board with formica on front with deodar wood internal partition, aluminium angle of 1/2" x 1/2" section on teh shutters, fitting as per schedule of hardware, enamel painting where required complete including termite control and all wood preservative applications all as per drawing and specifications (front face of the cabinet shall be measured for payment).

96 Sft a) Ground Floor Sft
96 Sft b) First Floor Sft
96 Sft c) Second Floor Sft
96 Sft d) Third Floor Sft

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(Engr. Zahid Ali Kolachi)
Project Engineer
Ghuilan Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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07. Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).

262	Sft	a) Ground Floor	Sft			
301	Sft	b) First Floor	Sft			
301	Sft	c) Second Floor	Sft			
301	Sft	d) Third Floor	Sft			

08. Providing and making hanging cabinet 12" deep and 1'-6" high with 3/4" thick chip-board fixed to hard wood frame of 1 1/4" x 1 1/4" size on top and bottom with 1/4" thick hard board on backing, one shelf of 1/2" thick chip board with 1/2" x 1/2" hardwood frame, 1/2" x 1/2" size wooden beading in the bottom of 1/2" thick chipboard shutters with formica on front face, fitting as per schedule of hardware, painting with enamel paint including termite control and all wood preservative applications complete all as per drawing and specification (front face of the cabinet shall be measured for payments).

64	Sft	a) Ground Floor	Sft			
64	Sft	b) First Floor	Sft			
64	Sft	c) Second Floor	Sft			
64	Sft	d) Third Floor	Sft			

09. 2 Nos Providing and fixing manhole cover with frame 2'x2' including cutting, chiseling, finishing and curing all labour and materials etc. complete. Each

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TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) : Rs. _____



(Engr. Zahid Ali Kolachi)
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Medical College, Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 5 - 9

PLUMBING WORKS

BILL OF QUANTITIES

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft. above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2(c) & (d) Chapter-10 of Schedule of Rate of 2012)				
	160 Rft	a) RCC Pipe 9"dia	Rft	250.60		40,096.00
	100 Rft	a) RCC Pipe 12"dia	Rft	401.97		40,197.00
	100 Rft	b) RCC Pipe 15"dia	Rft	510.11		51,011.00
02.	6 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		7,159.02
03.	16 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		8,155.84
04.	16 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chrome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		17,142.40
05.	16 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) P-46 Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		235,968.00

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(Ghulam Muhammad Mahar)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.	8 Nos	Providing and fixing steel sinks stainless local (40"x 20") make complete with cast iron or wrought iron brackets 6 inches built in wall, 1½" C.P. rubber plug chrome plated brass chain, 1½" C.P. brass waste, with 1½" P.V.C. waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. (S.I. No:19(a) P-6 Chapter-1 of Schedule of Rate of 2012)	Each	5,052.30		40,418.40
07.	16 Nos	Supply and fixing concealed jet shower with rod of superior quality single C.P. head 1/2" dia. (S.I. No:15 Chapter-6 of Schedule of Rate of 2012)	Each	1,142.24		18,275.84
08.	8 Nos	Providing and fixing European type white glazed earthen ware wash down WC pan complete with and including cost of white/black plastic seat (best quality) and lid with CP brass hinges and buffers, 3 gallons plastic flushing cistern with fitting and clamps 3/4" dia and cutting and making requisite number of holes in wall plinth and floor for pipe connections and making good in cement concrete 1:2:4. (S.I. No.4 Page-2 Chapter-1 of Schedule of Rate of 2012)	Each	5,339.40		42,715.20
09.	16 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug and chrome plate brass chain 1½" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I.No.8+9 Page-3 Chapter-1 of Schedule of Rate of 2012)	Each	5,192.17		83,074.72
10.	16 Nos	Providing and fixing in position nylon connection complete with 1/2" dia brass stop cock, with pair of brass nuts and lining joints to nylon connection. (S.I. No.23 Page-6 Chapter-1 of Schedule of Rate of 2012)	Each	447.15		7,154.40
11.	16 Nos	Supplying and fixing in position 1/2" dia CP bib cock, standard pattern. (S.I. No.2(i)(b) Page-16 Chapter-6 of Schedule of Rate of 2012)	Each	150.92		2,414.72
12.	16 Nos	Supplying and fixing wash basin mixture of superior quality with C.P head 1/2" dia. (S.I. No.14(a) Page-19, Chapter-6 of Schedule of Rate of 2012)	Each	2,882.00		46,112.00

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 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College Sukkur
 Page-2

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
13.	8 Nos	Supplying and fixing sink mixture cock of superior quality with C.P head etc. complete. (S.I. No.17 P-19 Chapter-6 of Schedule of Rate of 2012)	Each	2,745.60		21,964.80
14.	8 Nos	Supplying and fixing CP muslim shower with double bib cock and ring pipe etc. complete. (S.I. No.19-a Page-19 Chapter-6 of Schedule of Rate of 2012)	Each	3,432.00		27,456.00
15.	16 Nos	Providing and fixing 24"x18" bevelled edge mirror of <i>belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern).</i> (S.I. No.3-a Page-7 Chapter-2 of Schedule of Rate of 2012)	Each	1,711.60		27,385.60
16.	16 Nos	Supplying and fixing bathroom accessories set (7 piece) including towel rod, brush holder soaptray shelf of approved design including cost of screws, nuts etc. complete. (Master Brand). (S.I. No.23 Page-19 Chapter-6 of Schedule of Rate of 2012)	Each	10,322.40		165,158.40
17.	10 Nos	Supplying and fixing 3/4" dia handle valve (China). (S.I. No.4(b)(ii),(iii)&(v) Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	227.92		2,279.20
18.	44 Nos	Supplying and fixing 1" dia handle valve (China). (S.I. No.5(iii) Page-17)	Each	365.42		16,078.48
19.	10 Nos	Supplying and fixing 1½" dia handle valve (China). (S.I. No.5(v) Page-17)	Each	970.92		9,709.20
20.	2 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4½" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qr) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20)	Each	4,905.67		9,811.34
21.	8 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (i) with 4 " dia C.I. trap. (S.I. No.3(a) Page-2)	Each	5,836.60		46,692.80

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(Engr. Saad Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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22.

Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). (Internal):

100 Rft	a) 1/2 inch (17mm) dia pipe.	Rft	64.88		6,488.00
367 Rft	b) 3/4 inch (20mm) dia pipe.	Rft	86.36		31,694.12

(S.I. No:1(i)&(ii) P-14 Chapter-5 of Schedule of Rate of 2012)

TOTAL SCHEDULE ITEMS (PLUMBING WORKS): Rs. 1,004,612.48

ATTESTED



(Engr. Ghulam Muhammad Mahar) (Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 5 - 9

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.
- 150 Rft a) 20 mm dia (3/4" dia) Rft
100 Rft b) 40 mm (1-1/2" dia) Rft
100 Rft c) 17 mm dia (1/2" dia) Rft
100 Rft d) 25 mm (1" dia) Rft
650 Rft e) 50 mm (2" dia) Rft
02. Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowls, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:
- 500 Rft a) 75 mm dia (3" dia) Rft
480 Rft b) 110 mm dia (4" dia) Rft
03. 8 Nos Providing and installing "Nesgas" or equivalent approved water heater / geyser of 30 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete. Each

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 5 - 9

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	239 Point	Wiring for light / fan / exhaust fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		270,070.00
2.	128 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.126-p15)	Point	985.00		126,080.00
3.	16 Point	Wiring for call-bell point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.128-p15)	Point	1764.00		28,224.00
4.	159 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		11,448.00
5.	48 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 231-p33)	Point	3185.00		152,880.00
6.	190 Mtrs	Providing & laying (SUB MAIN) PVC insulated with size 3-7/.044(6mm ²) copper conductor in 1" dia . PVC conduit ressed in wall slap or column as required. (Schedule Item No. 26 -p4)	Per Mtr.	113.50		21,565.00
7.	120 Mtrs	Providing & laying main Feeder PVC insulated/PVC sheathed with 4 core armoured copper conductor 600/1000 volt size 25mm ² . (Schedule Item No. 114 -p13)	Per Mtr.	2435.00		292,200.00

ATTESTED

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 902,467.00


(Engr. Zaid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 5 - 9

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

01.		Provide, wire and connect 2x2.5 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
101.	17	Nos Circuit for light/fan point	Each			
02.		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:				
201.	17	Nos Single gang switch plate.	Each			
202.	72	Nos Double gang switch plate.	Each			
203.	1	Nos Three gang switch plate:	Each			
204.	16	Nos Four gang switch plate.	Each			
206.	48	Nos Solid state fan dimmer with "ON-OFF" control.	Each			
207.	128	Nos 5 Amps 2/3 pin switched socket outlet plate.	Each			
208.	16	Nos Bell push button.	Each			
208.	16	Nos Buzzer	Each			
03.		Provide, install, connect and commission Exhaust fan, complete in all respects.				
301.	32	Nos 9" dia exhaust fan	Each			

B. SEC: B: SWITCH GEAR:

01.		Provide, install, connect and commission Main Emergency panel, cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under:				
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ATTESTED



(Engr. Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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Incoming:

1-80 Amp, TP, 10 KA, MCCB,
3-phase indicating lamps:
1-set of Bus bars

Outgoing:

1 Job 16-30 Amps SP, 7.5 KA, MCBs: Each
1-40 Amps TP, 7.5 KA, MCBs:
1-10 Amps SP, 7.5 KA, MCBs:

02. Provide, install, connect and commission FLAT-DB 1.5mm thick steel sheet fabricated, flush type totally enclosed with hinged front cover suitable for 3 phase, 4 wire, 50 Hz A/C system and equipped as

Incoming:

1-30 Amp, SP, 7.5 KA, MCBs:
1 - Phase indication lamps:

Outgoing:

16 Job 1-10 Amps SP, 7.5 KA, MCBs: Each
1-15 Amps SP, 7.5 KA, MCBs:

C. **SEC: C: EARTHING:**

01. 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, burried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications. Each

02. 8 Mtrs Provide, lay and connect 2x8 SWG copper conductors in 25mm dia G.I. Pipe from earth plate to panel. Mtrs

ATTESTED TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. _____


(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahir
M:
Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 1 - 4

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 24,041,762.18	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		

2) PLUMBING WORKS	Rs. 1,002,106.48	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		

3) ELECTRICAL WORKS	Rs. 902,467.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		

Total Rs. _____

1 Block **ATTESTED** Rs. _____ X 3 Rs. _____


(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 1 - 4

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
<u>SCHEDULE ITEMS:</u>						
01.	12330 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%Cft	3,176.25		39,163.16
02.	1,041 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		98,023.47
03.	7,415 Cft	Random, rubble masonry (uncoursed). (S.I. No.1(a) chapter 6 of Schedule of Rates 2012)	%Cft	13,051.50		967,768.73
04.	2,966 Sft	Sand grouting in stone apron with high pressure house. (S.I. No.13 chapter 6 of Schedule of Rates 2012)	%Sft	1,772.38		52,568.79
05.	2,703 Cft	Borrow pit excavated earth. (lead upto 8 miles). (S.I. No.3(a) chapter 1 of Schedule of Rates 2012)	%Cft	2,117.50		5,723.60
06.	2,703 Cft	Extra 8 miles lead. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	837.08		22,626.27
07.	2,703 Cft	Dressing and levelling. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	187.55		5,069.48
08.		Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering):				
	(i)	(i) Ratio 1:3:6:				
	1,445 Cft	a) Ground Floor	%Cft	12,595.00		181,997.75
	21 Cft	b) First Floor	%Cft	13,805.00		2,899.05
	21 Cft	c) Second Floor	%Cft	15,015.00		3,153.15
	21 Cft	d) Third Floor	%Cft	16,225.00		3,407.25
	(ii)	(ii) Ratio 1:4:8:				
	1,056 Cft	a) Ground Floor (S.I. No.5(h) and 5(i) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		119,209.20
09.	3,849 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). a) Ground Floor	%Sft	3,127.41		120,374.01
	15 Sft	b) First Floor	%Sft	3,127.41		469.11
	15 Sft	c) Second Floor	%Sft	3,292.57		493.89
	15 Sft	d) Third Floor (S.I. No.19(b)(ii) chapter 4 of Schedule of Rates 2012)	%Sft	3,533.97		530.10

ATTESTED



Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
10.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural mangers laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	7,044 Cft	a) Ground Floor	Cft	337.00		2,373,828.00
	3,336 Cft	c) First Floor	Cft	337.00		1,124,232.00
	3,336 Cft	d) Second Floor	Cft	349.10		1,164,597.60
	3,706 Cft	e) Third Floor	Cft	361.20		1,338,607.20
		(S.I. No.6(a)(i) & (d) chapter 4 of Schedule of Rates 2012)				
11.	310 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		12,129.84
12.	3,849 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		106,270.51
13.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints:				
	2,000 Cft	a) Ground Floor	%Cft	12,674.36		253,487.20
	2,000 Cft	b) First Floor	%Cft	13,112.99		262,259.80
	2,000 Cft	c) Second Floor	%Cft	13,687.74		273,754.80
	2,365 Cft	d) Third Floor	%Cft	14,262.49		337,307.89
		(S.I. No.5(i)(e)+6 chapter 5 Page-21 & 22 of Schedule of Rates 2012).				
14.	2,703 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		30,847.99
15.	1,056 Cft	Dry rammed brick or stone ballast 1½" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		35,138.40
16.		Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints:				
	2,000 Sft	a) Ground Floor	Sft	567.48		1,134,960.00
	2,000 Sft	b) First Floor	Sft	569.74		1,139,480.00
	2,000 Sft	c) Second Floor	Sft	572.00		1,144,000.00
	2,000 Sft	d) Third Floor	Sft	574.26		1,148,520.00
		(S.I. No.28(a) chapter 8 P-43 of Schedule of Rates 2012)				

ATTESTED

 (Engr. Zahid Ali Kolachi)
 Project Engineer

Iqbal Muhammad
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
17.		Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, current finishing, cleaning and polishing etc. complete.				
	255 Sft	a) Ground Floor	Sft	186.04		47,440.20
	255 Sft	b) First Floor	Sft	186.04		47,440.20
	255 Sft	c) Second Floor	Sft	186.04		47,440.20
	255 Sft	d) Third Floor	Sft	186.04		47,440.20
		(S.I. No:68(a), Chapter-8 of Schedule of Rates 2012)				
18.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete.				
	160 Sft	a) Ground Floor	%Sft	27,678.86		44,286.18
	160 Sft	b) First Floor	%Sft	27,905.79		44,649.26
	160 Sft	c) Second Floor	%Sft	28,132.62		45,012.19
	160 Sft	d) Third Floor	%Sft	28,359.50		45,375.20
		(S.I. No.18 & 24 chapter 8 of Schedule of Rates 2012)				
19.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.				
	658 Cft	a) Ground Floor	%Cft	28,299.30		186,209.39
	658 Cft	b) First Floor	%Cft	28,299.30		186,209.39
	658 Cft	c) Second Floor	%Cft	28,299.30		186,209.39
	658 Cft	d) Third Floor	%Cft	28,299.30		186,209.39
		(S.I. No.38 chapter 8 of Schedule of Rates 2012)				
20.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels.				
	2,115 Sft	(a) Over Roof Top	%Sft	3,956.14		83,672.36
		(S.I. No.16(c) & 18 chapter 8 of Schedule of Rates 2012)				
21.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	1,700 Sft	(a) Under Floor	Sft	10.70		18,190.00
		(S.I. No.38 chapter 7 of Schedule of Rates 2012)				
22.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	2,115 Sft	(a) Over Roof Top	%Sft	1,887.40		39,918.51
		(S.I. No.13 chapter 7 of Schedule of Rates 2012)				
23.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal).				
	4,475 Sft	a) Ground Floor	%Sft	2,122.72		94,991.72
	4,475 Sft	b) First Floor	%Sft	2,122.72		94,991.72
	4,475 Sft	c) Second Floor	%Sft	2,122.72		94,991.72
	4,475 Sft	d) Third Floor	%Sft	2,122.72		94,991.72
		(S.I. No.13(a) chapter 9 of Schedule of Rates 2012)				

ATTESTED



Mr. Zahid Ali Koli
Project Engineer
Ghufran Muhammad Mahar
Medical College Sukkur
Page-3

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
24.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal).				
	4,475 Sft	a) Ground Floor	%Sft	2,197.52		98,339.02
	4,475 Sft	b) First Floor	%Sft	2,197.52		98,339.02
	4,475 Sft	c) Second Floor	%Sft	2,197.52		98,339.02
	4,475 Sft	d) Third Floor	%Sft	2,197.52		98,339.02
		(S.I. No.11(a) chapter 9 of Schedule of Rates 2012)				
25.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat External).				
	2,955 Sft	a) Ground Floor	%Sft	2,122.72		62,726.38
	1,730 Sft	b) First Floor	%Sft	2,262.72		39,145.06
	1,730 Sft	c) Second Floor	%Sft	2,402.72		41,567.06
	3,460 Sft	d) Third Floor	%Sft	2,542.72		87,978.11
		- (S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)				
26.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External).				
	400 Sft	a) Ground Floor	%Sft	2,197.52		8,790.08
	100 Sft	b) First Floor	%Sft	2,337.52		2,337.52
	100 Sft	c) Second Floor	%Sft	2,477.52		2,477.52
	1,150 Sft	d) Third Floor	%Sft	2,617.52		30,101.48
		(S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)				
27.	6 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6".	Each	358.68		2,152.08
		(S.I. No.18 chapter 7 of Schedule of Rates 2012)				
28.	6 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4'1/2", 3" cement concrete (1:4:8).	Each	649.83		3,898.98
		(S.I. No.19 chapter 7 of Schedule of Rates 2012)				
29.		Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars).				
	413 Cwt	a) Ground Floor	Cwt	5,001.70		2,065,702.10
	124 Cwt	b) First Floor	Cwt	5,152.95		638,965.80
	124 Cwt	c) Second Floor	Cwt	5,304.20		657,720.80
	143 Cwt	d) Third Floor	Cwt	5,455.45		780,129.35
		(S.I. No.8(b)+29 chapter 4 of Schedule of Rates 2012)				
30.		Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges).				
	1,435 Sft	a) Ground Floor	%Sft	2,116.41		30,370.00
	1,435 Rft	b) First Floor	%Sft	2,116.41		30,370.00
	1,435 Rft	c) Second Floor	%Sft	2,116.41		30,370.00
	1,435 Rft	d) Third Floor	%Sft	2,116.41		30,370.00
		(S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)				

Zahid

(Engr. Zahid Ali Kolachi)
Project Engineer

Ghulam Muhammad Mahar
College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
31.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall).				
	4,475 Sft	a) Ground Floor	%Sft	2,237.95		100,148.26
	4,475 Sft	b) First Floor	%Sft	2,237.95		100,148.26
	4,475 Sft	c) Second Floor	%Sft	2,237.95		100,148.26
	4,475 Sft	d) Third Floor	%Sft	2,237.95		100,148.26
		(S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)				
32.		Distempering (3 coats) (on ceiling):				
	1,805 Sft	a) Ground Floor	%Sft	1,079.65		19,487.68
	1,805 Sft	b) First Floor	%Sft	1,079.65		19,487.68
	1,805 Sft	c) Second Floor	%Sft	1,079.65		19,487.68
	1,805 Sft	d) Third Floor	%Sft	1,079.65		19,487.68
		(S.I. No.24(c) chapter 9 of Schedule of Rates 2012)				
33.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	400 Sft	a) Ground Floor	%Sft	2,567.95		10,271.80
	100 Sft	b) First Floor	%Sft	2,796.04		2,796.04
	100 Sft	c) Second Floor	%Sft	3,024.13		3,024.13
	1,150 Sft	d) Third Floor	%Sft	3,252.22		37,400.53
		(S.I. No.38(A&B) + 42 chapter 9 of Schedule of Rates 2012)				
34.	2,115 Sft	Providing Anti-termite treatment by spraying/ sprinkling/ spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area).	Sft	9.74		20,600.10
		(S.I. No.92 chapter 18 of Schedule of Rates 2012)				
35.		Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 apart equivalent fitted with screws are pins i/c painting 3 coats with 1st coat of-red oxide paint etc:				
	330 Sft	a) Ground Floor	Sft	194.16		64,072.80
	330 Sft	b) First Floor	Sft	194.16		64,072.80
	330 Sft	c) Second Floor	Sft	194.16		64,072.80
	330 Sft	d) Third Floor	Sft	194.16		64,072.80
		(S.I.No:30 Chapter-17 of Schedule of Rate of 2012).				

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
36.		Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges).				
	330 Sft	a) Ground Floor	%Sft	1,270.83		4,193.74
	330 Sft	b) First Floor	%Sft	1,270.83		4,193.74
	330 Sft	c) Second Floor	%Sft	1,270.83		4,193.74
	330 Sft	d) Third Floor	%Sft	1,270.83		4,193.74
		(S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)				
37.	2,800 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		112,000.00
38.		Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.				
	256 Sft	a) Ground Floor	%Sft	47,651.56		121,987.99
	256 Sft	b) First Floor	%Sft	47,651.56		121,987.99
	256 Sft	c) Second Floor	%Sft	47,651.56		121,987.99
	256 Sft	d) Third Floor	%Sft	47,651.56		121,987.99
		(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)				
39.		First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1 1/4" thick.				
	375 Sft	a) Ground Floor	Sft	1,273.76		477,660.00
	375 Sft	b) First Floor	Sft	1,273.76		477,660.00
	375 Sft	c) Second Floor	Sft	1,273.76		477,660.00
	375 Sft	d) Third Floor	Sft	1,273.76		477,660.00
		(S.I. No.7(b) chapter 10 of Schedule of Rates 2012)				
40.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete. 1 1/2" thick deodar wood framing including wire gauze with ordinary hinges.				
	112 Sft	a) Ground Floor	Sft	562.98		63,053.76
	112 Sft	b) First Floor	Sft	562.98		63,053.76
	112 Sft	c) Second Floor	Sft	562.98		63,053.76
	112 Sft	d) Third Floor	Sft	562.98		63,053.76
		(S.I.No:14(b) Chapter-10 of Schedule of Rate of 2012).				

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Mubhammad Page-6
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
41.		Providing and fixing approved quality mortice lock:				
	16 Nos	a) Ground Floor	Each	1,786.13		28,578.08
	16 Nos	b) First Floor	Each	1,786.13		28,578.08
	16 Nos	c) Second Floor	Each	1,786.13		28,578.08
	16 Nos	d) Third Floor	Each	1,786.13		28,578.08
		(S.I.No.21, chapter 10 of Schedule of Rates 2012)				
42.		Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2½ inches as directed by Engineer Incharge:				
	1,310 Rft	a) Ground Floor	Rft	49.97		65,460.70
	1,310 Rft	b) First Floor	Rft	49.97		65,460.70
	1,310 Rft	c) Second Floor	Rft	49.97		65,460.70
	1,310 Rft	d) Third Floor	Rft	49.97		65,460.70
		(S.I.No:60(b) Chapter-10 of Schedule of Rate of 2012).				

TOTAL SCHEDULE ITEMS (CIVIL WORKS): Rs. 24,041,762.18

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 1 - 4

CIVIL WORKS

BILL OF QUANTITIES

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. Providing and laying Gutta brick facing 2¼"x9"x2¼" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).
- | | | |
|-----------|-----------------|-----|
| 1,730 Sft | a) Ground Floor | Sft |
| 1,730 Sft | b) First Floor | Sft |
| 1,730 Sft | c) Second Floor | Sft |
| 2,480 Sft | d) Third Floor | Sft |
02. Providing, making and fixing build in wardrobe cabinet of 2 feet deep with ¾ inch thick chipboard of both sided commercial ply veneered horizontal and vertical shelves and walling 1" thick shutter of ¾" chipboard of one sided commercial ply veneered and the other side finished with ¼" thick teak ply all chipboard edging with 1" x ¾" deodar wood lipping as shown in drawings, all fittings as per schedule of hardware including 3 coat of enamel painting to inner surfaces of the cabinet and wax polishing to the outer surfaces of shutters etc. complete as per drawings and specifications and as per directed by Engineer Incharge.
- | | | |
|--------|-----------------|-----|
| 85 Sft | a) Ground Floor | Sft |
| 85 Sft | b) First Floor | Sft |
| 85 Sft | c) Second Floor | Sft |
| 85 Sft | d) Third Floor | Sft |
03. Providing and fixing balustrade of Mild steel ¾" square bars fixed with 1" x ¼" mild steel flat to 6" x 3" sheesham wood hand rail moulded to required details as per drawing and specifications including polishing the hand rail and painting the mild steel square bars with 2 coats of enamelled paint over a priming coat of anticorrosive (red oxide) of approved manufacture's (3'-0" high for balcony and for open area) for all floor.
- | | | |
|--------|-----------------|-----|
| 90 Rft | a) First Floor | Rft |
| 90 Rft | b) Second Floor | Rft |
| 90 Rft | c) Third Floor | Rft |

ATTESTED



(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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04. 310 Sft Providing and applying 3/4" thick internal cement plaster ratio 1:4 with Pudlo @ 5 lbs per bag of cement etc. complete. (for Overhead Tanks). Sft

05. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

220 Rft a) 110 mm dia (4" dia for Rain water). Rft

06. Providing and making 2 feet deep kitchen cabinet consisting of 1" thick white marble topping over RCC slab, deodar wood frame 1" x 2" size, deodar wood vertical frame of 2" x 1" size, 1" x 2 1/2" hard wood stopper, 1" x 1" hard wood framing to retain drawer, backing and bottom of drawer with 1/4" thick commercial ply with deodar wood frame 2" x 3/4" hard wood framing with 3/4" thick commercial ply veneered chipboard in bottom, and drawer of 1/2" thick deodar wood plank with formica on front face, shutters of 1/2" thick chip board with formica on front with deodar wood internal partition, aluminium angle of 1/2" x 1/2" section on teh shutters, fitting as per schedule of hardware, enamel painting where required complete including termite control and all wood preservative applications all as per drawing and specifications (front face of the cabinet shall be measured for payment).

96 Sft a) Ground Floor Sft
96 Sft b) First Floor Sft
96 Sft c) Second Floor Sft
96 Sft d) Third Floor Sft

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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07. Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).

265 Sft	a) Ground Floor	Sft
300 Sft	b) First Floor	Sft
300 Sft	c) Second Floor	Sft
300 Sft	d) Third Floor	Sft

08. Providing and making hanging cabinet 12" deep and 1'-6" high with 3/4" thick chip-board fixed to hard wood frame of 1 1/4" x 1 1/4" size on top and bottom with 1/4" thick hard board on backing, one shelf of 1/2" thick chip board with 1/2" x 1/2" hardwood frame, 1/2" x 1/2" size wooden beading in the bottom of 1/2" thick chipboard shutters with formica on front face, fitting as per schedule of hardware, painting with enamel paint including termite control and all wood preservative applications complete all as per drawing and specification (front face of the cabinet shall be measured for payments).

65 Sft	a) Ground Floor	Sft
65 Sft	b) First Floor	Sft
65 Sft	c) Second Floor	Sft
65 Sft	d) Third Floor	Sft

09. 2 Nos Providing and fixing manhole cover with frame 2'x2' including cutting, chiseling, finishing and curing all labour and materials etc. complete. Each

ATTESTED

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) :

Rs. _____

Qadi

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mehar
Medical Coll. J. Bahkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 1 - 4

PLUMBING WORKS

BILL OF QUANTITIES

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2(c) & (d) Chapter-10 of Schedule of Rate of 2012)				
	150 Rft	a) RCC Pipe 9"dia	Rft	250.60		37,590.00
	100 Rft	a) RCC Pipe 12"dia	Rft	401.97		40,197.00
	100 Rft	b) RCC Pipe 15"dia	Rft	510.11		51,011.00
02.	6 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		7,159.02
03.	16 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		8,155.84
04.	16 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chrome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		17,142.40
05.	16 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) P-46 Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		235,968.00

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.	8 Nos	Providing and fixing steel sinks stainless local (40"x 20") make complete with cast iron or wrought iron brackets 6 inches built in wall, 1½" C.P. rubber plug chrome plated brass chain, 1½" C.P. brass waste, with 1½" P.V.C. waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. (S.I. No:19(a) P-6 Chapter-1 of Schedule of Rate of 2012)	Each	5,052.30		40,418.40
07.	16 Nos	Supply and fixing concealed jet shower with rod of superior quality single C.P. head 1/2" dia. (S.I. No:15 Chapter-6 of Schedule of Rate of 2012)	Each	1,142.24		18,275.84
08.	8 Nos	Providing and fixing European type white glazed earthen ware wash down WC pan complete with and including cost of white/black plastic seat (best quality) and lid with CP brass hinges and buffers, 3 gallons plastic flushing cistern with fitting and clamps 3/4" dia and cutting and making requisite number of holes in wall plinth and floor for pipe connections and making good in cement concrete 1:2:4. (S.I. No.4 Page-2 Chapter-1 of Schedule of Rate of 2012)	Each	5,339.40		42,715.20
09.	16 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug and chrome plate brass chain 1¼" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I.No.8+9 Page-3 Chapter-1 of Schedule of Rate of 2012)	Each	5,192.17		83,074.72
10.	16 Nos	Providing and fixing in position nylon connection complete with 1/2" dia brass stop cock, with pair of brass nuts and lining joints to nylon connection. (S.I. No.23 Page-6 Chapter-1 of Schedule of Rate of 2012)	Each	447.15		7,154.40
11.	16 Nos	Supplying and fixing in position 1/2" dia CP bib cock, standard pattern. (S.I. No.2(i)(b) Page-16 Chapter-6 of Schedule of Rate of 2012)	Each	150.92		2,414.72
12.	16 Nos	Supplying and fixing wash basin mixture of superior quality with C.P head 1/2" dia. (S.I. No.14(a) Page-19, Chapter-6 of Schedule of Rate of 2012)	Each	2,882.00		46,112.00

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(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Jahar
Medical College Sukkur
Page-2

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
13.	8 Nos	Supplying and fixing sink mixture cock of superior quality with C.P head etc. complete. (S.I. No.17 P-19 Chapter-6 of Schedule of Rate of 2012)	Each	2,745.60		21,964.80
14.	8 Nos	Supplying and fixing CP muslim shower with double bib cock and ring pipe etc. complete. (S.I. No.19-a Page-19 Chapter-6 of Schedule of Rate of 2012)	Each	3,432.00		27,456.00
15.	16 Nos	Providing and fixing 24"x18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern). (S.I. No.3-a Page-7 Chapter-2 of Schedule of Rate of 2012)	Each	1,711.60		27,385.60
16.	16 Nos	Supplying and fixing bathroom accessories set (7 piece) including towel rod, brush holder soaptray shelf of approved design including cost of screws, nuts etc. complete. (Master Brand). (S.I. No.23 Page-19 Chapter-6 of Schedule of Rate of 2012)	Each	10,322.40		165,158.40
17.	10 Nos	Supplying and fixing 3/4" dia handle valve (China). (S.I. No.4(b)(ii),(iii)&(v) Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	227.92		2,279.20
18.	44 Nos	Supplying and fixing 1" dia handle valve (China). (S.I. No.5(iii) Page-17)	Each	365.42		16,078.48
19.	10 Nos	Supplying and fixing 1 1/2" dia handle valve (China). (S.I. No.5(v) Page-17)	Each	970.92		9,709.20
20.	2 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4 1/2" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qr) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20)	Each	4,905.67		9,811.34
21.	8 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (f) with 4 " dia C.I. trap. (S.I. No.3(a) Page-2)	Each	5,836.60		46,692.80

ATTESTED



(Engr. Zahid Aji Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

Each 5,836.60 46,692.80

S#	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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22.

Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). (Internal):

100 Rft	a) 1/2 inch (17mm) dia pipe.	Rft	64.88		6,488.00
367 Rft	b) 3/4 inch (20mm) dia pipe.	Rft	86.36		31,694.12

(S.I. No:1(i)&(ii) P-14 Chapter-5 of Schedule of Rate of 2012)

TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs.

1,002,106.48

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 1 - 4

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

150 Rft	a) 20 mm dia (3/4" dia)	Rft
100 Rft	b) 40 mm (1½" dia)	Rft
100 Rft	c) 17 mm dia (1/2" dia)	Rft
100 Rft	d) 25 mm (1" dia)	Rft
650 Rft	e) 50 mm (2" dia)	Rft

02. Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowels, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:

500 Rft	a) 75 mm dia (3" dia:)	Rft
480 Rft	b) 110 mm dia (4" dia:)	Rft

ATTESTED



(Engr: Zahid Ali Kolacchi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

03. 8 Nos Providing and installing "Nesgas" or equivalent approved water heater / geyser of 30 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete. Each

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 1 - 4

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	239 Point	Wiring for light / fan / exhaust fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		270,070.00
2.	128 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.126-p15)	Point	985.00		126,080.00
3.	16 Point	Wiring for call bell point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No.128-p15)	Point	1764.00		28,224.00
4.	159 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		11,448.00
5.	48 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 231-p33)	Point	3185.00		152,880.00
6.	190 Mtrs	Providing & laying (SUB MAIN) PVC insulated with size 3-7/.044(6mm2) copper conductor in 1" dia . PVC conduit ressed in wall slap or column as required. (Schedule Item No. 26 -p4)	Per Mtr.	113.50		21,565.00
7.	120 Mtrs	Providing & laying main Feeder PVC insulated/PVC sheathed with 4 core armoured copper conductor 600/1000 volt size 25mm2. (Schedule Item No. 114 -p13)	Per Mtr.	2435.00		292,200.00

ATTESTED

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 902,467.00



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF BPS 1 - 4

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

01.		Provide, wire and connect 2x2.5 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
101.	17	Nos Circuit for light/fan point	Each			
02.		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:				
201.	17	Nos Single gang switch plate.	Each			
202.	72	Nos Double gang switch plate.	Each			
203.	1	Nos Three gang switch plate:	Each			
204.	16	Nos Four gang switch plate.	Each			
206.	48	Nos Solid state fan dimmer with "ON-OFF" control.	Each			
207.	128	Nos 5 Amps 2/3 pin switched socket outlet plate.	Each			
208.	16	Nos Bell push button.	Each			
208.	16	Nos Buzzer	Each			
03.		Provide, install, connect and commission Exhaust fan, complete in all respects.				
301.	32	Nos 9" dia exhaust fan	Each			

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

B. SEC: B: SWITCH GEAR:

01.		Provide, install, connect and commission Main Emergency panel, cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under:				
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S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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Incoming:

1-80 Amp, TP, 10 KA, MCCB,
3-phase Indicating lamps:
1-set of Bus bars

Outgoing:

1 Job 16-30 Amps SP, 7.5 KA, MCBs: Each
1-40 Amps TP, 7.5 KA, MCBs:
1-10 Amps SP, 7.5 KA, MCBs:

02. Provide, install, connect and commission FLAT-DB 1.5mm thick steel sheet fabricated, flush type totally enclosed with hinged front cover suitable for 3 phase, 4 wire, 50 Hz A/C system and equipped as

Incoming:

1-30 Amp, SP, 7.5 KA, MCBs:
1 - Phase indication lamps:

Outgoing:

16 Job 1-10 Amps SP, 7.5 KA, MCBs: Each
1-15 Amps SP, 7.5 KA, MCBs:

C. SEC: C: EARTHING:

01. 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, burried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications. Each

02. 8 Mtrs Provide, lay and connect 2x8 SWG copper conductors in 25mm dia G.I. Pipe from earth plate to panel. Mtrs

ATTESTED TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS): Rs. _____



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahal
Medical College Sukkur



**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR.**

Package – 4

- i) Auditorium
- ii) Library
- iii) Mosque
- iv) Maintenance Work Shop
- v) Central Canteen
- vi) Market

Tender Documents

Part – I

Invitation for Bids
Instruction to Bidders
Bidding Data
Form of Bid and Appendices to Bid
Bill of Quantities
Bid Security Form
Form of Performance Security
Form of Contract Agreement
Mobilization Advance Guarantee/Bond
Indenture Bond for Secured

Consultants:



ZAHEERUDDIN CONSULTANTS (PVT.) LTD.

■ Architects ■ Planners ■ Engineers ■ Construction Managers
5-A, Sindhi Muslim Society, Karachi – 74400 (Pakistan)
Tel:# 3455 0321 (4 Lines) Fax: (92-21) 3455 5251 E-mail: zckhi@gmail.com
Email: info@zaheeruddinconsultants.org, www.zaheeruddinconsultants.org



SPECIAL STIPULATIONS
Clause
Conditions of Contract

1.	Engineer representing Consulting Firm hired by the procuring agency to issue variation in case of emergency in foreign funded projects.	2.1	<i>Not Applicable</i>
2.	Amount of Performance Security	10.1	10% of Contract Price.
3.	Time for Furnishing Programme	14.1	Within 28 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Insurance	23.2	Rs. 500,000/- per occurrence with number of occurrences unlimited.
5.	Time for Commencement	41.1	Within 14 days from the date of receipt of Engineer's Notice to Commence, this shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion	43.1 48.2	548 days from the date of receipt of Engineer's Notice to Commence
7.	a) Amount of Liquidated Damages	+47.1	Rs.100,000.00 for each day of delay in completion of the works subject to a maximum of 10% of contract price stated in the Letter of Acceptance.
	b) Amount of Bonus (it is discretion of procuring agency to pay bonus, only in cases where time is of critical value).	47.3	<i>Not Applicable</i>
8.	Defects Liability Period	49.1	548 days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	60.2	10 % of the amount of Interim/Running Payment Certificate (Total value 5% of the Bid amount).
10.	Limit of Retention Money	60.2	5% of Contract Price stated in the Letter of Acceptance.
11.	Minimum amount of Interim/Running Payment Certificates	60.2	Rs. 5.0 million
12.	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	60.10	30 days
13.	Mobilization Advance (Interest Free in case of foreign funded projects only)	60.12	10% of Contract Price stated in the Letter of Acceptance, against Bank Guarantee.

As explained in the Special Conditions Part-II of Contract.

ATTESTED



(Engr. Zahid Ali Kolaohi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

SPECIAL STIPULATIONS
Clause
Conditions of Contract

1.	Engineer representing Consulting Firm hired by the procuring agency to issue variation in case of emergency, in foreign funded projects.	2.1	<i>Not Applicable</i>
2.	Amount of Performance Security	10.1	10% of Contract Price.
3.	Time for Furnishing Programme	14.1	Within 28 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Insurance	23.2	Rs. 500,000/- per occurrence with number of occurrences unlimited.
5.	Time for Commencement.	41.1	Within 14 days from the date of receipt of Engineer's Notice to Commence, this shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion	43.1 48.2	365 days from the date of receipt of Engineer's Notice to Commence
7.	a) Amount of Liquidated Damages	+47.1	Rs.100,000.00 for each day of delay in completion of the works subject to a maximum of 10% of contract price stated in the Letter of Acceptance.
	b) Amount of Bonus (it is discretion of procuring agency to pay bonus, only in cases where time is of critical value).	47.3	<i>Not Applicable</i>
8.	Defects Liability Period	49.1	365days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	60.2	10 % of the amount of Interim/Running Payment Certificate.
10.	Limit of Retention Money	60.2	5% of Contract Price stated in the Letter of Acceptance.
11.	Minimum amount of Interim/Running Payment Certificates	60.2	Rs. 5.0 million
12.	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	60.10	30 days
13.	Mobilization Advance (Interest Free in case of foreign funded projects only)	60.12	10% of Contract Price stated in the Letter of Acceptance, against Bank Guarantee.

As explained in the Special Conditions Part-II of Contract.

ATTESTED



(Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College Sukkur

Appendix-D to Bid

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the contract include all costs of contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract. Furthermore all duties, taxes and other levies payable by the contractor under the contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bids, shall be included in the rates and prices and the total bid price submitted by the bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the works.
6. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the bidding documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clause 58.2 of Part I, General Conditions of Contract.

ATTESTED



(Eng. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

BD-2
Appendix-D to Bid

BILL OF QUANTITIES

ATTESTED



(Engr. Zahid Ali Kalachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

**GHULAM MUHAMMAD MAHAR MEDICAL
COLLEGE, SUKKUR**

GRAND SUMMARY

PACKAGE - 4

01.	Auditorium	Rs. _____
02.	Library	Rs. _____
03.	Mosque	Rs. _____
04.	Workshop	Rs. _____
05.	Cafeteria	Rs. _____
06.	Market	Rs. _____
GRAND TOTAL OF PACKAGE-4 =		Rs. _____

(Rupees in Words)

ATTESTED



(Engg. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

AUDITORIUM

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 48,907,440.60	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) FURNITURE & CARPENTRY WORKS	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Non-Schedule Items (Furniture & Carpentry Works): = Rs. _____		
3) PLUMBING WORKS	Rs. 735,879.42	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
4) ELECTRICAL WORKS	Rs. 725,173.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
		Total Rs. _____

ATTESTED


(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

AUDITORIUM

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.	39,400 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%Cft	3,176.25		125,144.25
02.	3,283 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		309,136.47
03.	2,860 Cft	Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering): (i) Ratio 1:3:6	%Cft	12,595.00		360,217.00
	3,133 Cft	(ii) Ratio 1:4:8 (Under Floor) (S.I. No.5(h) & 5(i) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		353,676.54
04.	2,250 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,127.41		70,366.73
05.	60,000 Cft	Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendring and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge. a) Ground Floor	Cft	337.00		20,220,000.00
	7,856 Cft	b) First Floor (S.I. No.6(a)(i) + d chapter 4 of Schedule of Rates 2012)	Cft	337.00		2,647,472.00
06.	2,582 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		101,029.79


(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
07.	23,330 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		644,138.97
08.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints.				
	14,730 Cft	a) Ground Floor	%Cft	12,674.36		1,866,933.23
	10,462 Cft	b) First Floor	%Cft	13,112.99		1,371,881.01
	25,192	(S.I. No.5(i)(e) chapter 5 of Schedule of Rates 2012)				
09.	25,340 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		289,192.75
10.	6,585 Cft	Dry rammed brick or stone ballast 1 1/2" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		219,115.88
11.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete.				
	800 Sft	a) Ground Floor	%Sft	27,678.86		221,430.88
	400 Sft	b) First Floor	%Sft	27,905.79		111,623.16
		(S.I. No.24 + 18 chapter 8 of Schedule of Rates 2012)				
12.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.				
	1,180 Cft	a) Ground Floor	%Sft	28,299.30		333,931.74
	690 Cft	b) First Floor	%Sft	28,299.30		333,931.74
		(S.I. No.38 chapter 8 of Schedule of Rates 2012)				
13.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels.				
	4,694 Sft	(a) Floor	%Sft	3,275.50		153,751.97
	10,720 Sft	(b) Over Roof Top	%Sft	3,956.14		424,098.21
		(S.I. No.16(c) & 18 chapter 8 of Schedule of Rates 2012)				
14.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	15,232 Sft	(a) Under Floor	Sft	10.70		162,982.40
	10,720 Sft	(b) Over Roof Top	Sft	10.70		114,704.00
		(S.I. No.38 chapter 7 of Schedule of Rates 2012)				
15.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	15,232 Sft	(a) Under Floor	%Sft	1,887.40		287,488.77
	10,720 Sft	(b) Over Roof Top	%Sft	1,887.40		202,329.28
		(S.I. No.13 chapter 7 of Schedule of Rates 2012)				

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Engr. Anil Kolachi
Project Engineer
Shulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
16.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal).				
	16,745 Sft	a) Ground Floor	%Sft	2,122.72		355,449.46
	9,123 Sft	b) First Floor	%Sft	2,122.72		193,655.75
	1,702 Sft	c) Above First Floor	%Sft	2,122.72		36,128.69
		(S.I. No.13(a) chapter 9 of Schedule of Rates 2012)				
17.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal).				
	16,745 Sft	a) Ground Floor	%Sft	2,197.52		367,974.72
	10,825 Sft	b) First Floor	%Sft	2,197.52		237,881.54
		(S.I. No.11(a) chapter 9 of Schedule of Rates 2012)				
18.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat External).				
	8,046 Sft	a) Ground Floor	%Sft	2,122.72		170,794.05
	11,545 Sft	b) First Floor	%Sft	2,262.72		261,231.02
		(S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)				
19.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External).				
	5,046 Sft	a) Ground Floor	%Sft	2,197.52		110,886.86
	6,545 Sft	b) First Floor	%Sft	2,337.52		152,990.68
		(S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)				
20.	20 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6".	Each	358.68		7,173.60
		(S.I. No.18 chapter 7 of Schedule of Rates 2012)				
21.	20 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4'½", 3" cement concrete (1:4:8).	Each	649.83		12,996.60
		(S.I. No.19 chapter 7 of Schedule of Rates 2012)				
22.		Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars).				
	1,155 Cwt	a) Ground Floor	Cwt	5,001.70		5,776,963.50
	1,026 Cwt	b) First Floor	Cwt	5,001.70		5,131,744.20
		(S.I. No.8(b) + 29 chapter 4 of Schedule of Rates 2012)				
23.		First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1½" thick.				
	600 Sft	a) Ground Floor	Sft	1,273.76		764,256.00
	600 Sft	b) First Floor	Sft	1,273.76		764,256.00
		(S.I. No.7(b) chapter 10 of Schedule of Rates 2012)				
24.		Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges).				
	1,335 Sft	a) Ground Floor	%Sft	2,116.41		28,254.07
	843 Sft	b) First Floor	%Sft	2,116.41		17,841.34
		(S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)				

Attest

Engr. Ghulam Muhammad Mahar
Project Engineer
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
25.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall).				
	10,230 Sft	a) Ground Floor	%Sft	2,237.95		228,942.29
	10,020 Sft	b) First Floor	%Sft	2,237.95		224,242.59
		(S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)				
26.		Distempering (3 coats) (on ceiling).				
	4,190 Sft	a) Ground Floor	%Sft	1,079.65		45,237.34
	3,155 Sft	b) First Floor	%Sft	1,079.65		34,062.96
		(S.I. No.24(c) chapter 9 of Schedule of Rates 2012)				
27.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	5,050 Sft	a) Ground Floor	%Sft	2,567.95		129,681.48
	6,545 Sft	b) First Floor	%Sft	2,796.04		183,000.82
		(S.I. No.38(A&B) + 42 chapter 9 of Schedule of Rates				
28.	14,727 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area).	Sft	9.74		143,440.98
		(S.I. No.92 chapter 18 of Schedule of Rates 2012)				
29.	920 Sft	Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats	Sft	194.16		178,627.20
		(S.I. No.30 chapter 17 of Schedule of Rates 2012)				
30.	2,065 Sft	Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges).	%Sft	1,270.83		26,242.64
		(S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)				
31.	4,500 Bag	Difference of cost of S.R. cement and Portland cement.	Bag	40.00		180,000.00
		(S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)				
32.	10,540 Sft	Rubber flooring (consisting of 12" x 12" x 1/8" rubber tiles laid on firm foundation).	%Sft	16,254.15		1,713,187.41
		(S.I. No 63 Chapter 8 of Schedule of Rates 2012)				


 Project Engineer
 Ghulam Muhammad Manar
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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33.		Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.				
	350 Sft	a) Ground Floor	%Sft	47,651.56		166,780.46
	350 Sft	b) First Floor	%Sft	47,651.56		166,780.46
		(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)				
34.	42 Nos	Providing and fixing approved quality mortice lock.	Each	1,786.13		75,017.46
		(S.I.No.21, chapter 10 of Schedule of Rates 2012)				
35.		Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2- 1/2 inches as directed by Engineer Incharge:				
	972 Rft	a) Ground Floor	Rft	49.97		48,570.84
	972 Rft	b) Ground Floor	Rft	49.97		48,570.84
		(S.I.No:60(b),Chapter-10 of Schedule of Rate of 2012).				

TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs. 48,907,440.60

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maher
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

AUDITORIUM

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
<u>NON-SCHEDULE ITEMS:</u>						
01.		Providing and laying Porcelain Tiles Floor of approved size, design and quality laid over 1¾" thick C.C. 1:2:4 bed floor including filling and grouting the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.				
	4,000 Sft	i) Size of Tile 12" x 12" a) Ground Floor	Sft			
02.		Providing and laying 12" x 6" size Porcelain Tiles Skirting of approved design and quality set in cement sand mortar ratio 1:3 including filling the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.				
	1,460 Sft	a) Ground Floor	Sft			
03.	2,000 Sft	Providing and laying Gutta brick facing 2¼ "x9"x2½ size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).	Sft			
04.		Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).				
	815 Sft	a) Ground Floor	Sft			
	600 Sft	b) First Floor	Sft			

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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05. 950 Sft Providing and fixing granite strip 5'x1'x3/4" thick fixed over stair steps of required width, set in cement sand mortar 1:2 in grey cement 3/4" thick including washing and filling and grouting the joints with neat white cement slurry using colour pigment for matching including gridding, rubbing, polishing and curing etc. complete as per specification and as directed by the Engineer Incharge. Sft

06. 330 Rft Providing and fixing stainless stair case railing of 3'1/2" consisting of horizontal 2-1/2" x 2-1/2" @ bottom and 1-1/2" x 1-1/2" vertical tube 12" c/c and 3" steel tube with round ball as per directions of Engineer Incharge. Rft

07. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) conforming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

625 Rft a) 110 mm dia (4" dia for Rain water) Rft

08. 8,250 Sft Providing and finishing Top Surface of RCC Tiers by steel trawls to achieve smooth surface during concreting as per drawings and specifications and as directed by the Engineer Incharge. For all heights. Sft

09. 3,845 Cft Providing and laying 1:2:4 RCC of specified strength using approved quality crushed stone and fine aggregate for Domb slab, beam and shell including steel pipe form work as per drawing and design levelling, compacting, rodding, vibrating, finishing, curing etc; complete in all respect but excluding cost of steel and its fabrication. Cft

For all height

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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10. 7,135 Cft Providing and laying 1:2:4 RCC of specified strength using approved quality crushed stone and fine aggregate for Folded Plate slab, and its beams including steel pipe form work as per drawing and design levelling, compacting, rodding, vibrating, finishing, curing etc; complete in all respect but excluding cost of steel and its fabrication.
For all height Cft

11. 4,200 Sft Providing and fixing perforated panelling of 1/8" teak plywood pasted over 1/2" thick chip board with and including 2" x 2" size deodar wood batten in both direction at 12 inch center to center fixed on existing surface, including providing 1" glass wool pad of panelling as shown in drawings with and including polishing on exposed surfaces and transparent solignum paint (imported) on rear surface of chip board and deodar wood etc. complete in all respect all as per drawings and specifications and as directed by the Engineer Incharge. Sft

12. 10,040 Sft Supply and installation of mineral fibre acoustic ceiling (non-directional) perforated pattern size 2'-0"x2'-0"x1 1/2" thick and imported Aluminium extruded section in natural anodized finish 10-12 microns coating comprising of main tee runner and angle edges trim. Suspension shall be made by mean of adjustable suspender of 8 SWG galvanized steel wire and cadmium plated spring clip supported at 4'-0" centre to centre, suspender shall be fixed to the slab, beam soffits with nylon anchors 1 1/2" No.12 round headed steel screws and washer: complete in all respect as per drawing and specifications and as per directions of the Engineer Incharge
(For all heights) Sft

Note:

- Extra frame to hold the light fixtures, an outlets and other services as per working drawing will be provided and no extra payment will be made on this account.
- Measurement will be made for the superficial area, no deduction will be made for the light fixture, an outlets and other services.

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) : Rs. _____

No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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FURNITURE & CARPTENTRY WORKS:

01. 576 Nos Providing, making and fixing in position Auditorium Chair, Seat of 19"x18" size and back of 18"x22" size, seat and back made of wooden frame of packing wood, side arms 26"x18" of M.S. sheet. 20 gauge, seat, back and arms fully cushioned with good quality cloth of approved shade and colour with Master Molty foam covers, seat of 4" thick and back of 3" thick, seat and back covers out side with M.S. sheet 20 gauge, wooden arm rest of best quality deodar wood, wooden folding arms sie 11"x10", with and including fixing of chair on floor with rawal plug etc. complete in all respect, steel work painted with powder coated paint over anticorrosion paint (Red Oxide) all as per drawings, design and as directed by the Engineer Incharge. Each
02. 2 Nos Providing and making guest table 10'-0"x2'-0" and 2'-6" high made of veneered board and frame of shesham wood with best quality and polishing, including termite control treatment to all wood work, etc. complete in all respects as per drawings, design and as directed by the Engineer Incharge. Each
03. Providing and making chair with cushioned seat and back with Master Molty Foam cover with good quality cloth and approved shade and colour, base made of casted aluminium frame, five wheels (Imported) with all other works including termite control termite to all wood work, etc., complete in all respects as per drawings, design and as directed by the Engineer Incharge:
- 1 No. a) For Chairman (high back) Each
- 8 Nos b) For Guest (low back) Each
04. 1 No. Providing and making Rostrum size 24"x22" top and 45" to 48" high, made of veneered board edges covered with wooden beading of best quality seasoned deodar wood, with and including cost of one drawer of deodar wood and one shelf of veneered board bottom frame/border made of deodar wood, including high quality sprit polish with locks and handle including terminate control termite to all wood work etc., complete in all respects as per drawing, design and as directed by the Engineer Incharge. Each

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sialkot

Each

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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05. 1 Job Providing and installation of curtain (side ways) motorization unit, heavy duty curtain track with bearing wheels, clad with nylon for sound free operation. Track of extruded aluminium folding with steel clutch wire. Driven by geared motor 220 volts 550 watts with provision for manual over ride. operating switch & control panel, remote control option (Radio Frequency based receiver panel, thin curtain Fabric on backside of main fabric including, transportation and installation charges etc., complete as directed by the Engineer Incharge. Job

06. 1 Job Providing and installation of Projector Screen of size (16' x16') with special Fabric, crystalized, surface, non reflective, washable, heat Laminated double mechanism, aluminium tube with chain drive system or spring loaded mechanism, motorized control with imported compact tubular motor with gear box & limit switch, multiple remote only with receiver inside motor with installation & transportation complete. etc. As per direction of Engineer/Incharge. Job

06. 1,050 Sft Providing and laying synthetic carpet of (cut pile) shape of (3000 grams per sq.mtr) of good quality and finishing in any print and design etc. complete as per direction of Engineer Incharge. Sft

TOTAL NON-SCHEDULE ITEMS (FURNITURE & CARPENTRY WORKS) : Rs. _____

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

AUDITORIUM

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
<u>SCHEDULE ITEMS:</u>						
01.	12 Nos.	Providing & fixing C.P. Brass Towel Rail complete with bracket fixing on wooden cleats with 1" long C.P. brass screws, 30" long 3/4" dia (round standard quality). (S.I. No.1(ii)(a) Chapter-2 of Schedule of Rate of 2012)	Each	1,082.95		12,995.40
02.	10 Nos.	Providing & fixing 24"x18" bevelled edge mirror of Belgium Glass complete with 1/8" thick C.P. Brass Towel Rail complete with bracket fixing on wooden cleats with 1" long C.P. brass screws, 30" long 3/4" dia (round standard quality). (S.I. No.3(a) Chapter-2 of Schedule of Rate of 2012)	Each	1,711.60		17,116.00
03.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2 Chapter-10 of Schedule of Rate of 2012)				
	450 Rft	a) RCC Pipe 9" dia	Rft	250.60		112,770.00
	100 Rft	b) RCC Pipe 12" dia	Rft	401.97		40,197.00
	100 Rft	c) RCC Pipe 15" dia	Rft	510.11		51,011.00
04.	20 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		23,863.40
05.		Providing and fixing full way gunmetal valves with wheels threaded or flanged ends with rubber washers, standard pattern. (Note: Standard manufacturer by M/s. Anwar Mechanical Works) (S.I.No.4(B), Chapter-6 of Schedule of Rate of 2012)				
	8 Nos	a) 1 1/2" dia	Each	970.92		7,767.36
	10 Nos	b) 1" dia	Each	271.92		2,719.20
	8 Nos	c) 3/4" dia	Each	227.92		1,823.36
06.	50 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		25,487.00

ATTES

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur
Page 1

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
07.	6 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chrome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		6,428.40
08.	16 Nos.	Supplying and fixing C.P. Muslim shower with double bib cock and ring pipe etc; complete. (S.I.No. 19(a), Chapter-6 of Schedule of Rate of 2012)	Each	3,432.00		54,912.00
09.	16 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3½" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhole cover with frame of clear opening 1½"x1½" of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) Chapter-II of P.H. Engg. of 2012)	Each	14,748.00		235,968.00
10.	5 Nos	Providing and fixing European type white glazed earthen ware wash down WC pan complete with and including cost of white/black plastic seat (best quality) and lid with CP brass hinges and buffers, 3 gallons plastic flushing cistern with fitting and clamps ¾" dia and cutting and making requisite number of holes in wall plinth and floor for pipe connections and making good in cement concrete 1:2:4. (S.I. No.4 Page-2 Schedule of Rate of 2012)	Each	5,339.40		26,697.00
11.	10 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of ½" dia rubber plug and chrome plate brass chain 1-¼" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I.No.8+9 Page-9 Chapter-1 of Schedule of Rate of 2012)	Each	5,192.17		51,921.70

ATTESTED



(Engr: Zahid Ali Kolachi)

Project Engineer
Ghulam Muhammad Mahar Page-2
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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12. 11 Nos Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4.

(a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality).

(i) with 4 " dia C.I. trap.

Each 5,836.60

64,202.60

(S.I. No.3(a) Page-2 of Schedule of Rate of 2012)

TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs. 735,879.42

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

AUDITORIUM

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
<u>NON-SCHEDULE ITEMS:</u>						
01.		Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fittings (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	400 Rft	a) 17 mm dia (1/2" dia:)	Rft			
	250 Rft	b) 25 mm dia (1" dia:)	Rft			
	320 Rft	d) 50 mm dia (2" dia:)	Rft			
02.		Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	450 Rft	a) 75 mm dia (3" dia:)	Rft			
	375 Rft	b) 110 mm dia (4" dia:)	Rft			
03.	2 Nos	Providing and installing "Nesgas" or equivalent approved water heater / geyser of 20 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete.	Each			
04.	4 Nos	Providing and installation of 10 gallons water cooler with water supply and drainage connections, resting over angle iron brackets wall mounted at appropriate height with two nos 1/2" dia C.P. brass taps etc, complete. First class best locally made quality of MECO.	Each			

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Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs.

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

AUDITORIUM

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	259 Point	Wiring for light or fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		292,670.00
2.	21 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		1,512.00
3.	96 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 231-p33)	Point	3185.00		305,760.00
4.	10 Mtrs	Providing & laying (MAIN or SUB MAIN) PVC insulated and PVC seated with 3.5 core armoured copper conductor 600/1000 - watts size 185mm ² . (Schedule Item No. 95 -p11)	Per Mtr.	12018.00		120,180.00
5.	9 Point	Providing & fixing one way SP 5amp switch flush type. (Schedule Item No. 219 -p33)	Point	54.00		486.00
6.	55 Point	Providing & fixing two pin 5amp plug socket flush type. (Schedule Item No. 225 -p33)	Point	83.00		4,565.00

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 725,173.00

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Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

AUDITORIUM

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

1. Wiring with 2 x 2.5 sq. + 1 x 1.5 sq. mm S/C PVC Cable in 20 mm dia high impact PVC Conduit recessed in slab/wall, complete with all accessories:

101	23	Nos	Circuits for light/fan points			Each
102	2	Nos	Set of 10 Light points coontrolled through MCB/DB.			Each
103	5	Nos	Set of 7 Light points coontrolled through MCB/DB.			Each
104	6	Nos	Set of 7 Fan points coontrolled through MCB/DB.			Each
105	2	Nos	Set of 6 Light points coontrolled through MCB/DB.			Each
106	55	Nos	5 Amps socket outlet points.			Each
107	7	No	15 Amps socket outlet points.			Each

2. 3 No Wiring of split A/C with 2 x6sq. + 1 x 2.5 sq. mm S/C PVC Cable in 25 mm dia high impact PVC Conduit recessed in slab/wall, complete with all accessories: Each

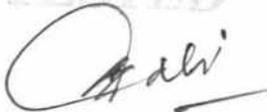
3. 2 Nos Providing, wiring and connecting of TV points with WISI make or equivalent 2x75 OHMS TV antenna coaxial cable RG6U single shielded having centre conductor of 1 sq.mm in 25 mm dia high impact PVC conduit recessed in floor/slab/wall. Each

B. SEC-B: SWITCH ACCESSORIES:

1. Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:

101	30	Nos	Double gang switch plate:			Each
102	5	Nos	Three gang switch plate:			Each
103	8	Nos	Four gang switch plate.			Each
104	7	Nos	15 Amps 3 pin switched socket outlet plate:			Each
105	2	Nos	TV Outlets Plates.			Each

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Engr. Zahid Ali Kolachi
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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C. **SEC-C: LIGHT FITTINGS & FIXTURES:**

1. Provide, fix, connect and commission light fixtures Philips make or equivalent with Philips components as approve, complete in all respects and ready for use.

101. 48 Nos Providing and fixing of recessed mounting Fluorescent light fixtures similar to Philips type TCS-240, complete with all Philips make components and warm white fluorescent lamps. Each

102. 32 Nos Providing and fixing of Fluorescent light fixtures, similar to Philips type GKD - 240, complete with all Philips make components and day light florescent lamp. Each

103. 30 Nos Providing and fixing of Fluorescent light fixtures, similar to Philips type GKD - 140, complete with all Philips make components and day light florescent lamp. Each

104. 85 Nos Providing and fixing of Ceiling Mounted recessed Downlighters PHILIPS make Smart Spark (14.5W LED), complete in all respect. Each

105. 20 Nos Providing and fixing of recessed Mounting Downlighters, complete in all respects including reflector and 1x18W white PLC lamps, in areas other than Auditorium. Each

106. 12 Nos Providing and fixing of Indoor Wall Bracket light fixture PHILIPS make, complete in all respects including 1x18W white PLC lamps, in Auditorium Area. Each

107. 10 Nos Providing and fixing of weather proof / watertight Outdoor Wall Bracket light fixture PHILIPS make, complete in all respects including 1x24W white PLC lamps. Each

108. 5 Nos Providing and fixing of adjustable and rotatable recessed mounting light fixtures similar to Philips type MBN 100, complete with 1x70 W CDM-T (1-C) lamp, complete in all respects. Each

2. 19 Nos Provide, install, connect and commission 18" Exhaust fan, complete in all respects.

Each **ATTESTED**

D. **SEC-D: FEEDERS**

1. 185 Mtrs Provide lay and connect feeder from Main DB 300mm² 3 1/2 core PVC/PVC SWA /PVC cable burried under ground, complete with all accessories.

P.Mtr (Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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2. 50 Mtrs Provide lay and connect sub-feeder from Main DB & DG Panel to LDB-1 & LDB-2 as shown on the drawing, 3 x 35 sq.mm + 2 x 16 sq.mm S/C PVC Cable in 50 mm dia high impact PVC Conduit recessed in slab/wall, complete with all accessories. P.Mtr

3. 20 Mtrs Provide lay and connect sub-feeder from Main DB to Water Pump with 3 x 6 sq.mm + 2 x 2.5 sq.mm S/C PVC Cable in 32 mm dia high impact PVC Conduit recessed in slab/wall/floor, complete with all accessories. P.Mtr

E. **SEC-E: SWITCH GEAR:**

1. Provide, install, connect and commission Main Distribution Board 1.5mm thick, sheet steel fabricated, flush type totally enclosed with hinged front cover suitable for 3 Phase, 4 wire, 50 Hz A/c system and equipped as under:

Incoming:

2 - 400 Amp, TP, 22 KA, MCCBs with Mechanical Interlock, :

6 - Phase indicating lamps:

1 - Voltmeter (0-500V), with Selector Switch

1 - Set of Busbars (3P + N + E)

1 - Set of cable glands for incoming & outgoing cables.

Outgoing:

1 - 250 Amps TP, 22 KA, MCCB

3 - 100 Amps TP, 15 KA, MCCB

1 Jobs 2 - 40 Amps TP, 15 KA, MCCB Each

2. Same as Item 1 above, but LDB-1

Incoming:

2-100 Amp, TP, 10 KA, MCCBs, with Mechanical Interlock, such that if one is "ON" the other is "OFF".

3 - Phase indicating lamps

Outgoing:

18 - 10 Amps SP, 5KA, MCBs

6 - 15 Amps SP, 5KA, MCBs

1 Jobs 3 - 30 Amps SP, 5KA, MCBs Each

3. Same as Item 1 above, but (LDB-2)

Incoming:

1 - 100 Amp, TP, 10 KA, MCCBs, with such that if one is "ON" the other is "OFF".

3- Phase indicating lamps

Outgoing:

24 - 10Amps SP, 5 KA, MCBs

3 - 15Amps SP, 5 KA, MCBs

1 Jobs 3-30 Amps SP, 5KA, MCBs Each

ATTESTED



(Engr. Ghulam Muhammad Bhat)
Project Engineer
Ghulam Muhammad Bhat
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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F. **SEC-F: TELEPHONE SYSTEM:**

- | | | | | | | |
|----|---------|--|------|--|--|--|
| 1. | 50 Mtrs | Provide and lay 5 pairs telephone cable from T&T to TJB, in 25mm dia "D" class PVC pipe recessed in slab/wall, complete with all accessories, for. | Mtr | | | |
| 2. | 1 Job | Provide and install 5 pairs telephone junction box, 1.5mm thick sheet steel fabricated with hinged door, having 2 x 5 pairs telephone tag blocks. | Job | | | |
| 3. | 5 Nos | Provide and wire telephone points with CAT-6 telephone cable in 20mm dia recessed pvc conduit, complete with accessories. | Each | | | |
| 4. | 5 Nos | Provide fix and connect telephone plate with outlets on 1.5mm thick sheet steel back box of appropriate dimensions, recessed in wall. | Each | | | |

G. **SEC-G: PUBLIC ADDRESS SYSTEM:**

- | | | | | | | |
|-----|--------|--|------|--|--|--|
| 1. | | Providing, laying and connecting of wiring of Public Address system comprising of following components using 2 core speaker cable with flexible jacket (WISI Germany make) in 20mm dia PVC conduit concealed in wall/above false ceiling, as shown in the drawing: | | | | |
| 101 | 12 Nos | Speaker points | Each | | | |
| 102 | 1 Nos | Mic points | Each | | | |
| 2. | | Providing, installation, connection, testing and commissioning of the following Sound system components: (TOA make or equivalent): | | | | |
| 201 | 12 Nos | False ceiling mounting 6 watt speaker, TOA make. | Each | | | |
| 202 | 1 No. | CD player | Each | | | |
| 203 | 1 No. | Paging Microphone with PTTN Lock | Each | | | |
| 3. | 1 No. | Providing, installation, connection, testing and commissioning of 220-watts Dual Channel Amplifier with 08 auxiliary input 03 microphone output accessories, (TOA make or equivalent) complete in all respects. | Each | | | |

H. **SEC: H: EARTHING:**

- | | | | | | | |
|----|-------|---|--|--|--|--|
| 1. | 2 Job | Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600mm x 6mm thick copper plate, buried 5 meters deep or to the depth of water table, whichever is less, fill with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover frame, complete in all respects as per drawings and specifications. | | | | |
|----|-------|---|--|--|--|--|

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Job Ghulam Muhammad Mahar
Medical College Sukku Page-4

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
2.	25	Mtrs Provide, lay and connect 2x3/0 SWG Copper Conductor in 2" dia UPVC Pipe from inspection chamber to the MDB, burried 2'-0" deep underground complete in all respects.	Mtr			
3.	15	Mtrs Provide, lay and connect 2x1/0 SWG Copper Conductor in 2" dia UPVC Pipe from inspection chamber to the A/C Panel & DG Set, burried 2'-0" deep underground complete in all respects.	Mtr			

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS) : _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahay
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF CENTRAL LIBRARY

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 19,469,149.02	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works):		= Rs. _____
2) PLUMBING WORKS	Rs. 362,812.90	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works):		= Rs. _____
3) ELECTRICAL WORKS	Rs. 515,035.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works):		= Rs. _____

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Total Rs. _____



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF CENTRAL LIBRARY

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
<u>SCHEDULE ITEMS:</u>						
01.	50,625 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%Cft	3,176.25		160,797.66
02.	2,305 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		217,045.25
03.	11,160 Cft	Random, rubble masonry (uncoursed). (S.I. No.1(a) chapter 6 of Schedule of Rates 2012)	%Cft	13,051.50		1,456,547.40
04.	4,465 Sft	Sand grouting in stone apron with high pressure house. (S.I. No.13 chapter 6 of Schedule of Rates 2012)	%Sft	1,772.38		79,136.77
05.	5,450 Cft	Borrow pit excavated earth. (lead upto 8 miles). (S.I. No.3(a) chapter 1 of Schedule of Rates 2012)	%Cft	2,117.50		11,540.38
06.	5,450 Cft	Extra 8 miles lead. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	837.08		45,620.86
07.	5,450 Cft	Dressing and levelling. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	187.55		10,221.48
08.	1,170 Cft 190 Cft	Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering): (i) Ratio 1:4:8 (Under Floor) (ii) Ratio 1:3:6 (S.I. No.5(h) and 5(i) Page-16 chapter 4 of Schedule of Rates 2012)	%Cft %Cft	11,288.75 12,595.00		132,078.38 23,930.50
09.	755 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b)(ii) chapter 4 of Schedule of Rates 2012)	%Sft	3,127.41		23,611.95
10.	500 Cft	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. (S.I. No.21 chapter 1 of Schedule of Rates 2012)	%Cft	1,512.50		756.25



(Engr. Zahir Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
11.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural mambers laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	13,115 Cft	a) Ground Floor	Cft	337.00		4,419,755.00
	5,378 Cft	b) First Floor (S.I. No.6(a)(i) chapter 4 of Schedule of Rates 2012)	Cft	337.00		1,812,234.35
12.	3,080 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		85,038.49
13.	281 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		10,995.11
14.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints:				
	1,780 Cft	a) Ground Floor	%Cft	12,674.36		225,603.61
	1,275 Cft	b) First Floor (S.I. No.5(i)(e)+6 chapter 5 Page-21 & 22 of Schedule of Rates 2012).	%Cft	13,112.99		167,150.62
15.	5,450 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		62,198.13
	1,170 Cft	Dry rammed brick or stone ballast 1½" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		38,931.75
16.		Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints:				
	3,145 Sft	a) Ground Floor	Sft	567.48		1,784,724.60
	2,910 Sft	b) First Floor (S.I. No.28(a) +18 chapter 8 P-43 of Schedule of Rates 2012)	Sft	569.74		1,657,943.40

ATTESTED


(Engr. Ghulam Muhammad Mahar)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
17.		Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, current finishing, cleaning and polishing etc. complete.				
	260 Sft	a) Ground Floor	Sft	186.04		48,370.40
	150 Sft	b) First Floor	Sft	186.04		27,906.00
		(S.I. No:68(a), Chapter-8 of Schedule of Rates 2012)				
18.		Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete.				
	100 Sft	a) Ground Floor	%Sft	27,678.86		27,678.86
	285 Sft	a) First Floor	%Sft	27,905.79		79,531.50
		(S.I. No.24 +18 chapter 8 of Schedule of Rates 2012)				
19.		Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.				
	100 Sft	a)Ground Floor	%Sft	28,299.30		28,299.30
	1,250 Sft	a)First Floor	%Sft	28,299.30		353,741.25
		(S.I. No.38 chapter 8 of Schedule of Rates 2012)				
20.		Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels.				
	3,850 Sft	(a) Over Roof Top	%Sft	3,502.38		134,841.63
		(S.I. No.16(c) + 18 chapter 8 of Schedule of Rates 2012)				
21.		Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge:				
	3,535 Sft	(a) Under Floor	Sft	10.70		37,824.50
		(S.I. No.38 chapter 7 of Schedule of Rates 2012)				
22.		Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft:				
	3,850 Sft	(a) Over Roof Top	%Sft	1,887.40		72,664.90
		(S.I. No.13 chapter 7 of Schedule of Rates 2012)				
23.		Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal).				
	5,530 Sft	a) Ground Floor	%Sft	2,122.72		117,386.42
	6,015 Sft	a) First Floor	%Sft	2,122.72		127,681.61
		(S.I. No.13(a) chapter 9 of Schedule of Rates 2012)				
24.		Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal).				
	5,530 Sft	a) Ground Floor	%Sft	2,197.52		121,522.86
	6,015 Sft	a) First Floor	%Sft	2,197.52		132,180.83
		(S.I. No.11(a) chapter 9 of Schedule of Rates 2012)				

Signature

Engr. Zohra Ali Khatun
Project Engineer
Ghulam Muhtamad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
33.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	1,030 Sft	a) Ground Floor	%Sft	2,567.95		26,449.89
	1,100 Sft	b) First Floor	%Sft	2,796.04		30,756.44
		(S.I. No.38(A&B) + 42 chapter 9 of Schedule of Rates				
34.	3,847 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area).	Sft	9.74		37,469.78
		(S.I. No.92 chapter 18 of Schedule of Rates 2012)				
35.		Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats with 1st coat of red oxide paint etc.				
	270 Sft	a) Ground Floor	Sft	194.16		52,423.20
	391 Sft	b) First Floor	Sft	194.16		75,916.56
		(S.I.No:30 Chapter-17 of Schedule of Rate of 2012).				
36.	270 Sft	Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges).	%Sft	1,270.83		3,431.24
	395 Sft	a) Ground Floor				
		b) First Floor	%Sft	1,270.83		5,019.78
		(S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)				
37.	2,137 Bags	Difference of cost of S.R. cement and Portland cement.	Bag	40.00		85,480.00
		(S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)				
38.	110 Sft	Providing and fixing iron collapsible gate with channel framing of section 3/4" x 5/16" at 4" I/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T- section 1" x 1" 1/8" along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed.	Sft	387.04		42,574.40
		(S.I.No:32 Chapter-17 of Schedule of Rate of 2012).				

ATTESTED



(Engr: Zaid Ali (Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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39. Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.

110	Sft	a) Ground Floor	%Sft	47,651.56		52,416.72
165	Sft	b) First Floor	%Sft	47,651.56		78,625.07

(S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)

40. First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1-3/4" thick.

245	Sft	a) Ground Floor	Sft	1,273.76		312,071.20
145	Sft	b) Ground Floor	Sft	1,273.76		184,695.20

(S.I. No.7(b) chapter 10 of Schedule of Rates 2012)

41. First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete:

75	Sft	a)First Floor	Sft	562.98		42,223.50
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(S.I.No:14(a),Chapter-10 of Schedule of Rate of 2012).

42. Providing and fixing approved quality mortice lock. (S.I.No.21, chapter 10 of Schedule of Rates 2012)

10	Nos	a) Ground Floor	Each	1,786.13		17,861.30
6	Nos	b) First Floor	Each	1,786.13		10,716.78

43. Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2- 1/2 inches as directed by Engineer Incharge:

350	Rft	a) Ground Floor	Rft	49.97		17,489.50
525	Rft	b) First Floor	Rft	49.97		26,234.25

(S.I.No:60,Chapter-10 of Schedule of Rate of 2012).

ATTESTED TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs.

19,469,149.02



(Engr: Zahid Ali Koiachi,
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Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF CENTRAL LIBRARY

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS

01.		Providing and laying Gutta brick facing 2 1/4"x9"x2 1/4" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).				
	1,030 Sft	a) Ground Floor	Sft			
	4,730 Sft	b) First Floor	Sft			
02.	440 Sft	Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).				
	225 Sft	a) Ground Floor	Sft			
	215 Sft	b) First Floor	Sft			
03.		Providing and fixing granite strip 5'x1'x3/4" thick fixed over stair steps of required width, set in cement sand mortar 1:2 in grey cement 3/4" thick including washing and filling and grouting the joints with neat white cement slurry using colour pigment for matching including gridding, rubbing, polishing and curing etc. complete as per specification and as directed by the Engineer Incharge.				
	140 Sft	a) Ground Floor	Sft			
	70 Sft	b) First Floor	Sft			

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
04.	110 Rft	Providing and fixing stainless nickle coated stair case railing of 3'1/2" consisting of horizontal 2-1/2" x 2-1/2" @ bottom and 1-1/2" x 1-1/2" vertical tube 12" c/c and 3" steel tube with round ball as per directions of Engineer Incharge.	Rft			
05.	315 Sft	Providing and applying 3/4" thick internal cement plaster ratio 1:4 with Pudlo @ 5 lbs per bag of cement etc. complete. (for Overhead Tanks).	Sft			
06.		Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hanġers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	100 Rft	a) 110 mm dia (4" dia for Rain water).	Rft			
07.	2 Nos	Providing and fixing manhole cover with frame 2'x2' including cutting, chiseling, finishing and curing all labour and materials etc. complete.	Each			

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) : Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF CENTRAL LIBRARY

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2(c) & (d) Chapter-10 of Schedule of Rate of 2012)				
	200 Rft	a) RCC Pipe 9"dia	Rft	250.60		50,120.00
	100 Rft	b) RCC Pipe 12"dia	Rft	401.97		40,197.00
	100 Rft	c) RCC Pipe 15"dia	Rft	510.11		51,011.00
02.	2 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		2,386.34
03.	6 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		3,058.44
04.	4 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chrome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		4,285.60
05.	8 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) P-46 Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		117,984.00

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.	2 Nos	Providing and fixing European type white glazed earthen ware wash down WC pan complete with and including cost of white/black plastic seat (best quality) and lid with CP brass hinges and buffers, 3 gallons plastic flushing cistern with fitting and clamps 3/4" dia and cutting and making requisite number of holes in wall plinth and floor for pipe connections and making good in cement concrete 1:2:4. (S.I. No.4 Page-2)	Each	5,339.40		10,678.80
07.	4 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug and chrome plate brass chain 1-1/4" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I.No.8+9 Page-9 Chapter-1 of Schedule of Rate of 2012)	Each	5,192.17		20,768.68
08.	4 Nos	Providing and fixing in position nylon connection complete with 1/2" dia brass stop cock, with pair of brass nuts and lining joints to nylon connection. (S.I. No.23 Page-6)	Each	447.15		1,788.60
09.	6 Nos	Supplying and fixing in position 1/2" dia CP bib cock, standard pattern. (S.I. No.2(i)(b) Page-16)	Each	150.92		905.52
10.	4 Nos	Supplying and fixing Swan type pillar cock of superior quality single C.P head 1/2" dia. (S.I. No.16 Page-19)	Each	795.30		3,181.20
11.	2 Nos	Supplying and fixing CP muslim shower with double bib cock and ring pipe etc. complete. (S.I. No.19-a Page-19)	Each	3,432.00		6,864.00
12.	10 Nos	Supplying and fixing concealed tee-stop cock of superior quality with CP head 1/2" dia. (S.I. No.12-a Page-18)	Each	843.92		8,439.20
13.	2 Nos	Providing and fixing 24"x18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern). (S.I. No.3-a Page-7)	Each	1,711.60		3,423.20

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sialkot
Page-2

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
14.	2 Nos	Providing and fixing chrome plated brass 30" long towel rail. 3/4" dia. Round or square (Standard Pattern). (S.I. No.1(ii)(a) Page-7)	Each	1,082.95		2,165.90
15.	2 Nos	Supplying and fixing 3/4" dia handle valve (China). (S.I. No.4(b)(ii) Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	227.92		455.84
16.	2 Nos	Supplying and fixing 1-1/2" dia handle valve (China). (S.I. No.5(v) Page-17)	Each	970.92		1,941.84
17.	2 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4-1/2" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qr) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20)	Each	4,905.67		9,811.34
18.	4 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (i) with 4 " dia C.I. trap. (S.I. No.3(a) Page-2)	Each	5,836.60		23,346.40
TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs.						<u>362,812.90</u>

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF CENTRAL LIBRARY

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 1 No. Providing and installation of 10 gallons water cooler with water supply and drainage connections, resting over angle iron brackets wall mounted at appropriate height with two nos 1/2" dia C.P. brass taps etc, complete. First class best locally made quality of MECO. Each

02. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.

80 Rft	a) 20 mm dia (3/4" dia)	Rft
50 Rft	b) 40 mm (1-1/2" dia)	Rft
100 Rft	c) 50 mm (2" dia)	Rft

03. Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowls, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:

40 Rft	a) 75 mm dia (3" dia:)	Rft
50 Rft	b) 110 mm dia (4" dia:)	Rft

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF CENTRAL LIBRARY

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEM:

1.	222	Point Wiring for light or fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		250,860.00
2.	36	Point Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No. 126-p15)	Point	985.00		35,460.00
3.	6	Point Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		432.00
4.	29	Point Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 235-p33)	Point	3185.00		92,365.00
5.	40	Point Provide and fixing brass ceiling fan 48" (Schedule Item No. 234 -p33)	Point	3020.00		120,800.00
6.	10	Mtrs Providing & laying (MAIN or SUB MAIN) PVC insulated with size 4-7/.064 (16mm ²) copper conductor in 1-1/2" dia PVC conduit on surface. (Schedule Item No. 42 -p6)	Per Mtr.	1213.00		12,130.00
7.	36	Point Providing & fixing two pin.5amp plug socket flush type. (Schedule Item No. 225 -p33)	Point	83.00		2,988.00

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 515,035.00

ATTESTED

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF CENTRAL LIBRARY

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON SCHEDULE ITEMS:

SEC-A: WIRING INSTALLATIONS:

Provide, wire and connect 2 x 2.5mm² + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:

21 Nos Circuits for light/fan points Each

Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions surface on walls:

7 Nos One gang switch plate. Each

25 Nos Two gang switch plate. Each

70 Nos Solid state fan dimmer with "ON-OFF" control. Each

SEC: B: LIGHT FITTINGS & FIXTURES:

Provide, fix, connect and commission light fixtures Philips make or equivalent with Philips components as approve, complete in all respects and ready for use:

72 Nos Philips Type TFD-240 or equivalent complete with 2x40 W fluorescent lamps. Each

112 Nos Philips Type GKD-240 or equivalent complete with 2x40 W fluorescent lamps. Each

2 Nos TMS-140 Each

23 Nos Light fixture ceiling mounted with 1x24W PLCE lamp. Each

Provide, install, connect and commission Exhaust fan, complete in all respects:

6 Nos 12" dia exhaust fan. Each

SEC: C: FEEDERS:

40 Mtrs Provide lay and connect feeder from Main Source to Main DB, 3x35mm² + 2x16mm² 3 1/2 core PVC/PVC cable in 50mm dia high impact PVC conduit, complete with all accessories. Mtr

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SEC: D: DISTRIBUTION BOARDS:

1. Provide, install, connect and commission MAIN DB-G, 1.5mm thick sheet steel fabricated, flush type totally enclosed with hinged front cover suitable for 3 Phase, 4 wire, 50 Hz A/c system and equipped as under:

Incoming:

1 - 60 Amp, TP, 15 KA, MCCB:

3 - Phase indicating lamps:

1 - Set of Bus bars

Outgoing:

12 - 10 Amps SP, 7.5 KA, MCBs

3 - 15 Amps SP, 7.5 KA, MCBs

1 Job 6 - 30 Amps SP, 7.5 KA, MCBs Each

2. Provide, install, connect and commission DB-F, 1.5mm thick sheet steel fabricated, flush type totally enclosed with hinged front cover suitable for 3 Phase, 4 wire, 50 Hz A/c system and equipped as under:

Incoming:

1 - 50 Amp, TP, 15 KA, MCCB:

3 - Phase indicating lamps:

1 - Set of Bus bars

Outgoing:

9 - 10 Amps SP, 7.5 KA, MCBs

3 - 15 Amps SP, 7.5 KA, MCBs

1 Job 3 - 30 Amps SP, 7.5 KA, MCBs Each

SEC: E: EARTHING:

1. 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, buried 5 meters deep or to the depth of water table, whichever is less, fill with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications.

Each

2. 10 Mtrs Provide, lay and connect 2x8/o SWG copper conductors in 32mm dia G.I. Pipe from earth plate to DB.

Mtr

SEC: F: TELEPHONE SYSTEM:

01. 50 Mtrs Provide, lay and connect 5 pairs telephone cable, laid in 25mm dia D CLASS PVC conduit recessed underground, complete with all accessories.

Mtr

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(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
02.	1	Job Provide and install 5 pairs telephone junction box, 1.5mm thick sheet steel fabricated with hinged door, having 2 x 5 pairs telephone tag blocks.	Job			
03.	9	Nos Provide, wire and connect telephone points wired with 2 pairs telephone cable in 20mm dia high impact PVC conduit recessed in floor/wall, complete with all accessories.	Each			
03.	9	Nos Provide, fix and connect telephone outlet points with jack plug fixed on 1.5mm thick sheet steel back box, recessed in wall.	Each			

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS): Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maher
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MOSQUE

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 10,519,330.82	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 287,692.10	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 146,955.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
		Total Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MOSQUE

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.	19,925 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%Cft	3,176.25		63,286.78
02.	7,210 Cft	Random, rubble masonry uncoursed dry rammed. (S.I. No.1(a) chapter 6 of Schedule of Rates 2012)	%Cft	13,051.50		941,013.15
03.	2,885 Sft	Sand grouting in stone, approve with high pressure house. (S.I. No.13 chapter 6 of Schedule of Rates 2012)	%Sft	1,772.38		51,133.16
04.	3,040 Cft	Borrow pit excavated earth. (lead upto 8 miles). (S.I. No.3(a) chapter 1 of Schedule of Rates 2012)	%Cft	2,117.50		6,437.20
05.	3,040 Cft	Extra 8 miles lead. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	837.08		25,447.23
06.	3,040 Cft	Dressing and levelling. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	187.55		5,701.52
07.	20325 Cft	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. (S.I. No.21 chapter 1 of Schedule of Rates 2012)	%Cft	1,512.50		30,741.56
08.	2,000 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		188,325.60
09.	1,875 Cft 860 Cft	Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering): (i) Ratio 1:3:6 (ii) Ratio 1:4:8 (Under Floor) (S.I. No.5(h) and 5(i) chapter 4 of Schedule of Rates 2012)	%Cft %Cft	12,595.00 11,288.75		236,156.25 97,083.25
10.	4,875 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b)(ii) chapter 4 of Schedule of Rates 2012)	%Sft	3,127.41		152,461.24

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(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
11.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	8,010 Cft	a) Ground Floor	Cft	337.00		2,699,370.00
	300 Cft	b) Above Ground Floor	Cft	337.00		101,100.00
		(S.I. No.6(a)(i) chapter 4 of Schedule of Rates 2012)				
12.	285 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		11,151.62
13.	6,390 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		176,427.26
14.	70 Cft	Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints: a) Foundation. (S.I. No.5(i)(e) chapter 5 of Schedule of Rates 2012)	%Cft	11,948.36		8,363.85
15.	1,400 Cft	Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints: a) Ground Floor	%Cft	12,674.36		177,441.04
	675 Cft	b) Above Ground Floor (S.I. No.5(i)(e)+6 chapter 5 Page-21 & 22 of Schedule of Rates 2012).	%Cft	13,112.99		88,512.68
16.	3,040 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		34,694.00
17.	1,300 Cft	Dry rammed brick or stone ballast 1½" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		43,257.50
18.	2320 Sft	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and pilishing of tje joints. (S.I.No.28(a) chapter-8 Page-43 of Schedule of Rates 2012).	Sft	567.48		1,316,553.60

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College S-1, 316, 553.60

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
19.	830 Sft	Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, current finishing, cleaning and polishing etc. complete. a) Ground Floor (S.I. No:68(a), Chapter-8 of Schedule of Rates 2012)	Sft	186.04		154,413.20
20.	300 Sft	Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. a) Ground Floor (S.I. No.24 chapter 8 of Schedule of Rates 2012)	%Sft	27,678.86		83,036.58
21.	680 Cft	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing. a) Ground Floor (S.I. No.38 chapter 8 of Schedule of Rates 2012)	%Sft	28,299.30		192,435.24
22.	2,360 Sft	Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels. (a) Over Roof Top (S.I. No.16(c) & 18 chapter 8 of Schedule of Rates 2012)	%Sft	3,502.38		82,656.17
23.	2,600 Sft	Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge: (a) Under Floor (S.I. No.38 chapter 7 of Schedule of Rates 2012)	Sft	10.70		27,820.00
24.	2,360 Sft	Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft: (a) Over Roof Top (S.I. No.13 chapter 7 of Schedule of Rates 2012)	%Sft	1,887.40		44,542.64
25.	2,310 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal). a) Ground Floor (S.I. No.13(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,122.72		49,034.83
26.	2,310 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal). a) Ground Floor (S.I. No.11(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,197.52		50,762.71
27.	3,250 Sft 1,400 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat External). a) Ground Floor b) Above Ground Floor (S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft %Sft	2,122.72 2,262.72		68,988.40 31,678.08

ATTESTED

Zahid Ali Kofachi

(Engr: Zahid Ali Kofachi)

Project Engineer

Group: Muhammad Mahu
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
28.	500 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External). a) Ground Floor	%Sft	2,197.52		10,987.60
	750 Sft	b) Above Ground Floor (S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft	2,337.52		17,531.40
29.	4 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6". (S.I. No.18 chapter 7 of Schedule of Rates 2012)	Each	358.68		1,434.72
30.	4 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4"x2"x4'1/2", 3" cement concrete (1:4:8). (S.I. No.19 chapter 7 of Schedule of Rates 2012)	Each	649.83		2,599.32
31.	341 Cwt	Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars). a) Ground Floor	Cwt	5,001.70		1,705,579.70
	15 Cwt	b) Above Ground Floor (S.I. No.8(b) 1 & 29 chapter 4 of Schedule of Rates 2012)	Cwt	5,001.70		75,025.50
32.	580 Sft	Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges). a) Ground Floor (S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)	%Sft	2,116.41		12,275.18
33.	2,310 Sft	Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall). a) Ground Floor (S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)	%Sft	2,237.95		51,696.65
34.	2,600 Sft	Distempering (3 coats) (on ceiling): a) Ground Floor (S.I. No.24(c) chapter 9 of Schedule of Rates 2012)	%Sft	1,079.65		28,070.90
35.	500 Sft	Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats). a) Ground Floor	%Sft	2,567.95		12,839.75
	700 Sft	b) Above Ground Floor (S.I. No.38(A&B) chapter 9 of Schedule of Rates 2012)	%Sft	2,567.95		17,975.65

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(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
36.	2,885 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area). (S.I. No.92 chapter 18 of Schedule of Rates 2012)	Sft	9.74		28,099.90
37.	510 Sft	Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats with 1st coat of red oxide paint etc. a) Ground Floor (S.I.No:30 Chapter-17 of Schedule of Rate of 2012).	Sft	194.16		99,021.60
38.	850 Sft	Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges). (S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)	%Sft	1,270.83		10,802.06
39.	1,530 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		61,200.00
40.	500 Sft	Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)	%Sft	47,651.56		238,257.80
41.	515 Sft	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (S.I. No.11 chapter 4 of Schedule of Rates 2012)	Sft	226.02		116,400.30
42.	535 Sft	First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1-3/4" thick. a) Ground Floor (S.I. No.7(b) chapter 10 of Schedule of Rates 2012)	Sft	1,273.76		681,461.60
43.	20 Nos	Providing and fixing approved quality mortice lock. (S.I.No.21, chapter 10 of Schedule of Rates 2012)	Each	1,786.13		35,722.60

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Engr: Zahid Ali Kalochi
Project Engineer
Ghulam Muhammed Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
44.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete:				
	65 Sft	a) Ground Floor (S.I.No:14 (b),Chapter-10 of Schedule of Rate of 2012).	Sft	562.98		36,593.70
45.		Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2- 1/2 inches as directed by Engineer Incharge:				
	715 Rft	a) Ground Floor (S.I.No:60 (b),Chapter-10 of Schedule of Rate of 2012).	Rft	49.97		35,728.55

TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs. 10,519,330.82

ATTESTED

Zahid

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghuilam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MOSQUE

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 3,685 Sft Providing and laying Guttca brick facing 21/4"x9"x2¼" size of approved design set in cement sand mortar 1:3 including filling the jofnts with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height). Sft
02. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilliing etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.
- 100 Rft a) 110 mm dia (4" dia for Rain water). Rft
03. 460 Sft Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height). Sft

ATTESTED



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Project Engineer
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GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MOSQUE

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2(c) & (d) Chapter-10 of Schedule of Rate of 2012)				
	150 Rft	a) RCC Pipe 9"dia	Rft	250.60		37,590.00
	100 Rft	b) RCC Pipe 12"dia	Rft	401.97		40,197.00
	100 Rft	c) RCC Pipe 15"dia	Rft	510.11		51,011.00
02.	2 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		2,386.34
03.	6 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		3,058.44
04.	4 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		4,285.60
05.	5 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		73,740.00

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(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical Collogo Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.	2 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug and chrome plate brass chain 1-1/4" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I.No.8+9 Page-9 Chapter-1 of Schedule of Rate of 2012)	Each	5,192.17		10,384.34
07.	22 Nos	Supplying and fixing in position 1/2" dia CP bib cock, standard pattern. (S.I. No.2(i)(b) Page-16 of Schedule of Rate of 2012)	Each	150.92		3,320.24
08.	2 Nos	Supplying and fixing Swan type pillar cock of superior quality single C.P head 1/2" dia. (S.I. No.16 Page-19 of Schedule of Rate of 2012)	Each	795.30		1,590.60
09.	8 Nos	Supplying and fixing concealed tee-stop cock of superior quality with CP head 1/2" dia. (S.I. No.12-a Page-18 of Schedule of Rate of 2012)	Each	843.92		6,751.36
10.	2 Nos	Providing and fixing 24"x18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern). (S.I. No.3-a Page-7 of Schedule of Rate of 2012)	Each	1,711.60		3,423.20
11.	2 Nos	Providing and fixing chrome plated brass 30" long towel rail. 3/4" dia. Round or square (Standard Pattern). (S.I. No.1(ii)(a) Page-7 of Schedule of Rate of 2012)	Each	1,082.95		2,165.90
12.	2 Nos	Supplying and fixing 1/2" dia handle valve. (S.I. No.4(b)(i), Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	161.92		323.84
13.	2 Nos	Supplying and fixing 3/4" dia handle valve. (S.I. No.4(b)(ii), Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	227.92		455.84
14.	2 Nos	Supplying and fixing 1" dia handle valve. (S.I. No.4(b)(iii) Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	271.92		543.84
15.	2 Nos	Supplying and fixing 1-1/2" dia handle valve. (S.I. No.4(v) Page-17 of Shedule of Rate of 2012)	Each	970.92		1,941.84

TESTED

(Signature)

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maher
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
16.	2 Nos	Supplying and fixing 2" dia handle valve. (S.I. No.4(vi) Page-17 of Shedule of Rate of 2012)	Each	1,025.42		2,050.84
17.	4 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4-1/2" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qr) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20 of Schedule of Rate of 2012)	Each	4,905.67		19,622.68
18.	3 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (i) with 4 " dia C.I. trap. (S.I. No.3(a) Page-2 of Schedule of Rate of 2012)	Each	5,836.60		17,509.80
19.	1 No.	Providing, and fixing European type white glazed earthen ware wash down WC pan complete with and including cost of white/black plastic seat (best quality) and lid with CP brass hingels and buffers, 3 gallons plastic flushing cisteren with fitting and clamps 3/4" dia and cutting and making requisite number of holes in walls plinth and floor for pipe connection and making good in cement concrete 1:2:4. (S.I. No.4 Page-2 Chapter-1 of Schedule of Rate of 2012)	Each	5,339.40		5,339.40

TOTAL SCHEDULE ITEMS (PLUMBING WORKS): Rs. 287,692.10

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MOSQUE

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 1 No. Providing and installation of 10 gallons water cooler with water supply and drainage connections, resting over angle iron brackets wall mounted at appropriate height with two nos 1/2" dia C.P. brass taps etc, complete. First class best locally made quality of MECO. Each
02. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADÉX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge:
- 40 Rft a) 17 mm (1/2" dia) Rft
100 Rft b) 20 mm dia (3/4" dia) Rft
40 Rft c) 25 mm (1" dia) Rft
20 Rft d) 40 mm (1-1/2" dia) Rft
100 Rft e) 50 mm (2" dia) Rft
03. Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowels, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:
- 70 Rft a) 75 mm dia (3" dia:) Rft
30 Rft b) 110 mm dia (4" dia:) Rft

TESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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04. 1 No. Providing and installing "Nesgas" or equivalent approved water heater / geyser of 20 gallons capacity together with making outlet and inlet water connection and other connections with safety valves etc; complete. Each

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS): Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
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GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MOSQUE

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	69	Point Wiring for light or fan point with (3/.029") PVC insulated wire in 20mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1,130.00		77,970.00
2.	13	Point Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No. 126-p15)	Point	985.00		12,805.00
3.	1	Point Wiring for Call Bell point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No. 128-p15)	Point	1,764.00		1,764.00
4.	48	Point Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		3,456.00
5.	16	Point Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 235-p34)	Point	3,185.00		50,960.00

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 146,955.00

TESTED



**(Engr. Zahid Ali Kolachi)
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GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MOSQUE

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

1		Wiring for sub-main with 2x 2.5 mm ² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20 mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5 mm ² PVC insulated wire single core wire as ECC as required.				
101	9	Nos Circuits for light/fan points	Each			
102	13	Nos 10 Amp socket outlet point	Each			
2		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:				
201	2	Nos Double gang switch plate:	Each			
202	5	Nos Four gang switch plate.	Each			
203	1	No Five gang switch plate.	Each			
204	16	Nos Solid state fan dimmer with "ON-OFF" control.	Each			
205	3	Nos Speaker point	Each			

B. SEC: B: LIGHT FITTINGS & FIXTURES:

1.		Provide, fix, connect and commission light fixtures Philips make or equivalent with Philips components as approve, complete in all respects and ready for use.				
101.	3	Nos Philips Type TMS-140 or equivalent complete with 1x40 W fluorescent lamps.	Each			
102.	1	Nos Wall Bracket light for indoor with 1x24W PLCE lamp.	Each			
103.	9	Nos Wall Bracket light fixture for outdoor use with 1x24W PLCE lamp.	Each			

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S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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02. Provide, install, connect and commission Exhaust fan, complete in all respects.

201. 1 No. 18" Dia exhaust fan. Each

SEC C: SOUND SYSTEM:

01. Providing, laying and connecting of wiring of sound system comprising of following components using 2 core speaker cable with flexible jacket (WISI Germany make) in 20mm dia PVC conduit concealed in wall/above false ceiling, as shown in the drawing, complete with all accessories.

02. 1 No. Providing, installation, connection, testing and commissioning of 100-watts Dual Channel Amplifier with (TOA make or equivalent) complete in all respects. Each

03. 2 Nos 20 Watt speaker TOA make mounted the minarate. Each

04. 24 Nos False ceiling mounting 12 watt speaker, TOA make. Each

05. 1 No. Microphone point Each

06. 3 Nos Speaker points Each

D. SEC: D: FEEDER:

1. 40 Mtrs Provide lay and connect feeder from Main Sources to Main DB 3x16mm sq + 2x10mm sq S/C PVC Cable in 38mm DIA CONDUIT From Nearst source. Mtr

E. SEC: E: EARTHING:

1 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, burried 5 meters deep or to the depth of water table, whichever is less, fill with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.L cover with frame, complete in all respects as per drawings and specifications. Job

2 30 Mtrs Provide, lay and connect 2x8/o SWG copper conductors in 32mm dia G.I. Pipe from earth plate to DB. Mtr

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S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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F.

SEC: F: DISTRIBUTION BOARD

Provide, install, connect and commission DB, 1.5mm thick sheet steel fabricated, flush type totally enclosed with hinged front cover suitable for 3 Phase, 4 wire, 50 Hz A/c system and equipped as under:

Incoming:

1 - 40 Amp, TP, 15 KA, MCCB:
3 - Phase indicating lamps:
1 - Set of Bus bars

Outgoing:

1	Job	6 - 10 Amps SP, 10 KA, MCBs	Job
		3 - 15 Amps SP, 10 KA, MCBs	

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS) :

Rs. _____

ATTESTED



(Engr: Zahid Ali Kolachi)
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GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF WORKSHOP

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 20,784,459.60	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 428,378.85	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 272,275.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
		Total Rs. _____

ATTESTED



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GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF WORKSHOP

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.	39,800 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%0Cft	3,176.25		126,414.75
02.	19,900 Cft	Random, rubble masonry uncoursed dry rammed. (S.I. No.1(a) chapter 6 of Schedule of Rates 2012)	%Cft	13,051.50		2,597,248.50
03.	7,960 Sft	Sand grouting in stone, approve with high pressure house. (S.I. No.13 chapter 6 of Schedule of Rates 2012)	%Sft	1,772.38		141,081.45
04.	6,225 Cft	Borrow pit excavated earth. (lead upto 8 miles). (S.I. No.3(a) chapter 1 of Schedule of Rates 2012)	%0Cft	2,117.50		13,181.44
05.	6,225 Cft	Extra 8 miles lead. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	837.08		52,108.23
06.	6,225 Cft	Dressing and levelling. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	187.55		11,674.99
07.	1000 Cft	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. (S.I. No.21 chapter 1 of Schedule of Rates 2012)	%0Cft	1,512.50		1,512.50
08.	3,980 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		374,767.94
09.	4,535 Cft	Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering): (i) Ratio 1:3:6	%Cft	12,595.00		571,183.25
	1,755 Cft	(ii) Ratio 1:4:8 (Under Floor) (S.I. No.5(h) and 5(i) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		198,117.56
10.	8,750 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b)(ii) chapter 4 of Schedule of Rates 2012)	%Sft	3,127.41		273,648.38

ATTESTED


(Engr. Zahid Ali Kofachi)
Project Engineer
Ghulam Muhammad
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
11.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (b) RCC work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	18,900 Cft	a) Ground Floor	Cft	337.00		6,369,300.00
	70 Cft	b) Above Ground Floor	Cft	337.00		23,590.00
		(S.I. No.6(a)(i) & (d) chapter 4 of Schedule of Rates 2012)				
12.	920 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		35,998.22
13.	8,215 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		226,815.33
14.		Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints.				
	6,890 Cft	a) Ground Floor	%Cft	12,674.36		873,263.40
	710 Cft	b) Above Ground Floor	%Cft	13,112.99		93,102.23
	7,600	(S.I. No.5(i)(e)+6 chapter 5 Page-21 & 22 of Schedule of Rates 2012).				
15.	6,225 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		71,042.81
16.	2,660 Cft	Dry rammed brick or stone ballast 1 1/2" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		88,511.50
17.		Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints:				
	1,475 Sft	a) Ground Floor (S.I. No.28(a) chapter 8 P-43 of Schedule of Rates 2012)	Sft	567.48		837,033.00
18.		Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" /6" x 4" in dado skirting and facing removal /tucking-of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry , current finishing, cleaning and ploishing etc. complete.				
	200 Sft	a) Ground Floor (S.I. No:68(a), Chapter-8 of Schedule of Rates 2012)	Sft	186.04		37,208.00

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
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Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
19.	240 Sft	Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. a) Ground Floor (S.I. No.24 chapter 8 of Schedule of Rates 2012)	%Sft	27,678.86		66,429.26
20.	1,075 Cft	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing. a) Ground Floor (S.I. No.38 chapter 8 of Schedule of Rates 2012)	%Sft	28,299.30		304,217.48
21.	6,025 Sft 3,765 Sft	Providing & laying C.C. topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels: (a) 2" thick (over roof). (b) 3" thick (floor). (S.I. No.16(c) & (d) chapter 8 of Schedule of Rates 2012)	%Sft %Sft	3,275.50 4,411.82		197,348.88 166,105.02
22.	5,461 Sft	Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge: (a) Under Floor (S.I. No.38 chapter 7 of Schedule of Rates 2012)	Sft	10.70		58,432.70
23.	6,025 Sft	Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft: a) Over Roof Top (S.I. No.13 chapter 7 of Schedule of Rates 2012)	%Sft	1,887.40		113,715.85
24.	8,825 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal). a) Ground Floor (S.I. No.13(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,122.72		187,330.04
25.	8,825 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal). a) Ground Floor (S.I. No.11(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,197.52		193,931.14
26.	6,780 Sft 2,235 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat External). a) Ground Floor b) Above Ground Floor (S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft %Sft	2,122.72 2,262.72		143,920.42 50,571.79
27.	5,115 Sft 1,950 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External). a) Ground Floor b) Above Ground Floor (S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft %Sft	2,197.52 2,337.52		112,403.15 45,581.64
28.	7 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6". (S.I. No.18 chapter 7 of Schedule of Rates 2012)	Each	358.68		2,510.76
29.	7 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4'1/2", 3" cement concrete (1:4:8). (S.I. No.19 chapter 7 of Schedule of Rates 2012)	Each	649.83		4,548.81

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Engr. Zahid Ali Khan
Project Engineer
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S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
30.		Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars).				
	767 Cwt	a) Ground Floor	Cwt	5,001.70		3,836,303.90
	3 Cwt	b) Above Ground Floor (S.I. No.8(b) chapter 4 of Schedule of Rates 2012)	Cwt	5,001.70		15,005.10
31.		Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges).				
	1,250 Sft	a) Ground Floor (S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)	%Sft	2,116.41		26,455.13
32.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall).				
	8,825 Sft	a) Ground Floor (S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)	%Sft	2,237.95		197,499.09
33.		Distempering (3 coats) (on ceiling):				
	5,080 Sft	a) Ground Floor (S.I. No.24(c) chapter 9 of Schedule of Rates 2012)	%Sft	1,079.65		54,846.22
34.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	5,110 Sft	a) Ground Floor	%Sft	2,567.95		131,222.25
	1,950 Sft	b) Above Ground Floor (S.I. No.38(A&B) chapter 9 of Schedule of Rates 2012)	%Sft	2,796.04		54,522.78
35.	6,025 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area). (S.I. No.92 chapter 18 of Schedule of Rates 2012)	Sft	9.74		58,683.50
36.		Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats with 1st coat of red oxide paint etc.				
	620 Sft	a) Ground Floor (S.I.No:30 Chapter-17 of Schedule of Rate of 2012).	Sft	194.16		120,379.20

ATTESTED


(Engr. Zahid Ali Kolachi).
Project Engineer
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Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
37.	1,060 Sft	Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges). (S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)	%Sft	1,270.83		13,470.80
38.	3,395 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		135,800.00
39.	305 Sft	Providing and fixing iron collapsible gate with channel framing of section 3/4" x 5/16" at 4" I/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T- section 1" x 1" 1/8" along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc: completed. (S.I.No:32 Chapter-17 of Schedule of Rate of 2012).	Sft	387.04		118,047.20
40.	210 Sft	Supplying and fixing in position Aluminium channels framing for hinged doors of Alcope made with 5mm thick tinted glass glazing (Belgium) and alpha japan locks including handles stoppers etc. Deluxe model (White). (S.I.No.83(a), chapter 18 of Schedule of Rates 2012)	Sft	1,450.76		304,659.60
41.	300 Sft	Providing and laying HALA or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing, and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (S.I.No.61 chapter 8 Page-48 of Schedule of Rates 2012)	%Sft	47,651.56		142,954.68
42.	600 Sft	First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1-3/4" thick: a) Ground Floor (S.I. No.7(b) chapter 10 of Schedule of Rates 2012)	Sft	1,273.76		764,256.00
43.	100 Sft	First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete: a) Ground Floor (S.I.No:14 (b),Chapter-10 of Schedule of Rate of 2012).	Sft	562.98		56,298.00
44.	25 Nos	Providing and fixing approved quality mortice lock. (S.I.No.21, chapter 10 of Schedule of Rates 2012)	Each	1,786.13		44,653.25

ATTESTED

 (Engr. Zahid Akhbar)
 Project Engineer
 Ghulam Muhammad Mahar
 Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
45.	7 Nos	Reinforced cement concrete spout including fixing in position 2½" x 6" x 5". (S.I.No.14, chapter 4 of Schedule of Rates 2012)	Each	261.25		1,828.75
46.	875 Rft	Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2- 1/2 inches as directed by Engineer Incharge: a) Ground Floor (S.I.No:60 (b),Chapter-10 of Schedule of Rate of 2012).	Rft	49.97		43,723.75

TOTAL SCHEDULE ITEMS (CIVIL WORKS) : Rs. 20,784,459.60

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahan
Medical College, Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF WORKSHOP

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. 4,985 Sft Providing and laying Guttca brick facing 21/4"x9"x21/4" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height). Sft
02. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilliing etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.
- 110 Rft a) 110 mm dia (4" dia for Rain water). Rft
03. 500 Sft Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height). Sft

ATTESTED



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S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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04. 3,765 Sft Providing and laying floor hardener of (polymer modified concrete Add mixture SB-10) for integral water proofing and concrete strength and finishing with steel trowel after laying by hand on C.C. floor for concrete strength of 28 days approximate 8000 PSI. Sft

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS): Rs. _____

ATTESTED



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Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF WORKSHOP

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2(c) & (d) Chapter-10 of Schedule of Rate of 2012)				
	220 Rft	a) RCC Pipe 9"dia	Rft	250.60		55,132.00
	100 Rft	b) RCC Pipe 12"dia	Rft	401.97		40,197.00
	100 Rft	c) RCC Pipe 15"dia	Rft	510.11		51,011.00
02.	5 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		5,965.85
03.	20 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		10,194.80
04.	9 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		9,642.60
05.	7 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2' of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		103,236.00

ATTESTED



(Engr: Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College, Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.	7 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug and chrome plate brass chain 1-1/4" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I.No.8+9 Page-9 Chapter-1 of Schedule of Rate of 2012)	Each	5,192.17		36,345.19
07.	9 Nos	Supplying and fixing in position 1/2" dia CP bib cock, standard pattern. (S.I. No.2(i)(b) Page-16)	Each	150.92		1,358.28
08.	7 Nos	Supplying and fixing Swan type pillar cock of superior quality single C.P head 1/2" dia. (S.I. No.16 Page-19)	Each	795.30		5,567.10
09.	20 Nos	Supplying and fixing concealed tee-stop cock of superior quality with CP head 1/2" dia. (S.I. No.12-a Page-18)	Each	843.92		16,878.40
10.	5 Nos	Providing and fixing 24"x18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern). (S.I. No.3-a Page-7)	Each	1,711.60		8,558.00
11.	7 Nos	Providing and fixing chrome plated brass 30" long towel rail. 3/4" dia. Round or square (Standard Pattern). (S.I. No.1(ii)(a) Page-7)	Each	1,082.95		7,580.65
12.	2 Nos	Supplying and fixing 3/4" dia handle valve (China). (S.I. No.4(b)(ii),(iii)&(v) Page-17 Chapter-6 of Schedule of Rate of 2012)	Each	227.92		455.84
13.	3 Nos	Supplying and fixing 1-1/2" dia handle valve (China). (S.I. No.5(v) Page-17)	Each	970.92		2,912.76
14.	4 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4-1/2" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qr) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20)	Each	4,905.67		19,622.68

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Maher
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
15.	6 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (i) with 4 " dia C.I. trap. (S.I. No.3(a) Page-2)	Each	5,836.60		35,019.60
16.	3 Nos	Providing and fixing European type white glazed earthen ware wash down WC pan complete with and including cost of white/black plastic seat (best quality) and lid with CP brass hinges and buffers, 3 gallons plastic flushing cistern with fitting and clamps 3/4" dia and cutting and making requisite number of holes in wall plinth and floor for pipe connections and making good in cement concrete 1:2:4. (S.I. No.4 Page-2)	Each	5,339.40		16,018.20
17.	6 Nos	Providing and fixing in position nylon connection complete with 1/2" dia brass stop cock, with pair of brass nuts and lining joints to nylon connection. (S.I. No.23 Page-6)	Each	447.15		2,682.90
TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs.						428,378.85

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF WORKSHOP

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01. I No. Providing and installation of 10 gallons water cooler with water supply and drainage connections, resting over angle iron brackets wall mounted at appropriate height with two nos 1/2" dia C.P. brass taps etc, complete. First class best locally made quality of MECO. Each

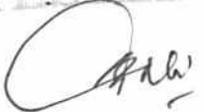
02. Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge:

100 Rft	a) 20 mm dia (3/4" dia)	Rft
60 Rft	b) 25 mm (1" dia)	Rft
120 Rft	c) 32 mm (1-1/4" dia)	Rft
50 Rft	d) 40 mm (1-1/2" dia)	Rft
80 Rft	e) 50 mm (2" dia)	Rft

03. Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowels, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:

100 Rft	a) 75 mm dia (3" dia:)	Rft
175 Rft	b) 110 mm dia (4" dia:)	Rft

ATTESTED


(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF WORKSHOP

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEM:

1.	111 Point	Wiring for light or fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		125,430.00
2.	66 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No. 126-p15)	Point	985.00		65,010.00
3.	23 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 231-p33)	Point	3185.00		73,255.00
4.	10 Mtrs	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 4-7.052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit on surface. (Schedule Item No. 41 -p6)	Per Mtr	858.00		8,580.00

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 272,275.00

ATTESTED



**(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF WORKSHOP

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. SEC-A: WIRING INSTALLATIONS:

1 Same as Item No. 1, but provide, wire and connect 2x2.5mm²+1x1.5mm² S/C PVC cable for:

101 14 Nos Circuits for light/fan points Each

2 Same as Item No. 1, but provide, wire and connect 2 x 6mm² + 1 x 2.5mm² S/C PVC cable in 25 mm dia PVC conduit, for:

201 7 Nos 5 Amps socket outlet points without socket outlet plate. Each

3 Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:

301 2 Nos Single gang switch plate: Each

302 12 Nos Double gang switch plate: Each

303 3 Nos Three gang switch plate: Each

304 6 No Four gang switch plate. Each

305 23 Nos Solid state fan dimmer with "ON-OFF" control. Each

306 66 Nos 5 Amps 2/3 pin switched socket outlet plate: Each

307 7 Nos Telephone outlet plates with Juck plug Each

B. SEC: B: LIGHT FITTINGS & FIXTURES:

1. Provide, fix, connect and commission light fixtures Philips make or equivalent with Philips components as approve, complete in all respects and ready for use.

101. 42 Nos Philips Type GKD-240 or equivalent complete with 2x40 W fluorescent lamps: Each

102. 15 Nos Philips Type TMS-240 or equivalent complete with 2x40 W fluorescent lamps: Each

ATTESTED

(Engr: Zahid Ali (Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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2. 1 Jobs Provide and install 5 pairs telephone junction box, 1.5mm thick sheet steel fabricated with hinged door, having 2 x 5 pairs telephone tag blocks. Job

3. 7 Nos Provide, wire and connect telephone points wired with 2 pairs telephone cable in 20mm dia high impact PVC conduit recessed in floor/wall, complete with all accessories. Each

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

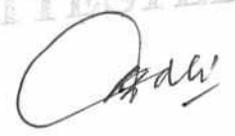
GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CAFETERIA

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 11,285,290.05	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works): = Rs. _____		
2) PLUMBING WORKS	Rs. 325,525.77	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Plumbing Works): = Rs. _____		
3) ELECTRICAL WORKS	Rs. 253,404.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works): = Rs. _____		
		Total Rs. _____

ATTESTED



Zahid Ali Kotachi
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

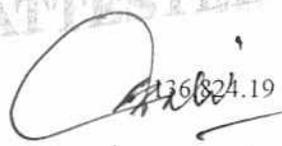
CAFETERIA

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
<u>SCHEDULE ITEMS:</u>						
01.	17,484 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%Cft	3,176.25		55,533.56
02.	10,560 Cft	Random, rubble masonry (uncoursed). (S.I. No.1(a) chapter 6 of Schedule of Rates 2012)	%Cft	13,051.50		1,378,238.40
03.	4,224 Sft	Sand grouting in stone apron with high pressure house. (S.I. No.13 chapter 6 of Schedule of Rates 2012)	%Sft	1,772.38		74,865.33
04.	3,130 Cft	Borrow pit excavated earth. (lead upto 8 miles). (S.I. No.3(a) chapter 1 of Schedule of Rates 2012)	%Cft	2,117.50		6,627.78
05.	3,130 Cft	Extra 8 miles lead. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	837.00		26,198.10
06.	3,130 Cft	Dressing and levelling. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	187.55		5,870.32
07.		Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8.				
	1,450 Cft	(a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		136,536.06
08.		Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering):				
	1,645 Cft	(i) Ratio 1:3:6	%Cft	12,595.00		207,187.75
	1,445 Cft	(ii) Ratio 1:4:8 (Under Floor) (S.I. No.5(h) and (i) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		163,122.44
09.	4,375 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b)(ii)chapter 4 of Schedule of Rates 2012)	%Sft	3,127.41		13,6824.19
10.	9,025 Cft	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. (S.I. No.21 chapter 1 of Schedule of Rates 2012)	%Cft	1,512.50		13,650.31

ATTESTED



(Engr. Zahid Ali Kolachif)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
11.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (a) RCC work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	10,820 Cft	(a) Ratio 1:2:4 (S.I. No.6 (a)(i) chapter 4 of Schedule of Rates 2012)	Cft	337.00		3,646,340.00
12.	678 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		26,529.12
13.	7,995 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		220,741.15
14.	7,645 Cft 650 Cft	Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints. a) Ground Floor b) Above Ground Floor (S.I. No.5(i)(e) + 6 chapter 5 of Schedule of Rates 2012)	%Cft %Cft	12,674.36 13,112.99		968,954.82 85,234.44
15.	3,130 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		35,721.13
16.	890 Cft	Dry rammed brick or stone ballast 1 1/2" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		29,614.75
17.	230 Sft	Laying floors of approved white glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. a) Ground Floor (S.I. No.24 chapter 8 of Schedule of Rates 2012)	%Sft	27,678.86		63,661.38
18.	620 Cft	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing. a) Ground Floor (S.I. No.38 chapter 8 of Schedule of Rates 2012)	%Sft	28,299.30		175,455.66

ATTESTED

(Signature)

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghuilam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
19.	2,698 Sft	Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge: (a) Under Floor (S.I. No.38 chapter 7 of Schedule of Rates 2012)	Sft	10.70		28,868.60
20.	3,376 Sft	Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft: (a) Over Roof Top (S.I. No.13 chapter 7 of Schedule of Rates 2012)	%Sft	1,887.40		63,718.62
21.	6,790 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal). a) Ground Floor (Walls only). (S.I. No.13(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,122.72		144,132.69
22.	6,790 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal). a) Ground Floor (Walls only). (S.I. No.11(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,197.52		149,211.61
23.	4,000 Sft 1,900 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat External). a) Ground Floor b) Above Ground Floor (S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft %Sft	2,122.72 2,262.72		84,908.80 42,991.68
24.	350 Sft 1,100 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External). a) Ground Floor b) Above Ground Floor (S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft %Sft	2,197.52 2,337.52		7,691.32 25,712.72
25.	8 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6". (S.I. No.18 chapter 7 of Schedule of Rates 2012)	Each	358.68		2,869.44
26.	8 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4'1/2", 3" cement concrete (1:4:8). (S.I. No.19 chapter 7 of Schedule of Rates 2012)	Each	649.83		5,198.64
27.	472 Cwt 19 Cwt	Fabrication of ToR steel reinforcement* for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars). a) Ground Floor b) Above Ground Floor (S.I. No.8(b) chapter 4 of Schedule of Rates 2012)	Cwt Cwt	5,001.70 5,001.70		2,360,802.40 95,032.30
28.	230 Sft	First class deodar wood, wrought joinery in doors & windows etc, fixed in position i/c chowkats, hold fasts, cleats, handles & cords with hooks etc. Deodar paneled or paneled & glazed or fully glazed. 1-3/4" thick (shutter only). a) Ground Floor (S.I. No.7(b) chapter 10 of Schedule of Rates 2012)	Sft	1,273.76		292,964.80

ATTESTED



(Engr. Zahid Ali Kotachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Bukki

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
29.		First class deodar wood wrought joinery work in wire gauze door and windows with 22 S.W.G . Galvanized wire jgauze 144 mesh per square inch iron fittings complete.				
		(a)1- 3/4" thick deodar wood framing including wire gauze with ordinary hinges.				
	30 Sft	a) Ground Floor (S.I.No:14(a) Chapter-10 of Schedule of Rate of 2012).	Sft	562.98		16,889.40
30.		Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges).				
	300 Sft	a) Ground Floor (S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)	%Sft	2,116.41		6,349.23
31.		Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall).				
	6,790 Sft	a) Ground Floor (S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)	%Sft	2,237.95		151,956.81
32.		Distempering (3 coats) (on ceiling).				
	2,700 Sft	a) Ground Floor (S.I. No.24(c) chapter 9 of Schedule of Rates 2012)	%Sft	1,079.65		29,150.55
33.		Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats).				
	350 Sft	a) Ground Floor	%Sft	2,567.95		8,987.83
	1,100 Sft	b) Above Ground Floor (S.I. No.38(A&B) +42 chapter 9 of Schedule of Rates	%Sft	2,796.04		30,756.44
34.	3,376 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area). (S.I. No.92 chapter 18 of Schedule of Rates 2012)	Sft	9.74		32,882.24
35.	475 Sft	Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats (S.I.No:30 Chapter-17 of Schedule of Rate of 2012).	Sft	194.16		92,226.00

ATTESTED

(Signature)

(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mehar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
36.	360 Sft	Preparing surface and painting sashes, fan light glazed or gauzed door and window grill etc. any type (including edges). (S.I.No.5(d)(i)&(ii) chapter 11 of Schedule of Rates 2012)	%Sft	1,270.83		4,574.99
37.	1,508 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		60,320.00
38.	2,575 Sft	Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels. (a) Over Roof Top (S.I. No.16(c) & 18 chapter 8 of Schedule of Rates 2012)	%Sft	3,502.38		90,186.29

TOTAL SCHEDULE ITEMS (CIVIL WORKS): Rs. 11,285,290.05

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Shulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CAFETERIA

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS

01. Providing and laying Guttca brick facing 21/4"x9"x21/4" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).
- 3,655 Sft a) Ground Floor Sft
775 Sft b) Above Ground Floor Sft
02. Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilliing etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.
- 100 Rft a) 110 mm dia (4" dia for Rain water) Rft
03. Providing and laying Porcelain Tiles Floor of approved size, design and quality laid over 13/4" thick C.C. 1:2:4 bed floor including filling and grouting the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge. (RA attached).
- (i) Size of Tile 12" x 12"
- 2470 Sft a) Ground Floor Sft

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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04. Providing and laying 12" x 6" size Porceline Tiles Skirting of approved design and quality set in cement sand mortar ratio 1:3 including filling the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.

300 Sft a) Ground Floor Sft

05. Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).

400 Sft a) Ground Floor Sft

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) : Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CAFETERIA

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

01.		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting and jointing with asphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4ft: above the top of the highest pipe and refilling with excavated stuff. (S.I. No.2 Chapter-10 of Schedule of Rate of 2012)				
	280 Rft	a) RCC Pipe 6"dia	Rft	199.25		55,790.00
	100 Rft	b) RCC Pipe 9"dia	Rft	250.60		25,060.00
02.	4 Nos.	Providing and fixing 6"x4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed and kerb, 1/2" thick cement plaster (1:3) to the kerb C.I. Grating 6"x6" and C.I. cover and frame 12"x12" (inside) etc; complete C.C. Gully traps 6"x6" with C.I. cover and frame. (S.I. No.1(i), Chapter-10 of Schedule of Rate of 2012)	Each	1,193.17		4,772.68
03.	8 Nos.	Supply and fixing concealed stop cock of superior quality with C.P. head 1/2" dia. (S.I.No.11(b), Chapter-6 of Schedule of Rate of 2012)	Each	509.74		4,077.92
04.	4 Nos.	Providing & fixing C.P. brass toilet paper holder of standard size with chrome plated brass brackets complete, (superior quality). (S.I.No. 2(b), Chapter-2 of Schedule of Rate of 2012)	Each	1,071.40		4,285.60
05.	5 Nos	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with walls of B.B in cement mortar 1:3, cement plaster 1:3 1/2" thick inside of walls and and 1" thick over benching benching and channel including fixing C.I. manhoel cover with frame of clear opening 1 1/2"x1 1/2" of 1.75cwt. embedded in plain C.C. 1:2:4 and fixing 1"dia M.S. steps 6" wide projecting 4" from the face of wall at 12" c.c. duly painted etc; complete as per specifications and drawing No: DP/I of Public Health Circle Southern Zone Hyderabad. a) 4" to 12" dia 2' x 2' x 3'-6". (S.I. No.1(a) Chaper-II of P.H. Engg. of 2012)	Each	14,748.00		73,740.00

ATTESTED



(Eng. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
06.	2 Nos	Providing and fixing Orisa type white of colour glazed earthen ware W.C. Pan with cost, of low level plastic flush tank of 3 gallons capacity of approved quality including making requisite number of holes in wall, plinth and floor and making good in cement concrete 1:2:4. (a) W.C. pan orisa tye 23" with plastic tank of low down 3 gallons trap and C.I. thimble (superior quality). (i) with 4 " dia C.I. trap. (S.I. No.3(a)(i) Page-2 of Schedule of Rate of 2012)	Each	5,836.60		11,673.20
07.	2 Nos	Providing and fixing European type white glazed earthen ware wash down W.C Pan complete with including cost of white/black plastic seat (best quality) lid with C.P brass hinges best quality buffers 3 gallons plastic finishing with internal fitting with fitting clamp 3/4" dia and cutting and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete (S.I.No:4, Chapter 1 of Schedule of Rates 2012)	Each	5,339.40		10,678.80
08.	3 Nos	Providing and fixing 24"x18" lavatory basin in white glazed earthen ware complete with and including the cost of earthen ware pedestal white or coloured glazed (standard pattern), W.I or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug and chrome plate brass chain 1-1/4" dia malleable iron or CP brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement for pipe connections and making good in cement concrete 1:2:4 (standard pattern). (S.I. No.8 & 9 Page-3 of Schedule of Rate of 2012)	Each	5,192.17		15,576.51
09.	4 Nos	Providing and fixing in position nylon connection complete with 1/2" dia brass stop cock, with pair of brass nuts and lining joints to nylon connection. (S.I. No.23 Page-6 of Schedule of Rate of 2012)	Each	447.15		1,788.60
10.	5 Nos	Supplying and fixing in position 1/2" dia CP bib cock, standard pattern. (S.I. No.2(i)(b) Page-16 of Schedule of Rate of 2012)	Each	150.92		754.60
11.	5 Nos	Supplying and fixing Swan type pillar cock of superior quality single C.P head 1/2" dia. (S.I. No.16 Page-19 of Schedule of Rate of 2012)	Each	795.30		3,976.50
12.	2 Nos	Supplying and fixing CP muslim shower with double bib cock and ring pipe etc. complete. (S.I. No.19-a Page-19 of Schedule of Rate of 2012)	Each	3,432.00		6,864.00
13.	10 Nos	Supplying and fixing concealed tee-stop cock of superior quality with CP head 1/2" dia. (S.I. No.12-a Page-18 of Schedule of Rate of 2012)	Each	843.92		8,439.20

ATTESTED



Engr. Zahid Ali Kolschi,
Project Engineer
Ghulam Muhammad Sharar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
14.	2 Nos	Providing and fixing 24"x18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden cleats. (Standard Pattern). (S.I. No.3-a Page-7 of Schedule of Rate of 2012)	Each	1,711.60		3,423.20
15.	2 Nos	Providing and fixing chrome plated brass 30" long towail rail. 3/4" dia. Round or square (Standard Pattern). (S.I. No.1(ii)(a) Page-7 of Schedule of Rate of 2012)	Each	1,082.95		2,165.90
16.	4 Nos	Supplying and fixing 3/4" dia handle valve (China). (S.I. No.5(ii) Page-17 of Schedule of Rate of 2012)	Each	271.92		1,087.68
17.	2 Nos	Supplying and fixing 1" dia handle valve (China). (S.I. No.5(iii) Page-17 of Schedule of Rate of 2012)	Each	365.42		730.84
18.	3 Nos	Supplying and fixing 1-1/2" dia handle valve (China). (S.I. No.5(v) Page-17 of Schedule of Rate of 2012)	Each	640.42		1,921.26
19.	4 Nos	Construction of mainhole of inspection chamber for the required dia of circular sewer and 3'-6"(1067mm) depth with walls of B.B in cement mortar 1:3 1/2" thick in side of walls and 1" (25mm) thick over benching and channel including fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm) of 7.75cwt. (88.9kg) embedded in plain the face of wall at 12" (305mm) C.C. duly painted etc; complete as per specification and drawing no. D.P/I of Public Health Circular southern zone. (S.I. No.1(a) Page-46 of Schedule of Rate of 2012)	Each	14,748.00		58,992.00
20.	4 Nos	Providing chambers 15"x9" (inside dimensions) x 24" deep for house meters with 4-1/2" thick burnt brick masonry walls in 1:6 C.M 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and top to 1" thick C.C. 1:2:4 flooring complete with cast iron hinged cover and frame 15"x9" (inside) clear opening (W.I Qr) etc; fixed in cement concrete 1:2:4 including curing, excavation, back filling and disposal of earth etc; complete. (S.I. No.4 Page-20 f Schedule of Rate of 2012)	Each	4,905.67		19,622.68
21.	2 Nos	Providing and fixing steel sinks stainless local (40"x 20") make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" C.P bubber plug chrome plated brass chain, 1-1/2" C.P brass waste, with 1-1/2" P.V.C. waste pipe and making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. (S.I. No:19(a) P-6 Chapter-1 of Schedule of Rate of 2012)	Each	5,052.30		10,104.60

ATTESTED


(Engg: Zahid Ali Kotachi)
Project Engineer
Ghuilam Muhammad Maha
Medical College Baffar

TOTAL SCHEDULE ITEMS (PLUMBING WORKS) : Rs.

325,525.77

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CAFETERIA

PLUMBING WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

01.	1 No.	Providing and installation of 10 gallons water cooler with water supply and drainage connections, resting over angle iron brackets wall mounted at appropriate height with two nos 1/2" dia C.P. brass taps etc, complete. First class best locally made quality of MECO.	Each			
02.	2 Nos	Providing and fixing Suigas Cooker double burner made of Blue Flame or approved equivalent with necessary fitting and accessories etc; complete.	Each			
03.	2 Nos	Providing and laying PPRC pipe and fittings to specification DIM 8077-8078 including all necessary fitting (tees, sockets, elbows, crosses etc.) including heat fusion joint, required for proper completion of the job heavy duty, clamping or anchoring pipes to walls or chipping the walls to embedded pipes in walls and making good the surface and/or laying underground pipes including excavation of trenches required and testing the pipe line with 20 PN, pipes and 25 PN fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	100 Rft	a) 17 mm dia (1/2" dia)	Rft			
	70 Rft	b) 25 mm (1" dia)	Rft			
	200 Rft	c) 40 mm (1-1/2" dia)	Rft			
04.		Providing, laying, fixing and testing soil/waste/vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete including UPVC fittings with solvent cement jointing, Dadex or equivalent make as approved by the Engineer Incharge, complete in all respects including bends, tees, crosses, tee, P-trap, cowls, clamps, hangers, reducers, etc; embedded in floors and walls, clamped to walls, suspended from slab, making requisite no. of holes and making good in all respects as per drawing and specifications and as directed by the Engineer Incharge:				
	100 Rft	a) 75 mm dia (3" dia:)	Rft			
	70 Rft	b) 110 mm dia (4" dia:)	Rft			

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

TOTAL NON-SCHEDULE ITEMS (PLUMBING WORKS) : Rs. _____

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CAFETERIA

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	84 Point	Wiring for light or fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		94,920.00
2.	15 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No. 126-p15)	Point	985.00		14,775.00
3.	42 Point	Providing & fixing bakelite ceiling rose with two terminals. (Schedule Item No. 228-p33)	Point	72.00		3,024.00
4.	21 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 235-p34)	Point	3185.00		66,885.00
5.	60 Mtrs	Providing & laying (MAIN or SUB MAIN) PVC insulated & pvc sheeted with 4 core Armoured copper conductor 600/1000 volts size 10mm ² . (Schedule Item No. 112 -p13)	Per Mtr.	1230.00		73,800.00

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 253,404.00

ATTESTED



**(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur**

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CAFETARIA

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
<u>NON-SCHEDULE ITEMS:</u>						
A. SEC-A: <u>WIRING INSTALLATIONS:</u>						
01.		Provide, wire and connect 2x2.5 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
101.	6 Nos	Circuit for light/fan point	Each			
102.	4 Nos	Wiring for indoor to outdoor AC unit.	Each			
02.		Provide, wire and connect 2x6 + 1x1.5 sq. mm S/C PVC cable in 20mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
201.	4 Nos	Split AC point.	Each			
03.		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:				
301.	4 Nos	Single gang switch plate.	Each			
302.	3 Nos	Double gang switch plate.	Each			
303.	1 Nos	Three gang switch plate:	Each			
304.	6 Nos	Four gang switch plate.	Each			
305.	21 Nos	Solid state fan dimmer with "ON-OFF" control.	Each			
306.	15 Nos	5 Amps 2/3 pin switched socket outlet plate.	Each			
307.	3 Nos	Telephone outlet plates with jack plug.	Each			
04.		Provide, install, connect and commission Exhaust fan, complete in all respects.				
401.	6 Nos	9" dia exhaust fan	Each			

ATTESTED



(Engr. Zahid Ali Kolschi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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B. SEC: B: LIGHT FITTINGS & FIXTURES:

1.		Provide, fix, connect and commission light fixtures Philips make or equivalent with Philips components as approve, complete in all respects and ready for use:				
101.	3 Nos	Philips Type TFD-140 or equivalent complete with 1x40 W fluorescent lamps.	Each			
102.	8 Nos	Philips Type GKD-240 or equivalent complete with 2x40 W fluorescent lamps.	Each			
103.	4 Nos	Philips Type TMS-140 or equivalent complete with 1x40 W fluorescent lamps.	Each			

C. SEC:-B: SWITCH GEAR:

01.		Provide, install, connect and commission Main Emergency panel, cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under: <u>Incoming:</u> 1-40 Amp, TP, 10 KA, MCCB : 3 - Phase indication lamps: <u>Outgoing:</u>				
1	Jobs	6-10 Amps SP, 7.5 KA, MCBs: 3-15 Amps SP, 7.5 KA, MCBs: 6-30 Amps SP, 7.5 KA, MCBs:	Each			

D. SEC: C: EARTHING:

01.	1	Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, burried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications.	Each			
02.	8	Mtrs Provide, lay and connect 2x8/o SWG copper conductors in 50mm dia G.I. Pipe from earth plate to panel.	Mtrs			

E. SEC: F: TELEPHONE SYSTEM:

01.	30	Mtrs Provide, lay and connect 5 pairs telephone cable, laid in 25mm dia D CLASS PVC conduit recessed underground, complete with all accessories.	Mtr			
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ATTESTED

(Signature)

(Engr. Zahid Ali Kolachi)
Project Engineer
Ghuam Muhammad Maher
Medical College Bukkur

No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
02.	1	Job Provide and install 5 pairs telephone junction box, 1.5mm thick sheet steel fabricated with hinged door, having 2 x 5 pairs telephone tag blocks.	Job			
03.	23	Nos Provide, wire and connect telephone points wired with 2 pairs telephone cable in 20mm dia high impact PVC conduit recessed in floor/wall, complete with all accessories.	Each			

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS): Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MARKET

SUMMARY OF COST

	<u>SCHEDULE ITEM</u>	<u>NON-SCHEDULE ITEM</u>
1) CIVIL WORKS	Rs. 5,408,335.56	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items (Civil Works):		= Rs. _____
2) ELECTRICAL WORKS	Rs. 177,605.00	Rs. _____
Premium Above/Below (.....%)	Rs. _____	Rs. _____
TOTAL =	Rs. _____	Rs. _____
Total Schedule + Non-Schedule Items Electrical Works):		= Rs. _____
Total		Rs. _____

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
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Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MARKET

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
<u>SCHEDULE ITEMS:</u>						
01.	6,640 Cft	Excavation in foundation of buildings bridges and other structures including dag belling, dressing, refilling around the structure with excavated earth watering and ramming. lead upto one chain and lift upto 5 ft. in Ordinary soil. (S.I. No.18(b) chapter 1 of Schedule of Rates 2012)	%Cft	3,176.25		21,090.30
02.	3,981 Cft	Borrow pit excavated earth. (lead upto 8 miles). (S.I. No.3(a) chapter 1 of Schedule of Rates 2012)	%Cft	2,117.50		8,429.77
03.	3,981 Cft	Extra 8 miles lead. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	837.00		33,320.97
04.	3,981 Cft	Dressing and levelling. (S.I. No.11(b) chapter 1 of Schedule of Rates 2012)	%Cft	187.55		7,466.37
05.	548 Cft	Cement concrete brick or stone ballast 1½" to 2" gauge ratio 1:4:8. (a) In foundation (S.I. No.4(b) chapter 4 of Schedule of Rates 2012)	%Cft	9,416.28		51,601.21
06.	545 Cft	Cement Concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering): (i) Ratio 1:3:6	%Cft	12,595.00		68,642.75
	876 Cft	(ii) Ratio 1:4:8 (Under Floor) (S.I. No.5(h) and (i) chapter 4 of Schedule of Rates 2012)	%Cft	11,288.75		98,889.45
07.	1,454 Sft	Erection and removal of centering for RCC or plain cement concrete works for Partal wood (Vertical). (S.I. No.19(b)(ii)chapter 4 of Schedule of Rates 2012)	%Sft	3,127.41		45,472.54
08.	3,010 Cft	Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5 feet. (S.I. No.21 chapter 1 of Schedule of Rates 2012)	%Cft	1,512.50		4,552.63

ATTESTED



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Project Engineer
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Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
09.		Reinforced cement concrete work in all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also including all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface.(including screening and washing of shingle). (a) RCC work in roof slabs, beams, columns, rafts, lintels and other structural members laid in situ or pre-cast laid in position complete in all respects. (i) Ratio 1:2:4, 90 lbs cement, 2 cft sand, 4 cft shingle 1/8" to 1/4" gauge.				
	5,965 Cft	(a) Ground Floor (Ratio 1:2:4) (S.I. No.6 (a)(i) chapter 4 of Schedule of Rates 2012)	Cft	337.00		2,010,205.00
10.	329 Sft	Damp Proof Course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic mixture 2" thick. (S.I. No.28(b) chapter 4 of Schedule of Rates 2012)	%Sft	3,912.85		12,873.28
11.	1,454 Sft	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitument @ 20 Lbs per % sft. (S.I. No.70, chapter 18 of Schedule of Rates 2012)	%Sft	2,760.99		40,144.79
12.	2,292 Cft	Pucca brick work in Ground Floor in cement sand mortar 1:6 including striking of joints. a) Ground Floor (S.I. No.5(i)(e) + 6 chapter 5 of Schedule of Rates 2012)	%Cft	12,674.36		290,496.33
13.	3,981 Cft	Supplying and filling sand under floors and plugging in walls. (S.I. No.29 chapter 5 of Schedule of Rates 2012)	%Cft	1,141.25		45,433.16
14.	1,327 Cft	Dry rammed brick or stone ballast 1½" to 2" gauge. (S.I. No.2 chapter 4 of Schedule of Rates 2012)	%Cft	3,327.50		44,155.93
15.	2,654 Sft	Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer Incharge: (a) Under Floor (S.I. No.38 chapter 7 of Schedule of Rates 2012)	Sft	10.70		28,397.80
16.	2,983 Sft	Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft Per % Sft: (a) Over Roof Top (S.I. No.13 chapter 7 of Schedule of Rates 2012)	%Sft	1,887.40		56,301.14
17.	6,390 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat Internal). a) Ground Floor (Walls only). (S.I. No.13(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,122.72		135,641.81

ATTESTED

(Engg: Zahid Ali Kolachi)
Project Engineer
Shaham Muhammad Mahtar
Medical College

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
18.	6,390 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat Internal). a) Ground Floor (Walls only). (S.I. No.11(a) chapter 9 of Schedule of Rates 2012)	%Sft	2,197.52		140,421.53
19.	4,268 Sft	Cement plaster 3/8" thick Ratio 1:6 (1st Coat External). a) Ground Floor (S.I. No.13(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft	2,122.72		90,597.69
20.	1,354 Sft	Cement plaster 3/8" thick Ratio 1:4 (2nd Coat External). a) Ground Floor (S.I. No.11(a)+29 chapter 9 of Schedule of Rates 2012)	%Sft	2,197.52		29,754.42
21.	6 Nos	Making Khuras on Roof 2'-0" x 2'-0" x 0'-6". (S.I. No.18 chapter 7 of Schedule of Rates 2012)	Each	358.68		2,152.08
22.	6 Nos	Bottom Khuras of brick masonry in cement mortar 1:6 4'x2'x4'1/2", 3" cement concrete (1:4:8). (S.I. No.19 chapter 7 of Schedule of Rates 2012)	Each	649.83		3,898.98
23.	258 Cwt	Fabrication of ToR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars). a) Ground Floor (S.I. No.8(b) chapter 4 of Schedule of Rates 2012)	Cwt	5,001.70		1,290,438.60
24.	49 Sft	Making Steel Grated Doors complete with locking arrangements angle iron frame 2" x 2" 3/8" & 3/4" Sq. bars 4" centre to centre. (S.I. No.23 P- 92 chapter 17 of Schedule of Rates 2012)	Sft	594.57		29,134
25.	665 Sft	Providing & Fixing G.I sheet rolling shutter using 2 guage G.I sheet for shutter. Side iron channel of 12 guage for rolling for rolling on 2" dia C.I pipe I/C bracket of 20 guage, springs of requisite size and rolling pully, necessary hold fasts, nuts bolts, welding, greasing, all carriage, T & P required for making and fixing in masonry bor. (S.I. No.33 P- 94 chapter 17 of Schedule of Rates 2012)	Sft	264.96		176,198
26.	823 Sft	Preparing new surface and 2 coats of painting over priming coat on doors and windows any type (including edges). a) Ground Floor (S.I. No.5(c)(i) & (ii) chapter 11 of Schedule of Rates 2012)	%Sft	2,116.41		17,418.05

ATTESTED



(Engr: Zahid Ali Kolachi)
Project Engineer
Ghadam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
27.	6,390 Sft	Preparing the surfaces and painting with plastic Emulsion paint of approved make including rubbing the surface with sand paper, filling the voids with chalk/plaster of paris and then painting etc complete (new surface 3 coats) (on wall). a) Ground Floor (S.I. No.40(A&B) chapter 9 of Schedule of Rates 2012)	%Sft	2,237.95		143,005.01
28.	2,654 Sft	Distempering (3 coats) (on ceiling). a) Ground Floor (S.I. No.24(c) chapter 9 of Schedule of Rates 2012)	%Sft	1,079.65		28,653.91
29.	1,354 Sft	Preparing the surface and painting with weather coat including rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (3 coats). a) Ground Floor (S.I. No.38(A&B) chapter 9 of Schedule of Rates 2012)	%Sft	2,567.95		34,770.04
30.	2,983 Sft	Providing Anti-termite treatment by spraying/sprinkling/spreading Neptachler 0.5% emulsion as an over all pre-construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per direction of Engineer Incharge (plinth area). (S.I. No.92 chapter 18 of Schedule of Rates 2012)	Sft	9.74		29,054.42
31.	158 Sft	Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" I/c and frame of flat iron patti of 3/4" x 3/4" I/c circle shape at 1-0 apart equivalent fitted with screws are pins I/c painting 3 coats (S.I.No:30 Chapter-17 of Schedule of Rate of 2012).	Sft	194.16		30,677.28
32.	765 Bags	Difference of cost of S.R. cement and Portland cement. (S.I.No.45(a) and 45(b) Page-4 of Schedule of Rate of Material 2011)	Bag	40.00		30,600.00
33.	2,983 Sft	Providing & laying 2" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into pannels. (a) Over Roof Top (S.I. No.16(c) & 18 chapter 8 of Schedule of Rates 2012)	%Sft	3,502.38		104,476.00
34.	1,000 Sft	Providing & Fixing cement paving block flooring having size of 197 x 97 x60 (mm) of city/quadra/cobble shape with pigmented having strength between 5000 psi to 8500 psi including filling the joints with hill sand & laying in specified manner/pattern and design etc:complete. (S.I. No.72 P-49 chapter 8 of Schedule of Rates 2012)	%Sft	223.97		223,970.00

TOTAL SCHEDULE ITEMS (CIVIL WORKS): Rs. 5,408,335.56

ATTESTED

 (Engr. Zahid Ali Kolachi)
 Project Engineer
 Ghulam Muhammad Mahal
 Medical College

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MARKET

CIVIL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS

01.		Providing and laying Gutta brick facing 2 1/4"x9"x2 1/4" size of approved design set in cement sand mortar 1:3 including filling the joints with white cement slurry using colour pigment for matching, including levelling, smooth finishing, curing and scaffolding etc. complete as per specification and as directed by the Engineer Incharge (For all height).				
	2,915 Sft	a) Ground Floor	Sft			
02.		Providing and laying Soil/Waste/Vent U-PVC pipes and fittings with plain socket end/spigot ends (heavy grade) confirming to be BS-4514/1983 Specifications complete, jointing with best quality solvent cement joint or rubber ring push fit joint, U-PVC fittings such as bends, tees, crosses, tee, P-trap, Cowels, Clamps and hangers, including excavation and backfilling etc; required for the proper completion of the job complete in all respects, pipes and fittings are first class best quality manufactured by DADEX/AGM or approved equivalent etc; complete in all respects as per drawing and specifications and as directed by the Engineer Incharge.				
	100 Rft	a) 110 mm dia (4" dia for Rain water)	Rft			
03.		Providing and laying Porcelain Tiles Floor of approved size, design and quality laid over 1 3/4" thick C.C. 1:2:4 bed floor including filling and grouting the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.				
		(i) Size of Tile 12" x 12"				
	2654 Sft	a) Ground Floor	Sft			

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figures Rupees	Rate in Words Rupees	Amount
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04. Providing and laying 12" x 6" size Porceline Tiles Skirting of approved design and quality set in cement sand mortar ratio 1:3 including filling the joints with neat white cement slurry using colour pigment for matching, including levelling and curing etc; complete as per specification and as directed by the Engineer Incharge.

222 Sft a) Ground Floor Sft

05. Providing and fixing of UPVC sliding glass or fly proof window of approved make including frames made of sections SY03 1-60 slider or fly system INT. GLZ.SYS. of fixed sound proof using 5mm thick clear glass include hooks towerbolt locks etc. with weather seal and complete and for ventilators of approved make including frames made of sections adhering to the BS7413 code. The rate is also inclusive of glass and silicon sealant. Weather seal is to be provided and is generally bubble EPDM as per ASTM-D412 & ASTM-D2240 as per the specifications provided by the Architect. (For all height).

108 Sft a) Ground Floor Sft

06. Providing and fixing stainless stair case railing of 3'1/2" consisting of horizontal 2-1/2" x 2-1/2" @ bottom and 1-1/2" x 1-1/2" vertical tube 12" c/c and 3" steel tube with round ball as per directions of Engineer Incharge.

120 Rft a) Ground Floor Rft

TOTAL NON-SCHEDULE ITEMS (CIVIL WORKS) : Rs. _____

ATTESTED

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Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MARKET

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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SCHEDULE ITEMS:

1.	87 Point	Wiring for light / fan / exhaust fan point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in slab/wall/column as required. (Schedule Item No. 124-p15)	Point	1130.00		98,310.00
2.	32 Point	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm ² (3/4") PVC conduit recessed in the wall or column as required. (Schedule Item No. 124-p15)	Point	985.00		31,520.00
3.	15 Point	Providing & fixing brass ceiling fan 56" (good quality). (Schedule Item No. 231-p33)	Point	3185.00		47,775.00

TOTAL SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. 177,605.00

ATTESTED



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Medical College Sukkur

GHULAM MUHAMMAD MAHAR MEDICAL COLLEGE, SUKKUR

CONSTRUCTION OF MARKET

ELECTRICAL WORKS

BILL OF QUANTITIES

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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NON-SCHEDULE ITEMS:

A. **SEC-A: WIRING INSTALLATIONS:**

01.		Provide, wire and connect 2x4 + 12.5 sq. mm S/C PVC cable in 25mm dia high impact PVC conduit recessed in slab/wall, complete with all accessories, for:				
101.	8	Nos Circuit for light/fan point	Each			
02.		Provide, fix and connect following accessories 1.5mm thick sheet steel back box of appropriate dimensions recessed in walls:				
201.	2	Nos Double gang switch plate.	Each			
202.	1	Nos Three gang switch plate:	Each			
203.	6	Nos Four gang switch plate.	Each			
204.	15	Nos Solid state fan dimmer with "ON-OFF" control.	Each			
205.	32	Nos 15 amp switch socket outlet plate.	Each			
03.		Provide, install, connect and commission Exhaust fan, complete in all respects.				
301.	1	Nos 18" dia exhaust fan	Each			

B. **SEC: B: SWITCH GEAR:**

01.		Provide, install, connect and commission Main Emergency panel, cubical design, floor mounted, suitable for 500 volts, 3 phase, 4 wire, 50 Hz A/C system and equipped as under:				
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Incoming:

1-40 Amp, TP, 7.5 KA, MCCB,
3-phase indicating lamps:
1-set of Bus bars

ATTESTED



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Medical College Sukkur

S.No.	Quantity	Description	Unit	Rate in Figure Rupees	Rate in Words Rupees	Amount
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Outgoing:

1 Job 9-20 Amps SP, 7.5 KA, MCBs: Each

C. **SEC: C: LIGHT FITTINGS & FIXTURES:**

1. Provide, fix, connect and commission light fixtures Philips make or equivalent with Philips components as approve, complete in all respects and ready for use:

101. 69 Nos Philips Type GKD-240 or equivalent complete with 2x40 W fluorescent lamps. Each

102. 3 Nos Philips Type TMS-140 or equivalent complete with 1x40 W fluorescent lamps. Each

D **SEC: D: EARTHING:**

01. 1 Job Provide, install, test and commission Earth point measuring an earth resistance of not more than "ONE OHM" with 600mm x 600MM x 5mm thick copper plate, burried 5 meters deep or to the depth of water table, whichever is less, filled with lime, salt and charcoal in appropriate ratio, also construct 450 x 450 x 450 deep inspection chamber, complete-with heavy duty C.I. cover with frame, complete in all respects as per drawings and specifications. Each

02. 15 Mtrs Provide, lay and connect 2x8 SWG copper conductors in 25mm dia G.I. Pipe from earth plate to panel. Mtrs

E. **SEC: E: FEEDER:**

02. 100 Mtrs Provide and lay 10mm² 4CORE PVC/PVC cable in 38mm dia D class PVC pipe burried under ground. Mtrs

TOTAL NON-SCHEDULE ITEMS (ELECTRICAL WORKS) : Rs. _____

ATTESTED



(Engr. Zahid Ali Kolachi)
Project Engineer
Ghulam Muhammad Mahar
Medical College Sukkur.