OFFICE OF THE EXECUTIVE ENGINEER,
PROVINCIAL BUILDINGS DIVISION NO. II KARACHI

Sindh Sectt: NO. 4-A, Barrack No. 18, Court Road, Karachi Phone: 021-99204972

No. TC/G-55/PBD-II/2025-2026/1133 Karachi Dated: 04-06-2026

To,

The Director of information,
(Advertisement),
Government of Sindh,
Karachi.

SUBJECT: **PUBLICATION OF NOTICE INVITING TENDERS.**

Enclosed please find herewith (7 Copies) of Notice Inviting Tender for publication in accordance to rule (17) at serial No. 2 of Sindh Public Procurement Rule 2010, one insertion of the well-reputed National Dailies in Sindhi, Urdu and English.

Further it is requested that the advertisement is essential and publication be restricted keeping in view the budgetary constraints.

It is also desired that the advertisement charges for the relevant advertisement shall be met out of the Development /Non Development Budget for which funds are available during the current financial year and also bill may please be sent to this office immediately after publication of tenders so as to clear the charges to avoid accumulation as arrears.

D.A/AS ABOVE:

EXECUTIVE ENGINEER,
PROVINCIAL BUILDING DIVISION NO. II
KARACHI

Copy along with copy of NIT forwarded with compliments for information to:

1. The Secretary, Works & Services Department, Government of Sindh, Karachi.
2. The Secretary, Information Technology Department, Government of Sindh, Karachi for incorporating on the web portal of Government of Sindh, (www.sindh.gov.pk) along with CD.
3. The Chief Minister's Inspection, Enquires & Implementation Team (Technical Wing), Government of Sindh, Hyderabad.
4. The Chief Engineer, Buildings Department, Government of Sindh, Karachi.
5. The Director (A&F) Sindh Public Procurement Regulator Authority, P&D Department. Government of Sindh, Karachi vide letter No. Dir (A&F)/SPPRA/3-6/08/330 dated: 26-11-2008.
6. The Superintending Engineer, Provincial Buildings Circle, Karachi.
7. The Executive Engineer, Provincial Buildings Division No.I, & III, Karachi for information and wide publicity.
8. The Assistant Engineer, Provincial Buildings Sub-Division No. V, VI, VII, VIII, Karachi.
9. Notice Board/CB (Local) DB (Local).

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Sindh Sectt: NO. 4-A, Barrack No. 18, Court Road, Karachi
Phone: 021-99204972

REF NO: TC/G-55/PBD-II/1133 , Dated: 04-06-2026

NOTICE INVITING TENDER

Tenders are invited E-Bid through Newly Method of "EPADS" on Single Stage – Two Envelope procedure from all the eligible bidders as per details below strictly in accordance with SPPRA E-Procurement submission requirements.

S#	Name of Work	PEC Category	Estimated Cost	Time Allowed For Completion	Cost Of Bidding Documents
1.	Establishment of Shaheed Mohtarma Benazir Bhutto Chairs and Convention Center at University of Karachi (HVAC, Elevators, Generators, PA System, Fire Fighting. Fire Alarm system, CCTV, HV Automation and Remaining Civil works).	C-1 or above	1600 M	24 Months	3,000/-

PROGRAMME FOR ISSUE / RECEIPT AND OPENING OF TENDERS

Sr. #	Particular	1st Attempt	2nd Attempt (in case of un-responded tender)
1.	Last date of receipt of application after publication of the NIT in newspaper (office hours any working day from undersigned office)	24-06-2026	13-07-2026
2.	Tender will be receipt at 9:30 A.M and open on the same day at 10:00 AM.	25-06-2026	14-07-2026

TERMS AND CONDITIONS

1. Contract documents and other terms & conditions can be seen and downloaded from the official website of SPPRA EPADS (www.sindh.eprocure.gov.pk). The tenders fee amount to Rs. 3000/- and the Bid security 1% of bid amount in the shape of call deposit / Pay order Demand Draft from any scheduled bank of Pakistan in favor of the Executive Engineer, Provincial Building Division No. II, Karachi shall be attached with the Technical proposal/Bid. Otherwise, such bids shall not be entertained.
2. Tender will be submitted in sealed envelope by hand or through registered mail, to the office of the Executive Engineer, Provincial Building Division No. II, Karachi, barrack No. 18, Block 4-A, Sindh Secretariat, Court Road Karachi.
3. Bid Validity period 90 days.
4. The procurement authority reserves the right to reject any or all the tenders / bids as per SPPRA Rules 2010 (Amended upto date).
5. Undertaking on Stamp paper Rs. 500 containing that: (Mandatory)
   - Firm is not involved in Departmental rift, abandoned or unnecessary delay in completion of any work in the Government and as well as in private organization
   - Affidavit to effect that firm has not been Black listed by any Executing agency or department.
   - List of Litigation (if any) their nature and status / outcomes
   - Affidavit to effect that documents / particular / information furnished are true and correct

MANDATORY ELIGIBILTY CRITERIA:

a) Detailed Eligibility criteria / conditions are attached / available with the bidding documents
b) Five years of experience in the similar type of works. (Mandatory)
c) Turn-Over of atleast 1600 M or above for the last three financial year with Audit Report & should be matched with FBR. (Mandatory).
d) Registration with Income Tax, Sales Tax, Sindh Revenue Board SRB and Three Month Return of All (Mandatory)
e) Registration with PEC Pakistan Engineering Council (Category C-1 or above) in the relevant field of specialization of work and with specialization codes CE01, CE09, CE10 , ME01, ME02, ME03, ME04, EE01, EE02, EE03, EE04, EE05, EE06, EE07, EE08, & EE09 (Mandatory).
f) Copy of Valid Electrical License (Karachi Region)
g) Bio data of Engineering and Technical staff working with the firm along with Attested CVs and their Income Tax Deduction showing employment with the firm (Last 6 Month). Civil, Electrical, Electronics & Mechanical Engineers employment with the firm along with same reflected in PEC License (Mandatory).
h) Valid ISO Certificate 9001 – (Mandatory)
i) List of works indicating cost of each work and copy of letter of award of work of last Three years. With minimum two Projects of cost Rs. 1000 M or above (Completed). (Mandatory)
j) List of Machinery and equipment available with documentary evidence of its ownership / Rental / Leased for the Project.
k) Bank Statement last 3 Months. (Mandatory).
l) Must have 10% Tender biding amount should be show in bank. (Mandatory).
m) Conditional or incomplete tenders will summarily have rejected.
n) Each page of the Bid Document & Profile of firm must be paginated, signed & stamped by Bidder.
o) Any information regarding the project can be obtained from the office of the undersigned during office hours.
p) In case, Government announce any public Holiday on Schedule dates, the tender will be submitted / opened on the next working day, as per schedule in accordance with rule-41(B) of SPPRA 2010 (Amended upto date)

EXECUTIVE ENGINEER,
PROVINCIAL BUILDING DIVISION NO. II
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EXECUTIVE ENGINEER,
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KARACHI

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تم وہ بہترین اُمت ہو جسے انسانوں (کی اصلاح) کے لئے میدان میں لایا گیا۔ (القرآن)

Daily UMMAT Karachi.

روزنامہ اُمت کراچی

ایشیا کی سب سے باقاعدہ تصدیق شدہ اشاعت

SUNDAY JUNE 07, 2026 Regd:S.S-944

جلد ۳۰ شمارہ ۲۹۸ | اتوار ۲۱ ذی الحجہ ۱۴۴۷ھ ۷ رجون ۲۰۲۶ | قیمت ۳۵ روپے

دفتر برائے ایگزیکٹو انجینئر، پراونشل بلڈنگ ڈویژن نمبر۔II کراچی

سندھ سیکٹر نمبر:A-4، بیرک نمبر 18، کورٹ روڈ، کراچی

فون:021-99204972 حوالہ نمبر:TC/G-55/PBD-II/1133، تاریخ:04-06-2026

ٹینڈرز کو مدعو کرنے کا نوٹس

تمام اہل بولی دہندگان سے سنگل اسٹیج ٹو لفافے کے طریقہ کار پر ای پی اے ڈی ایس "کے نئے طریقہ کے ذریعے ایس پی پی آر اے ای پروکیورمنٹ جمع کرانے کی ضروریات کے مطابق نیچے دی گئی تفصیلات کے مطابق ٹینڈرز کو مدعو کیا جاتا ہے۔

نمبر	کام کا نام	پی ای سی کیٹیگری	تخمینہ لاگت	تکمیل کی مدت	بولی دستاویزات کی قیمت
1۔	کراچی یونیورسٹی میں شہید محترمہ بینظیر بھٹو چیئرز اور کنونشن سینٹر کا قیام (HVAC، ایلیویٹرز، جنریٹرز، PA سسٹم، فائر فائٹنگ۔ فائر الارم سسٹم، CCTV، HV آٹومیشن اور باقی سول ورکس)۔	C-1 یا اس سے اوپر	1600 ملین	24ماہ	3,000

ٹینڈرز کے اجرائی/رسید اور کھولنے کا پروگرام

نمبر شمار	تفصیلات	پہلی کوشش	دوسری کوشش (غیر جوابی ٹینڈر کی صورت میں)
1	اخبار میں NIT کی اشاعت کے بعد درخواست کی وصولی کی آخری تاریخ (دفتری اوقات کسی بھی کاروباری روز زیر دستخط دفتر سے)	24-06-2026	13-07-2026
2	ٹینڈر صبح 9:30 بجے وصول کیے جائیں گے اور اسی دن صبح 10:00 بجے کھلیں گے۔	25-06-2026	14-07-2026

شرائط وضوابط

1۔ معاہدے کی دستاویزات اور دیگر شرائط وضوابط کو SPPRA EPADS کی آفیشل ویب سائٹ (www.sindh.eprocure.gov.pk) سے دیکھا اور ڈاؤن لوڈ کیا جاسکتا ہے۔ ٹینڈر زکی فیس 3000 روپے ہے۔ اور بولی کی سیکیورٹی بولی کی رقم کا 1% کال ڈپازٹ/پے آرڈر/ڈیمانڈ ڈرافٹ کی شکل میں پاکستان کے کسی بھی شیڈول بینک سے ایگزیکٹو انجینئر، صوبائی بلڈنگ ڈویژن نمبر II، کراچی کے حق میں تکنیکی تجویز/بولی کے ساتھ منسلک کیا جائے گا۔ بصورت دیگر، ایسی بولیوں کو قبول نہیں کیا جائے گا۔

2۔ ٹینڈر مہر بند لفافے میں ہاتھ سے یا رجسٹرڈ ڈاک کے ذریعے، دفتر ایگزیکٹو انجینئر، صوبائی بلڈنگ ڈویژن نمبر II، کراچی، بیرک نمبر 18، بلاک 4-A، سندھ سیکریٹریٹ، کورٹ روڈ کراچی میں جمع کرایا جائے گا۔

3۔ بولی کی میعاد کی مدت 90 دن۔

4۔ پروکیورمنٹ اتھارٹی SPPRA رولز 2010 (تاریخ میں ترمیم شدہ) کے مطابق کسی بھی یا تمام ٹینڈرز/بولیوں کو مسترد کرنے کا حق محفوظ رکھتی ہے۔

5۔ 500 روپے کے اسٹامپ پیپر پر انڈر ٹیکنگ: (لازمی)

۔فرم میں کسی بھی سرکاری اور نجی ادارے مٹ کام کی تکمیل میں نگمانہ فساد، ترک یا غیر ضروری تاخیر میں ملوث نہیں ہے۔

۔کسی بھی ایگزیکیٹنگ ایجنسی یا محکمے کے ذریعہ اس فرم کو بلیک لسٹ نہیں کیا گیا ہے۔

۔قانونی چارہ جوئی کی فہرست (اگر کوئی ہے) ان کی نوعیت اور حیثیت/نتائج

۔حلف نامہ اس بات پر اثر انداز ہونے کے لیے کہ پیش کی گئی دستاویزات/خاص/معلومات درست اور درست ہیں۔

لازمی اہلیت کا معیار:

a) تفصیلی اہلیت کے معیار/شرائط بولی کے دستاویزات کے ساتھ منسلک/دستیاب ہیں۔

b) اسی قسم کے کاموں میں پانچ سال کا تجربہ۔ (لازمی)

c) پچھلے تین مالی سال کے لیے کم از کم 1600 ملین یا اس سے زیادہ کا ٹرن اوور آڈٹ رپورٹ کے ساتھ اور FBR سے مماثل ہونا چاہیے۔ (لازمی)۔

d) انکم ٹیکس، سیلز ٹیکس، سندھ ریونیو بورڈ SRB کے ساتھ رجسٹریشن اور سب کا تین ماہ کا ریٹرن (لازمی)

e) PEC پاکستان انجینئرنگ کونسل (کیٹیگری C-1 یا اس سے اوپر) کے ساتھ کام کی تخصص کے متعلقہ شعبے میں اور اسپیشلائزیشن کوڈز ME02,ME01,CE10,CE09,CE01, EE03EE08,EE, EE07,EE6,EE03,EE02,EE01,ME04,ME03, اور EE09 (لازمی)۔

f) درست الیکٹریکل لائسنس کی کاپی (کراچی ریجن)

g) فرم کے ساتھ کام کرنے والے انجینئرنگ اور تکنیکی عملے کا بائیو ڈیٹا اور تصدیق شدہ CV اور ان کی انکم ٹیکس گوشوارہ جو فرم کے ساتھ ملازمت ظاہر کرتی ہے (آخری 6 ماہ)۔ سول، الیکٹریکل، الیکٹرانکس اور مکینیکل انجینئرز کی فرم کے ساتھ ملازمت PEC لائسنس (لازمی) میں ظاہر ہوتی ہے۔

h) درست ISO-9001 سرٹیفکیٹ (لازمی)

i) کاموں کی فہرست جو ہر کام کی لاگت کو ظاہر کرتی ہے اور پچھلے تین سالوں کے کام کے ایوارڈ کے لیٹر کی کاپی۔ کم از کم دو منصوبوں کے ساتھ لاگت روپے M1000 یا اس سے اوپر (مکمل) (لازمی)

j) اس کی ملکیت کے دستاویزی ثبوت کے ساتھ دستیاب مشینری اور آلات کی فہرست/رینٹل/پروجیکٹ کے لیے لیز پر۔

k) پچھلے 3 مہینوں کا بینک اسٹیٹمنٹ۔ (لازمی)۔

l) 10% ٹینڈر بولی کی رقم ہونی چاہیے بینک میں دکھائی جائے۔ (لازمی)۔

m) مشروط یا نامکمل ٹینڈرز کو سرسری طور پر مسترد کر دیا جائے گا۔

n) بولی کے دستاویز اور فرم کے پروفائل کا ہر صفحہ بولی دہندہ کے ذریعہ صفحہ بندی، دستخط اور مہر لگانا ضروری ہے۔

o) پراجیکٹ سے متعلق کوئی بھی معلومات دفتری اوقات میں زیر دستخطی کے دفتر سے حاصل کی جاسکتی ہیں۔

p) اگر حکومت، شیڈول کی تاریخوں پر کسی بھی عوامی تعطیل کا اعلان کرتی ہے، تو ٹینڈر اگلے کام کے دن جمع کرایا جائے گا/کھولا جائے گا، SPPRA 2010 کے قاعدہ 41(B) کے مطابق شیڈول کے مطابق (تاریخ میں ترمیم شدہ)

ایگزیکٹو انجینئر،
پراونشل بلڈنگ ڈویژن نمبر۔II
کراچی

INF-KRY 2307/2026

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DAILY KAWISH
Daily Kawish Hyderabad
روزانه ڪاوش
(جلد 36) آچر 07 جون 2026ع بمطابق 21 ذوالحج 1447ھ (شمارو 304) قيمت 40 روپيا
Sunday, 07 June, 2026

آفيس آف دي ايگزيڪيوٽو انجنيئر
پراونشل بلڊنگس ڊويزن نمبر. II، ڪراچي

سنڌ سيڪريٽريٽ A_4، بيرڪ نمبر. 18، ڪورٽ روڊ، ڪراچي فون نمبر: 021_99204972

REF No. TC/G-55/PBD-II/1133 Dated: 04.06.2026

ٽينڊر گھرائڊ جو نوٽيس

ايس پي بي آر اي- پروڪيورمينٽ جي اماٿ جي گھرجن سان مطابقت ۾ سمورن واڪ ٽينڈرن کان هيٺ جاٿايل تفصيل موجب سنگل اسٽيج سنگل ٽو اينويلپ طريقيڪار تي EPADS جي نئين طريقيڪار معرفت اي واڪ گھرائجن ٿا.

Sr	ڪم جو نالو	PEC ڪيٽيگري	ڪٽيل لاڳت	تڪميل لاءِ ڏنل ملهه	واڪ ڪاغذن جي قيمت
1.	يونيورسٽي آف ڪراچي ۾ شهيد محترمه بينظير ڀٽو چيئرس اينڈ ڪنونشن سينٽر جو قيام (HVAC، ايليويٽرز، جنريٽرز، پي اي سسٽم، فائير فائيٽنگ، فائير الارم سسٽم، سي سي ٽي وي، ايڇ وي آٽوميشن ۽ رهيل سول ورڪس).	C-1 يا مٿي	1600 (ايم)	24 مهينا	3000

ٽينڊر جي اجراءَ /وصولي ۽ کولڻ لاءِ پروگرام

Sr	تفصيل PEC ڪيٽيگري ڪٽيل لاڳت	پهريون پيرو	ٻيو پيرو (ٽينڈرن کي موٽ نه ملڻ جي صورت ۾)
01	اخبارن ۾ لين آوٽي جي اشاعت کانپوءِ درخواستن جي وصولي جي آخري تاريخ (هيٺ صحيح ڪنڈ جي آفيس مان ڪنهن ڪم ڪار واري ڏينهن تي آفيس وقت دوران)	24-06-2026	13-07-2026
02	ٽينڊر صبح 9:30 وڳي وصول ڪيا ۽ ساڳي ڏينهن صبح 10 وڳي کوليا ويندا	25-06-2026	14-07-2026

شرط ۽ ضابطا:

1. ٽيڪي جا دستاويز ۾ ٻيا شرط ۽ ضابطا ڏسي سگھجن ٿا ۽ اهي ايس پي بي آر اي EPADS جي سرڪاري ويب سائيٽ (www.sindh.eprocure.gov.pk) تان ڊائون لوڊ ڪري سگھجن ٿا. 3000 روپين جي ٽينڊر فيءَ واڪ رقم جي 1% واڪ سيڪيورٽي پاڪستان جي ڪنهن شيڊيول بينڪ مان ڪال ڊپازٽ/ پي آرڊر/ ڊماند ڊرافٽ جي صورت ۾ بحق ايگزيڪيوٽو انجنيئر، پراونشل بلڊنگس ڊويزن نمبر. II ڪراچي ٽيڪنيڪل پروپوزل/واڪ سان لازمي شامل هٽڻ گھرجي. بي صورت ۾ اهڙا ٽينڊر غور حاصل نه ڪندا.
2. ٽينڊر مهربند لفافن ۾ هٿوهٿ يا رجسٽرڊ ٽپال معرفت آفيس آف دي ايگزيڪيوٽو انجنيئر، پراونشل بلڊنگ ڊويزن نمبر II ڪراچي، بشرڪ نمبر 18، بلاڪ A-4، سنڌ سيڪريٽريٽ، ڪورٽ روڊ ڪراچي ڪي لازمي اماٿ گھرجن. ٻ
3. واڪ جو ڪارگر رهڻ واروءَ مدو: 90 ڏينهن.
4. پروڪيورمينٽ اختياري ايس پي بي آر اي رولز 2010 (اڄ تائين ترميم ٿيل) موجب ڪنهن به يا سمورن ٽينڈرن /واڪن کي رد ڪرڻ جو حق محفوظ رکي ٿي.
5. 500 روپين جي استامپ پيپر تي مشتمل لکت ت: (ضروري)

- فرم ڪنهن قانوني چاره جوئي ۾ ملوث ناهي ۽ نه ئي ڪنهن سرڪاري تورڻي نجي آرگنائيزيشنز جي ڪم جي تڪميل ۾ غير ضروري دير ڪئي آهي.
- ان امر بابت حلف نامو ته فرم کي ڪنهن ايگزيڪيوٽنگ ايجنسي يا ڪاتي پاران اڳواٽ بليڪ لسٽ نه ڪيو ويو آهي .
- مقدمي بازي جي فهرست (جيڪڏهن ڪا هجي) سندن نوعيت/ حيثيت ۽ نتيجا.
- ان امر بابت حلف نامو ته جمع ڪرايل ڪاغذ/ تفصيل/ معلومات صحيح ۽ سچا آهن ۽ فرم بليڪ لسٽ ٿيل نه آهي (ضروري).

ضروري اهليت معيار:

a. تفصيلي اهليت معيار/شرط واڪ دستاويزن ۾ شامل/دستياب آهن
b. ساڳي نوعيت جي ڪم ۾ 05 سال تجربو (ضروري).
c. گڏيل ٽن سالن مالي سالن واسطي جي گھٽ ۾ گھٽ 1600 ايم يا ان کان مٿي جو ٽرن اوور سالڊ آڊٽ رپورٽ ۽ انڪم ايف بي آر سان ملندڙ هٽڻ گھرجي. (ضروري).
d. انڪم ٽيڪس، سيلز ٽيڪس، سنڌ روينيو بورڊ ايس آر بي سان رجسٽريشن ۽ ٽن مهينن جا سمورا گوشوارا (ضروري).
e. PEC پاڪستان انجنيئرنگ ڪائونسل سان واسطيدار شعبي جي ورڪ آف اسپيشلائيزيشن ۾ (ڪٽيگري C-1 يا ان کان مٿي) سان رجسٽريشن ۽ اسپيشلائيزيشن ڪوڊز CE-09, CE-10, EE-01, EE-02, EE03, EE04, EE05, EE06, EE07, CE-01, EE08, EE09 & ME01, ME02, ME03, ME04 (ضروري).
f. ڪارگر اليڪٽرڪ لائسنس (ڪراچي ريجن) جي ڪاپي
g. فرم سان ڪم ڪندڙ انجنيئرنگ ۽ ٽيڪنيڪل عملي جي بايوڊيٽا سان تصديق ٿيل سي وي ۽ سندن انڪم ٽيڪس ڊيڊڪشن ڊيڪارينڊز فرم سان ملازمت (گڏيل 06 مهينا). سول ۽ اليڪٽريڪل ، اليڪٽرانڪس ۽ مڪينڪل انجنيئر ايمپلائمينٽ فرم سان گڏوگڏ PEC لائسنس ۽ ڊيڪاريل (ضروري).
h. ڪارگر ISO سرٽيفڪيٽ 9001 (ضروري)
i. گڏيل 03 سالن ۾ ملندڙ ڪم جي ليٽر جي ڪاپي ۽ هر هڪ ڪم جي لاڳت ڊيڪارينڊز ڪم جي فهرست سان ساڳي 1000 (ايم) يا ان کان مٿي (مڪمل) ڪيل لاڳت جا گھٽ ۾ گھٽ 02 پروجيڪٽس (ضروري).
j. پروجيڪٽ لاءِ دستياب مشينري ۽ ايڪيوپمينٽ جي فهرست سان ان جي مالڪي/ مسواڻ تي/ ليز تي ورتل جا دستاويزي ثبوت.
k. گڏيل 03 مهينن جي بئنڪ اسٽيٽمينٽ (ضروري) .
l. ٽينڊر واڪ رقم جو 10 سيڪڙو ر ڪنڊ بئنڪ ۾ لازمي ڊيڪاريل هجي. (ضروري)
m. شرطيه ۽ اڻپورا ٽينڊر رد ڪيا ويندا.
n. واڪ ٽينڈرن پاران واڪ ڪاغذن جو هر هڪ صفحو ۽ فرم جي پروفائل تي نمبر لڳل هجي، سائن ٿيل ۽ مهر لڳل هجي.
o. پروجيڪٽ بابت ڪابه معلومات هيٺ صحيح ڪنڈ جي آفيس مان آفيس وقت دوران حاصل ڪري سگھجي ٿي.
p. جاٿايل تاريخ تي سرڪار پاران عام موڪل جو اعلان ڪرڻ جي صورت ۾ ٽينڈر ورندڙ ڪم ڪار واري ڏينهن تي اماٿيا/ کوليا ويندا، جيئن ايس پي بي آر اي 2010 (اڄ تائين ترميم ٿيل) جي رول-41(b) سان مطابقت ۾ شيڊيول موجب آهي.

ايگزيڪيوٽو انجنيئر

پراونشل بلڊنگس ڊويزن نمبر. II ڪراچي

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دفتر ایگزیکٹیو انجینئر پراونشل بلڈنگز ڈویژن نمبر II کراچی

سندھ سیکریٹریٹ نمبر 4-A بیرک نمبر 18 ، کورٹ روڈ، کراچی فون:- 021-99204972

نمبر: TC/G-55/PBD-II/1133 مورخہ 04-06-2026

(ٹینڈر طلبی نوٹس)

درج ذیل تفصیلات کے مطابق اہل پیشکش دہندگان سے SPPRA ای پروکیورمنٹ کمیشن ریگولیٹرمنٹس کی مطابقت میں سنگل اسٹیج۔ دولفافے طریقہ کار کے تحت "EPADS" کے نئے عمل کے ذریعے ای۔ بڈز، ٹینڈرز مطلوب ہیں۔

نمبر شمار	کام کا نام	PEC کیٹگری	تخمینی لاگت	مدت برائے تکمیل	بڈنگ ڈاکومنٹس کی قیمت
1-	قیام، شہید محترمہ بینظیر بھٹو چیئرز اینڈ کنونشن سینٹر، مقام یونیورسٹی آف کراچی (HVAC ،الیویٹرز، جنریٹرز، PA سسٹم، فائر فائٹنگ، فائرالارم سسٹم، CCTV ، HV آٹومشین اور بقایا سول ورکس)	C-1 یا بالا	1600 ملین	24 ماہ	3000/-

ٹینڈر کے اجرا / وصولی اور کھولنے کیلئے پروگرام

نمبر شمار	کوائف	پہلی کوشش	دوسری کوشش (ٹینڈر عدم جواب رہنے کی صورت میں)
1-	این آئی ٹی کی اخبارات میں اشاعت کے بعد (زیر دستخطی کے دفتر میں کسی بھی یوم کار میں دفتری اوقات کے دوران) درخواست وصول کرنیکی آخری تاریخ	24-06-2026	13-07-2026
2-	ٹینڈر بروقت دن ساڑھے نو بجے وصول اور اسی روز بروقت دن دس بجے کھولے جائینگے	25-06-2026	14-07-2026

شرائط و ضوابط

1- کنٹریکٹ ڈاکومنٹس و دیگر شرائط و ضوابط SPPRA EPADS کی دفتری ویب سائٹ (www.sindh.eprocure.gov.pk) سے ملاحظہ کیے اور ڈاؤن لوڈ کیے جاسکتے ہیں۔ ٹینڈر فیس مبلغ -/3000 روپے اور پیش کردہ رقم کی ایک فیصد بڈ سیکورٹی پاکستان کے کسی شیڈول بنک کے کال ڈپازٹ / پے آرڈر / ڈیمانڈ ڈرافٹ کی صورت بحق ایگزیکٹیو انجینئر پراونشل بلڈنگز ڈویژن نمبر II کراچی ٹیکنیکل پروپوزل اپڈ کے ہمراہ فسلک کی جائیگی۔ اس کے بغیر پیشکشوں کو پذیرائی نہیں ملے گی۔ (2) سربمہر لفافے میں ٹینڈر بذریعہ رجسٹرڈ ڈاک یا دستی، دفتر ایگزیکٹیو انجینئر پراونشل بلڈنگز ڈویژن نمبر II کراچی، بیرک نمبر 18 بلاک 4-A سندھ سیکریٹریٹ، کورٹ روڈ، کراچی میں جمع کرائے جائینگے۔ (3) پیشکش کی قابل میعاد مدت 90 یوم ہے۔

4- پروکیورمنٹ اتھارٹی کا SPPRA قوانین 2010 (ایٹک ترمیم شدہ) کے مطابق کسی یا تمام ٹینڈروں / پیشکشوں کو مسترد کرنیکا حق محفوظ ہے۔

5- مبلغ -/500 روپے مالیت کے اسٹامپ پیپر پر بیان کہ: (لازمی)

☆ فرم کسی سرکاری نیم فنی ادارہ کیساتھ ملکمانہ تنازعہ، کوتاہی یا کسی کام کی تکمیل میں غیر ضروری تاخیر میں ملوث نہیں ہے۔ (☆) حلف نامہ کہ فرم کسی تعمیری ادارے یا محکمے سے بلیک لسٹ نہیں ہوئی ہے۔ (☆) مقدمات کی فہرست (اگر ہیں) ان کی نوعیت اور حالت / نتائج۔ (☆) حلف نامہ کہ ارسال کردہ دستاویزات / کوائف / معلومات سچی اور درست ہیں۔

لازمی اہلیت کا معیار

(a) مفصل اہلیت کا معیار / شرائط بڈنگ ڈاکومنٹس کیساتھ منسلک / دستیاب ہیں۔ (b) مماثل نوعیت کے کاموں کا پانچ سالہ تجربہ (لازمی) (c) گذشتہ تین برس کے دوران کم از کم 1600 ملین یا زائد کا ٹرن اوور اور بمع آڈٹ رپورٹ اور FBR کے مساوی ہونا چاہیے (لازمی) (d) محکمہ انکم ٹیکس، سیلز ٹیکس، سندھ ریونیو بورڈ SRB کیساتھ رجسٹریشن اور سب کی تین ماہ کی ریٹرن۔ (e) پاکستان انجینئرنگ کونسل (PEC) کیساتھ رجسٹریشن (کیٹگری C-1 یا بالا) متعلقہ شعبہ میں کام کی مہارت کے ساتھ اور مہارت کیلئے کوڈ EE-03 ، EE-02 ، EE-01 ، ME-04 ، ME-03 ، ME-02 ، ME-01 ، CE-10 ، CE-09 ، CE-01 ، EE-04 ، EE-05 ، EE-06 ، EE-07 ، EE-08 اور EE-09 (لازمی) (f) قابل میعاد الیکٹریکل لائسنس (کراچی ریجن) کی کاپی۔ (g) فرم کیساتھ کام کرنیوالے انجینئرنگ و ٹیکنیکل اسٹاف کے کوائف بمع تصدیق شدہ CVs اور فرم کیساتھ ملازمت کو ظاہر کرتے ہوئے انکم ٹیکس ڈیڈکشن (برائے چھ ماہ)۔ فرم کیساتھ PEC لائسنس میں ظاہر کردہ مماثل کیٹیگریز کیساتھ ملازمت میں سول، الیکٹریکل، الیکٹرونکس و مکینکل انجینئرز (لازمی) (h) قابل میعاد ISO سرٹیفکیٹ 9001 (لازمی) (i) گذشتہ تین برس کے دوران کاموں کی فہرست، ہر کام کی لاگت کا بیان بمع لیٹر آف ایوارڈ / آف ورک کی کاپی، بمع کم از کم -/1000 ملین یا زائد لاگت کے (تکمیل کردہ) دو کام (لازمی) (j) پروجیکٹ کیلئے فنی / کرایہ / ٹھیکے پر حاصل کردہ دستیاب مشینری و آلات کی فہرست بمع دستاویزی ثبوت۔ (k) گذشتہ تین ماہ کا بنک گوشوارہ (لازمی) (l) بنک میں 10% ٹینڈر بڈنگ رقم کی لازماً دستیابی۔ (m) مشروط یا ادھورے ٹینڈر فی الفور مسترد کیے جائینگے۔ (n) فرم کے بڈ / اکومنٹ اور پروفائل کے ہر صفحے کو لازماً نمبر دیا جائے اور پیشکش دہندہ کی جانب سے دستخط و مہر شدہ ہو۔ (o) پروجیکٹ سے متعلقہ کوئی بھی معلومات زیر دستخطی کے دفتر سے دفتری اوقات کے دوران حاصل کی جاسکتی ہیں۔ (p) مقررہ تاریخ کو حکومت کی جانب سے اعلان تعطیل کی صورت میں ٹینڈر اگلے یوم کار میں SPPRA-2010 (ایٹک ترمیم شدہ) کے ضابطہ (B) 41 کی مطابقت میں شیڈول کے مطابق جمع کرائے / کھولے جائینگے۔

دستخط

ایگزیکٹیو انجینئر

پراونشل بلڈنگز ڈویژن نمبر II ، کراچی

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دفتر ایگزیکٹو انجینئر
پراونشل بلڈنگز ڈویژن نمبر II، کراچی
بیرک نمبر 18، بلاک 4-A، سندھ سیکریٹریٹ صدر کراچی
فون: 021-99204972

No. TC G-55 PBD-II/1133 Dated: 04-06-2026

ٹینڈرز طلبی نوٹس

درج ذیل کاموں کے لیے ایس پی پی آر اے، ای پروکیورمنٹ جمع کرانے کی ضروریات کے مطابق ای پیڈس کے نئے طریقہ کار کے ذریعے ایک مرحلے پر دو لفافی طریقہ کار پر درج ذیل تفصیل کے مطابق اہل بولی دہندگان سے سربمہر ٹینڈرز مطلوب ہیں۔

شمار نمبر	کام کا نام	PEC کیٹگری	لاگت تخمینہ	تکمیل کی میعاد	بولی دستاویزات کی مالیت
1-	جامعہ کراچی میں شہید محترمہ بے نظیر بھٹو چیئر اور کنونشن سینٹر کا قیام (HVAC الیویٹرز، جنریٹرز، پی اے سسٹم، فائر فائٹنگ، فائر الارم سسٹم، سی سی ٹی وی، ایچ وی آئی آٹومیشن اور ہیٹ پمپ سول ورکس)۔	C-1 یا اُس سے بالا	1600 ملین	24ماہ	3000/-

ٹینڈرز کے اجراء / وصولی اور کھلنے کا پروگرام

شمار نمبر	تفصیل	پہلی مرتبہ	دوسری مرتبہ (ٹینڈرز کا ثبت جواب نہ ملنے کی صورت میں)
1	درخواستوں کی وصولی اور ٹینڈرز کے اجراء کی حتمی تاریخ NIT کی اخبارات میں اشاعت کے بعد (زیر تخلیٰ کے دفتر سے کسی بھی یوم کار کو دفتری اوقات میں)	24062026	13-07-2026
2	ٹینڈرز صبح 09:30 بجے تک وصول کیے جائیں گے اور اسی روز صبح 10:00 بجے کھولے جائیں گے	25062026	14-07-2026

شرائط و ضوابط:

1- کنٹریکٹ دستاویزات اور دیگر شرائط وضوابط ایس پی پی آر اے ای پیڈس کی آفیشل ویب سائٹ یعنی (www.sindh.eprocure.gov.pk) سے دیکھی جاسکتی ہیں یا ڈاؤن لوڈ بھی کی جاسکتی ہیں۔ -/3000 روپے ٹینڈر فی کی رقم اور 1% بڈ سیکورٹی بصورت کال ڈپازٹ/پے آرڈر کسی بھی شیڈول بینک آف پاکستان سے حق ایگزیکٹو انجینئر، پراونشل بلڈنگز ڈویژن-II، کراچی ٹیکنیکل پروپوزل/پیشکش کے ساتھ منسلک ہونی چاہیے، بصورت دیگر ایسے ٹینڈرز شامل/قبول نہیں کیے جائیں گے۔

2- ٹینڈر سربمہر لفافے میں ذاتی طور پر یا رجسٹرڈ میل کے ذریعے دفتر ایگزیکٹو انجینئر، پراونشل بلڈنگز ڈویژن-II، کراچی بیرک نمبر 18، بلاک 4-A، سندھ سیکریٹریٹ صدر کراچی میں جمع کرایا جائے گا۔

3- پیشکش کی کارآمدی میعاد 90 دن ہوگی۔

4- پروکیورمنٹ اتھارٹی ایس پی پی آر اے رولز 2010 (تاحال ترمیم شدہ) کے مطابق کسی یا تمام ٹینڈرز/پیشکشوں کو مسترد کرنے کا حق محفوظ رکھتی ہے۔

5- -/500 روپے کے اسٹامپ پیپر پر حلف نامہ (لازمی طور پر) درج ذیل پر مشتمل ہوگا:

☆ فرم کسی قانونی چارہ جوئی، کسی مجرمانہ فراڈ میں ملوث نہیں اور سرکاری یا نجی ادارے کے کسی کام کی تکمیل میں رکاوٹ یا تاخیر نہیں کی ہے۔

☆ حلف نامہ کہ فرم کسی بھی ایگزیکٹو انجینئر یا محکمہ کی جانب سے بلیک لسٹ نہیں ہے۔

☆ قانونی چارہ جوئی کی فہرست (اگر کوئی ہو)، اس کی نوعیت اور اسٹیٹس/نتائج۔

☆ حلف نامہ کہ دی گئی تمام دستاویزات/تفصیل/معلومات درست اور سچی ہے۔

لازمی اہلیت کا معیار:

a) تفصیلی اہلیت کا معیار/ضوابط بولی کی دستاویزات کے ساتھ منسلک/دستیاب ہیں۔

b) گذشتہ پانچ سال کے دوران اسی نوعیت کے کاموں کی تکمیل کا تجربہ (لازمی)۔

c) گذشتہ تین مالی سال کے لیے کم از کم 1600 ملین یا اُس سے زیادہ کا ٹرن اوور مع آڈٹ رپورٹ FBR کی موافقت (لازمی) میں ہونی چاہیے۔

d) انکم ٹیکس، سیلز ٹیکس، سندھ ریونیو بورڈ ایس آر بی کے ساتھ رجسٹریشن اور تمام کے تین ماہ کے ریٹرن (لازمی)۔

e) پاکستان انجینئرنگ کونسل PEC کے ساتھ (C-1 یا اس سے بالا کیٹگری) میں متعلقہ شعبہ کے کام کی اسپیشلائزیشن اور اسپیشلائزیشن کوڈز CE01، CE09، CE10، ME01، ME02، ME03، ME04، EE01، EE02، EE03، EE04، EE05، EE06، EE07، EE08 اور EE09 میں رجسٹریشن (لازمی)۔

f) الیکٹرک لائسنس (کراچی ریجن) کی کارآمد کاپی۔

g) فرم کے ساتھ کام کرنے والے انجینئرز اور ٹیکنیکل عملے کا بایوڈیٹا مع تصدیق شدہ CVs اور اُن کے کنوائی شدہ انکم ٹیکس (گذشتہ 6 ماہ کی) جو فرم کے ساتھ اُن کی ملازمت کو ظاہر کریں۔ فرم کے ساتھ ملازمت کرنے والے سول، الیکٹریکل، الیکٹرانکس اور مکینیکل انجینئرز مع اُن کے PEC لائسنس (لازمی)۔

h) کارآمد ISO سرٹیفکیٹ 9001 (لازمی)۔

i) گذشتہ تین سالوں کے دوران تفویض کردہ کاموں کے ساتھ کاموں کی فہرست بشمول ہر کام کی مالیت۔ اُن میں سے کم از کم دو کام 1000 ملین یا اس سے بالا کے (مکمل شدہ) (لازمی) ہونے چاہئیں۔

j) پروجیکٹ کے لیے دستیاب مشینری آلات کی فہرست مع اُن کی ملکیت/کرایہ لیز شدہ ہونے کے دستاویزی شواہد۔

k) گذشتہ 3 ماہ کی بینک اسٹیٹمنٹ (لازمی)۔

l) بینک میں لازمی طور پر ٹینڈر بڈنگ کی 10% رقم لازمی ظاہر ہونی چاہیے (لازمی)۔

m) مشروط یا نامکمل ٹینڈرز موقع پر ہی مسترد کر دیے جائیں گے۔

n) بولی دہندہ کی جانب سے فرم کی پروفائل اور بڈ دستاویز کا ہر صفحہ دستخط اور مہر شدہ اور صفحہ نمبر شدہ ہونا چاہیے۔

o) پروجیکٹ سے متعلق کوئی بھی معلومات زیر تخلیٰ کے دفتر سے دفتری اوقات کے دوران حاصل کی جاسکتی ہے۔

p) شیڈول تاریخوں پر حکومت کی جانب سے عام تعطیل کے اعلان کی صورت میں ٹینڈر آئندہ یوم کار کو ایس پی پی آر اے 2010 کے رول 41(B) (تاحال ترمیم شدہ) کے تحت شیڈول کے مطابق جمع کرایا اور کھولا جائے گا۔

INF/KRY/NO.2307/2026

ایگزیکٹو انجینئر
پراونشل بلڈنگز ڈویژن II، کراچی

WORK FOR SINDH www.work4sindh.com JOB PORTAL BY INFORMATION DEPARTMENT

GOVERNMENT OF SINDH
WORKS & SERVICES DEPARTMENT
Karachi, dated the 18th August, 2022

NOTIFICATION

No.E&A(W&S)3-9/91-2022(Karachi)(CRC): With the approval of Competent Authority the Complaint Redressal Committee, in terms of Rule-31 of Sindh Public Procurement Rules-2010 (Amended-upto-date), is hereby constituted for the redressal of grievances and settlements of disputes, if any, arise between procuring agency and bidders, in the office of **Superintending Engineer, Provincial Buildings Circle Karachi** with the following composition:-:-

1	Superintending Engineer, Provincial Buildings Circle, Karachi	**Chairman**
2.	(Divisional Accounts Officer) Representative of the Accountant, General Sindh.	**Member**
3.	Mr. Arif Nazar (M/S. Atif Nazar (Pvt.) Ltd.).	**Member**

The Functions & Responsibilities of the committee will be same as specified in Rules-31 (4) & (5) of Sindh Public Procurement Rules-2010 (Amended-upto-date).

IMRAN ATTA SOOMRO
SECRETARY TO GOVERNMENT OF SINDH

No.E&A(W&S)3-9/91-2022(Karachi(CRC): Karachi, dated the 18th August, 2022

Forwarded for information & further necessary action:-

1. The Accountant General, Sindh, Karachi.
2. The Chief Engineer (Buildings) Karachi/Hyderabad.
3. The Superintending Engineer, Provincial Buildings Circle, Karachi.
4. The Chairman / Members of the Committee.
5. The Executive Engineer, Provincial Buildings Division-II, Karachi.
6. P.S to Secretary, Works &Services Department, Karachi.
7. P.A to Additional Secretary (Admn.), Works & Services Department.
8. P.A to Deputy Secretary (Admn.), Works & Services Department.
9. Notification file.

18/8/22

(NASRULLAH SOOMRO)
SECTION OFFICER (GENERAL)
FOR SECRETARY TO GOVT. OF SINDH

GOVERNMENT OF SINDH
WORKS & SERVICES DEPARTMENT
Karachi, dated the 1st October, 2025

NOTIFICATION

No.E&A(W&S)3-9/91/Karachi: With the approval of Competent Authority, a **Procurement Committee**, in terms of Rule-7 & 8 of the Sindh Public Procurement Rules-2010 (Amended up-to-date) is hereby reconstituted in the office of Executive Engineer, Provincial Buildings Division-II, Karachi with the following composition: -

PROCUREMENT COMMITTEE:-

1.	Executive Engineer, Provincial Buildings Division No.II, Karachi	Chairmen.
2.	Assistant Engineer, Provincial Buildings Sub Division-VI,	Member.
3.	Assistant Engineer, Minorities Affairs Department, Govt. of Sindh, Karachi.	Member.

MUHAMMAD NAWAZ SOHOO, PAS
SECRETARY TO GOVT. OF SINDH

No.E&A(W&S)3-9/91/Karachi Karachi, dated the 1st October, 2025

A copy is forwarded for information and necessary action to: -

1. The Accountant General, Sindh, Karachi.
2. The Managing Director, SPPRA, Karachi.
3. The Chief Engineer (Buildings), Karachi.
4. The Superintending Engineer, Provincial Buildings Circle, Karachi.
5. The Chairman/Members of the Committee.
6. The Executive Engineer, Provincial Buildings Division-II, Karachi.
7. PS to Secretary, W&S Department, Govt. of Sindh, Karachi.
8. Office order file.

01/10/25

for **SECTION OFFICER (GENERAL)**
FOR SECRETARY TO GOVT. OF SINDH

TENDER DOCUMENT

(SINGLE STAGE TWO ENVELOPE PROCEDURE)

VOLUME – I

INSTRUCTIONS TO PROCUREMENT AGENCIES
INSTRUCTIONS TO BIDDERS
APPENDICES TO BID
FORMS OF BID
FORMS
PART – I GENERAL CONDITIONS OF CONTRACT
PART – II SPECIAL CONDITIONS OF CONTRACT
DRAWING
BILL OF QUANTITIES

Name of Work: **Establishment of Shaheed Mohtarma Benazir Bhutto Chairs and Convention Center at University of Karachi (HVAC, Elevators, Generators, PA system, Fire Fighting. Fire Alarm system, CCTV, HV Automation and Remaining Civil works).**

Bidding Documents issued to: **M/s** _____

Vide Pay Order/ Deposit Receipt /D.R. No._____ **Dated** _____

Amounting To Rs. _____

Assistant Engineer
Provincial Building Sub-Div-VII
Karachi.

EXECUTIVE ENGINEER
PROVINCIAL BUILDING DIVISION-II
KARACHI

Assistant Engineer
Provincial Buildings Electrical
Sub Division-VIII
Karachi

SPPRA BIDDING DOCUMENT

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY (SPPRA)

STANDARD FORM OF BIDDING DOCUMENT

(Civil Works – Large Works)

This SBD shall be used for large works costing more than Rs.50 Million

Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

INSTRUCTIONS TO PROCUREMENT AGENCIES

INSTRUCTIONS TO PROCURING AGENCY

(Not to be included in bidding documents)

As stated in Clause IB.7 of the Instructions to Bidders, the complete bidding documents shall comprise of eleven items listed therein and any Addenda issued in accordance with Clause IB.9. The Standard Bidding Documents, in addition to Invitation for Bids, includes the following:

1 Instructions to Bidders.
2. Bidding Data.
3. General Conditions of Contract, Part I (GCC).
4. Special Conditions of Contract, Part II (SCC).
5. Specifications
6. Form of Bid and Appendices to Bid.
7. Bill of Quantities.
8. Form of Bid Security.
9. Form of Agreement.
10. Form of Performance Security, Mobilization Advance Guarantee, Indenture Security Bond and Integrity pact.
11. Drawings.

The Instructions to Bidders can be used as given. Procuring agency may have to make changes in the text under some special circumstances subject to provisions of Rules and Regulations.

General Conditions of Contract shall not be changed. Procuring agency may carry out changes in General Conditions of Contract through Special Conditions of Contract, as per provisions of Sindh Public Procurement Rules 2010, updated from time to time, in Province of Sindh. However, such changes in General Conditions shall be made with due care. Completion of the Forms and preparation of Bill of Quantities should be made as suggested hereinafter.

Procuring Agency is required to prepare the following documents for completion of the bidding documents:

(i) Special Conditions of Contract Part-II (SCC)
(ii) Specifications.
(iii) Bill of Quantities.
(iv) Drawings

A. Notice Inviting Tender

1. The "Notice Inviting Tender" is advertised in the newspapers shall appear in at least three widely circulated leading dailies of English, Urdu and Sindhi languages as well as on SPPRA Website as explained in the SPP Rules, 2010 (17) (2). All the blank spaces are to be filled in by the procuring agency.

2. The eligible bidders are defined in Clause IB.3 of Instructions to Bidders.

3. The notice shall be published so as to give the interested bidders, sufficient time for preparation and submission of bids which shall be minimum of 15 days for National

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Competitive Bidding (NCB) and minimum of 45 days for International Competitive Bidding (ICB) SPP Rule 18.

4. Non-refundable tender fee for the sale of bidding documents shall be nominal so as to cover cost of photocopying or printing only SPP Rule 20. However, cost of mailing the documents on request of the interested bidder may be charged separately. Last date for the sale of the bidding documents is mentioned in the Notice Inviting Tender.

5. The procuring agency shall require the bidders to furnish a bid security not below one percent and not exceeding five percent of the bid price, which shall remain valid for a period of 28 days beyond the validity period for bids, in order to provide the procuring agency reasonable time to act, if the security is to be called, SPP Rule 37(1).

6. The venue and time of receipt of bids and the venue and time of opening of bids are to be mentioned in Notice Inviting Tender. Last date for the receipt and opening of bids shall be the same SPP Rule 41(1).

7. In IB 11.1 (b) of bidding data, procuring agency should list relevant information, which is considered vital at the time of post-qualification, when prequalification process is not followed. Subsequently, this information is required to be submitted along with bid and shall be verified by the procuring agency during evaluation process.

8. All blank spaces in the bidding data are to be filled in by the procuring agency to complete this document.

9. Referring to IB 19.2 (b) of bidding data, the Bid Reference Number should be the same as given in Notice Inviting Tenders and form of bid.

B. Instructions to Bidders and Bidding Data

1. If the works are not financed from a loan/credit, IB 2.1 of bidding data should be modified accordingly.

2. Procuring agency shall prepare the documents listed at Serial Nos. b, d, e, f, g, i, and k of IB 7.1 of Instructions to Bidders in order to complete the bidding documents comprising the Bid.

3. For completion of documents at Serial No. g and i, detailed instructions are given at Para C below.

4. Referring to IB 7.1 of bidding data, the period should be inserted as given in the bidding documents and Notice Inviting Tender (NIT).

5. In IB 11.1 (b) of bidding data, the bidder shall provide additional or updated information to the procuring agency regarding the post-qualification criteria as and when required.

6. Referring to IB 14.1 of bidding data, a bid validity period shall be specified therein, keeping in view the nature of the procurement, it shall not exceed 90 days in case of National Competitive Bidding (NCB) and 120 days in case of International Competitive Bidding (ICB) SPP Rule 38(1).

7. Referring to IB 15.1 of bidding data, the amount is to be filled in by the procuring agency; bid security shall not be below than one percent and not exceeding five percent of the bid price SPP Rule 37(1).

C. Form of Bid and Appendices to Bid

1. Form of Bid:

Only Bid Reference Number shall be filled in by the procuring agency (refer Para A.8 above). All other blanks spaces are to be filled in by the bidder.

2. Appendix-A to Bid:

(a) The minimum amount of third party insurance should be assessed by the procuring agency and entered at Sr. No. 3.

(b) The time for completion of the whole of the works shall be entered by the procuring agency at Sr. No. 5.

(c) The amount of Liquidated Damages per day of delay shall be entered by the procuring agency at Sr. No. 7.

Amount of the Liquidated Damages for each day of delay in completion of the whole of the works, or if applicable, for any Section thereof, shall be (a sum equal to 10% of the estimated cost of the works divided by one-fourth of the number of days specified as completion time).

Formula: LD (per day) = 10% of Estimated or Bid Cost ÷ [0.25 ×Time for completion (days)].

(d) The Defects Liability Period is to be entered by the procuring agency keeping in view the nature and size of the work at Sr. No. 7.

This is generally taken as 365 days/one year.

(e) The minimum amount of Interim Payment Certificate should be determined by the procuring agency depending upon the size and duration of the works and to be entered at Sr. No 10.

3. Appendix-B to Bid:

Where foreign currency payments are foreseen; the entire Appendix-B to bid should be left blank to be filled in by the bidder.

Where no foreign currency payments are foreseen, the procuring agency should stamp this Appendix-B as "Not Used" and, referring to 1.1.4.6 and 13.4 of GCC, and state in SCC that all payments shall be in local currency only. Clause IB-13 should also be modified accordingly through the changes in bidding data.

Govt of Sindh

4. **Appendix-C to Bid:**

(a) National Competitive Bidding (NCB):

Escalations on local funded projects/schemes shall be paid to the contractor only on following items with their base prices and sources shown in the bidding document at time of issuing NIT:-
(i) Steel (ii) Cement (iii) Wood for Doors, windows & Partition walls
(iv) Bitumen (v) Bricks.

(b) International Competitive Bidding (ICB):

(i) Contracts having duration of twelve months or more should be liable to price adjustment as per conditions of contract. Provided that the procuring agency may add or delete any item from the list given at the relevant appendix, as deemed appropriate.

(ii) Blank spaces for weight-age of each cost item in column 3 of the table should be filled in by the procuring agency, while preparing the bidding documents.

(iii) In case the price adjustable items are not covered in the Federal Bureau of Statistics, the base price and the source thereof shall be mentioned by the procuring agency and the corresponding column of the table should be amended accordingly.

(iv) This mechanism shall be applicable only for price adjustment in local currency.

(v) Price adjustment as mentioned above shall be applicable to all contracts including item rate, lump sum and %age quoted above or below on Composite Schedule of Rates (CSR), provided these provisions are part of the contract.

5. **Appendix-D to Bid:**

Bills for various items are given by way of example only. The procuring agency should prepare the Bill of Quantities (BoQs) appropriate to the works. In preparation of the Bill of Quantities, columns under (1), (2), (3) and (4) in item rate contract should be completed by the procuring agency, whereas, spaces under columns (5) and (6) as well as the totals at the bottom shall be left blank to be filled in by the bidder. But in case of Composite Schedule of Rates, all columns are to be filled by procuring agency, only percentage above or below are to be quoted by bidder.

Referring to Schedule of Day Work Rates for labour, materials and constructional plant, types of labour, materials and constructional plant under column (2) as well as quantities under column (4) are given by way of example only. The procuring agency should determine the types of labour, materials and constructional plant as well as the quantities thereof, estimated to be utilized, on day work basis

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depending upon the nature of the works.
Percentage for overhead and profit on labour and materials, and the total amounts should be left blank to be filled in by the bidder.

Day Work summary is to be left blank to be filled in by the bidder.

6. **Appendix-E to Bid:**

If the procuring agency requires partial completion of the works by sections (for example Parts-A, B, C etc.), these should be identified and time for completion thereof, are to be specified, and the blank spaces may be filled in by the procuring agency.

7. **Appendix-F to Bid:**

The procuring agency may expand the requirements as stated in this Appendix, keeping in view the requirements of the works.

8. **Appendix-G to Bid:**

It pertains to the list of major equipments to be provided by the bidder if applicable. All blank spaces are to be filled in by the bidder.

9. **Appendix-H to Bid:**

The bidder has to provide details about camps and housing facilities. Procuring agency may modify the requirements as stated in this Appendix, keeping in view requirements of the works.

10. **Appendix-I to Bid:**

The bidder has to provide list of sub-contractors along with the details of works assigned. The blank spaces are to be filled in by the bidder.

11. **Appendix-J to Bid:**

The bidder has to provide the estimated value of work to be executed in the period mentioned therein. The blank spaces are to be filled in by the bidder.

12. **Appendix-K to Bid:**

The bidder has to provide the organizational chart for supervisory staff and labour. The blank spaces are to be filled in by the bidder.

13. **Appendix-L to Bid:**

Procuring agency shall provide the Integrity Pact form duly signed, stamped and submit the same along with the bid.

D. Forms

1. Bid Security:

Procuring agency, before issuing the bidding documents, should fill in following blank spaces:

(a) Amount/ Percentage of bid security, in words as well as figures, which should be the same as provided at Sub-Para A.5 above.

(b) Bid Reference Number should be the same as per Sub-Para B.7 above.

(c) Standard Forms of Securities provided in this document are to be issued by a scheduled bank.

E. Special Conditions of Contract

1. Name and full address of the procuring agency as well as that of the Engineer in charge or in case a consultant is hired by the procuring agency, then Consultant's Engineer, as the case may be, should be filled in by the procuring agency in the blank spaces provided under Sub-Para (a) (i) and (iv) of Sub-Clause 1.1 of SCC.

2. Referring to first paragraph of Sub-Clause 3.1 of GCC, information as applicable is provided there under.

3. Referring to Sub-Clause 1.5 of GCC, the procuring agency may add, in the order of priority, such other documents which form part of the contract.

4. Referring to 8.3 of GCC, the procuring agency should specify the form in which the programme is to be submitted by the bidder, e.g., Critical Path Method (CPM), Bar Chart or Programme Evaluation and Review Technique (PERT).

5. (a) Referring to Sub-Clause 5.3 of GCC, if the procuring agency desires the Bidder to use the services of nominated subcontractor(s), the procuring agency should make necessary provisions of provisional sums and provide blank spaces to be filled in the percentage rate(s) and estimated amounts, resulting there from in Appendix-D to Bid. The blank spaces for the rate(s) and the estimated amount(s) shall be filled in by the bidder.

(b) Suitable text referring to such provisions should be added in SCC.

If provisional sums and Day Work are not to be provided, then same should be mentioned in special conditions of contract.

6. Mobilization Advance/Advance Payment:

Procuring agency shall extend mobilization advance to the contractor *on submission of Bid Bond/ Bank Guarantee.*

7. Referring to 20.6 of GCC, the procuring agency should state the venue of Arbitration, which should be located within the province of Sindh and according to Arbitration Act, 1940 (up dated from time to time).

8. Addresses of the procuring agency and the Engineer or in case a consultant is hired

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by the procuring agency, then Consultant's Engineer, as the case may be, are to be entered by the procuring agency to completely fill in the blanks in Sub-Clause 1.3.

F. Specifications.

To be prepared and incorporated by the procuring agency.

(Precise and clear specifications are prerequisite for bidders to respond realistically and competitively to the requirements of the procuring agency without qualifying or conditioning their bids. In the context of both national and international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of materials, plant, other supplies, and workmanship to be provided. Only if this is done, the objectives of economy, efficiency and equality in procurement will be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation be facilitated. The specifications should require that all materials, plant, and other supplies to be incorporated in the works are new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the contract. A clause setting out the scope of the works is often included at the beginning of the specifications, and it is customary to give a list of the drawings. Where the contractor is responsible for the design of any part of the permanent works, the extent of his obligations must be stated.

Specification shall be generic and shall not include references to brand names, model numbers, catalogue numbers or similar classifications. However, if the procuring agency is convinced that the use of or a reference to a brand name or catalogue number is essential to complete an otherwise incomplete specification, such use or reference shall be qualified with the words "or equivalent".

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for materials, plant, other supplies, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all site conditions, but not limited to seismic and weather conditions, and environmental impact. Where other particular standards are used, whether national or other standards, the specifications should state that materials, plant, other supplies, and workmanship meeting other recognized standards, and which ensure equal performance, to the mentioned standards, will also be acceptable.)

G. Drawings

To be prepared and incorporated by the procuring agency.

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INVITATION
FOR BIDS

NOTICE INVITING TENDER

1. The **EXECUTIVE ENGINEER** (the "Procuring Agency") and it is intended that part of the proceeds of the loan/grant/funds will applied to eligible payments under the contract for the **Establishment of Shaheed Mohtarma Benazir Bhutto Chairs and Convention Center at University of Karachi (HVAC, Elevators, Generators, PA System, Fire Fighting. Fire Alarm system, CCTV, HV Automation and Remaining Civil works).**

2. The Procuring Agency invites sealed Tenders ((SINGLE STAGE TWO ENVELOPE PROCEDURE) from eligible bidders through SPPRA EPADS

3. The Bidding documents containing relevant information can be accessed / downloaded from the website of SPPRA (http://portalsindh.eprocure.gov.pk) with effect from publication date to 07-06-2026. The tender fee (Non-Refundable) amounting to Rs. 3,000/= in the form of Pay Order in favour of "**Executive Engineer, Provincial building Division No. II, Karachi**" (must be attached with Bid & also be uploaded to the EPAD website).

4. **Submission of Bids:**

   - Bidders must submit their **Technical and Financial Bids ONLINE through E-PAD System.**
   - Bidders must also submit **PHYSICAL COPIES** of the Technical and Financial Bids (**Original, separately sealed as per Single Stage Two Envelope Procedure**) by hand or registered mail to the Office of the Executive Engineer, Provincial Building Division No. II, Karachi.
   - Submission deadline: **24-06-2026, 09:30 A.M.**
   - Bids must be accompanied by **1% Bid Security** in the form of Call Deposit / Pay Order / Demand Draft / Bank Guarantee issued by a scheduled bank in Pakistan in favor of **Executive Engineer, Provincial Building Division No. II, Karachi**, attached with technical documents and uploaded to EPADs.

5. **Bid Opening:**

   - **Technical Bids** will be opened on the same date at **10:00 A.M.** through **E-PAD System** at the office of **Executive Engineer, Provincial Building Division No. II, Karachi**, Sindh Secretariat, Block 4-A, Barrack No. 18, Court Road, Karachi.
   - Authorized representatives of bidders must attend the opening session.

6. **Original Documents:**

- The **original Tender Fee, Bid Security, and Original Bid** (Technical & Financial bid separately sealed) **must also be submitted physically** to the Office of the Executive Engineer before the bid opening. With Bid security attached with Technical Bids,

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7. In case of any reason, if the tenders are not responded on the above date, the next date of submission will be as per NIT.

8. The "Technical Proposals" shall be evaluated by the Procurement Committee to determine technical qualification in accordance with the evaluation criteria and mandatory requirements specified in the Bidding Documents. Financial proposals of bids that are found technically non-responsive or disqualified shall remain un-opened. Conversely, the "Financial Proposals" of technically qualified bidders shall be opened publicly at a time, date and venue that will be announced and communicated to all bidders in advance. The bid determined to be the Most Advantageous though not necessarily the lowest submitted price shall be accepted (As per Rule-49 of SPPRA Rules-2010 (Amended up-to-date).

9. The Bid validity period is (90) ninety days.

TERMS AND CONDITIONS:

- Name, address, telephone, fax numbers and e-mail address of firm / individual, ownership and organizational structure of the firm, year of establishment.
- Bid received without supporting documents as mentioned / required in eligibility criteria would be declared as non-responsive bid. The procurement agency reserves the right to cross verify any information provided with the bidding documents in order to keep verification or authenticity of provided information.
- In case of a representative must have authority on stamp paper / Company letter head from his firm/company's owner including details of owners along with CNIC
- In case, if the date of opening or last date of submission is declared as a public holiday by the Government or the undersigned remains out of office / headquarter or non-working day due to any reason, next working day shall be deemed to be the date for last submission and opening of tenders accordingly. The time and venue shall remain the same.
- **Bidders are required to submit their bids both online through SPPRA EPADS and physically in sealed envelopes.**
- The firms providing unsustainable or incorrect information are liable to disqualification and legal action.
- The Bid Security shall be released to the unsuccessful bidders within seven days, once the contract has been signed with the successful bidder or the validity period has expired in accordance with amendments made in Rule-37, after sub-rule(5) of SPP Rules 2010 vide Notification Dated: 4th October, 2024).
- Tenders must be carefully & clearly filled, and each page of bid must be signed & stamped. Incomplete conditional tenders will not be accepted.
- All clauses of Bidding Data eligibility criteria and mandatory criteria mentioned in tender / bidding

documents shall have same priority, and nonfulfillment of any clause shall lead to bid rejection/disqualification.

- The procuring agency may reject all or any bids/tenders at any time prior to the acceptance of a bid or proposal subject to the relevant provision of SPPRA Rules 2010 (amended time to time).
- All corrections / over writings shall be clearly Re-written with Initials and duly stamped by the Bidder.
- All clauses of Eligibility Criteria or Mandatory criteria mentioned in tender/bidding documents have same priority and non-fulfillment of any of clause shall lead to bid rejection/disqualification.
- Joint Venture (JV) will not be allowed.
- Submission of any forged or fake document shall render the tender liable to rejection or cancellation without compensation, and may attract penalties as per applicable rules.
- Canvassing in any form related to the tendering process is strictly prohibited. Proposals submitted by contractors found to be involved in canvassing shall be liable for rejection
- All other terms and conditions, along with **EVALUATION / QUALIFICATION CRITERIA** and **Evaluation Criteria based on Marks/Score**, are mentioned in the **Instructions to Bidders** part, which **must be filled and completed** by the bidder.

INSTRUCTIONS
TO
BIDDERS

INSTRUCTIONS TO BIDDERS

(Note: These Instructions to Bidders along with bidding data will not be part of the Contract and will cease to have effect once the contract is signed.)

A. GENERAL

IB.1 Scope of Bid

1.1 Procuring agency as defined in the bidding data hereinafter called "the procuring agency" wishes to receive bids for the construction and completion of works as described in these bidding documents, and summarized in the bidding data hereinafter referred to as the "Works".

1.2 The successful bidder will be expected to complete the works within the time specified in Appendix-A to Bid.

IB.2 Source of Funds

2.1 Procuring agency has received/allocated/] applied for loan/grant/ Federal/ Provincial/Local Government funds from the source(s) indicated in the bidding data in various currencies towards the cost of the project /scheme specified in the bidding data, and it is intended that part of the proceeds of this loan/grant/funds will be applied to eligible payments under the contract for which these bidding documents are issued.

IB.3 Eligible Bidders

3.1 This Invitation for Bids is open to all interested bidders who are eligible under provisions of Sindh Public Procurement Rules as mentioned below and the criteria given in the Notice Inviting Tender (NIT)/ Bidding Document.

Firms and individuals, national or international, may be allowed to bid for any project where international competitive bidding is feasible. Any conditions for participation shall be limited to those that are essential to ensure the bidder's capability to fulfill the contract in question.

(a) Bidders may be excluded if;

(i) as a matter of law or official regulations, commercial relations are prohibited with the bidder's country by the federal government in case of ICB, or

(ii) a firm is blacklisted/ debarred by the procuring agency and the matter has been reported to the Authority, subject to Rule 30 of Sindh Public Procurement Rules 2010.

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(b) Government-owned enterprises or institutions may participate only if they can establish that they are;

(i) legally and financially autonomous, and

(ii) operate under commercial law.

Provided that where government-owned universities or research centers in the country are of a unique and exceptional nature, and their participation is critical to project implementation, they may be allowed to participate; and

Bidders shall include all those contractors who are registered or incorporated in Pakistan, irrespective of the nationality of their owners and professional staff, or

(c) Bidders are:-

(i) pre-qualified with procuring agency for particular project/scheme;

(ii) registered with Pakistan Engineering Council in particular category and discipline,

(iii) registered with relevant tax authorities (income/sales tax, wherever applicable)

IB.4 One Bid per Bidder

4.1 Each bidder shall submit only one bid either by himself, or as a partner in a joint venture. A bidder who submits or participates in more than one bid (other than alternatives pursuant to Clause IB.16) will be disqualified.

IB.5 Cost of Bidding

5.1 The bidders shall bear all costs associated with the preparation and submission of their respective bids, and the procuring agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

IB.6 Site Visit

6.1 The bidders are advised to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for construction of the works. All cost in this respect shall be at the bidder's own expense.

6.2 The bidders and any of their personnel or agents will be granted permission by the procuring agency to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the bidders, their personnel and agents, will release and indemnify the procuring agency, his personnel and agents from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and

expenses incurred as a result of such inspection.

B. BIDDING DOCUMENTS

IB.7 Contents of Bidding Documents (SSP RULE 21)

7.1 The bidding documents, in addition to invitation for bids, are those stated below and should be read in conjunction with any addenda issued in accordance with Clause IB.9.

a. Instructions to Bidders.
b. Bidding Data.
c. General Conditions of Contract, Part-I (GCC).
d. Special Conditions of Contract, Part-II (SCC)
e. Specifications.
f. Form of Bid and Appendices to Bid.
g. Bill of Quantities (Appendix-D to Bid).
h. Form of Bid Security.
i. Form of Contract Agreement.
j. Forms of Performance Security, Mobilization Advance Guarantee, Integrity Pact and Indenture bond for secured advance.
k. Drawings.

7.2 The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the bidder"s own risk. Pursuant to Clause IB.26, bids which are not substantially responsive to the requirements of the BD will be rejected.

IB.8 Clarification of Bidding Documents (SSP RULE 23(1)):

Any interested bidder requiring any clarification(s) in respect of the bidding documents may notify the procuring agency in writing at the procuring agency's address indicated in the Invitation for Bids/NIT. Procuring agency will respond to any request for clarification provided they are received at least five calendar days prior to the date of opening of bid.

Provided that any clarification in response to query by any bidder; shall be communicated to all parties who have obtained bidding documents.

IB.9 Addendum/Modification of Bidding Documents:

9.1 At any time prior to the deadline for submission of bids, the procuring agency may, for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder, modify the bidding documents by issuing addendum.

9.2 Any addendum thus issued shall be part of the bidding documents pursuant to sub-clause IB 7.1 hereof and shall be communicated in writing to all bidders. Interested bidders shall acknowledge receipt of each addendum in writing to the procuring agency.

9.3 To afford bidders reasonable time in which to take an addendum into account in

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Preparing their bids, the procuring agency may extend the deadline for submission of bids in accordance with IB.20

C. PREPARATION OF BIDS

IB.10 Language of Bid

10.1 The bid and all correspondence and documents related to the bid exchanged by a bidder and the procuring agency shall be in the language stipulated in the bidding data and Special Conditions of the Contract. Supporting documents and printed literature furnished by the bidders may be in any other language provided the same are accompanied by an accurate translation of the relevant parts in the bid language, in which case, for purposes of evaluation of the bid, the translation in bid language shall prevail.

IB.11 Documents Accompanying the Bid

INSTRUCTIONS TO APPLICANTS

Submission of Applications

Applications for Pre-Qualification must be received through EPADS and delivered by hand or through registered mail, to the Office of the Executive Engineer, Provincial Building Division No. II, Karachi, not later than the date specified in the NIT, and must be clearly marked:

"Establishment of Shaheed Mohtarma Benazir Bhutto Chairs and Convention Center at University of Karachi (HVAC, Elevators, Generators, PA System, Fire Fighting. Fire Alarm system, CCTV, HV Automation and Remaining Civil works)."

The Employer reserves the right to accept or reject late applications. The name and mailing address of the applicant must be clearly marked on the envelope.

Contract documents and other terms and conditions can be viewed or downloaded from the SPPRA E PORTAL website. Tender Submission must **tender fee of Rs. 3,000/-** in the form of **Call Deposit / Pay Order / Demand Draft** from a scheduled bank in Pakistan, in favor of **Executive Engineer, Provincial Building Division No. II, Karachi** and **1% Earnest Money** in favor of the same officer.

Technical Bids will be opened on the date specified in the NIT. Tenders must be submitted in on EPAD along with **sealed envelopes by hand or registered mail** before time to:

Office of the Executive Engineer, Provincial Building Division No. II, Karachi, Barrack No. 18, Block 4-A, Sindh Secretariat, Court Road, Karachi

The Procuring Authority reserves the right to **reject any or all bids** as per **SPPRA Rules 2010 (Amended up to date)**. Applicants may request **written clarifications** regarding the project and evaluation criteria at the same address **at least 5 working days prior to submission**.

EVALUATION / QUALIFICATION CRITERIA

Evaluation criteria are being given for the benefit of the procuring agency and bidder.
Evaluation based on **SINGLE STAGE TWO ENVELOPE** procedure is adopted as per SPPRA rules 2010 Amended (upto date) Evaluation criteria as set forth in this proposal are based on mandatory requirements and marks / score and both are adopted as the selection method while evaluating the constructors / firms. Information will be given in forms and marks will be given as per the information given in the submitted technical bid by the bidder. Following to be provided by the bidder:

- Undertaking on Stamp paper Rs. 500 containing that: **(Mandatory)**
- Firm is not involved in Departmental rift, abandoned or unnecessary delay in completion of any work in the Government and as well as in private organization.
- Affidavit to effect that firm has not been Black listed by any Executing agency or department.
- List of Litigation (if any) their nature and status / outcomes.
- Affidavit to effect that documents / particular / information furnished are true and correct, in case of fake documents/ work orders furnished firm will be Blacklisted as per SPP Rule No 35

Mandatory Provisions / Eligibility:
Firms/Contractors must possess:

- Copy of CNIC of Proprietor / Partners
- Bid Security / Earnest Money should be made from the A/C of the Company / Firm of the participant.
- Integrity Pact on the E-Stamp Paper worth Rs.100/- (Mandatory).
- Registration with PEC Pakistan Engineering Council (Category C-1 or above) in the relevant field of specialization of work and with specialization codes CE01, CE09, CE10 , ME01, ME02, ME03, ME04, EE01, EE02, EE03, EE04, EE05, EE06, EE07, EE08, & EE09 (Mandatory).
- Registration with Income Tax, Sales Tax, Sindh Revenue Board SRB and Three Month Return of All (Mandatory)
- Bidder shall be an active Tax Payer List (ATL) of Federal Board of Revenue (FBR) and Sindh Revenue Board (SRB) as the case may be, failing to which the bidder shall not be eligible to take part in bid in accordance with amendment made in Rule-46 in sub rule (1) in clause (a) in sub clause (iii) vide Notification Dated: 4th October 2024.
- Five years of experience in the similar type of works. (Mandatory)
- Turn-Over of atleast 1600 M or above for the last three financial year with Audit Report & should be matched with FBR. (Mandatory).
- Copy of Valid Electrical License (Karachi Region)
- Bio data of Engineering and Technical staff working with the firm along with Attested CVs and their Income Tax Deduction showing employment with the firm (Last 6 Month). Civil, Electrical, Electronics & Mechanical Engineers employment with the firm along with same reflected in PEC License (Mandatory).
- Valid ISO Certificate 9001 – (Mandatory)
- List of works indicating cost of each work and copy of letter of award of work of last Three years. With minimum two Projects of cost Rs. 1000 M or above (Completed). (Mandatory)
- List of Machinery and equipment available with documentary evidence of its ownership / Rental / Leased for the Project.
- Bank Statement last 3 Months. (Mandatory).
- Must have 10% Tender biding amount should be show in bank. (Mandatory).
- Conditional or incomplete tenders will summarily have rejected.
- Each page of the Bid Document & Profile of firm must be paginated, signed & stamped by Bidder.
- Terms and conditions given in NIT must be followed.
- Joint Venture (JV) not allowed.
- Any information regarding the project can be obtained from the office of the undersigned during office hours.
- In case, Government announce any public Holiday on Schedule dates, the tender will be submitted / opened on the next working day, as per schedule in accordance with rule-41(B) of SPPRA 2010 (Amended upto date)

Evaluation Criteria based on Marks / Score.

Aggregate Qualifying Score is **75%** but it is mandatory to obtain at least **70%** in each of the following sections.

(A) Company Profile - 05 Marks

i. Period since Firm/ Constructor is in construction business - **2.5 Marks**

Between 6-10 years	1.0 Marks
Above 10 years	2.5 Marks

(Attach first/old PEC license for reference and latest valid PEC license)

ii. Office facilities - **2.5 Marks**

if office in Karachi	2.5 Marks
if outside Karachi	1.0 Marks

(B) Experience of the Firm / Company - 40 Marks

(i) General Building Construction Projects of Rs. 1,000 million or above completed with the Government during the last five (05) years. (7.5 Marks for each project); attach copies of documentary evidence including Work order, date of start, date of completion, project pictures, project cost, Certificate, SPPRA BER and reasons for any delay for each project mentioned. (JV work orders will not be counted). **15 Marks**

(ii) Similar Building Construction works in Hand of Rs. 1,600 million or above, wherein the project must include all of the following components: HVAC, Elevators, Generators, PA system, Fire Fighting System, Fire Alarm System, CCTV, and HV Automation. (25 Marks each project); Attach copies of documentary evidence, including the work order, Letter of acceptance, original tender BOQ showing details of the mentioned works and relevant SPPRA documents including BER and contract agreement for each project mentioned. (JV work Orders will not be counted)

25 Marks

(C) Personnel Capabilities required for this project 28 Marks

Employed Engineers must registered with Pakistan Engineering Council (PEC) and also reflected in firms PEC license, Attached Income Tax Deduction / Salary proof or the proposed staff of the firm (Last 6 Month) OR verified salary transaction through Bank of last 06 months of proposed Engineer who does not fall in taxable salary slab.

The key technical personnel required at site and factors for marking are as follows:

S.No	Description/ Position with Minimum qualification & experience	Marks Assigned	REMARKS
1.	**Construction Manager (01 No.)** B.E. (Civil) registered with Pakistan Engineering Council (PEC) having experience of 20 years or above.	07	04 Marks for 20 years of experience. 02 Marks for more than 20 years of experience. 01 Mark for experience of 2 projects of similar nature and magnitude.
2.	**Contracts Engineer (01 No.)** B.E. (Civil) registered with Pakistan Engineering Council (PEC) having experience of 15 years or above.	06	03 Marks for 15 years of experience. 02 Marks for more than 15 years of experience. 01 Mark for experience of 2 projects of similar nature and magnitude.
3.	**Mechanical Engineer (01 No.)** B.E. (Mechanical) registered with Pakistan Engineering Council (PEC) having experience of 15 years or	05	03 Marks for 15 years of experience. 01 Marks for more than 15 years of experience. 01 Mark for experience of 2 projects of similar nature and magnitude.
4.	**Electrical Engineer (01 No.)** B.E. (Electrical) registered with Pakistan Engineering Council (PEC) having experience of 15 years or above.	05	03 Marks for 15 years of experience. 01 Marks for more than 15 years of experience. 01 Mark for experience of 2 projects of similar nature and magnitude.
5.	**Electronics Engineer (01 No.)** B.E. (Electronics or Equivalent) registered with Pakistan Engineering Council (PEC) having experience of 15 years or above.	05	03 Marks for 15 years of experience. 01 Marks for more than 15 years of experience. 01 Mark for experience of 2 projects of similar nature and magnitude.

(D) Equipment Capability — 07 Marks

i. Critical equipment and number required for the Project shall be specified by the Procuring Agency.

ii. High value equipment should be an option to own, lease or hire.

iii. Total equipment available with the applicant is to be listed along with its current mobilization and on- going projects.

Details are to be provided as per the below form with documentary proof of ownership or rent (if rented), failure to do so can result in rejection of tender).

Sr.	Description	Qty.	Unit	Marks
1	Excavator (Showel / Back Hoe)	1	No.	0.5
2	Earth Moving Machinery (Grader, Bulldozer, Loader)	1	No.	0.5
3	Bobcat Loader (Mini Loader)	1	No.	0.5
4	Dumper Truck	3	Nos.	0.5
5	Tractor with Trolley	1	No.	0.5
6	Vibratory Roller 1Ton	2	Nos.	0.25
7	Plate Compactor & Frog Compactor	2	Nos.	0.25
8	Vibrator (Large Shaft / Small Shaft)	4	Nos.	0.25
9	Air Compressor (15 HP Cap.)	1	No.	0.25
10	Generator 100KVA	1	No.	0.5
11	Concrete Mixer Machine	4	Nos.	0.5
12	Steel cutting & Bending Machine	2	Nos.	0.5
13	Shuttering (Formwork) 100,000 Sq.ft	1	Set	0.5
14	Scaffolding Pipe 50,000 R.ft	1	Set	0.5
15	Total Station with Staff etc.	1	Set	0.25
17	Dewatering Pumps	2	Sets	0.25
18	Allied Construction Tools & Plants	2	Sets	0.25
19	Suzuki Van	2	Nos.	0.25
	TOTAL MARKS			**07**

Note: The following formula is applicable to evaluation criteria based on marks/score only.

a. If the available quantity of equipment is less than specified limit, give weight age asunder: T = M x (A/Required Quantity).

b. If the available quantity of equipment is more than the minimum equipment requirement full marks will be given.

A = Available quantity of each equipment of each Item. T = Marks obtained. M = Marks assigned.

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(E) Financial Soundness / Status — 20 Marks

For Financial Status assessment, the Applicants have to submit Income tax returns for the last Three years and GST & SRB monthly return (last 6 months). Further, the bidder will provide evidence from bank for verifying financial soundness of the bidder.

Working Capital available for the Project **(7.5 Marks)**

Working capital (10% of Tender bidding amount) must be in hand at least 30 days prior to the announcement of the tender (Attach verifiable Bank statements as proof. – Fresh credits/deposits made during this period shall not be considered for evaluation.)

i. 10% of Tender Amount 7.5 Marks

Turnover for last 03 Years **(7.5 Marks)**

Turnover of last 3 financial years (Income Tax return &Audited Financial report)

i. 1600 Million or above 7.5 Marks

Current Ratio as per financial statements of last year (Assets / Liabilities): **(5 Marks)**

Current Assets ÷ Current Liabilities as per the latest audited financial statements.

i. Current Ratio above 4 5 Marks

FORM - 1

A. Company Profile

Date:----------

Contract: .....

All individual firms applying for post qualification are requested to completethe information in this form.

1.	Name of firm (legal):	
2.	Nature of Business:	
3.	Head Office Address:	
4.	Telephone Fax Numbers: E-mail Address:	
5.	Place of Incorporation/Registration: Year of incorporation/registration:	
6.	Applicant's authorized representative: Telephone: Fax Numbers: E-mail Address:	
7.	NATIONALITY OF OWNERS.	
	Name:	Country:

FORM-2

FORM - 2

B-(I) PROJECTS OF GENERAL NATURE

General Building Construction Projects of Rs. 1,000 million or above completed with the Government during the last five (05) years. (7.5 Marks for each project); attach copies of documentary evidence including Work order, date of start, date of completion, project pictures, project cost, Certificate, SPPRA BER and reasons for any delay for each project mentioned. (JV work orders will not be counted).

Sr. No.	**1**	**2**
Name of Contract:		
Country:		
Name of Procuring Agency With Address, Tele, Fax.		
Nature of worksand special features		
Contract Role and percentage (Mention: Sole, SubContactor or Partner in a Joint Venture).		
Value of the total contract In Million PKR		
Value of outstanding work In Million PKR		
Date of Award:		
Date of Completion/ Estimated Date of Completion		
Reasons of Delay		

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FORM - 3

B-(II) PROJECTS OF SIMILAR NATURE

Similar Building Construction works in Hand of Rs. 1,600 million or above, wherein the project must include all of the following components: HVAC, Elevators, Generators, PA system, Fire Fighting System, Fire Alarm System, CCTV, and HV Automation. (25 Marks each project); Attach copies of documentary evidence, including the work order, Letter of acceptance, original tender BOQ showing details of the mentioned works and relevant SPPRA documents including BER and contract agreement for each project mentioned. (JV work Orders will not be counted)

Sr. No.	**1**	**2**
Name of Contract:		
Country:		
Name of Procuring Agency With Address, Tele, Fax.		
Nature of works and special features relevant to the contract for which applied:		
Contract Role and percentage (Mention: Sole, Sub Contactor or Partner in a Joint Venture).		
Value of the total contract In Million PKR		
Value of outstanding work In Million PKR		
Date of Award:		
Date of Completion/ Estimated Date of Completion		
Reasons of Delay		

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FORM - 5

PROPOSED STAFFING:

Firm/Constructor should provide the names of suitably qualified personnel to meet the specified requirements stated (Evaluation and Qualification Criteria).

Sr. No.	Title of Position	Name	(Experience) Years with the firm	PEC Registration No.
1.	**Construction Manager**			
2.	**Contracts Engineer**			
3.	**Mechanical Engineer**			
4.	**Electrical Engineer**			
5.	**Electronics Engineer**			

FORM - 6

The data regarding experience of the personnel required should be supplied separately using the Form below.

Curriculum Vitae (CV) for Proposed Staff

(Signature by Employee on their CV Is Mandatory)

(Attached copies of PEC registration certificate and CNIC)

1. **Proposed Position:**_____

2. **Name of Expert:**_____

3. **Name of Firm:**_____

4. **Current Residential Address:**_____

Telephone No:_____ **Fax No:** _____

E-Mail Address:_____

5. **Date of Birth:**_____ **Citizenship:**_____

6. **Qualification:**_____

7. **PEC Registration No:**_____

8. **Work Experience:** Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

From	to	Company / Project / Position/Relevant Technical and Management Experience

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FORM - 7

Firm/Constructor shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment whether owned/ leased/ rented listed in (Evaluation and Qualification Criteria).

Equipment Capabilities (owned by the constructor/firm)

Sr. No.	Name of Equipment	Name of manufacturer	Model and power rating	Capacity	Year of manufacture	Current location	Ownership details attached on page number	Any other detail as deemed necessary
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

FORM - 8

Equipment Capabilities (leased/rented by the constructor/firm)

Sr. No.	Name of Equipment	Mention whether leased or rented	Name of owner	Address of owner	Contact name and title with Telephone Fax & E Mail of the Owner	Agreements Details of rental/lease / manufacture agreements specific to the project
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

FORM - 9

FINANCIAL RESOURCES

Banker's Information:

Sr. No.	Name & Address of Bank	Contact name and title	Telephone, Fax & E-Mail Address

Source of Financing:

Constructor/Firm shall provide documentary evidence for funding the project asmentioned in instructions to applicants for which evaluation is being undertaken.

IB.12 Bid Prices

12.1 Unless stated otherwise in the bidding documents, the contract shall be for the whole of the works as described in IB 1.1 hereof, based on the unit rates or prices submitted by the bidder or percentage quoted above or below on the rates of Composite Schedule of Rates (CSR), as the case may be.

12.2 The bidders shall fill in rates and prices for all items of the works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the procuring agency when executed and shall be deemed to be covered by rates and prices for other items in the Bill of Quantities. In case of Composite Schedule of Rates, if the bidder fails to mention the percentage above or below, it shall be deemed to be at par with the rates of Composite Schedule of Rates.

12.3 The bid price submitted by the contractor shall include all rates and prices including the taxes. All duties, taxes and other levies payable by the contractor under the contract, or for any other cause during the currency of the execution of the work or otherwise specified in the contract as on the date seven days prior to the deadline for submission of bids.

Additional / reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be reimbursed / deducted as per Sub-Clause 13.7 of the General Conditions of Contract Part-I.

12.4 The rates and prices quoted by the bidders are subject to adjustment during the performance of the contract in accordance with the provisions of Clause 13.7of GCC. The bidders shall furnish the prescribed information for the price adjustment formulae in Appendix-C to Bid, and shall submit with their bids such other supporting information as required under the said Clause. Adjustment in prices quoted by bidders shall be allowed as per Sub-Para 4(ii) of Section C of Instructions to bidders and bidding data.

IB.13 Currencies of Bid and Payment

13.1 The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. A bidder expecting to incur expenditures in other currencies for inputs to the works supplied from outside the procuring agency"s country (referred to as the "Foreign Currency Requirements") shall indicate the same in Appendix-B to Bid. The proportion of the bid price (excluding Provisional Sums) needed by him for the payment of such Foreign Currency Requirements either (i) entirely in the currency of the bidder"s home country or, (ii) at the bidder"s option, entirely in Pak rupees provided always that a bidder expecting to incur expenditures in a currency or currencies other than those stated in (i) and (ii) above for a portion of the foreign currency requirements, and wishing to be paid accordingly, shall indicate the respective portions in the bid.

13.2 The rates of exchange to be used by the bidder for currency conversion shall be the selling rates published and authorized by the State Bank of Pakistan prevailing on the date, 07 (seven) days prior to the deadline for submission of bids. For the purpose of

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payments, the exchange rates used in bid preparation shall apply for the duration of the contract.

IB.14 Bid Validity

14.1 Bids shall remain valid for the period stipulated in the bidding data from the date of opening of bid specified in clause IB.23.

14.2 In exceptional circumstances, prior to expiry of the original, the procuring agency may request the bidders to extend the period of validity for a specified additional period, which shall not be for more than one third of the original period of bid validity. The request and the responses thereto, shall be made in writing. A bidder may refuse the request without the forfeiture of the bid security. In case, a bidder agreed to the request, shall not be required or permitted to modify the bid, but will be required to extend the validity of the bid security for the period of the extension, and in compliance with Clause IB.15 in all respects.

IB.15 Bid Security

15.1 Each bidder shall furnish, as part of the bid, a bid security in the amount stipulated in the bidding data in Pak Rupees or an equivalent amount in a freely convertible currency.

15.2 The bid security shall be at the option of the bidder, in the form of deposit at call, Pay order or a bank guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favour of the procuring agency, which should commensurate with the bid validity period. The bank guarantee for bid security shall be acceptable in the manner as provided at Annexure BS-1

15.3 Any bid not accompanied by an acceptable bid security shall be rejected by the procuring agency as non-responsive.

15.4 Bid security shall be released to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired.

15.5 The bid security of the successful bidder shall be returned when the bidder has furnished the required Performance Security and signed the Contract Agreement.

15.6 The bid security may be forfeited:

(a) if the bidder withdraws his bid except as provided in sub- clause IB 22.1;

(b) if the bidder does not accept the correction of his bid price pursuant to sub-clause IB 27.2 hereof; or

(c) In the case of successful bidder, if he fails within the specified time limit to:

(i) furnish the required Performance Security; or
(ii) sign the Contract Agreement.

IB.16 Alternate Proposals/Bids

16.1 Each bidder shall submit only one bid either by himself, or as a member of a joint venture, until and unless they have been requested or permitted for alternative bid, then he has to purchase separate bidding documents and alternate bid shall be treated as separate bid.

16.2 Alternate proposals are allowed only for procurement of works where technical complexity is involved and more than one designs or technical solutions are being offered. Two stage two envelope bidding procedure will be appropriate when alternate proposal is required.

16.3 Alternate bid(s) shall contain (a) relevant design calculations; (b) technical specifications; (c) proposed construction methodology; and (d) any other relevant details / conditions, provided that the total sum entered on the Form of Bid shall bethat which represents complete compliance with the bidding documents.

IB.17 Pre-Bid Meeting

17.1 Procuring agency may, on his own motion or at the request of any bidder, hold a pre-bid meeting to clarify issues and to answer any questions on matters related to the bidding documents. The date, time and venue of pre-bid meeting, if convened, shall be communicated to all bidders. All bidders or their authorized representatives shall be invited to attend such a pre-bid meeting at their own expense.

17.2 The bidders are requested to submit questions, if any, in writing so as to reach the Procuring agency not later than seven (7) days before the proposed pre-bid meeting.

17.3 Minutes of the pre-bid meeting, including the text of the questions raised and the replies given, will be transmitted without delay to all bidders. Any modification of the bidding documents listed in sub- clause IB 7.1 hereof, which may become necessary as a result of the pre-bid meeting shall be made by the procuring agency exclusively through the issue of an Addendum pursuant to Clause IB.9 and not through the minutes of the pre-bid meeting.

17.4 Absence at the pre-bid meeting will not be a cause for disqualification of a bidder.

IB.18 Format and Signing of Bid

18.1 Bidders are particularly directed that the amount entered on the Form of Bid shall be for performing the contract strictly in accordance with the bidding documents.

18.2 All appendices to bid are to be properly completed and signed.

18.3 Alteration is not to be made neither in the form of bid nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.

18.4 Each bidder shall prepare by filling out the forms without alterations and shall provide an original copy along with photocopies as per the requirement of the procuring agency specified in the bidding data. The original as well as copies of the document shall be clearly marked as "ORIGINAL" and „COPY", as the case may be. If there is any discrepancy between original and copy (ies) then the original shall prevail.

18.5 The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, Photostats are also acceptable) and shall be signed by a person(s) duly authorized to sign on behalf of the bidder pursuant to sub- clause IB 11.1(a) hereof. All pages of the bid shall be initialed and stamped by the person(s) signing the bid.

18.6 The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the procuring agency, or as are necessary to correct errors made by the bidder. Such corrections shall be initialed by the person(s) signing the bid.

18.7 Bidders shall indicate in the space provided in the Form of Bid their full and proper postal addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the contract is to be sent.

18.8 Bidders should retain a copy of the bidding documents as their file copy.

D. SUBMISSION OF BIDS

IB.19 Sealing and Marking of Bids

19.1 Each bidder shall submit his bid as under:

(a) ORIGINAL and COPIES of the bid shall be separately sealed and put in separate envelopes and marked as such.

(b) The envelopes containing the ORIGINAL and COPIES shall be put in one sealed envelope and addressed as given in sub – clause IB 19.2 hereof.

19.2 The inner and outer envelopes shall:

(a) be addressed to the procuring agency at the address provided in the bidding data;

(b) bear the name and identification number of the contract as defined in the bidding data; and

(c) provide a warning not to open before the time and date for bid opening, as specified in the bidding data.

19.3 In addition to the identification required in sub- clause IB 19.2 hereof, the inner envelope shall indicate the name and postal address of the bidder to enable the bid to be returned unopened in case it is declared "late" pursuant to Clause IB.21

19.4 If the outer envelope is not sealed and marked as above, the procuring agency will assume no responsibility for the misplacement or premature opening of the Bid.

IB.20 Deadline for Submission of Bids

20.1 (a) Bids must be received by the procuring agency at the address specified not later than the time and date stipulated in the bidding data,

(b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims shall be entertained for refund of such expenses,

(c) Where delivery of a bid is by mail and the bidder wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package,

(d) Upon request, acknowledgment of receipt of bids will be provided to those making delivery in person or by messenger.

20.2 The Procuring Agency may, at its discretion, extend the deadline for submission of bids by issuing an amendment in accordance with IB 09. In such case, all rights and obligations of the procuring agency and the bidders shall remain the same as mentioned in the original deadline.

IB.21 Late Bids

(a) any bid received by the procuring agency after the deadline for submission of bids prescribed in to clause IB 20 shall be returned unopened to such bidder.

(b) delays in the mail, person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder"s responsibility to submit the bid in time.

IB.22 Modification, Substitution and Withdrawal of Bids

22.1 Any bidder may modify, substitute or withdraw his bid after bid submission provided that the modification, substitution or written notice of withdrawal is received by the procuring agency prior to the deadline for submission of bids.

22.2 The modification, substitution, or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.19 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.

22.3 No bid may be modified by a bidder after the deadline for submission of bids except in accordance with to sub - clauses IB 22.1 and IB 27.2.

22.4 Withdrawal of a bid during the interval between the deadlines for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the bid security in pursuance to clause IB 15.

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E. BID OPENING AND EVALUATION.

IB.23 Bid Opening

23.1 Procuring agency will open the bids, including withdrawals, substitution and modifications made pursuant to Clause IB.22, in the presence of bidders" representatives who choose to attend, at the time, date and location stipulated in the bidding data. The bidders or their representatives who are in attendance shall sign an attendance sheet.

23.2 Envelopes marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to clause IB.22 shall not be opened.

23.3 Procuring agency shall read aloud the name of the bidder, total bid price and price of any Alternate Proposal(s), if any, discounts, bid modifications, substitution and withdrawals, the presence or absence of bid security, and such other details as the procuring agency may consider appropriate, and total amount of each bid, and of any alternative bids if they have been requested or permitted, shall be read aloud and recorded when opened.

23.4 Procuring Agency shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the sub-clause IB.23.3.

IB.24 Process to be Confidential. (SPP Rule 53)

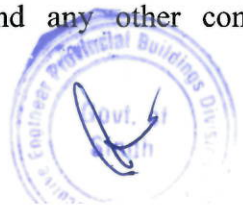
24.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of bid evaluation report in accordance with the requirements of Rule 45, which states that Procuring agencies shall announce the results of bid evaluation in the form of a report giving reasons for acceptance or rejection of bids. The report shall be hoisted on website of authority and that of procuring agency if it website exists and intimated to all bidders at least seven (7) days prior to the award of contract The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the procuring agency"s processing of bids or award decisions may result in the rejection of such bidder"s bid. Whereas, any bidder feeling aggrieved, may lodge a written complaint as per Rule 31; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

IB.25 Clarification of Bid (SPP Rule 43)

25.1 To assist in the examination, evaluation and comparison of bids, the procuring agency may, at its discretion, ask any bidder for clarification of the bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the procuring agency in the evaluation of the bids in accordance with clause IB 28.

IB.26 Examination of Bids and Determination of Responsiveness

26.1 Prior to the detailed evaluation of bids, the procuring agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition



mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

26.2 Once found to be fulfilling the eligibility criteria, as mentioned in sub- clause 26.1, the bids of eligible bidders will be evaluated for technical responsiveness as per specification and criteria given in the bidding documents. Technical and financial evaluations may be carried out in accordance with single stage-single one envelope, single stage-two envelopes, two stage or two stage-two envelopes bidding procedures, depending on the selection procedure adopted by the procuring agency.

26.3 A bid will be considered technically responsive if it (i) has been properly signed; (ii) is accompanied by the required bid security; and (iii) conforms to all the terms, conditions and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the works; (ii) which limits in any substantial way, inconsistent with the bidding documents, the procuring agency"s rights or the bidder"s obligations under the contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

26.4 If a bid has major deviations to the commercial requirements and technical specifications will be considered technically non responsive. As a general rule, major deviations are those that if accepted, would not fulfill the purposes for which the bid is requested, or would prevent a fair comparison or affect the ranking of the bids that are compliant with the bidding documents.

(A). Major (material) Deviations include:-

(i) has been not properly signed;
(ii) is not accompanied by the bid security of required amount and manner;
(iii) stipulating price adjustment when fixed price bids were called for;
(iv) failing to respond to specifications;
(v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
(vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
(vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
(viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
(ix) a material deviation or reservation is one :
  (a) which affect in any substantial way the scope, quality or performance of the works;
  (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

(B) Minor Deviations

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

26.5 If a bid is not substantially responsive, it will be rejected by the procuring agency, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

IB.27 Correction of Errors before Financial Evaluation

27.1 Bids determined to be substantially responsive will be checked by the procuring agency for any arithmetic errors. Errors will be corrected by the procuring agency as follows:

(a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and

(b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the procuring agency there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.

27.2 The amount stated in the Form of Bid will be adjusted by the procuring agency in accordance with the above procedure for the correction of errors and with the concurrence of the bidders. The amount thus corrected shall be considered as binding upon the bidder. If the bidder does not accept the corrected bid price, his bid will be rejected, and the bid security shall be forfeited in accordance with sub- clause IB 15.6(b) hereof.

IB.28 Financial Evaluation and Comparison of Bids

28.1 The procuring agency will evaluate and compare only the Bids determined to be substantially responsive in accordance with clause IB 26.

28.2 In evaluating the Bids, the procuring agency will determine for each bid the evaluated bid price by adjusting the bid price as follows:

(a) making any correction for errors pursuant to clause IB 27;
(b) excluding provisional sums (if any), for contingencies in the Summary Bill of Quantities, but including competitively priced Day work; and
(c) making an appropriate adjustment for any other acceptable variation or deviation.

28.3 The estimated effect of the price adjustment provisions of the conditions of contract, applied over the period of execution of the contract, shall not be taken into account in bid evaluation.

28.4 If the bid of the successful bidder is seriously unbalanced in relation to the procuring agency"s estimate of the cost of work to be performed under the contract, the procuring agency may require the bidder to produce detailed price analyses for any or all items of the Bill of Quantities to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the procuring agency may require that the amount of the Performance

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Security set forth in clause IB.32 be increased at the expense of the successful bidder to a level sufficient to protect the procuring agency against financial loss in the event of default of the successful bidder under the contract.

28.5 Bidders may be excluded if involved in **"Corrupt and Fraudulent Practices"** means either one or any combination of the practices given below SPP Rule2(q);

(i) "**Coercive Practice**" means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;

(ii) "**Collusive Practice**" means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;

(iii)**"Corrupt Practice"** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

(iv)**"Fraudulent Practice"** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(v) **"Obstructive Practice"** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

28.6 Evaluation Report (SPP Rule 45)

After the completion of evaluation process, as described in clauses IB 27 and IB 28, the procuring agency shall announce the results of bid evaluation in the form of report (available on the website of the authority) giving reasons for acceptance and rejection of bid. The report shall be hoisted on website of the authority and that of procuring agencies if its website exists and intimated to all bidders at least seven (7) days prior to the award of contract.

F. AWARD OF CONTRACT

IB.29 Award (SPP Rule 49)

29.1 Subject to clauses IB 30 and IB 34 and provision of the rule: The procuring agency shall award the contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents, and who has offered the lowest evaluated bid, but not necessarily the lowest submitted price, within the original or extended period of bid validity. Provided that such bidder has been determined to be eligible in accordance with the provisions of clause IB 03 and qualify pursuant to sub-clause IB 29.2.

292 Procuring agency, at any stage of the bid evaluation, having credible reasons for or having *prima facie* evidence of any deficiency(ies) in contractor"s capacities, may require the contractor to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not for the said project.

Provided, that such qualification shall only be laid down after recording reasons thereof, in writing. They shall form part of the records of that bid evaluation report.

IB.30 Procuring Agency's Right to reject all Bids or Annul/Cancellation the Bidding Process (SPP Rule 25)

Notwithstanding clause IB 29 and provision of the rule: (1) A procuring agency reserves may cancel the bidding process at any time prior to the acceptance of a bid or proposal; (2) The procuring agency shall incur no liability towards bidders solely by virtue of its invoking sub –rule (1); (3) Intimation of the cancellation of bidding process shall be given promptly to all bidders and bid security shall be returned along with such intimation; (4) The procuring agency shall, upon request by any of the bidders, communicate to such bidder, grounds for cancellation of the bidding process, but is not required to justify such grounds.

IB.31. Notification/Publication of the Award of Contract (SPP Rule 25).

31.1 Prior to expiry of the period of bid validity, including extension, prescribed by the procuring agency, the procuring agency shall notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted. This letter shall mention the sum which the procuring agency will pay to the contractor in consideration of the execution and completion of the works by the contractor as prescribed by the contract (hereinafter and in the conditions of contract called the "Contract Price").

31.2 No negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted, however, procuring agency may hold meetings to clarify any item in the bid evaluation report.

31.3 The notification of award and its acceptance by the bidder will constitute the formation of the contract, binding the procuring agency and the bidder till signing of the formal Contract Agreement.

31.4 Upon furnishing by the successful bidder of a Performance Security and signing of the contract, the procuring agency will promptly notify the name of the successful bidder to all bidders and return their bid securities accordingly.

31.5 Within seven days of the award of contract, procuring agency shall publish on the website of the Authority and on its own website, if such a website exists, the results of the bidding process, identify the bid through procurement identifying numbers, and the following information:

(1) Evaluation Report;
(2) Form of Contract and letter of Award;
(3) Bill of Quantities or Schedule of Requirement.

31.6 Debriefing (SPP Rule 51).

(a) A bidder may ask the procuring agency for reasons for non-acceptance of his bid and may request for a debriefing meeting and procuring agency shall give him the reasons for such non acceptance, either in writing or by holding a debriefing meeting with such a bidder.

(b) The requesting bidder shall bear all the costs of attending such a debriefing.

IB.32 Performance Security (SPP Rule 39)

32.1 The successful bidder shall furnish to the procuring agency a Performance Security in the form of pay order or demand draft or bank guarantee, and the amount stipulated in the bidding data and the Conditions of Contract within a period of 28 days after the receipt of Letter of Acceptance.

32.2 Failure of the successful bidder to comply with the requirements of Sub-clause IB.32.1 or clauses IB 33 or IB 35 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.

32.3 Validity of performance security shall extend at least ninety says beyond the date of completion of contract, or as mentioned in the bidding data to cover defects liability period or maintenance period subject to final acceptance by the procuring agency.

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IB.33 Signing of Contract Agreement (SPP Rule 39)

33.1 Within 14 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the procuring agency will send the successful bidder the Contract Agreement in the form provided in the bidding documents, incorporating all agreements between the parties.

33.2 The formal Agreement between the procuring agency and the successful bidder shall be executed within 14 days of the receipt of the Contract Agreement by the successful bidder from the procuring agency.

33.3 A procurement contract shall come into force when the procuring agency requires signs contract, the date on which the signatures of both the procuring agency and the successful bidder are affixed to the written contract. Such affixing of signatures shall take place within the time prescribed in the bidding documents.

Provided that the procuring agency may reduce the maximum time limit for signing of contract, as and when required, and shall be mentioned in the bidding documents.

33.4 Stamp Duty.

The formal Agreement between the Procuring Agency and the successful bidder shall be duly stamped at rate of 0.35% of bid price (updated from time to time) stated in Letter of Acceptance

Executive Engineer Provincial Buildings Division Govt of Sindh

IB.34 General Performance of the Bidders

Procuring agency may in case of consistent poor performance of the contractor and his failure to remedy the underperforming contract may take such action as may be deemed appropriate under the circumstances of the case including the rescinding the contract and/or black listing of such contractor and debarring him from participation in future bidding process.

IB.35 Integrity Pact (SPP Rule 89)

The bidder shall sign and stamp the Integrity Pact provided at Appendix-L to the bidding documents for all Provincial/Local Government procurement contracts exceeding Rupees ten million. Failure to provide such Integrity Pact shall make the bidder non-responsive.

IB.36 Instructions not Part of Contract

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist bidders in preparing their bids, and do not constitute part of the bid or the Contract Documents.

IB.37 Arbitration (SPP Rule 34)

Any dispute that is not amicably resolved shall be finally settled, unless otherwise specified in the Contract, under the Arbitration Act 1940 updated from time to time and would be held anywhere in the Province of Sindh at the discretion of procuring agency.

CONTRACT / BIDDING DATA

Instructions to Bidders

Clause Reference

1.1	Name and address of the procuring agency:	Executive Engineer Provincial Building Division No. II Karachi.
1.2	Name of the Project and Summary of the works.	Establishment of Shaheed Mohtarma Benazir Bhutto Chairs and Convention Center at University of Karachi (HVAC, Elevators, Generators, PA System, Fire Fighting. Fire Alarm system, CCTV, HV Automation and Remaining Civil works).
2.1	Name of the Borrower / Source of Financing/ Funding Agency/ Funding Source:-	Government of Sindh
2.1	Amount and Type of Financing / Scheme Cost and Allocated Funds.	Annual Development Programme of 2025-26.
8.1	Time limit for clarification	Within 05 (Five Working Days) Prior to Submission.
10.1	Bid language	English
13.1	Not Applicable.	
14.1	Period of Bid validity:	90 Days.
15.1	Amount of Bid Security	1% of Offered Bid Amount.
17.1	Venue, time, and date of the pre-Bid meeting.	Not required
18.4	Number of copies of the bid to be completed and returned.	Original (physical) along with EPADS submission
19.2	(a) Procuring Agency's address for the purpose of bid submission.	Executive Engineer Provincial Building Division No. II, Karachi.
20.1	(a) Deadline for submission of Bids.	As per NIT
	(b) Venue, time, and date of bid opening.	Executive Engineer Provincial Building Division No. II, Karachi @ 10.00 A.M. on 25-06-2026
32.1	Standard form and amount of performance Security acceptable to the procuring agency.	01% bid security will be retained as Performance security).
32.3	Stamp duty	0.35 % Of Bid Amount.

NOTES ON BIDDING DATA

This Section is intended to assist the procuring agency in providing the specific information in relation to corresponding clauses in Instructions to Bidders and should be prepared to suit each individual contract.

The procuring agency should provide in the bidding data information and requirements specific to the circumstances of the procuring agency, the processing of the bid, the applicable rules regarding bid price and currency, and the bid evaluation criteria that will apply to the bids. In preparing this section, the following aspects should be checked:

(1) Information that specifies and complements the provisions of section; Instruction to Bidders must be incorporated.

(2) Amendments and/or supplements, if any, to the provisions of Instructions to Bidders, necessitated by the circumstances of each individual contract, can be introduced only in this section since Instructions to Bidders will remain unchanged.

Contact/Bidding Data

The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

Instructions to Bidders
Clause Reference

1.1 Name and address of the procuring agency:

1.2 Name of the Project and Summary of the works:

Establishment of Shaheed Mohtarma Benazir Bhutto Chairs and Convention Center at University of Karachi (HVAC, Elevators, Generators, PA System, Fire Fighting. Fire Alarm system, CCTV, HV Automation and Remaining Civil works).

8.1 Time limit for clarification:

5 working days prior to last date of submission

10.1 Bid language:

ENGLISH

11.1 (b) Evaluation Information to be updated:
(As per clause IB 11)

Period of Bid Validity:
90 Days

15.1 Amount of Bid Security:
(AS PER NIT)

18.4 Number of Copies to be submitted of the bid:
1- Original (Physical) with EPADS submission

19.2 (a) Procuring Agency's address for the purpose of bid submission:
OFFICE OF THE EXECUTIVE ENGINEER, PROVINCIAL BUILDINGS DIVISION NO. II, KARACHI

20.1 (a) Date for issuance of bids.
(As per NIT/ Corrigendum),

(a) Last Date for collection of bids
(As per NIT/ Corrigendum),

(c) Deadline for submission of bids:
(As per NIT),

(d) Venue, time, and date of bid opening:
(a) **(As per NIT),**

32.1 Standard form and amount of Performance Security acceptable to the procuring agency
1% Bid Security already submitted shall be retained and adjusted as Performance Security.

Executive Engineer Provincial Buildings Division-II Karachi Govt. of Sindh

FORM OF BID
AND
APPENDICES TO BID

FORM OF BID

Bid Reference No. _____
(Name of Contract/Work)

To:

_____
_____
_____

1. Having examined the bidding documents including Instructions to Bidders, Bidding Data, and Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda Nos._____for the execution of the above-named work, we/I, the undersigned, offer to execute and complete the work and remedy any defects therein in conformity with the Conditions of Contract, Specifications, Drawings, Bill of Quantities and Addenda for the sum of Rs. _____ (Rupees _____) or such other sum as may be ascertained in accordance with the said conditions.

2. We/I understand that all the Appendices attached hereto form part of this bid.

3. As security for due performance of the undertakings and obligations of this bid, we/I submit herewith a bid security in the amount of Rupees _____ (Rs._____) drawn in your favour or made payable to procuring agency and valid for a period of _____days beginning from the date, bid is opened.

4. We/I undertake, if our bid is accepted, to commence the works and to complete the whole of the works comprised in the contract within the time stated in Appendix-A to Bid.

5. We/I agree to abide by this bid for the period of _____ days from the date fixed for opening the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this bid, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We do hereby declare that the bid is made without any collusion, comparison of figures or arrangement with any other bidder for the works.

We understand that you are not bound to accept the lowest or any bid you may receive.

9. We undertake, if our/my bid is accepted, to execute the Performance Security referred to in Clause 10 of Conditions of Contract for the due performance of the Contract.

10. We confirm, if our bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution

of the joint venture shall not be altered without the prior consent of the procuring agency.
(Please delete this in case of Bid form a single bidder)

in the capacity of_____duly authorized to sign Bids for and on behalf of

Dated this_____day of_____20_____

Signature: _____

_____
(Name of Bidder in Block Capitals)
(Seal)

Address:_____
_____
_____

Witness:

Signature:_____
Name: _____

Address: _____
_____
Occupation:_____

SPECIAL STIPULATIONS

Clause

Conditions of Contract

1	Amount of Performance Security	4.2 PCC	The performance security is 1%, 1% Bid Security already submitted shall be retained and adjusted as Performance Security.
2	Time for Furnishing Programmed	8.3 PCC	Within 07 days from the date of receipt of Letter of Acceptance.
3	Time for Commencement	8.1 PCC	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.
4	Time for Completion	8.2 &10 PCC	24 Months from the date of Work Order
5	Amount of Liquidity Damages/Delay Damages/Penalties	8.7 PCC	0.01 % of the Contract Price per day 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.
6	Defects Liability Period	11 PCC	12 Months from the effective date of Taking Over Certificate.
7	Percentage of Retention Money	14 PCC	4 % of the amount of Interim/Running Payment Certificate.
8	Limit of Retention Money	14 PCC	10 % of Contract Price stated in the Letter of Acceptance.
9	Minimum amount of Interim/Running Payment Certificates	14 PCC	Not less than 10 Million
10	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the procuring agency.	14.7 PCC	15 working days for checking of constructor's bill by Engineer In charge and after verification of bill by Engineer In charge, the client will process the bill within 15 working days.
11	Mobilization Advance.	14.2 PCC	10% of Contract Price stated in the Letter of Acceptance against Bank guarantee from any scheduled bank of Pakistan.
12	Secured Advance	14.5 PCC	75% of Submitted material invoice amount and advance will be release for non-perishable items when brought at site against indemnity bond.
13	Escalation	15 PCC	Escalation/Price adjustment will be made on all material applicable as per Appendix-C To Bid (BC.0 1).
14	Release of Retention money	14.1 PCC	3 months after completion and handing over of project.

PRICE ADJUSTMENT UNDER CLAUSE 70/ OF CONDITIONS OF CONTRACT

The source of indices and the weight ages or coefficients for use in the adjustment formula under Clause 13.8 shall be as follows:

Cost Element	Description	Weight ages	Applicable index
1	2	3	4
(i)	Fixed Portion	0.45	
(ii)	Local Labor	0.1	Government of Pakistan (GoP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iii)	Cement – in bags	0.15	" " "
(iv)	Reinforcing Steel	0.15	" " "
(v)	High Speed Diesel (HSD)	0.075	" " "
(vi)	Electrical Wires & cables	0.075	" " "
	Total	1.000	

Notes:

1) Indices for "(ii)" to "(vii)" are taken from the Government of Pakistan Federal Bureau of Statistics, Monthly Statistical Bulletin. The base cost indices or prices shall be those applying 15 days prior to the latest day for submission of bids. Current indices or prices shall be those applying 28 days prior to the last day of the billing period.

2) Any fluctuation in the indices or prices of materials other than those given above shall not be subject to adjustment of the Contract Price.

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 (in case of item not mentioned in Bill of Quantities).

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 14 days prior to deadline for submission of Bids in case of ICB/NCB respectively, 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 and shall not be paid separately.

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 13.5 of Part I, General Conditions of Contract.

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

B. Work Items. (Road /PHE Work)*

1. The Bill of Quantities contains the following Bills and Items:

Bill No. 1	-	Earthworks
Bill No. 2	-	Hard Crust and Surface Treatment
Bill No. 3	-	Culverts and Bridges
Bill No. 4	-	Subsurface Drains, Pipe Laying and Man holes
Bill No. 5	-	Tube wells, Pump houses and Compound wall
Bill No. 6	-	Miscellaneous Items

Day work Schedule
Summary Bill of Quantities

2. Bidders shall price the Bill of Quantities in Pakistani Rupees only.

**Procuring Agency can add and delete the Items as per its requirement.*

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)*

B. Work Items (Buildings)

1. The Bill of Quantities contains the following Bills and Items:

Bill No. 1	-	Plinth and Foundation.
Bill No. 2	-	Ground floor.
Bill No. 3	-	First and Subsequent Floors.
Bill No. 4	-	Internal Water Supply and Sanitary Fittings.
Bill No. 5	-	Internal Electrification.
Bill No. 6	-	Miscellaneous Items
Bill No. 7	-	External Development

Day work Schedule
Summary Bill of Quantities

2. Bidders shall price the Bill of Quantities in Pakistani Rupees only.

* *Procuring Agency can add and delete the Items as per its requirement*

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

Bill No. 1 Earthworks/Plinth and Foundation

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
101						
102						
103						
104						
105						
106						
Total for Bill No. 1 (Carried forward to Summary Page)						

BILL OF QUANTITIES (SAMPLE)

Bill No. 2 Hard Crust and Surface Treatment /Ground Floor.

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
201						
202						
203						
204						
205						
206						
Total for Bill No. 2 (Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

Bill No. 3 Culverts and Bridges/First and Subsequent Floors

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
301						
302						
303						
304						
305						
306						
Total for Bill No. 3 (Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

Bill No. 4 Subsurface Drains/ Pipe Laying and Man holes/Internal water Supply and Sanitary Fittings

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
401						
402						
403						
404						
205						
406						
Total for Bill No. 4 (Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

Bill No. 5 Tube wells and Pump-houses/Internal Electrification

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
501						
502						
503						
504						
505						
506						
Total for Bill No. 5 Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

Bill No. 6 - Miscellaneous Items

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
601	Mobilization Cost					
602						
603						
604						
605						
606						
Total for Bill No. 6 Carried forward to Summary Page)						

BILL OF QUANTITIES (SAMPLE)

Bill No. 7 External Development

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
601	Items of water supply & drainage					
602	Paths & parks					
603	External electrification					
604						
605						
606						
Total for Bill No. 7 Carried forward to Summary Page)						

BILL OF QUANTITIES

C. Day work Schedule

General

1. Reference is made to Sub-Clause 13.6 of the General Conditions of Contract. Work shall not be executed on a day work basis except by written order of the Engineer. Bidders shall enter basic rates for day work items in the Schedules, which rates shall apply to any quantity of day work ordered by the Engineer. Nominal quantities have been indicated against each item of day work, and the extended total for day work shall be carried forward to the bid price.

Day work Labour

2. In calculating payments due to the contractor for the execution of day work, the actual time of classes of labour directly doing the day work ordered by the Engineer and for which they are competent to perform will be measured excluding meal breaks and rest periods. The time of gangers (charge hands) actually doing work with the gang will also be measured but not the time of foreman or other supervisory personnel.

3. The contractor shall be entitled to payment in respect of the total time that labour is employed on day work, calculated at the basic rates entered by him in the Schedule of day work Rates for labour together with an additional percentage, payment on basic rates representing the contractor"s profit, overheads, etc., as described below:

   a) the basic rates for labour shall cover all direct costs to the contractor, including (but not limited to) the amount of wages paid to such labour, transportation time, overtime, subsistence allowances and any sums paid to or on behalf of such labour for social benefits in accordance with Pakistan law. The basic rates will be payable in local currency only; and

   b) the additional percentage payment to be quoted by the bidder and applied to costs incurred under (a) above shall be deemed to cover the contractor"s profit, overheads, superintendence, liabilities and insurances and allowances to labour timekeeping and clerical and office work; the use of consumable stores, water, lighting and power; the use and repair of staging"s, scaffolding, workshops and stores, portable power tools, manual plant and tools; supervision by the contractor"s staff, foremen and other supervisory personnel; and charges incidental to the foregoing.

Executive Engineer Provincial Buildings Division-II Karachi
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Appendix-D to Bid

SCHEDULE OF DAYWORK RATES

I. Labour

Item No.	Description	Unit	Nominal Quantity	Rate (Rs) in Figure	Rate (Rs) in Words	Extended Amount (Rs.)
1	2	3	4	5	6	7
D101	Ganger	Hr	500			
D102	Labourer	Hr	5,000			
D103	Brick layer	Hr	500			
D104	Mason	Hr	500			
D105	Carpenter	Hr	500			
D106	Steel work Erector	Hr	500			
	------etc-------	Hr	500			
D113	Driver for vehicle up to 10 tons	Hr	1,000			
D114	Operator for excavator, dragline, shovel or crane	Hr	500			
D115	Operator for tractor, (tracked) with dozer blade or ripper	Hr	500			
D122	**Sub Total** Allow_____percent of subtotal for Contractor"s overhead, profit, etc, in accordance with Paragraph 3(b) of Day work Schedule _____ Total for Day work: Labour : _____ (Carried forward to Day work Summary)					

Day work Material

4. The contractor shall be entitled to payment in respect of materials used for day work (except for materials for which the cost is included in the percentage addition to labour costs as detailed heretofore), at the basic rates entered by him in the Schedule of Day work Rates for materials together with an additional percentage payment on the basic rates to cover overhead charges and profit, as follows:

a) the basic rates for materials shall be calculated on the basis of the invoiced price, freight, insurance, handling expenses, damage, losses, etc., and shall provide for delivery to store for stockpiling at the site. The basic rates shall be stated in local currency but payment will be made in the currency or currencies expended upon presentation of supporting documentation;

b) the additional percentage payment shall be quoted by the bidder and applied to the equivalent local currency payments made under Sub-Para(a) above; and

c) the cost of hauling materials used on work ordered to be carried out as Day work from the store or stockpile on the site to the place where it is to be use d will be paid in accordance with the terms for Labour and Constructional Plant in this Schedule.

Appendix-D to Bid

SCHEDULE OF DAYWORK RATES

II. Materials

Item No.	Description	Unit	Nominal Quantity	Rate (Rs) in Figure	Rate (Rs) in Words)	Extended Amount (Rs.)
1	2	3	4	5	6	7
D201	Cement, ordinary Portland or equivalent in bags	M:Ton	200			
D202	Mild Steel reinforcing bar up to 16mm diameter to BS 4449 or equivalent	M:Ton	100			
D203	Fine aggregate for concrete as specified in Clause_____	Cu: M	1,000			
D204	.....etc.....					
D222	Gelignite (Noble Special Gelatine 60 % or equivalent) including caps, fuse, wire and requisite accessories	M:Ton	10			
D223	**Sub Total** Allow_____percent of subtotal for Contractor"s overhead, profit, etc., in accordance with Paragraph 4(b) of Day work Schedule _____ Total for Day work: Materials _____ (Carried forward to Day work Summary)					

Day Work Constructional Plant

5. The contractor shall be entitled to payments in respect of constructional plant already on site and employed on Day work at the basic rental rates entered by him in the Schedule of Day work Rates for constructional plant. The said rates shall be deemed to include complete allowance for depreciation, interest, indemnity and insurance, repairs, maintenance, supplies, fuel, lubricants, and other consumables, and all overhead, profit and administrative costs related to the use of such equipment. The cost of drivers, operators and assistants will be paid for separately as described under the section on Day work Labour.

6. In calculating the payment due to the Contractor for constructional plant employed on Day work, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Engineer, the travelling time from the part of the site where the constructional plant was located when ordered by the Engineer to be employed on Day work and the time for return journey thereto shall be included for payment.

7. The basic rental rates for constructional plant employed on Day work shall be stated in Pakistani Rupees.

SCHEDULE OF DAYWORK RATES

III. Constructional Plant

Item No.	Description	Unit	Nominal Quantity	Rate (Rs.) in Figure	Rate Rs.) in Words	Extended Amount (Rs.)
1	2	3	4		5	6
D301	Excavator ,face shovel or dragline:					
	1. Up-to and including 1 Cu.M.	Hr	500			
	2. Over 1 Cu.M to 2 Cu. M.					
	3. Over 2 Cu. M	Hr	400			
		Hr	100			
D302	Tractor (tracked) including bull or angle dozer:					
	1. Up-to and including 150 HP	Hr	500			
	2. Over 150 to 200 HP	Hr	400			
	3. Over 200 to 250 HP	Hr	200			
D303	Tractor with ripper:					
	1. Up-to and including 200 HP	Hr	400			
	2. Over 200 to 250 HP	Hr	200			
D304	.....etc.....					
	Total for day work: Constructional Plant _____ (Carried forward to day work summary)					

DAYWORK

Summary (Day work)

		Amount (Rs.)
(I)	Total for day work: Labour	_____
(II)	Total for day work: Materials	_____
(III)	Total for day work: Constructional Plant	_____
	Total for day work (Carried forward to summary page of Bill of Quantities)	_____

Appendix-D to Bid

BILL OF QUANTITIES (SAMPLE)

SUMMARY

		▪ Amount (Rs.)
Bill No. 1:	Earthworks/Plinth and Foundation	
Bill No. 2:	Culverts and Bridges/Ground Floor	
Bill No. 3:	Subsurface Drains/Internal Water Supply & Sanitary Fittings	
Bill No 4:	Subsurface Drains/ Pipe Laying and Man holes/Internal water Supply and Sanitary Fittings	
Bill No. 5	Tube wells and Pump-houses/Internal Electrification	
Bill No. 6	Miscellaneous Items	
Bill No. 7	External Development	
	Sub-Total of Bills	_____
	Day work	_____
	Bid Price	_____

Note: All Provisional Sums are to be expended in whole or, in part at the direction and discretion of the Engineer in accordance with Sub-Clauses 52.4 and 58.2 of the General Conditions of Contract Part- I.

PROPOSED CONSTRUCTION SCHEDULE

Pursuant to Sub-Clause 43.1 of the General Conditions of Contract, the works shall be completed on or before the date stated in Appendix-A to Bid. The bidder shall provide as Appendix-E to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the works and parts of the works may meet procuring agency"s completion targets in days noted below and counted from the date of receipt of Engineer"s Notice to Commence (Attach sheets as required for the specified form of Construction Schedule):

	Description	**Time for Completion**
1)	Whole works	_____days
2)	Part-A	_____days
3)	Part-B	_____days
4)	_____	_____days
5)	_____	_____days

METHOD OF PERFORMING THE WORK

[The bidder is required to submit a narrative outlining the method of performing the work. The narrative should indicate in detail and include but not be limited to:

1. Organization Chart indicating head office and field office personnel involved in management and supervision, engineering, equipment maintenance and purchasing.

2. Mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.

3. The method of executing the works, the procedures for installation of equipment and machinery and transportation of equipment and materials to the site.

Appendix-G to Bid

LIST OF MAJOR EQUIPMENT – RELATED ITEMS

[The bidder will provide on Sheet 2 of this Appendix a list of all major equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the works. The information shall include make, type, capacity, and anticipated period of utilization for all equipment which shall be in sufficient detail to demonstrate fully that the equipment will meet all requirements of the Specifications.]

Appendix-G to Bid

LIST OF MAJOR EQUIPMENT (SAMPLE)

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
1	2	3	4	5	6	7
a. Owned						
b. To be Purchased						
c. To be arranged on Lease						

Appendix-H to Bid

CONSTRUCTION CAMP AND HOUSING FACILITIES

The Contractor in accordance with Clause 6 of the Conditions of Contract shall provide description of his construction camp"s facilities and staff housing requirements.

The contractor shall be responsible for pumps, electrical power, water and electrical distribution systems, and sewerage system including all fittings, pipes and other items necessary for servicing the contractor"s construction camp.

The bidder shall list or explain his plans for providing these facilities for the service of the contract as follows:

1. Site Preparation (clearing, land preparation, etc.).

2. Provision of Services.

    a) Power (expected power load, etc.).
    b) Water (required amount and system proposed).
    c) Sanitation (sewage disposal system, etc.).

3. Construction of Facilities

    a) Contractor"s Office. Workshop and Work Areas (areas required and proposed layout, type of construction of buildings, etc.).
    b) Warehouses and Storage Areas (area required, type of construction and layout).
    c) Housing and Staff Facilities (Plans for housing for proposed staff, layout, type of construction, etc.).

4. Construction Equipment Assembly and Preparation (detailed plans for carrying out this activity).

5. Other Items Proposed (Security services, etc.).

Appendix-I to Bid

LIST OF SUBCONTRACTORS

I/We intend to subcontract the following parts of the work to subcontractors. In my/our opinion, the subcontractors named hereunder are reliable and competent to perform that part of the work for which each is listed.

Enclosed are documentation outlining experience of subcontractors, the curriculum vitae and experience of their key personnel who will be assigned to the contract, equipment to be supplied by them, size, location and type of contracts carried out in the past.

Part of Works (Give Details)	Subcontractor (With Complete Address)
1	2

Appendix-J to Bid

ESTIMATED PROGRESS PAYMENTS (SAMPLE)

Bidder"s estimate of the value of work which would be executed by him during each of the periods stated below, based on his Programme of the works and the Rates in the Bill of Quantities, expressed in Pakistani Rupees:

Quarter/ Year/ Period	Amounts (in thousands)
1	2
Ist Quarter	
2nd Quarter	
3rd Quarter	
4th Quarter	
5th Quarter	
6th Quarter	
7th Quarter	
8th Quarter	
9th Quarter	
Bid Price	

Appendix-K to Bid

ORGANIZATION CHART FOR THE SUPERVISORY STAFF AND LABOUR

(To be filled in by the bidder)

(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC; PAYABLE BY CONTRACTORS.

(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)

Contract No._____Dated_____
Contract Value: _____
Contract Title: _____

..... [name of Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from, from Procuring Agency (PA) except that which has been expressly declared pursuant hereto.

[name of Contractor] accepts full responsibility and strict liability that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

.....
[Procuring Agency]

[Contractor]

FORMS

BID SECURITY
PERFORMANCE SECURITY
CONTRACT AGREEMENT
MOBILIZATION ADVANCE GUARANTEE
INDENTURE BOND FOR SECURED ADVANCE

BID SECURITY
(Bank Guarantee)

Security Executed on _____
(Date)

Name of Surety (Bank) with Address: _____
(Scheduled Bank in Pakistan)

Name of Principal (Bidder) with Address _____

_____

Penal Sum of Security Rupees._____(Rs._____)

Bid Reference No. _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the bid and at the request of the said Principal (Bidder) we, the Surety above named, are held and firmly bound unto _____

(hereinafter called the 'Procuring Agency') in the sum stated above for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Bidder has submitted the accompanying bid dated_____for Bid No._____for_____(Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Procuring Agency has required as a condition for considering said bid that the **bidder** furnishes a bid security in the above said sum from a Scheduled Bank in Pakistan or from a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan, to the procuring agency, conditioned as under:

(1) that the bid security shall remain in force up to and including the date 28 days after the deadline for validity of bids as stated in the Instructions to bidders or as it may be extended by the procuring agency, notice of which extension(s) to the Surety is hereby waived;

(2) that the bid security of unsuccessful bidders will be returned by the procuring agency after expiry of its validity or upon signing of the Contract Agreement; and

(3) that in the event of failure of the successful bidder to execute the proposed Contract Agreement for such work and furnish the required Performance Security, the entire said sum be paid immediately to the said procuring agency pursuant to Clause 15.6 of the Instruction to bidders for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract with the said procuring agency in accordance with his bid as accepted and furnish within twenty eight (28) days of his being requested to do so, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said procuring agency for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said bid within the time specified for its validity then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Surety shall forthwith pay the procuring agency, the said sum upon first written demand of the procuring agency (without cavil or argument) and without requiring the procuring agency to prove or to show grounds or reasons for such demand,

notice of which shall be sent by the procuring agency by registered post duly addressed to the Surety at its address given above.

PROVIDED ALSO THAT the procuring agency shall be the sole and final judge for deciding whether the Principal (Bidder) has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Surety shall pay without objection the said sum upon demand from the procuring agency forthwith and without any reference to the Principal (Bidder) or any other person.

IN WITNESS WHEREOF, the above bounden Surety has executed the instrument under its seal on the date indicated above, the name and seal of the Surety being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

SURETY (Bank)

WITNESS:

Signature _____

1. _____

Name _____

_____

Title _____

Corporate Secretary (Seal)

Corporate Guarantor (Seal)

2. _____

_____

Name, Title & Address

FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No._____
Executed on _____
Expiry date _____

[Letter by the Guarantor to the Procuring Agency]

Name of Guarantor (Bank) with address:_____
(Scheduled Bank in Pakistan)

Name of Principal (Contractor) with address:_____

_____

Penal Sum of Security (express in words and figures)_____

_____

Letter of Acceptance No._____Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the bidding documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the_____(hereinafter called the procuring agency) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said procuring agency, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the procuring agency's above said Letter of Acceptance for _____ _____ (Name of Contract) for the _____ _____(Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the procuring agency, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 49, Defects Liability, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We,_____(the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the procuring agency without delay upon the procuring agency's first written demand without

cavil or arguments and without requiring the procuring agency to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the procuring agency's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Procuring Agency"s designated Bank & Account Number.

PROVIDED ALSO THAT the procuring agency shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the procuring agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

_____
Guarantor (Bank)

Witness:

1. _____

_____
Corporate Secretary (Seal)

Signature _____

Name_____

Title _____

2. _____

_____
Name, Title & Address

_____
Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the _____ day of_____(month) 20_____ between _____ (hereafter called the "Procuring Agency") of the one part and _____(hereafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency is desirous that certain works, viz _____ should be executed by the Contractor and has accepted a bid by the Contractor for the execution and completion of such works and the remedying of any defects therein.

NOW this Agreement witnesseth-- as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to bidders shall be deemed to form and be read and construed as part of this Agreement, viz:

   (a) The Contract Agreement;
   (b) The Letter of Acceptance;
   (c) The completed Form of Bid;
   (d) Special Stipulations (Appendix-A to Bid);
   (e) The Special Conditions of Contract – Part II;
   (f) The General Conditions – Part I;
   (g) The priced Bill of Quantities (Appendix-D to Bid);
   (h) The completed Appendices to Bid (B, C, E to L);
   (i) The Drawings;
   (j) The Specifications.
   (k) _____(any other)

3. In consideration of the payments to be made by the procuring agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the procuring agency to execute and complete the works and remedy defects therein in conformity and in all respects with the provisions of the contract.

4. Procuring agency hereby covenants to pay the contractor, in consideration of the execution and completion of the works as per provisions of the contract, the contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

_____

(Seal)

Signature of Procuring Agency

_____

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

_____

(Name, Title and Address)

Witness:

_____

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

Bank Guarantee No._____Date _____

WHEREAS_____(hereinafter called the 'Procuring Agency') has entered into a Contract for _____
(Particulars of Contract)
with_____(hereinafter called the "Contractor').

AND WHEREAS, the Procuring Agency has agreed to advance to the Contractor, at the Contractor's request, an amount of Rupees_____(Rs_____) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS, the Procuring Agency has asked the Contractor to furnish Guarantee to secure the mobilization advance for the performance of his obligations under the said Contract.

AND WHEREAS, _____
(Scheduled Bank in Pakistan)
(hereinafter called the "Guarantor") at the request of the Contractor and in consideration of the **procuring agency** agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in fulfilment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the procuring agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the procuring agency shall be the sole and final judge, on the part of the Contractor, shall be given by the procuring agency to the Guarantor, and on such first written demand, payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall remain in force until the advance is fully adjusted against payments from the Interim Payment Certificates of the Contractor or until _____whichever is earlier.
(Date)
The Guarantor's liability under this Guarantee shall not in any case exceed the sum of Rupees _____(Rs_____).

This Guarantee shall remain valid up to the aforesaid date and shall be null and void after the aforesaid date or earlier if the advance made to the Contractor is fully adjusted against payments from Interim Payment Certificates of the Contractor provided that the Guarantor agrees that the aforesaid period of validity shall be deemed to be extended if on the above mentioned date the advance payment is not fully adjusted.

GUARANTOR

1. Signature _____
2. Name _____
3. Title _____

WITNESS

1. _____

_____
Corporate Secretary (Seal)

2. _____
(Name Title & Address)

_____
Corporate Guarantor (Seal)

INDENTURE FOR SECURED ADVANCES.

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time).

This INDENTURE made the ..... day of .... 20..... BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and _____ (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works).[1]

AND WHEREAS the contractor has applied to the ....for an advance to him of Rupees ..... (Rs. .....) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees, (Rs. .....) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (B). the said works signed by the contractor

Fin R.Form.l7.A

On ..... and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees..... (Rs. .....) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow :-

(1) That the said sum of Rupees..... Rs. .....) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced as aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

(2) That the materials detailed in the said Running Account Bill (B) which have been offered to and accepted by (he Government as security for the said amount are

absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

(3) That the said materials detailed in the said Running Account Bill (B) and all other materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in *the* execution of the said works in accordance with the directions of the Divisional Officer (hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at jthe site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a greater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) 'Hurt the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.

(7) at if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said
agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve percent per annum from the date or respective dates of such advance or advances to the date or repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the

enforcement of this security or otherwise by reason of (he default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees..... .....
(Rs. .....) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these present PROVIDED ALWAYS and it is hereby agreed and declared that not, withstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.
Once there with the Government may at any time thereafter adopt all or any of following courses as it may deem best ;-

(a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.

(b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.

(c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents interest on the said advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer/Executive District Officer/Officer one grade higher to officer signed the agreement Circle whose..... decision shall be final and the provisions of the Arbitration Act 1940 for the time being in force so far as they are applicable shall apply to any such reference.

Singed, sealed and delivered by*
In the presence of

SEAL

1st witness
2nd witness

Signed, sealed and delivered by*
In the presence of

SEAL

1st witness
2nd witness

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

Notes on the Conditions of Contract

The Conditions of Contract comprise two parts:

(a) **Part I - General Conditions of Contract**
(b) **Part II - Special Conditions of Contract**

Over the years, a number of "model" General Conditions of Contract have evolved. The one used in these Standard Bidding Documents was prepared by the International Federation of Consulting Engineers (Federation International des Ingenieurs-Conseils, or FIDIC), and is commonly known as the FIDIC Conditions of Contract. (The used version is the harmonized Edition March 2006).

The FIDIC Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract, and cannot be used without major modifications for other types of contract, such as lump sum, turnkey, or target cost contracts.

The standard text of the General Conditions of Contract chosen must be retained intact to facilitate its reading and interpretation by bidders and its review by the procuring agency. Any amendments and additions to the General Conditions, specific to the contract in hand, should be introduced in the Particular Conditions of Contract.

The use of standard conditions of contract for all civil works will ensure comprehensiveness of coverage, better balance of rights or obligations between procuring agency and Contractor, general acceptability of its provisions, and savings in time and cost for bid preparation and review, leading to more economic prices.

The FIDIC Conditions of Contract are copyrighted and may not be copied, faxed, or reproduced. Without taking any responsibility of its being accurate, Pakistan Engineering Council with prior consent of FIDIC Secretariat, has reproduced herein the FIDIC General Conditions of Contract for reference purpose only which cannot be used by the users for preparing their bidding documents. The bidding document may include a purchased copy, the cost of which can be retrieved as part of the selling price of the bidding document. Alternatively, the FIDIC Conditions of Contract can be referred to in the bidding documents, and the bidders are advised to obtain copies directly from FIDIC.*

---

* Add the following text if the bidding documents, as issued, do not include a copy:
"Copies of the FIDIC Conditions of Contract can be obtained from:
To request such permission please contact:
FIDIC CASE POSTALE, CH-1215 Switzerland;
Tel. +41 22 799 49 00;
Fax; +41 22 799 49 01
E-mail: fidic@fidic.org.

Conditions of Contract for CONSTRUCTION

FOR BUILDING AND ENGINEERING WORKS DESIGNED BY THE EMPLOYER

Multilateral Development Bank Harmonized Edition
March 2006

General Conditions

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FEDERATION INTERNATIONALE DES INGENIEURS-CONSEILS
INTERNATIONAL FEDERATION OF CONSULTING ENGINEERS
INTERNATIONALE VEREINIGUNG BERATENDER INGENIEURE
FEDERACION INTERNACIONAL DE INGENIEROS CONSULTORES

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Executive Engineer Provincial Buildings Division-II Karachi Govt. of Sindh

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General Provisions

1.1
Definitions

In the Conditions of Contract ("these Conditions"), which include Particular Conditions, Parts A and B, and these General Conditions, the following words and expressions shall have the meanings stated. Words indicating persons or parties include corporations and other legal entities, except where the context requires otherwise.

1.1.1
The Contract

1.1.1.1 "Contract" means the Contract Agreement, the Letter of Acceptance, the Letter of Tender, these Conditions, the Specification, the Drawings, the Schedules, and the further documents (if any) which are listed in the Contract Agreement or in the Letter of Acceptance.

1.1.1.2 "Contract Agreement" means the contract agreement referred to in Sub-Clause 1.6 [Contract Agreement].

1.1.1.3 "Letter of Acceptance" means the letter of formal acceptance, signed by the Employer, of the Letter of Tender, including any annexed memoranda comprising agreements between and signed by both Parties. If there is no such letter of acceptance, the expression "Letter of Acceptance" means the Contract Agreement and the date of issuing or receiving the Letter of Acceptance means the date of signing the Contract Agreement.

1.1.1.4 "Letter of Tender" means the document entitled letter of tender or letter of bid, which was completed by the Contractor and includes the signed offer to the Employer for the Works.

1.1.1.5 "Specification" means the document entitled specification, as included in the Contract, and any additions and modifications to the specification in accordance with the Contract. Such document specifies the Works.

1.1.1.6 "Drawings" means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Employer in accordance with the Contract.

1.1.1.7 "Schedules" means the document(s) entitled schedules, completed by the Contractor and submitted with the Letter of Tender, as included in the Contract. Such document may include the Bill of Quantities, data, lists, and schedules of rates and/or prices.

1.1.1.8 "Tender" means the Letter of Tender and all other documents which the Contractor submitted with the Letter of Tender, as included in the Contract.

1.1.1.9 "Bill of Quantities", "Daywork Schedule" and "Schedule of Payment Currencies" mean the documents so named (if any) which are comprised in the Schedules.

1.1.1.10 "Contract Data" means the pages completed by the Employer entitled contract data which constitute Part A of the Particular Conditions.

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1.1.2

Parties and Persons

1.1.2.1 "Party" means the Employer or the Contractor, as the context requires.

1.1.2.2 "Employer" means the person named as employer in the Contract Data and the legal successors in title to this person.

1.1.2.3 "Contractor" means the person(s) named as contractor in the Letter of Tender accepted by the Employer and the legal successors in title to this person(s).

1.1.2.4 "Engineer" means the person appointed by the Employer to act as the Engineer for the purposes of the Contract and named in the Contract Data, or other person appointed from time to time by the Employer and notified to the Contractor under Sub-Clause 3.4 [Replacement of the Engineer].

1.1.2.5 "Contractor's Representative" means the person named by the Contractor in the Contract or appointed from time to time by the Contractor under Sub-Clause 4.3 [Contractor's Representative], who acts on behalf of the Contractor.

1.1.2.6 "Employer's Personnel" means the Engineer, the assistants referred to in Sub-Clause 3.2 [Delegation by the Engineer] and all other staff, labour and other employees of the Engineer and of the Employer; and any other personnel notified to the Contractor, by the Employer or the Engineer, as Employer's Personnel.

1.1.2.7 "Contractor's Personnel" means the Contractor's Representative and all personnel whom the Contractor utilises on Site, who may include the staff, labour and other employees of the Contractor and of each Subcontractor; and any other personnel assisting the Contractor in the execution of the Works.

1.1.2.8 "Subcontractor" means any person named in the Contract as a subcontractor, or any person appointed as a subcontractor, for a part of the Works; and the legal successors in title to each of these persons.

1.1.2.9 "DB" means the person or three persons appointed under Sub-Clause 20.2 [Appointment of the Dispute Board] or Sub-Clause 20.3 [Failure to Agree on the Composition of the Dispute Board].

1.1.2.10 "FIDIC" means the Fédération Internationale des Ingénieurs-Conseils, the international federation of consulting engineers.

1.1.2.11 "Bank" means the financing institution (if any) named in the Contract Data.

1.1.2.12 "Borrower" means the person (if any) named as the borrower in the Contract Data.

1.1.3
Dates, Tests, Periods and Completion

1.1.3.1 "Base Date" means the date 28 days prior to the latest date for submission and completion of the Tender.

1.1.3.2 "Commencement Date" means the date notified under Sub-Clause 8.1 [Commencement of Works].

1.1.3.3 "Time for Completion" means the time for completing the Works or a Section (as the case may be) under Sub-Clause 8.2 [Time for Completion], as stated in the Contra

Data (with any extension under Sub-Clause 8.4 [Extension of Time for Completion]), calculated from the Commencement Date.

1.1.3.4 "Tests on Completion" means the tests which are specified in the Contract or agreed by both Parties or instructed as a Variation, and which are carried out under Clause 9 [Tests on Completion] before the Works or a Section (as the case may be) are taken over by the Employer.

1.1.3.5 "Taking-Over Certificate" means a certificate issued under Clause 10 [Employer's Taking Over].

1.1.3.6 "Tests after Completion" means the tests (if any) which are specified in the Contract and which are carried out in accordance with the Specification after the Works or a Section (as the case may be) are taken over by the Employer.

1.1.3.7 "Defects Notification Period" means the period for notifying defects in the Works or a Section (as the case may be) under Sub-Clause 11.1 [Completion of Outstanding Work and Remedying Defects], which extends over twelve months except if otherwise stated in the Contract Data (with any extension under Sub-Clause 11.3 [Extension of Defects Notification Period]), calculated from the date on which the Works or Section is completed as certified under Sub-Clause 10.1 [Taking Over of the Works and Sections].

1.1.3.8 "Performance Certificate" means the certificate issued under Sub-Clause 11.9 [Performance Certificate].

1.1.3.9 "day" means a calendar day and "year" means 365 days.

1.1.4
Money and Payments

1.1.4.1 "Accepted Contract Amount" means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.

1.1.4.2 "Contract Price" means the price defined in Sub-Clause 14.1 [The Contract Price], and includes adjustments in accordance with the Contract.

1.1.4.3 "Cost" means all expenditure reasonably incurred (or to be incurred) by the Contractor, whether on or off the Site, including overhead and similar charges, but does not include profit.

1.1.4.4 "Final Payment Certificate" means the payment certificate issued under Sub-Clause 14.13 [Issue of Final Payment Certificate].

1.1.4.5 "Final Statement" means the statement defined in Sub-Clause 14.11 [Application for Final Payment Certificate].

1.1.4.6 "Foreign Currency" means a currency in which part (or all) of the Contract Price is payable, but not the Local Currency.

1.1.4.7 "Interim Payment Certificate" means a payment certificate issued under Clause 14 [Contract Price and Payment], other than the Final Payment Certificate.

1.1.4.8 "Local Currency" means the currency of the Country.

1.1.4.9 "Payment Certificate" means a payment certificate issued under Clause 14 [Contract Price and Payment].

1.1.4.10 "Provisional Sum" means a sum (if any) which is specified in the Contract as a provisional sum, for the execution of any part of the Works or for the supply of Plant, Materials or services under Sub-Clause 13.5 [Provisional Sums].

1.1.4.11 "Retention Money" means the accumulated retention moneys which the Employer retains under Sub-Clause 14.3 [Application for Interim Payment Certificates] and pays under Sub-Clause 14.9 [Payment of Retention Money].

1.1.4.12 "Statement" means a statement submitted by the Contractor as part of an application, under Clause 14 [Contract Price and Payment], for a payment certificate.

1.1.5
Works and Goods

1.1.5.1 "Contractor's Equipment" means all apparatus, machinery, vehicles and other things required for the execution and completion of the Works and the remedying of any defects. However, Contractor's Equipment excludes Temporary Works, Employer's Equipment (if any), Plant, Materials and any other things intended to form or forming part of the Permanent Works.

1.1.5.2 "Goods" means Contractor's Equipment, Materials, Plant and Temporary Works, or any of them as appropriate.

1.1.5.3 "Materials" means things of all kinds (other than Plant) intended to form or forming part of the Permanent Works, including the supply-only materials (if any) to be supplied by the Contractor under the Contract.

1.1.5.4 "Permanent Works" means the permanent works to be executed by the Contractor under the Contract.

1.1.5.5 "Plant" means the apparatus, machinery and vehicles intended to form or forming part of the Permanent Works, including vehicles purchased for the Employer and relating to the construction or operation of the Works.

1.1.5.6 "Section" means a part of the Works specified in the Contract Data as a Section (if any).

1.1.5.7 "Temporary Works" means all temporary works of every kind (other than Contractor's Equipment) required on Site for the execution and completion of the Permanent Works and the remedying of any defects.

1.1.5.8 "Works" mean the Permanent Works and the Temporary Works, or either of them as appropriate.

1.1.6
Other Definitions

1.1.6.1 "Contractor's Documents" means the calculations, computer programs and other software, drawings, manuals, models and other documents of a technical nature (if any) supplied by the Contractor under the Contract.

1.1.6.2 "Country" means the country in which the Site (or most of it) is located, where the Permanent Works are to be executed.

1.1.6.3 "Employer's Equipment" means the apparatus, machinery and vehicles (if any) made available by the Employer for the use of the Contractor in the execution of the Works, as stated in the Specification; but does not include Plant which has not been taken over by the Employer.

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1.1.6.4 "Force Majeure" is defined in Clause 19 [Force Majeure].

1.1.6.5 "Laws" means all national (or state) legislation, statutes, ordinances and other laws, and regulations and by-laws of any legally constituted public authority.

1.1.6.6 "Performance Security" means the security (or securities, if any) under Sub-Clause 4.2 [Performance Security].

1.1.6.7 "Site" means the places where the Permanent Works are to be executed, including storage and working areas, and to which Plant and Materials are to be delivered, and any other places as may be specified in the Contract as forming part of the Site..

1.1.6.8 "Unforeseeable" means not reasonably foreseeable by an experienced contractor by the Base Date.

1.1.6.9 "Variation" means any change to the Works, which is instructed or approved as a variation under Clause 13 [Variations and Adjustments].

1.2

Interpretation

In the Contract, except where the context requires otherwise:

(a) words indicating one gender include all genders;
(b) words indicating the singular also include the plural and words indicating the plural also include the singular;
(c) provisions including the word "agree", "agreed" or "agreement" require the agreement to be record in writing;
(d) "written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record; and
(e) the word "tender" is synonymous with "bid", and "tenderer" with "bidder" and the words "tender documents" with "bidding documents".

The marginal words and other headings shall not be taken into consideration in the interpretation of these Conditions.

In these Conditions, provisions including the expression "Cost plus profit" require this
profit to be one-twentieth (5%) of this Cost unless otherwise indicated in the Contract
Data.

1.3

Communications

Wherever these Conditions provide for the giving or issuing of approvals, certificates, consents, determinations, notices, requests and discharges, these communications
shall be:

(a) in writing and delivered by hand (against receipt), sent by mail or courier, or transmitted using any of the agreed systems of electronic transmission as stated in the Contract Data; and
(b) delivered, sent or transmitted to the address for the recipient's communications as stated in the Contract Data. However:

(i) if the recipient gives notice of another address, communications shall thereafter be delivered accordingly; and
(ii) if the recipient has not stated otherwise when requesting an approval or consent, it may be sent to the address from which the request was

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issued.

Approvals, certificates, consents and determinations shall not be unreasonably withheld or delayed. When a certificate is issued to a Party, the certifier shall send a copy to the other Party. When a notice is issued to a Party, by the other Party or the Engineer, a copy shall be sent to the Engineer or the other Party, as the case may be.

1.4
Law and Language

The Contract shall be governed by the law of the country or other jurisdiction stated in the Contract Data.

The ruling language of the Contract shall be that stated in the Contract Data.

The language for communications shall be that stated in the Contract Data. If no language is stated there, the language for communications shall be the ruling language of the Contract.

1.5
Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence:

(a) the Contract Agreement (if any),
(b) the Letter of Acceptance,
(c) the Tender,
(d) the Particular Conditions - Part A,
(e) the Particular Conditions - Part B,
(f) these General Conditions,
(g) the Specification,
(h) the Drawings, and
(i) the Schedules and any other documents forming part of the Contract.

If an ambiguity or discrepancy is found in the documents, the Engineer shall issue any necessary clarification or instruction.

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PART II - SPECIAL /PARTICULAR CONDITIONS OF CONTRACT

1.1 Definitions

1.1.1.4 "Form of Bid" is synonymous with "Letter of Tender".

1.1.1.5 "Bid" is synonymous with "Tender".

1.1.1.10 "Bidding" is synonymous with "contract".

The following paragraph is added:

1.1.1.11"Programme" means the programme to be submitted by the contractor in accordance with Sub-Clause 8.3 and any approved revisions thereto.

1.12.2 "Employer" is synonymous with "Procuring Agency"

1.1.2.9 "DB" is synonymous with "Committee".

1.1.3.1 Replace 28 days by 7 days in LCB and 15 days in ICB..

1.1.3.7 "Defects notification Period" is synonymous with "Defects liability Period".

1.15 **Inspections and Audit by the Bank**
Deleted
Procuring Agency can retain this clause with or without changes, in case of contracts under Project, Bank and donor's programme.

3.1 Engineer's Duties and Authority.

The following paragraph is added after duties:

Procuring agency shall ensure that the Engineer"s Representative/Staff is a professional engineer as defined in the Pakistan Engineering Council Act 1975 (V of 1976)

4.3 Contractor's Representative
The following text is to be added after last line:

The contractor"s authorised representative and his other professional engineers working at site shal register themselves with the Pakistan Engineering Council.

6.10 Records of Contractor's Personnel and Equipment
The following paragraph is added:
The Contractor shall, upon request by the Engineer at any time in relation to any item

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of hired Contractor"s Equipment, forthwith notify the Engineer in writing the name and address of the Owner of the equipment and shall certify that the agreement for the hire thereof contains a provision in accordance with the requirements set forth above.

The following sub-clause 7.9 is added in (GCC):

7.9 Use of Pakistani Materials and Services

The contractor shall, so far as may be consistent with the contract, make the maximum use of materials, supplies, plant and equipment indigenous to or produced or fabricated in Pakistan and services, available in Pakistan provided such materials, supplies, plant, equipment and services shall be of required standard.

8.1 Commencement of Works

The last para is deleted and substituted with the following:

The contractor shall commence the works on site within the period named in Appendix-A to Bid from the date of receipt by him from the Engineer of a written Notice to Commence. Thereafter, the contractor shall proceed with the works with due expedition and without delay.

8.11 Prolonged Suspension
Replace 84 days by 120 days.

8.3 Programme
The following text is to be added after [Commencement of Works]
The programme shall be submitted in the either form of:

a) Bar Chart identifying the critical activities.
b) Critical Path Method (CPM) identifying the critical path/activities.
c) Program Evaluation and Review Techniques (PERT).
(Procuring Agency to select appropriate one)

13.1 Right to vary
In the last line of Para, after the word "Variation", the word "in writing" is added.

13.3 Variation procedure
In the tenth line, after the words "as soon as practicable" following is added:
"and within a period not exceeding one-eighth of the completion time"

13.8 Adjustment for changes in cost
This clause will be applicable for Foreign funded Project/ Schemes or Contracts (locally & foreign funded) only. *ICB*

The following provision is added for Local funded Project/ Schemes/National Competitive Bidding Contracts:

The amounts payable to the Contractor, pursuant to Sub-Clause 14.6, shall be adjusted in respect of the rise or fall in the cost of materials only, and will be paid to the contractor on those items mentioned in the **Appendix –C (B)**.

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Similarly reduction in the cost of these materials will also be recovered from the contractor accordingly

14.1 The Contract Price
Sub-para (d) is deleted.

14.2 Advance Payment

The Text is deleted and replaced with following:

Advance Payment/Mobilization Advance shall be made available to the Contractor by the procuring agency on following conditions:

Mobilization Advance/Advance Payment

(i) Mobilization advance up to 10 % of the Contract Price may be paid by the procuring agency to the Contractor on the works costing Rs2.5 million or above on following conditions:

a. on submission by the Contractor of a mobilization advance guarantee for the full amount of the advance in the specified form, from a Scheduled Bank in Pakistan, acceptable to the procuring agency;

b. contractor shall pay interest on the mobilization advance at the rate of 10% per annum on the advance; and

(ii) This Advance including the interest shall be recovered in 5 equal installments from the 5 R.A bills and in case the number of bills is less than 5 then 1/5 of the advance inclusive of the interest thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

14.3 Stage-wise Payments

Notwithstanding the provisions of Clauses 14.1 and 14.2 above, payment for Electrical, Mechanical and Specialized Systems Works including HVAC, Elevators, Generators, PA system, Fire Fighting System, Fire Alarm System, CCTV, HV Automation and associated works shall be made as follows:

a) **50%** of the Contract Price shall be paid upon confirmation of order against submission of invoice.

b) **25%** of the Contract Price shall be paid upon opening of Letter of Credit (L/C), duly verified and certified by the Engineer/In-Charge.

c) The remaining **25%** of the Contract Price shall be released on a stage-wise basis against satisfactory progress, testing, commissioning and completion of the remaining works, as verified and certified by the Engineer/In-Charge.

14.5 Plants and Materials intended for Works

Add the following paragraph as sub-clause 14.5 (d) for Secured Advance on non – perishable materials and sub-clauses (a), (b) and (c) will be applicable for plants only :-

(I) The Contractor shall be entitled to receive from the procuring agency Secured Advance against an INDENTURE BOND in Public Works Account Form No.31 (Fin. R. Form No. 2) acceptable to the procuring agency of such sum as the Engineer may consider proper in respect

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of non-perishable materials brought at the site but not yet incorporated in the Permanent Works provided that:

(i) The materials are in accordance with the specifications for the permanent works;

(ii) Such materials have been delivered to the site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer/Assistant Engineer but at the risk and cost of the Contractor;

(iii) The Contractor"s records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;

(iv) The Contractor shall submit with his monthly statement the estimated value of the materials on site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;

(v) Ownership of such materials shall be deemed to vest in the procuring agency and these materials shall not be removed from the site or otherwise disposed of without written permission of the procuring agency;

(vi) The sum payable for such materials on site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;

(vii) Secured Advance shall not be allowed unless and until the previous advance, if any, is fully recovered;

(viii) Detailed account of advances must be kept in part II of running account bill or a separate statement; and

(ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and in no case for full quantities of materials for the entire work/contract.

(II) Recovery of Secured Advance:

Secured Advance paid on non-perishable materials to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized);

14.8 Delayed Payment

Second Para is replaced with following text:

In the event of the failure of the Procuring Agency to make the payment within the time stated, the procuring agency shall pay to the contractor in case of **ICB contracts only,** the compensation at rate of KIBOR+2% per annum in local currency and Libor+1% for foreign currency, upon all sums to be paid from the date of which the same would have been paid.

15.2 Termination by Employer

The following Para is added at the end of the sub-clause:

Provided further, that in addition to the action taken by the procuring agency against the Contractor under this Clause, the procuring agency may also refer the case

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of default of the Contractor to Pakistan Engineering Council for punitive action under the Construction and Operation of Engineering Works Bye-Laws 1987, as amended from time to time.

15.6 Corrupt and fraudulent Practices.

The following text is to be added as 3rd paragraph:

Successful Contractor has to provide Integrity Pact (for contracts worth Rs.10.0 million and above).

If the Contractor or any of his Subcontractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Bid, then the procuring agency shall be entitled to:

a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder"s fee or kickback given by the Contractor or any of his Subcontractors, agents or servants;

b) terminate the Contract; and

c) recover from the Contractor any loss or damage to the procuring agency as a result of such termination or of any other corrupt business practices of the Contractor or any of his Subcontractors, agents or servants.

The termination under sub-para (b) of this Sub-Clause shall proceed in the manner prescribed under sub-clauses **15.2** & 15.5 and the payment under Sub-Clause 15.4 shall be made after having deducted the amounts due to the procuring agency under Sub-Para (a) and (c) of this Sub-Clause.

16.4 Payment on Termination

Sub-paragraph (c) is deleted.

17.3 Employer's/ Procuring Agency's Risks

Sub-Clause 17.3 (h) is deleted.

The following text is added in Clause 18.1 (GCC):

18.1 General Requirements for Insurance

The contractor shall be obliged to place all insurances relating to the contract (including, but not limited to, the insurances referred to in Clauses 18.1,18.2,18.3,18.4) with Insurance Company having at least AA rating from PACRA/JCR in favour of the Employer//Procuring Agency valid for a period 28 days after beyond the Bid Validity date.
Costs of such insurances shall be borne by the contractor.

19.6 Optional Termination, Payment and release by the Employer

Sub-clauses (c), (d) and (e) are deleted.

20.6 Arbitration

Text will be replaced as under;

Any dispute in respect of which:

(a) the decision, of the Dispute Board has not become final and binding pursuant to sub-

clause 20.2, and

(b) amicable settlement has not been reached within the period stated in sub-clause 20.5, shall be finally settled, under the provisions of the Arbitration Act, 1940 as amended or any statutory modification/Rules of Conciliation And Arbitration PEC Islamabad or re-enactment thereof for the time being in force.

The place of arbitration shall be..... , in Sindh Province.

Procuring Agency can retain this clause without changes, in case of contracts under Project, Bank and donor's programme except the place of arbitration shall be..... , in Sindh Province.

Annex PROCEDURAL RULES

Procuring Agency can retain these rules with or without changes, in case of contracts under Project, Bank and donor's programme.

PART II –SPECIAL/PARTICULAR CONDITIONS OF CONTRACT

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Office of the Engineer Provincial Buildings Division-II Karachi

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BILL OF QUANTITIES

Name of Work: **Establishment of Shaheed Mohtarma Benazir Bhutto Chairs and Convention Center at University of Karachi (HVAC, Elevators, Generators, PA System, Fire Fighting. Fire Alarm system, CCTV, HV Automation and Remaining Civil works).**

Bid Submitted by: M/s _____

Bid Security Pay Order. No._____ **Dated** _____

Amounting To Rs. _____

Bank & branch: _____

Assistant Engineer
Provincial Building Sub-Div-VII
Karachi.

EXECUTIVE ENGINEER
PROVINCIAL BUILDING DIVISION-II
KARACHI

Assistant Engineer
Provincial Buildings Electrical
Sub Division-VIII
Karachi

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

BILL OF QUANTITIES (BOQ)

GRAND SUMMARY OF TENDER

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
(I)	**CIVIL WORKS**	
A	**ADMIN BLOCK**	
a	Schedule Item	
b	Non-Schedule Item	
c	False ceiling - Non-Schedule Item	
d	Face Lifting - Non-Schedule Item	
	Total (I-A)	
B	**CONVENTION CENTRE**	
a	Schedule Item	
b	Non-Schedule Item	
c	Stepping - Non-Schedule Item	
d	False ceiling - Non-Schedule Item	
e	Face Lifting - Non-Schedule Item	
	Total (I-B)	
	G.Total (I)	
II	**EXTERNAL DEVELOPMENT**	
a	Non-Schedule Item	
	Total (II)	
III	**EXTRA ITEM**	
b	Non-Schedule Item	
	Total (III)	
IV	**PLUMBING & SANITARY SERVICES**	
a	Offices & Admin Block	
b	Convention center	
	Total (IV)	
V	**ELECTRIFICATION & ALLIED WORKS**	
a	Electric work - Offices & Admin Block	
b	Electric work - Convention center	

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
c	HV Automation System	
d	Air Conditiong System	
e	HVAC System	
f	Generator	
g	Fire Fighting System	
h	Public Adress System	
i	Closed Circuit TV	
j	Fire Alarm System	
k	Passenger Lift	
	Total (V)	

	TOTAL (I+II+III+IV+V)	
	ADD: SRB 5%	
	GRAND TOTAL	

Amount in Rupees:

CONTRACTOR

Consultant
Naqvi & Siddiquie Associates (Pakistan)

Executive Engineer
Provincial Building Division-II
Karachi.

Assistant Engineer
Provincial Building Sub-Division-VII
Karachi.

Assistant Engineer
Provincial Buildings Elect: Sub Division-VIII
Karachi.

Executive Engineer Provincial Buildings Division-II Karachi * Govt. of Sindh

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

SCHEDULE ITEMS

SUMMARY OF COST

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	FOUNDATION	
2	GROUND FLOOR	
3	FIRST FLOOR	
	TOTAL	

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

SCHEDULE ITEMS

SUMMARY OF COST(FOUNDATION)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	RCC CYLINDER STRENGTH FC 4000 PSI IN FOUNDATION	196,927.75
2	PLINTH BEAMS	125,578.25
3	COLUMNS UPTO PLINTH BEAMS	39,385.55
	TOTAL	**361,891.55**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

ADMIN BLOCK

BOQ (FOUNDATION)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
1.00	**RCC CYLINDER STRENGTH FC 4000 PSI IN FOUNDATION** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (II) Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	Cft	250	787.71	196,927.75
			Sub-Total Rs.		**196,927.75**
2.00	**PLINTH BEAMS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	175	717.59	125,578.25
			Sub-Total Rs.		**125,578.25**
3.00	**COLUMNS UPTO PLINTH BEAMS** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	Cft	50	787.71	39,385.55
			Sub-Total Rs.		**39,385.55**
			TOTAL RS.		**361,891.55**
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

Executive Engineer Provincial Buildings Division-II Karachi Govt. of Sindh

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

SCHEDULE ITEMS

SUMMARY OF COST(GROUND)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLUMNS SUPER STRUCTURE	1,807,009.03
2	BEAMS / PROJECTION / LINTELS	4,513,641.10
3	SLAB & PROJECTIONS	4,832,251.06
4	STAIRS & LANDING	358,795.00
5	STEEL REINFORCEMENT	18,631,075.68
	TOTAL	**30,142,771.87**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

Executive Engineer Provincial Buildings Division-II Karachi
Govt of Sindh

ADMIN BLOCK

BOQ (GROUND)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
1.00	**COLUMNS SUPER STRUCTURE** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	P.Cft	2,294	787.71	1,807,009.03
				Sub-Total Rs.	**1,807,009.03**
2.00	**BEAMS / PROJECTION / LINTELS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	6,290	717.59	4,513,641.10
				Sub-Total Rs.	**4,513,641.10**
3.00	**SLAB & PROJECTIONS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	6,734	717.59	4,832,251.06
				Sub-Total Rs.	**4,832,251.06**
4.00	**STAIRS & LANDING** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge.	Cft	500	717.59	358,795.00

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)				
				Sub-Total Rs.	**358,795.00**
5.00	**STEEL REINFORCEMENT** Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.) Deformed bar Grade-60 **(CSR 2024, Chapter-4, Item No. 8-a (i), Page No. 26)**	P.Cwt	984	18,934.02	18,631,075.68
				Sub-Total Rs.	**18,631,075.68**
				TOTAL RS.	**30,142,771.87**
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

Executive Engineer Provincial Buildings Division-II Karachi ★ Govt. of Sindh

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

SCHEDULE ITEMS

SUMMARY OF COST(FIRST)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLUMNS SUPER STRUCTURE	634,895.07
2	BEAMS / PROJECTION / LINTELS	1,585,873.90
3	SLAB & PROJECTIONS	1,697,817.94
4	STAIRS & LANDING	358,795.00
5	STEEL REINFORCEMENT	6,323,962.68
	TOTAL	**10,601,344.59**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

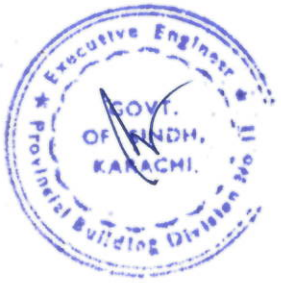
ADMIN BLOCK

BOQ (FIRST)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
1.00	**COLUMNS SUPER STRUCTURE** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	P.Cft	806	787.71	634,895.07
				Sub-Total Rs.	**634,895.07**
2.00	**BEAMS / PROJECTION / LINTELS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	2,210	717.59	1,585,873.90
				Sub-Total Rs.	**1,585,873.90**
3.00	**SLAB & PROJECTIONS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	2,366	717.59	1,697,817.94
				Sub-Total Rs.	**1,697,817.94**
4.00	**STAIRS & LANDING** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				

Executive Engineer Provincial Buildings Division-II Karachi Govt. of Sindh

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	500	717.59	358,795.00
				Sub-Total Rs.	**358,795.00**
5.00	**STEEL REINFORCEMENT** Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.) Deformed bar Grade-60 **(CSR 2024, Chapter-4, Item No. 8-a (i), Page No. 26)**	P.Cwt	334	18,934.02	6,323,962.68
				Sub-Total Rs.	**6,323,962.68**
				GRAND TOTAL RS.	**10,601,344.59**
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				



ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

NON-SCHEDULE ITEMS

SUMMARY OF COST

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	FOUNDATION	
2	GROUND FLOOR	
3	FIRST FLOOR	
	TOTAL	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

NON-SCHEDULE ITEMS

SUMMARY OF COST(FOUNDATION)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	EXCAVATION BACKFILLING AND DEWATERING	
2	TERMITE CONTROL	
3	IMPORTED EARTH FILLING	
4	STONE SOLING	
5	CC 1:4:8 LEAN CONCRETE	
6	CC 1:3:6 CAST IN SITU	
	TOTAL	

Executive Engineer Provincial Building Division No. III GOVT. OF SINDH, KARACHI.

ADMIN BLOCK

BOQ (FOUNDATION)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NON-SCHEDULE ITEMS:				
1.00	**EXCAVATION BACKFILLING AND DEWATERING** Excavation for foundations, trenches and drain in all kinds of soil general, hard stones, Murom, silts stone etc. up to required level up to any depth and back filling the excavated material in foundation trenches plinth or under floor including sorting the excavated stuff breaking clods, watering consolidation by ramming in layers not exceeding 9" inches in depth to full compaction, dressing and after approval disposal of surplus excavated stuff as directed. Complete in all respect as per instruction of the Architect / Engineer-in-Charge. Payment of excavation will be as per drawing.	Cft	450		
				Sub-Total Rs.	
2.00	**TERMITE CONTROL** Providing and applying Termite Control pesticides solution of approved pesticide on plinth area, foundation, under floor, plinth beams using FMC Biflex or equivalent as approved complete as per instructions and satisfaction of the Architect / Engineer-in-Charge (only Ground floor plinth area will be measured for payment) Complete in all respect as per instructions of the Architect / Engineer-in-Charge. Provide warranty certificate issued from the manufacturer issued regarding guarantee.	Sft.	27,513		
				Sub-Total Rs.	
3.00	**EARTH FILLING** Supplying stacking and filling earth of approved quality from outside sources in Foundation, Trenches, Plinth or Under Floor etc. including dressing, watering and consolidation by ramming in layers not exceeding 9" inches in depth to full compaction (upto any height / depth). Complete in all respect as per instructions of the Architect / Engineer-in-Charge. (only compacted area to be measured for payment)	Cft	1,200		
				Sub-Total Rs.	
4.00	**STONE SOLING** Providing and laying soling stone 9" inches to 12" inches size under floors including packing with spawls and chips and consolidating, compaction etc. mechanically and manually means. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Cft	13,756		
				Sub-Total Rs.	
5.00	**CC 1:4:8 LEAN CONCRETE** Providing and laying of CC 1:4:8 under foundations, Plinth Beams & Floors, etc. using crushed or broken stone graded as specified. (having minimum cube crushing strength of 2000 psi).	Cft	13,756		
				Sub-Total Rs	

Executive Engineer Provincial Building Division GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6.00	**CC 1:3:6 CAST IN SITU** Providing and laying in Situ 1:3:6 using S.R. Cement (1 Cement 3 Sand and 6 Part Crushed Graded Boulders ¾" and down gauge) cement concrete in foundation and plinth, ramp, including appropriate steel form work, fixing and its removal, compaction by vibrator etc. foundation upto any depth, shape and plinth upto from ground level. Complete in all respect as per design, drawing and instructions of the Architect / Engineer-in-Charge. (upto	Cft	1,200		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No.III

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

NON-SCHEDULE ITEMS

SUMMARY OF COST(GROUND)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	STRUCTURAL TESTS	
2	BLOCK MASONRY	
3	PLASTER	
4	FLOORING / SKIRTING / DADO	
5	DOORS / WINDOWS / VENTILATORS	
6	PAINT WORKS	
7	MARBLE GRANITE	
8	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
9	MISCELLANEOUS	
	TOTAL	

ADMIN BLOCK

BOQ (GROUND)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NON-SCHEDULE ITEMS:				
1.00	**STRUCTURAL TESTS** Applying of Structural Tests to evaluate the existing structure condition at site Core Tests, Schmidt Hammer Test, UPV etc. at locations specified by Structural Consultant.	Lumsum	1		
				Sub-Total Rs.	
2.00	**BLOCK MASONRY**				
2.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
a	3"th Solid Block	Per Sft	100		
b	4"th Solid Block				
i)	Ground Floor	Per Sft	8,399		
c	6"th Solid Block				
1)	Ground Floor	Per Sft	19,981		
d	8"th Solid Block	Per Sft	530		
e	12"th Solid Block	Per Sft	250		
2.02	**BLOCK WORK FINS** Providing and fixing machine made block work cast to shape in concrete 1:3:6, formwork to perform the work on elevations. Fins work complete in all respect including use of scaffoldings as directed by the Engineer-in-Charge. (all levels)	Per Cft	296		
2.03	**BLOCK MASONRY / CAST IN SITU IN ENTRANCE STEPS / UNDER SUPER STRUCTURE** Providing and laying C.C 1:3:6 Mix machine made solid block masonry / cast in situ in foundation under superstructure and steps laid and jointed with 1:6 S.R cement sand machine mixed mortar using approved quality sand. Masonry to be laid in courses true to line, level or in any shape and size and plumb and properly cured. All work to be completed as per drawings and specifications and as directed by the Engineer in-Charge.	Per Cft	518		
				Sub-Total Rs.	
3.00	**PLASTER**				

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3.01	**CEILING PLASTER** Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
1)	Ground Floor	Per Sft	12,230		
3.02	**INTERNAL PLASTER** P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
1)	Ground Floor	Per Sft	58,320		
3.03	**EXTERNAL PLASTER** P/L ¾ inch thick cement plaster 1:4 in O.P Cement and sand in on RCC Walls in all kind of surface etc. and column, Fins, making grooves and Pattas etc. and drawings smoothly finished using expanded metal mesh on joints and on conduits filling scaffolding including making edges, corners, curves and drip course etc. at any height and any shape. Complete all as directed by the Engineer-in-Charge. (surface area will be measured only for payment and all opening to be deducted)	Per Sft	34,429		
				Sub-Total Rs.	
4.00	**FLOORING/SKIKRTING/DADO:**				
4.01	**GLAZED TILES DADO** Providing and fixing ¼" (6mm approx.) thick of imported good quality and approved make first grade coloured or multicolour glazed ceramic tiles upto 250 sq.inches as approved with borders, in dado and skirting over ½" (13 mm) thick base of white cement mortar 1:4 setting of tiles in slurry of white cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete.				
1)	Ground Floor	Per Sft	5,159		
4.02	**NON-SKID CERAMIC TILES FLOOR** Providing and laying floor of 6mm (approx: ¼") thick coloured, multicoloured semi glazed ceramic tiles first grade, imported and approved size upto 250 sq. inches laid over 2" thick white cement screed 1:3 (1 cement and 3 sand) and white cement slurry including jointing and washing the tiles with white cement and curing etc, complete.				
1)	Ground Floor	Per Sft	1,738		

Executive Engineer Provincial Building Division No.II GOVT OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.03	**PORCELAIN TILES FLOORING** Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
1)	Ground Floor	Per Sft	20,383		
4.04	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
1)	Ground Floor	Per Rft	1,920		
4.05	Same item as above but on wall dado and facing of approved size at upto any height any floor.				
1)	Ground Floor	Per Sft	2,962		
4.06	**FINISH FLOOR** Providing and laying floors of 2" thick 1:2:4 cement concrete using graded screened bajri ¾" and down gauge in ground floor laid in panels including form work, consolidation, making smooth finishing, edges and curing etc. complete in all respect as per instruction of the Architect / Engineer-in-Charge.	Per Sft	148		
4.07	**TILE FACING ON WALL** Providing and laying imported textured ceramic tiles of approved manufacturers on wall. Work complete in all respect to be carried out on front entrance wall and as directed by Engineer-in-Charge. (Ground Floor Entrance)	Per Sft	74		
				Sub-Total Rs.	
5.00	**DOOR/WINDOWS/VENTILATORS:**				
5.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge.				
	Ground floor				
	D2= 3'-0" x 7'-0"	-	210.00		
	D3= 3'-6" x 7'-0"	-	392.00		
	D4= 4'-0" x 8'-0"	-	256.00		
	D5= 6'-0" x 8'-0"	-	96.00		

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5.02	Same as above but with peep hole opening as per drawing in shutter for glass fixing including teak wood beading including the cost of 5mm tinted glass at any floor and any height. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Per Sft	100		
5.03	Item same as above but with decorative pattern design, gorooves etc. on both sides of shutter, with 2"x7" teak wood frame and 2"x 1/2" architrave and ½"x ½" or less beading, as per detail complete (upto any height any floor)	Per Sft	60		
5.04	**WOODEN PANELING** Providing and fixing ¾" thick Teakwood paneling as approved design and drawing fixed on 2" x 2" @ 2'-0" C/C bothways per design wooden rough ground. Wall paneling complete in all respect with approved lacquer polishing.	Per Sft	50		
5.05	Providing and applying lacquer Polish on wooden work, wherever required upto any height. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	PerSft	100		
5.06	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	Per Rft	2,705		
5.07	**G. I. FRAMES FOR DOOR** Providing and fixing G.I. Frames / Choukhats of size 7" x 2" or 4½ x 3" with door using 20 gauge G.I. sheet including welded hinges and fixing shutter with necessary hold fasts, filing with cement sand slurry of ratio 1:6 and repairing the jambs with 2 coats of red oxide and finished with 2 coats of enamel paint. (ICI, Dulux)	Per Rft	50		
5.08	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	59		
5.09	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	59		
5.10	**TEAK WOOD DECORATIVE STRIP** Providing and fixing 4" x 1" Teak Wood Strip screwed to wall and finished with lacquer polishing. complete in all respect as per direction of Engineer-in-Charge. (location as directed)	Per Rft.	370		

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5.11	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	59		
5.12	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	185		
5.13	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	59		
5.14	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	59		
5.15	**ALUMINUM SWING DOOR** Providing and fixing fully glazed Champagne anodized aluminum Swing door with frame as per British standard manufactured by Lucky, ALCOP, Krudson, Pakistan Cable and A.C.P. (fixing through their approved fabricators) premium box model section, 101.6mm x 44.5mm and 2mm thick including the aluminum fittings, locks with all accessories rubber packing cutting hole etc. and making good damages to walls etc. complete as required as per drawing and with fan light but excluding the cost of glass pans. Double opening floor mounted Japan make double action spring hinges, door assembly with fixed glazing. D1= 2'-6" x 7'-0"	Sft	420		
5.16	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any floor.				

Executive Engineer Govt. of Sindh, Karachi. Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
a	Sliding window Ground floor				
	W1= 3'-6" x 6'-0"	Per Sft	252.00		
	W2= 5'-0" x 5'-0"	Per Sft	900.00		
	W3= 5'-0" x 9'-0"	Per Sft	180.00		
	Ventilators:				
	Ground floor				
	V1= 3'-0" x 2'-0"	Per Sft	144		
b	Top hung / sliding ventilators	Per Sft	150		
c	Fixed Glazing	Per Sft	250		
5.17	**TINTED GLASS** Providing and fixing imported tinted Glass of following sizes to Aluminum doors, windows and ventilators etc including the cost of labour & rubber packing.				
a	5mm thick for door & windows / Fixed Glazing	Per Sft	50		
b	8mm thick	Per Sft	100		
c	12mm thick	Per Sft	400		
5.18	**STEEL DOOR** Providing and fixing steel metal door single leaf of angle iron frame size 2" x 2" x ¼"" thick and 1-½" x 1-½" x ¼" thick shutter size with sheet covering 20 gauge on one side including hold fast and internal bracing of angle iron size 1-¼" x 1-¼" x 3/16" with all accessories and locking arrangement complete with 2 coats of red oxide paint finished with 2 coats of enamel paint ICI Dulux, berger or approved equivalent, work complete in all respect as per instructions of the Architect / Engineer-in-Charge.				
	(roof level)	Per Sft	100		

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5.19	**COMPOSITE DOORS (Lavatory Area)** Providing and fixing composite doors comprising of patent features having maximum strength and stability innovative 3 mm injection moulded skins joined to a specially extruded aluminum frame fitted with special hot plate welded skin holders and subsequently filled with rigid polyurethane for strength and acoustic insulation complete with frame (chowkhat) made from extruded wood plastic composite section to fit wall thickness complete as produced by "AVT Composite Doors & Windows" and including the cost of hinges, locks, door stopper, tower bolts etc. as directed by the Engineer in-Charge. (all levels) Door Size: 3'-0" X 7'-0" 2'-0" X 7'-0"	Per Sft	100		
5.20	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	2,705		
5.21	**COLLAPSIBLE STEEL SHUTTER** Providing and fixing collapsible steel shutter or gate with vertical channels, flat iron diagonal top and bottom rails with steel rollers flush with floor of required size, T - Iron bottom track riveting the junctions all as per drawing, Including locking arrangements and handles, cutting and making good damages to walls etc. painting two coats of red oxide and finished with 2 coats of enamel paint of approved manufacturer, fixing bottom track with C.C. 1:2:4 complete as required. (Ground Floor)	Per Sft	100		
				Sub-Total Rs.	
6.00	**PAINT WORKS**				
6.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any floor.				
1)	Ground Floor	Per Sft	20,383		

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
1)	Ground Floor	Per Sft	50,199		
6.03	**WEATHER SHIELD PAINT** P/A Paint three coats with weather shield paint ICI Dulux make of approved shade on external plaster surface and including the cost of cleaning the surface, sand papering etc. complete at any height, any floor.	Per Sft	740		
6.04	**GRAFFIATO WALL COATING** Providing and applying wall finish coat of Graffito wall coating 1/16" thick in any approved colour all work to be completed specification and instruction of the Architect / Engineer-in-Charge.	Per Sft	600		
6.05	**PAINTING WOOD WORK/ DRY WALL** Painting with synthetic enamel paint ICI, Burger or equivalent approved finish and shade two coats over and including the cost of one priming cost complete at any height in any floor.	Per Sft	200		
				Sub-Total Rs.	
7.00	**MARBLE/GRANITE**				
7.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	Ground floor				
	For Treads	Per Sft	581.00		
	For Risers	Per Sft	304.00		
	For Landing	Per Sft	358.00		
7.02	**Marble At entrance**				
	For Treads	Per Sft	743.00		
	For Risers	Per Sft	431.00		
a	⅜" thick skirting up to any height	Per Rft	500		
b	⅜" thick Dado on stair walls.	Per Sft	500		

Executive Engineer Provincial Building Division No. GOVT. OF SINDH. KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7.03	Providing & Fixing of Polish Granite 12"x24" with 3/4" thick for Lift wall. Complete with delivery and fixing at site as per required sizes with matching grouting complete in all respect.	Per Sft	200		
7.04	**MARBLE SLAB ON KITCHEN COUNTER** Providing and fixing 1" thick prepolished hard marble slab of approved colour and quality over kitchen counter including making opening in slab for sink bowl fixing and ronded edges etc. 3" thick precast 1:2:4 slab with 1" thick cement mortar.	Per Sft	36		
				Sub-Total Rs.	
8.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				
8.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels) Hand Railing fixed on staircase and at entrance	Per Rft	127		
8.02	**TOP RAIL** P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	127		
8.03	Providing, fabricating and fixing properly of rectangular S.S. 2" x 6" hollow bar mounted with screws, brackets etc on projections of elevation at any height. Complete in all respect as per drawings, design and instructions of the Architect / Engineer-in-Charge.	Per Rft	113		
				Sub-Total Rs.	
9.00	**MISCELLANEOUS**				
9.01	Painting iron work with **synthetic enamel paint** of (ICI / Berger) or approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	Per Sft	500		
9.02	Providing and fixing M.S. Square bars at required spacing with horizontal flat iron as per approved design including making holes fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required at any height.	Per Kg	925		
9.03	Providing, fabricating and fixing ⅝" x ⅝" M.S. Square bars grill for window with red oxide coating and enamel painting ICI or Burger or equivalent. Complete in all respect as per drawing instructions of the Architect / Engineer-in-Charge. (all floors)	Per Kg	1,665		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9.04	Providing and laying 1½" to 2"th Precast Coping using screened graded bajri ¾" and down gauge 1:2:4 in Precast Coping and Cornice of Planter walls moulded to design as per required size, including the cost of reinforcement, pins. Complete in all respect as per instruction of the Architect / Engineer-in-Charge.	Per Rft	222		
9.05	Providing and making best quality kitchen cabinet consisting ¾" thick of Marble top of approved size, fixing ¾" thick commercial ply solid shutters and provided with ¾ thick Deodar wood drawers also pasting of textured Formica of approved shade on all the faces of kitchen cabinet and internal finish shall be with including all hardware fitting i.e. locks, screws, piano hinges, stopper, catchers and handles etc. including making of raised floor. Complete in all respect as per drawings specification and instruction of the Architect / Engineer-in-Charge.	Per Sft	107		
9.06	Providing and placing C.C JALI 12"x12"x2" thick fixing with cement sand mortar 1:4. and with color pigment. Complete in all respect as per drawings and instructions of the Engineer/Architect	Per Sft	888		
	Cost of Civil Work			**Sub-Total Rs.**	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

NON-SCHEDULE ITEMS

SUMMARY OF COST(FIRST)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	BLOCK MASONRY	
2	PLASTER	
3	FLOORING / SKIRTING / DADO	
4	DOORS / WINDOWS / VENTILATORS	
5	PAINT WORKS	
6	MARBLE GRANITE	
7	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
8	MISCELLANEOUS	
	TOTAL	

ADMIN BLOCK

BOQ (FIRST)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NON-SCHEDULE ITEMS:				
1.00	**BLOCK MASONRY**				
1.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
b	4"th Solid Block				
ii)	First Floor	Per Sft	2,379		
iii)	Roof	Per Sft	2,712		
c	6"th Solid Block				
2)	First Floor	Per Sft	14,804		
3)	Roof	Per Sft	2,052		
1.02	**BLOCK WORK FINS** Providing and fixing machine made block work cast to shape in concrete 1:3:6, formwork to perform the work on elevations. Fins work complete in all respect including use of scaffoldings as directed by the Engineer-in-Charge. (all levels)	Per Cft	104		
				Sub-Total Rs.	
2.00	**PLASTER**				
2.01	**CEILING PLASTER** Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
1)	First Floor	Per Sft	3,745		
2)	Roof	Per Sft	887		
2.02	**INTERNAL PLASTER** P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
1)	First Floor	Per Sft	34,366		
2)	Roof	Per Sft	2,712		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH. KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2.03	**EXTERNAL PLASTER** P/L ¾ inch thick cement plaster 1:4 in O.P Cement and sand in on RCC Walls in all kind of surface etc. and column, Fins, making grooves and Pattas etc. and drawings smoothly finished using expanded metal mesh on joints and on conduits filling scaffolding including making edges, corners, curves and drip course etc. at any height and any shape. Complete all as directed by the Engineer-in-Charge. (surface area will be measured only for payment and all opening to be deducted)	Per Sft	12,097		
				Sub-Total Rs.	
3.00	**FLOORING/SKIKRTING/DADO:**				
3.01	**GLAZED TILES DADO** Providing and fixing ¼" (6mm approx.) thick of imported good quality and approved make first grade coloured or multicolour glazed ceramic tiles upto 250 sq.inches as approved with borders, in dado and skirting over ½" (13 mm) thick base of white cement mortar 1:4 setting of tiles in slurry of white cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete.				
2)	First Floor	Per Sft	1,733		
3.02	**NON-SKID CERAMIC TILES FLOOR** Providing and laying floor of 6mm (approx: ¼") thick coloured, multicoloured semi glazed ceramic tiles first grade, imported and approved size upto 250 sq. inches laid over 2" thick white cement screed 1:3 (1 cement and 3 sand) and white cement slurry including jointing and washing the tiles with white cement and curing etc, complete.				
2)	First Floor	Per Sft	512		
3.03	**PORCELAIN TILES FLOORING** Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
2)	First Floor	Per Sft	6,243		
3)	Roof	Per Sft	887		
3.04	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
2)	First Floor	Per Rft	2,602		
3)	Roof	Per Rft	776		
3.05	Same item as above but on wall dado and facing of approved size at upto any height any floor.				

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2)	First Floor	Per Sft	2,733		
3.06	**FINISH FLOOR** Providing and laying floors of 2" thick 1:2:4 cement concrete using graded screened bajri ¾" and down gauge in ground floor laid in panels including form work, consolidation, making smooth finishing, edges and curing etc. complete in all respect as per instruction of the Architect / Engineer-in-Charge.	Per Sft	52		
3.07	**TILE FACING ON WALL** Providing and laying imported textured ceramic tiles of approved manufacturers on wall. Work complete in all respect to be carried out on front entrance wall and as directed by Engineer-in-Charge. (Ground Floor Entrance)	Per Sft	26		
3.08	**ROOF SCREEDING** Providing and laying 1:6 cement screed using screened graded bajri 3/8" down gauge in terracing 4" average thickness to required slope consolidation finishing etc. laid over concrete surface to be coated with approved water proofing product curing Up to minimum 7 days. Painting Top surface with plastic bitumen No. 4 @ of 15lbs per hundred square feet blinded with sand @ of 2 eft per hundred square feet. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Per Sft	22,400		
				Sub-Total Rs.	
4.00	**DOOR/WINDOWS/VENTILATORS:**				
4.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge. First floor D2= 3'-0" x 7'-0" D3= 3'-6" x 7'-0"		84.00 343.00		

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.02	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-	Per Rft	951		
4.03	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	21		
4.04	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	21		
4.05	**TEAK WOOD DECORATIVE STRIP** Providing and fixing 4" x 1" Teak Wood Strip screwed to wall and finished with lacquer polishing. complete in all respect as per direction of Engineer- in-Charge. (location	Per Rft.	130		
4.06	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	21		
4.07	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	65		
4.08	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	21		
4.09	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	21		
4.10	**ALUMINUM SWING DOOR** Providing and fixing fully glazed Champagne anodized aluminum Swing door with frame as per British standard manufactured by Lucky, ALCOP, Krudson, Pakistan Cable and A.C.P. (fixing through their approved fabricators) premium box model section, 101.6mm x 44.5mm and 2mm thick including the aluminum fittings, locks with all accessories rubber packing cutting hole etc. and making good damages to walls etc. complete as required as per drawing and with fan light but excluding the cost of glass pans. Double opening floor mounted Japan make double action spring hinges, door assembly with fixed glazing.				

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.11	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any				
a	Sliding window				
	First floor				
	W1= 3'-6" x 6'-0"	Per Sft	252.00		
	W2= 5'-0" x 5'-0"	Per Sft	250.00		
	W3= 5'-0" x 9'-0"	Per Sft	180.00		
	Roof				
	W3= 5'-0" x 9'-0"	Per Sft	90.00		
	Ventilators:				
	First floor				
	V1= 3'-0" x 2'-0"	Per Sft	48		
4.12	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	951		
				Sub-Total Rs.	
5.00	**PAINT WORKS**				
5.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any				
1)	First Floor	Per Sft	6,243		
2)	Roof	Per Sft	887		
5.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
1)	First Floor	Per Sft	29,900		
2)	Roof	Per Sft	1,309		
5.03	**WEATHER SHIELD PAINT** P/A Paint three coats with weather shield paint ICI Dulux make of approved shade on external plaster surface and including the cost of cleaning the surface, sand papering etc. complete at any height, any floor.	Per Sft	260		
				Sub-Total Rs.	
6.00	**MARBLE/GRANITE**				

Executive Engineer Provincial Building Division No.II GOVT OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	First floor				
	For Treads	Per Sft	291.00		
	For Risers	Per Sft	152.00		
	For Landing	Per Sft	165.00		
6.02	Providing & Fixing of Polish Granite 12"x24" with 3/4" thick for Lift wall. Complete with delivery and fixing at site as per required sizes with matching grouting complete in all respect.	Per Sft	200		
6.03	**MARBLE SLAB ON KITCHEN COUNTER**				
	Providing and fixing 1" thick prepolished hard marble slab of approved colour and quality over kitchen counter including making opening in slab for sink bowl fixing and ronded edges etc. 3" thick precast 1:2:4 slab with 1" thick cement mortar.	Per Sft	19		
				Sub-Total Rs.	
7.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				
7.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)				
	Hand Railing fixed on staircase and at entrance	Per Rft	127		
7.02	**TOP RAIL**				
	P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	127		
				Sub-Total Rs.	
8.00	**MISCELLANEOUS**				
8.01	Painting iron work with **synthetic enamel paint** of (ICI / Berger) or approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	Per Sft	260		
8.02	Providing and fixing M.S. Square bars at required spacing with horizontal flat iron as per approved design including making holes fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required at any height.	Per Kg	325		

Executive Engineer GOVT. OF SINDH. KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8.03	Providing, fabricating and fixing ⅝" x ⅝" M.S. Square bars grill for window with red oxide coating and enamel painting ICI or Burger or equivalent. Complete in all respect as per drawing instructions of the Architect / Engineer-in-Charge. (all floors)	Per Kg	585		
8.04	Providing and laying 1½" to 2"th Precast Coping using screened graded bajri ¾" and down gauge 1:2:4 in Precast Coping and Cornice of Planter walls moulded to design as per required size, including the cost of reinforcement, pins. Complete in all respect as per instruction of the Architect / Engineer-in-Charge.	Per Rft	78		
8.05	Providing and making best quality kitchen cabinet consisting ¾" thick of Marble top of approved size, fixing ¾" thick commercial ply solid shutters and provided with ¾ thick Deodar wood drawers also pasting of textured Formica of approved shade on all the faces of kitchen cabinet and internal finish shall be with including all hardware fitting i.e. locks, screws, piano hinges, stopper, catchers and handles etc. including making of raised floor. Complete in all respect as per drawings specification and instruction of the Architect / Engineer-in-Charge.	Per Sft	37		
8.06	Providing and placing C.C JALI 12"x12"x2" thick fixing with cement sand mortar 1:4. and with color pigment. Complete in all respect as per drawings and instructions of the Engineer/Architect	Per Sft	312		
	Cost of Civil Work			**Sub-Total Rs.**	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

NON-SCHEDULE ITEMS

SUMMARY OF COST(FALSE CEILING)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	FALSE CEILING	
	TOTAL	

Executive Engineer
GOVT. OF SINDH. KARACHI.
Provincial Building Division No. II

ADMIN BLOCK

BOQ (FALSE CEILING)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NON-SCHEDULE ITEMS:				
22.00	**FALSE CEILING**				
22.01	Providing and fixing 1/2 inch thick gypsum board in 2'-0" x 2'-0" panels decorative vis false ceiling supported on imported aluminum runners and hangers with opening for light fixtures, with 3 coats of enamel paint of approved manufacturer work complete in all respect, as directed by the Engineer-in-Charge.	Per Sft	27,513		
				GRAND TOTAL RS.	

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

ADMIN BLOCK

NON SCHEDULE ITEMS

SUMMARY OF COST(FACE LIFTING)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLORCRETE WORKS	
2	STONE CLADDING	
	TOTAL	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

BOQ (FACE LIFTING)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NON-SCHEDULE ITEMS:				
24.00	**COLORCRETE WORKS**				
24.01	Providing & applying colour crete plaster 1/2" thick using fine sand with white cement ratio 1:4 including approved colour pigment over 3/4" thick C.C. plaster finished with groove 1/8" thick. Complete in all respect and as per drawing, specifications and instruction of the Engineer/ Architects.	Per Sft	31,020		
				Sub-Total Rs.	
26.00	**STONE CLADDING:**				
26.01	Providing and laying 2 inch thick stone facing / cladding on walls all as per drawing approved and as directed by the Engineer Incharge.	Per Sft	15,103		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SCHEDULE ITEMS

SUMMARY OF COST

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	FOUNDATION	
2	GROUND FLOOR	
3	INTERMEDIATE FLOOR	
4	FIRST FLOOR	
5	SECOND FLOOR	
6	THIRD FLOOR	
	TOTAL	

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SCHEDULE ITEMS

SUMMARY OF COST(FOUNDATION)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	RCC CYLINDER STRENGTH FC 4000 PSI IN FOUNDATION	630,168.80
2	PLINTH BEAMS	968,746.50
3	COLUMNS UPTO PLINTH BEAMS	551,397.70
	TOTAL	**2,150,313.00**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

CONVENTION CENTRE
BOQ (FOUNDATION)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
6.00	**RCC CYLINDER STRENGTH FC 4000 PSI IN FOUNDATION** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (II) Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	Cft	800	787.71	630,169
				Sub-Total Rs.	**630,169**
7.00	**PLINTH BEAMS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	1,350	717.59	968,747
				Sub-Total Rs.	**968,747**
8.00	**COLUMNS UPTO PLINTH BEAMS** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	Cft	700	787.71	551,398
				Sub-Total Rs.	**551,398**
				GRAND TOTAL RS.	**2,150,313**
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

Executive Engineer
GOVT. OF SINDH, KARACHI.
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ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SCHEDULE ITEMS

SUMMARY OF COST(GROUND)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLUMNS SUPER STRUCTURE	3,804,644.13
2	BEAMS / PROJECTION / LINTELS	3,961,096.80
3	RCC WALL	3,261,123.54
4	SLAB & PROJECTIONS	4,466,301.69
5	STAIRS & LANDING	577,659.95
6	STEEL REINFORCEMENT	15,279,754.14
	TOTAL	**31,350,580.25**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

Executive Engineer Provincial Building Division No. III GOVT. OF SINDH, KARACHI.

CONVENTION CENTRE

BOQ (GROUND)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
9.00	**COLUMNS SUPER STRUCTURE** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	P.Cft	4,830	787.71	3,804,644
				Sub-Total Rs.	**3,804,644**
10.00	**BEAMS / PROJECTION / LINTELS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	5,520	717.59	3,961,097
				Sub-Total Rs.	**3,961,097**
11.00	**RCC WALL** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	Cft	4,140	787.71	3,261,124
				Sub-Total Rs.	**3,261,124**
12.00	**SLAB & PROJECTIONS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge.	Cft	6,224	717.59	4,466,302

Executive Engineer GOVT OF SINDH, KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)				
				Sub-Total Rs.	**4,466,302**
13.00	**STAIRS & LANDING**				
	Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
	Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge.	Cft	805	717.59	577,660
	(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)				
				Sub-Total Rs.	**577,660**
14.00	**STEEL REINFORCEMENT**				
	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.)				
	Deformed bar Grade-60	P.Cwt	807	18,934.02	15,279,754
	(CSR 2024, Chapter-4, Item No. 8-a (i), Page No. 26)				
				Sub-Total Rs.	**15,279,754**
				GRAND TOTAL RS.	**31,350,580**
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SCHEDULE ITEMS

SUMMARY OF COST(INTERMEDIATE)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLUMNS SUPER STRUCTURE	3,142,966.89
2	BEAMS / PROJECTION / LINTELS	3,272,210.40
3	RCC WALL	2,693,971.62
4	SLAB & PROJECTIONS	3,689,553.57
5	STAIRS & LANDING	477,197.35
6	STEEL REINFORCEMENT	12,666,859.38
	TOTAL	**25,942,759.21**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

CONVENTION CENTRE

BOQ (INTERMEDIATE)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
9.00	**COLUMNS SUPER STRUCTURE** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	P.Cft	3,990	787.71	3,142,967
				Sub-Total Rs.	**3,142,967**
10.00	**BEAMS / PROJECTION / LINTELS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	4,560	717.59	3,272,210
				Sub-Total Rs.	**3,272,210**
11.00	**RCC WALL** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	Cft	3,420	787.71	2,693,972
				Sub-Total Rs.	**2,693,972**
12.00	**SLAB & PROJECTIONS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	5,142	717.59	3,689,554

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GOVT. OF SINDH, KARACHI.
Provincial Building Division

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
				Sub-Total Rs.	3,689,554
13.00	**STAIRS & LANDING** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	665	717.59	477,197
				Sub-Total Rs.	477,197
14.00	**STEEL REINFORCEMENT** Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.) Deformed bar Grade-60 **(CSR 2024, Chapter-4, Item No. 8-a (i), Page No. 26)**	P.Cwt	669	18,934.02	12,666,859
				Sub-Total Rs.	12,666,859
				GRAND TOTAL RS.	25,942,759
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SCHEDULE ITEMS

SUMMARY OF COST(FIRST)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLUMNS SUPER STRUCTURE	2,150,451.03
2	BEAMS / PROJECTION / LINTELS	2,238,880.80
3	RCC WALL	1,843,243.74
4	SLAB & PROJECTIONS	2,524,431.39
5	STAIRS & LANDING	326,503.45
6	STEEL REINFORCEMENT	8,558,177.04
	TOTAL	**17,641,687.45**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

CONVENTION CENTRE

BOQ (FIRST)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
9.00	**COLUMNS SUPER STRUCTURE** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	P.Cft	2,730	787.71	2,150,451
				Sub-Total Rs.	**2,150,451**
10.00	**BEAMS / PROJECTION / LINTELS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	3,120	717.59	2,238,881
				Sub-Total Rs.	**2,238,881**
11.00	**RCC WALL** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (ii), Page No. 25)**	Cft	2,340	787.71	1,843,244
				Sub-Total Rs.	**1,843,244**
12.00	**SLAB & PROJECTIONS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. **(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)**	Cft	3,518	717.59	2,524,431

Executive Engineer
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S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
				Sub-Total Rs.	2,524,431
13.00	**STAIRS & LANDING**				
	Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
	Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge.	Cft	455	717.59	326,503
	(CSR 2024, Chapter-4, Item No. 6-a (i), Page No. 25)				
				Sub-Total Rs.	326,503
14.00	**STEEL REINFORCEMENT**				
	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.)				
	Deformed bar Grade-60	P.Cwt	452	18,934.02	8,558,177
	(CSR 2024, Chapter-4, Item No. 8-a (i), Page No. 26)				
				Sub-Total Rs.	8,558,177
				GRAND TOTAL RS.	17,641,687
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SCHEDULE ITEMS

SUMMARY OF COST(SECOND)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLUMNS SUPER STRUCTURE	2,990,303.40
2	BEAMS / PROJECTION / LINTELS	3,131,400.00
3	RCC WALL	2,563,117.20
4	SLAB & PROJECTIONS	3,530,783.98
5	STAIRS & LANDING	456,662.50
6	STEEL REINFORCEMENT	12,421,036.64
	TOTAL	**25,093,303.72**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

BOQ (SECOND)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
9.00	**COLUMNS SUPER STRUCTURE** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	3,570	837.62	2,990,303
				Sub-Total Rs.	**2,990,303**
10.00	**BEAMS / PROJECTION / LINTELS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	4,080	767.50	3,131,400
				Sub-Total Rs.	**3,131,400**
11.00	**RCC WALL** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	3,060	837.62	2,563,117
				Sub-Total Rs.	**2,563,117**
12.00	**SLAB & PROJECTIONS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of				

Executive Engineer GOVT. OF SINDH KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	4,600	767.50	3,530,784
				Sub-Total Rs.	**3,530,784**
13.00	**STAIRS & LANDING** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	595	767.50	456,663
				Sub-Total Rs.	**456,663**
14.00	**STEEL REINFORCEMENT** Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.) Deformed bar Grade-60 Extra labour for lifting of steel above first floor for every additional floor. **(CSR 2024, Chapter-4, Item No.29, Page No. 28)**	P.Cwt	629.673	19,726.17	12,421,037
				Sub-Total Rs.	**12,421,037**
				GRAND TOTAL RS.	**25,093,304**
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SCHEDULE ITEMS

SUMMARY OF COST(THIRD)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	COLUMNS SUPER STRUCTURE	4,749,305.40
2	BEAMS / PROJECTION / LINTELS	4,973,400.00
3	RCC WALL	4,070,833.20
4	SLAB & PROJECTIONS	5,607,715.73
5	STAIRS & LANDING	725,287.50
6	STEEL REINFORCEMENT	19,016,027.88
	TOTAL	**39,142,569.71**
	Add: Above/Below _____% on S.I	
	G. TOTAL	

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

BOQ (THIRD)
SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	SCHEDULE ITEMS:				
9.00	**COLUMNS SUPER STRUCTURE** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	5,670	837.62	4,749,305
				Sub-Total Rs.	**4,749,305**
10.00	**BEAMS / PROJECTION / LINTELS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	6,480	767.50	4,973,400
				Sub-Total Rs.	**4,973,400**
11.00	**RCC WALL** Reinforced cement concrete work including 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 includes all kinds of forms moulds: lifting shuttering and curing (including screening and washing of shingle.) R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 1-1/2 : 3 90 Lbs of cement, 1-1/2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	4,860	837.62	4,070,833
				Sub-Total Rs.	**4,070,833**
12.00	**SLAB & PROJECTIONS** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	7,306	767.50	5,607,716
				Sub-Total Rs.	**5,607,716**
13.00	**STAIRS & LANDING** Reinforced cement concrete work including 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 includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1 : 2: 4 90 Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. Add extra labour for RCC 2nd and subsequent story. **(CSR 2024, Chapter-4, Item No. 6-d, Page No. 25)**	P.Cft	945	767.50	725,288
				Sub-Total Rs.	**725,288**
14.00	**STEEL REINFORCEMENT** Fabrication of deformed steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removeal of rust from bars.) Deformed bar Grade-60 Extra labour for lifting of steel above first floor for every additional floor. **(CSR 2024, Chapter-4, Item No.29, Page No. 28)**	P.Cwt	964	19,726.17	19,016,028
				Sub-Total Rs.	**19,016,028**
				GRAND TOTAL RS.	**39,142,570**
	Add: Above/Below _____% on S.I				
	GRAND TOTAL RS.				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

NON-SCHEDULE ITEMS

SUMMARY OF COST

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	FOUNDATION	
2	BASEMENT	
3	GROUND FLOOR	
4	INTERMEDIATE FLOOR	
5	FIRST FLOOR	
6	SECOND FLOOR	
7	THIRD FLOOR	
	TOTAL	

Executive Engineer
GOVT. OF SINDH. KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

NON-SCHEDULE ITEMS

SUMMARY OF COST(FOUNDATION)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	EXCAVATION BACKFILLING AND DEWATERING	
2	TERMITE CONTROL	
3	IMPORTED EARTH FILLING	
4	STONE SOLING	
5	CC 1:4:8 LEAN CONCRETE	
6	CC 1:3:6 CAST IN SITU	
7	HYGRIP MEMBRANE	
8	MASTERSEAL 910	
9	HOT BITUMEN	
	TOTAL	

Executive Engineer GOVT. OF SINDH. KARACHI. Provincial Building Division No.II

CONVENTION CENTRE

BOQ(FOUNDATION)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	NON-SCHEDULE ITEMS:				
1.00	**EXCAVATION BACKFILLING AND DEWATERING**				
1.01	Excavation for foundations, trenches and drain in all kinds of soil general, hard stones, Murom, silts stone etc. up to required level up to any depth and back filling the excavated material in foundation trenches plinth or under floor including sorting the excavated stuff breaking clods, watering consolidation by ramming in layers not exceeding 9" inches in depth to full compaction, dressing and after approval disposal of surplus excavated stuff as directed. Complete in all respect as per instruction of the Architect / Engineer-in-Charge. Payment of excavation will be as per drawing.	Cft	2,500		
1.02	Excavation and cutting in hard rock stone by hammering and chiseling or mechanical process cutting including sorting and stacking the excavated stuff complete within a lift as directed by the Engineer-in-Charge. (upto any depth) only excavated area to be measured for payment as per drawing.	Cft	625		
				Sub-Total Rs.	
2.00	**TERMITE CONTROL**				
2.01	Providing and applying Termite Control pesticides solution of approved pesticide on plinth area, foundation, under floor, plinth beams using FMC Biflex or equivalent as approved complete as per instructions and satisfaction of the Architect / Engineer-in-Charge (only Ground floor plinth area will be measured for payment) Complete in all respect as per instructions of the Architect / Engineer-in-Charge. Provide warranty certificate issued from the manufacturer issued regarding guarantee.	Sft.	11,332		
				Sub-Total Rs.	
3.00	**EARTH FILLING**				

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
3.01	Supplying stacking and filling earth of approved quality from outside sources in Foundation, Trenches, Plinth or Under Floor etc. including dressing, watering and consolidation by ramming in layers not exceeding 9" inches in depth to full compaction (upto any height / depth). Complete in all respect as per instructions of the Architect / Engineer-in-Charge. (only compacted area to be measured for payment)	Cft	3,000		
				Sub-Total Rs.	
4.00	**STONE SOLING**				
4.01	Providing and laying soling stone 9" inches to 12" inches size under floors including packing with spawls and chips and consolidating, compaction etc. mechanically and manually means. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Cft	11,332		
				Sub-Total Rs.	
5.00	**CC 1:4:8 LEAN CONCRETE**				
5.01	Providing and laying of CC 1:4:8 under foundations, Plinth Beams & Floors, etc. using crushed or broken stone graded as specified. (having minimum cube crushing strength of 2000 psi).	Cft	11,332		
				Sub-Total Rs.	
6.00	**CC 1:3:6 CAST IN SITU**				
6.01	Providing and laying in Situ 1:3:6 using S.R. Cement (1 Cement 3 Sand and 6 Part Crushed Graded Boulders ¾ " and down gauge) cement concrete in foundation and plinth, ramp, including appropriate steel form work, fixing and its removal, compaction by vibrator etc. foundation upto any depth, shape and plinth upto from ground level. Complete in all respect as per design, drawing and instructions of the Architect / Engineer-in-Charge. (upto any depth / height).	Cft	1,500		
				Sub-Total Rs.	
7.00	**HYGRIP MEMBRANE**				
7.01	Providing & laying / fixing ELASTOMAT P-2000, 2mm thick HYRIP self-adhesive bituminous membrane, polyester reinforced for water proofing along with application and surface preparation as per specification of manufacturer. Complete in all respect upto entire satisfaction of the engineer –in-Charge.	Sft	2,500		

Executive Engineer GOVT. OF SINDH KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
				Sub-Total Rs.	
8.00	**MASTERSEAL 910**				
8.01	Providing flexible hydraulic natural rubber polymer swell bars as per specicfication of manufacturer. Complete in all respect upto entire satisfaction of the Engineer-in-Charge.	Rft	400		
				Sub-Total Rs.	
9.00	**HOT BITUMEN**				
9.01	Providing & applying hot Bitumen Grade 80/100 @ 60lb/100 Sft	Sft	2,500		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI

CONVENTION CENTRE

NON-SCHEDULE ITEMS

SUMMARY OF COST

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	STRUCTURAL TESTS	
2	BLOCK MASONRY	
3	PLASTER	
4	FLOORING / SKIRTING / DADO	
5	DOORS / WINDOWS / VENTILATORS	
6	PAINT WORKS	
7	MARBLE / GRANITE	
8	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
	TOTAL	

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI

CONVENTION CENTRE

BOQ (BASEMENT)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

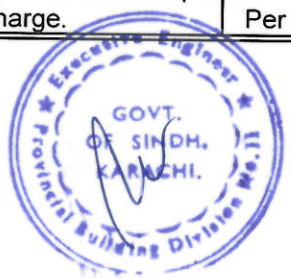
S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	NON-SCHEDULE ITEMS:				
1.00	**STRUCTURAL TESTS**				
1.01	Applying of Structural Tests to evaluate the existing structure condition at site Core Tests, Schmidt Hammer Test, UPV etc. at locations specified by Structural Consultant.	Lumsum	1		
				Sub-Total Rs.	
2.00	**BLOCK MASONRY**				
2.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
b	4"th Solid Block				
i)	Basement	Per Sft	1,740		
c	6"th Solid Block				
i)	Basement	Per Sft	3,758		
d	8"th Solid Block				
i)	Basement	Per Sft	2,928		
				Sub-Total Rs.	
3.00	**PLASTER**				
3.01	**CEILING PLASTER**				
	Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
i)	Basement	Per Sft	28,468		
3.02	**INTERNAL PLASTER**				
	P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
i)	Basement	Per Sft	55,327		
				Sub-Total Rs.	

Executive Engineer Provincial Building Division GOVT. OF SINDH, KARACHI.

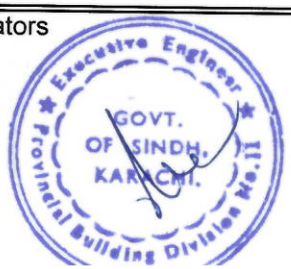
S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4	**FLOORING / SKIRTING / DADO**				
4.01	**GLAZED TILES DADO** Providing and fixing ¼" (6mm approx.) thick of imported good quality and approved make first grade coloured or multicolour glazed ceramic tiles upto 250 sq.inches as approved with borders, in dado and skirting over ½" (13 mm) thick base of white cement mortar 1:4 setting of tiles in slurry of white cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete.				
i)	Basement	Per Sft	2,002		
4.02	**NON-SKID CERAMIC TILES FLOOR** Providing and laying floor of 6mm (approx: ¼") thick coloured, multicoloured semi glazed ceramic tiles first grade, imported and approved size upto 250 sq. inches laid over 2" thick white cement screed 1:3 (1 cement and 3 sand) and white cement slurry including jointing and washing the tiles with white cement and curing etc, complete.				
i)	Basement	Per Sft	418		
4.03	**PORCELAIN TILES FLOORING** Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
i)	Basement	Per Sft	18,626		
4.04	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
i)	Basement	Per Rft	3,351		
4.05	Same item as above but on wall dado and facing of approved size at upto any height any floor.				
i)	Basement	Per Sft	1,954		
				Sub-Total Rs.	
5.00	**DOOR/WINDOWS/VENTILATORS:**				

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge.				
	D1		294		
	D2		239		
	D3		338.10		
	D4		38.40		
	D5		84.00		
	D6		100.80		
5.02	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	Per Rft	2,746		
5.03	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	59		
5.04	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	59		
5.05	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	59		
5.06	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	210		



S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.07	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	59		
5.08	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	59		
5.09	**ALUMINUM SWING DOOR** Providing and fixing fully glazed Champagne anodized aluminum Swing door with frame as per British standard manufactured by Lucky, ALCOP, Krudson, Pakistan Cable and A.C.P. (fixing through their approved fabricators) premium box model section, 101.6mm x 44.5mm and 2mm thick including the aluminum fittings, locks with all accessories rubber packing cutting hole etc. and making good damages to walls etc. complete as required as per drawing and with fan light but excluding the cost of glass pans. Double opening floor mounted Japan make double action spring hinges, door assembly with fixed glazing. D7	Sft	101		
5.10	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any floor.				
a	Sliding window				
	W1	Per Sft	44		
	W2	Per Sft	22.20		
	W3	Per Sft	18.00		
	W4	Per Sft	12.00		
	W5	Per Sft	21.60		
	Ventilators:				
	V1	Per Sft	122		
	V2	Per Sft	14		
	V3	Per Sft	24		
	V4	Per Sft	54		
b	Top hung / sliding ventilators	Per Sft	60		
c	Fixed Glazing	Per Sft	90		



S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.11	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	2,746		
				Sub-Total Rs.	
6.00	**PAINT WORKS**				
6.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any floor.				
i)	Basement	Per Sft	28,468		
6.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
i)	Basement	Per Sft	50,900		
				Sub-Total Rs.	
7.00	**MARBLE/GRANITE**				
7.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	For Treads	Per Sft	702.00		
	For Risers	Per Sft	369.60		
	For Landing	Per Sft	388.80		
	Imported Marble	Per Sft	990.00		
7.02	Providing & Fixing of Polish Granite 12"x24" with 3/4" thick for Lift wall. Complete with delivery and fixing at site as per required sizes with matching grouting complete in all respect.	Per Sft	462		
				Sub-Total Rs.	
8.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				
8.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)				
	Hand Railing fixed on staircase and at entrance	Per Rft	286		

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
8.02	**TOP RAIL** P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	286		
8.03	Providing, fabricating and fixing properly of rectangular S.S. 2" x 6" hollow bar mounted with screws, brackets etc on projections of elevation at any height. Complete in all respect as per drawings, design and instructions of the Architect / Engineer-in-Charge.	Per Rft	600		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

NON-SCHEDULE ITEMS

SUMMARY OF COST(GROUND)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	BLOCK MASONRY	
2	PLASTER	
3	FLOORING / SKIRTING / DADO	
4	DOORS / WINDOWS / VENTILATORS	
5	PAINT WORKS	
6	MARBLE / GRANITE	
7	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
8	MISCELLANEOUS	
	TOTAL	

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

CONVENTION CENTRE

BOQ (GROUND)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	NON-SCHEDULE ITEMS:				
1.00	**BLOCK MASONRY**				
1.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
a	3"th Solid Block	Per Sft	100		
b	4"th Solid Block				
ii)	Ground Floor	Per Sft	6,168		
c	6"th Solid Block				
ii)	Ground Floor	Per Sft	14,382		
d	8"th Solid Block				
ii)	Ground Floor	Per Sft	8,255		
e	12"th Solid Block				
i)	Ground Floor	Per Sft	2,649		
1.02	**BLOCK MASONRY / CAST IN SITU IN ENTRANCE STEPS / UNDER SUPER STRUCTURE** Providing and laying C.C 1:3:6 Mix machine made solid block masonry / cast in situ in foundation under superstructure and steps laid and jointed with 1:6 S.R cement sand machine mixed mortar using approved quality sand. Masonry to be laid in courses true to line, level or in any shape and size and plumb and properly cured. All work to be completed as per drawings and specifications and as directed by the Engineer in-Charge.	Per Cft	900		
				Sub-Total Rs.	
2.00	**PLASTER**				
2.01	**CEILING PLASTER** Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
ii)	Ground Floor	Per Sft	12,419		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

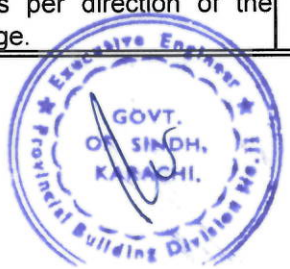
S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
2.02	**INTERNAL PLASTER** P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
ii)	Ground Floor	Per Sft	77,090		
2.03	**EXTERNAL PLASTER** P/L ¾ inch thick cement plaster 1:4 in O.P Cement and sand in on RCC Walls in all kind of surface etc. and column, Fins, making grooves and Pattas etc. and drawings smoothly finished using expanded metal mesh on joints and on conduits filling scaffolding including making edges, corners, curves and drip course etc. at any height and any shape. Complete all as directed by the Engineer-in-Charge. (surface area will be measured only for payment and all opening to be deducted)	Per Sft	17,965		
				Sub-Total Rs.	
3.00	**FLOORING / SKIRTING / DADO**				
3.01	**GLAZED TILES DADO** Providing and fixing ¼" (6mm approx.) thick of imported good quality and approved make first grade coloured or multicolour glazed ceramic tiles upto 250 sq.inches as approved with borders, in dado and skirting over ½" (13 mm) thick base of white cement mortar 1:4 setting of tiles in slurry of white cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete.				
ii)	Ground Floor	Per Sft	7,854		
3.02	**NON-SKID CERAMIC TILES FLOOR** Providing and laying floor of 6mm (approx: ¼") thick coloured, multicoloured semi glazed ceramic tiles first grade, imported and approved size upto 250 sq. inches laid over 2" thick white cement screed 1:3 (1 cement and 3 sand) and white cement slurry including jointing and washing the tiles with white cement and curing etc, complete.				
ii)	Ground Floor	Per Sft	2,365		

Executive Engineer GOVT. OF SINDH. KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
3.03	**PORCELAIN TILES FLOORING** Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
ii)	Ground Floor	Per Sft	13,211		
3.04	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
ii)	Ground Floor	Per Rft	4,581		
3.05	Same item as above but on wall dado and facing of approved size at upto any height any floor.				
ii)	Ground Floor	Per Sft	1,611		
3.06	Providing & laying Terrazzo flooring of 1/2" thick topping 1:2 (one white cement two approved marble chips No.0 to 4) with a base of 1:2:4 2" thick laid in approved panels or pattern including form work curing, cutting, rubbing & polishing etc. Complete in all respect and as per drawings and instructions of the Engineer/Architect.	Per Sft	20,473.00		
3.07	**FINISH FLOOR** Providing and laying floors of 2" thick 1:2:4 cement concrete using graded screened bajri ¾" and down gauge in ground floor laid in panels including form work, consolidation, making smooth finishing, edges and curing etc. complete in all respect as per instruction of the Architect / Engineer-in-Charge.	Per Sft	500		
3.08	**TILE FACING ON WALL** Providing and laying imported textured ceramic tiles of approved manufacturers on wall. Work complete in all respect to be carried out on front entrance wall and as directed by Engineer-in-Charge. (Ground Floor Entrance)	Per Sft	100		
				Sub-Total Rs.	

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH. KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.00	**DOOR/WINDOWS/VENTILATORS:**				
4.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge.				
	D1		167		
	D2		136		
	D3		191.59		
	D4		21.76		
	D5		47.60		
	D6		57.12		
4.02	Same as above but with peep hole opening as per drawing in shutter for glass fixing including teak wood beading including the cost of 5mm tinted glass at any floor and any height. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Per Sft	100		
4.03	Item same as above but with decorative pattern design, gorooves etc. on both sides of shutter, with 2"x7" teak wood frame and 2"x 1/2" architrave and ½"x ½" or less beading, as per detail complete (upto any height any floor)	Per Sft	60		
4.04	**WOODEN PANELING** Providing and fixing ¾" thick Teakwood paneling as approved design and drawing fixed on 2" x 2" @ 2'-0" C/C bothways per design wooden rough ground. Wall paneling complete in all respect with approved lacquer polishing.	Per Sft	50		
4.05	Providing and applying lacquer Polish on wooden work, wherever required upto any height. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	PerSft	100		
4.06	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	Per Rft	1,556		



S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.07	**G. I. FRAMES FOR DOOR** Providing and fixing G.I. Frames / Choukhats of size 7" x 2" or 4½ x 3" with door using 20 gauge G.I. sheet including welded hinges and fixing shutter with necessary hold fasts, filing with cement sand slurry of ratio 1:6 and repairing the jambs with 2 coats of red oxide and finished with 2 coats of enamel paint. (ICI, Dulux)	Per Rft	50		
4.08	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	33		
4.09	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	33		
4.10	**TEAK WOOD DECORATIVE STRIP** Providing and fixing 4" x 1" Teak Wood Strip screwed to wall and finished with lacquer polishing. complete in all respect as per direction of Engineer-in-Charge. (location as directed)	Per Rft.	100		
4.11	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	33		
4.12	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	119		
4.13	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	33		
4.14	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	33		

Executive Engineer
GOVT. OF SINDH. KARACHI.
Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.15	**ALUMINUM SWING DOOR** Providing and fixing fully glazed Champagne anodized aluminum Swing door with frame as per British standard manufactured by Lucky, ALCOP, Krudson, Pakistan Cable and A.C.P. (fixing through their approved fabricators) premium box model section, 101.6mm x 44.5mm and 2mm thick including the aluminum fittings, locks with all accessories rubber packing cutting hole etc. and making good damages to walls etc. complete as required as per drawing and with fan light but excluding the cost of glass pans. Double opening floor mounted Japan make double action spring hinges, door assembly with fixed glazing. D7	Sft	336		
4.16	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any floor.				
a	Sliding window				
	W1	Per Sft	25		
	W2	Per Sft	12.58		
	W3	Per Sft	10.20		
	W4	Per Sft	6.80		
	W5	Per Sft	12.24		
	Ventilators:				
	V1	Per Sft	69		
	V2	Per Sft	8		
	V3	Per Sft	14		
	V4	Per Sft	31		
b	Top hung / sliding ventilators	Per Sft	34		
c	Fixed Glazing	Per Sft	51		
4.17	**TINTED GLASS** Providing and fixing imported tinted Glass of following sizes to Aluminum doors, windows and ventilators etc including the cost of labour & rubber packing.				
17	5mm thick for door & windows / Fixed Glazing	Per Sft	50		
b	8mm thick	Per Sft	100		
c	12mm thick	Per Sft	400		

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.18	**STEEL DOOR** Providing and fixing steel metal door single leaf of angle iron frame size 2" x 2" x ¼"" thick and 1-½" x 1-½" x ¼" thick shutter size with sheet covering 20 gauge on one side including hold fast and internal bracing of angle iron size 1-¼" x 1-¼" x 3/16" with all accessories and locking arrangement complete with 2 coats of red oxide paint finished with 2 coats of enamel paint ICI Dulux, berger or approved equivalent, work complete in all respect as per instructions of the Architect / Engineer-in-Charge. (roof level)	Per Sft	100		
25.19	**COMPOSITE DOORS (Lavatory Area)** Providing and fixing composite doors comprising of patent features having maximum strength and stability innovative 3 mm injection moulded skins joined to a specially extruded aluminum frame fitted with special hot plate welded skin holders and subsequently filled with rigid polyurethane for strength and acoustic insulation complete with frame (chowkhat) made from extruded wood plastic composite section to fit wall thickness complete as produced by "AVT Composite Doors & Windows" and including the cost of hinges, locks, door stopper, tower bolts etc. as directed by the Engineer-in-Charge. (all levels) Door Size: 3'-0" X 7'-0" 2'-0" X 7'-0"	Per Sft	100		
4.19	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	1,556		
4.20	**COLLAPSIBLE STEEL SHUTTER** Providing and fixing collapsible steel shutter or gate with vertical channels, flat iron diagonal top and bottom rails with steel rollers flush with floor of required size, T - Iron bottom track riveting the junctions all as per drawing, Including locking arrangements and handles, cutting and making good damages to walls etc. painting two coats of red oxide and finished with 2 coats of enamel paint of approved manufacturer, fixing bottom track with C.C. 1:2:4 complete as required. (Ground Floor)	Per Sft	300		
4.21	Providing & fixing prefabricated MDF Acoustic Panel with sound observer insulation fixed on steel anchor system including Wooden/ MDF board decorative treatment as per drawing and as per instructions of Engineer/ Architect.	Per Sft	528		
				Sub-Total Rs.	
5.00	**PAINT WORKS**				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any floor.				
ii)	Ground Floor	Per Sft	12,419		
5.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
ii)	Ground Floor	Per Sft	69,381		
5.03	**WEATHER SHIELD PAINT** P/A Paint three coats with weather shield paint ICI Dulux make of approved shade on external plaster surface and including the cost of cleaning the surface, sand papering etc. complete at any height, any floor.	Per Sft	5,000		
5.04	**GRAFFIATO WALL COATING** Providing and applying wall finish coat of Graffito wall coating 1/16" thick in any approved colour all work to be completed specification and instruction of the Architect / Engineer-in-Charge.	Per Sft	500		
5.05	**PAINTING WOOD WORK/ DRY WALL** Painting with synthetic enamel paint ICI, Burger or equivalent approved finish and shade two coats over and including the cost of one priming cost complete at any height in any floor.	Per Sft	200		
				Sub-Total Rs.	
6.00	**MARBLE/GRANITE**				
6.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	For Treads	Per Sft	397.80		
	For Risers	Per Sft	209.44		
	For Landing	Per Sft	220.32		
	Imported Marble	Per Sft	561.00		
6.02	Providing & Fixing of Polish Granite 12"x24" with 3/4" thick for Lift wall. Complete with delivery and fixing at site as per required sizes with matching grouting complete in all respect.	Per Sft	262		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH. KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
				Sub-Total Rs.	
7.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				
7.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)				
	Hand Railing fixed on staircase and at entrance	Per Rft	162		
7.02	**TOP RAIL** P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	162		
7.03	Providing, fabricating and fixing properly of rectangular S.S. 2" x 6" hollow bar mounted with screws, brackets etc on projections of elevation at any height. Complete in all respect as per drawings, design and instructions of the Architect / Engineer-in-Charge.	Per Rft	340		
				Sub-Total Rs.	
8.00	**MISCELLANEOUS**				
8.01	Painting iron work with **synthetic enamel paint** of (ICI / Berger) or approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	Per Sft	1,000		
8.02	Providing and fixing M.S. Square bars at required spacing with horizontal flat iron as per approved design including making holes fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required at any height.	Per Kg	2,400		
8.03	Providing, fabricating and fixing ⅝" x ⅝" M.S. Square bars grill for window with red oxide coating and enamel painting ICI or Burger or equivalent. Complete in all respect as per drawing instructions of the Architect / Engineer-in-Charge. (all floors)	Per Kg	2,500		

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
8.04	Providing and laying 1½" to 2"th Precast Coping using screened graded bajri ¾" and down gauge 1:2:4 in Precast Coping and Cornice of Planter walls moulded to design as per required size, including the cost of reinforcement, pins. Complete in all respect as per instruction of the Architect / Engineer-in-Charge.	Per Rft	300		
8.05	Providing and placing C.C JALI 12"x12"x2" thick fixing with cement sand mortar 1:4. and with color pigment. Complete in all respect as per drawings and instructions of the Engineer/Architect	Per Sft	500		
	Cost of Civil Work			**Sub-Total Rs.**	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No.II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

NON-SCHEDULE ITEMS

SUMMARY OF COST(INTERMEDIATE)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	BLOCK MASONRY	
2	PLASTER	
3	FLOORING / SKIRTING / DADO	
4	DOORS / WINDOWS / VENTILATORS	
5	PAINT WORKS	
6	MARBLE / GRANITE	
7	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
	TOTAL	

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

CONVENTION CENTRE

BOQ (INTERMEDIATE)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	NON-SCHEDULE ITEMS:				
1.00	**BLOCK MASONRY**				
1.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
c	6"th Solid Block				
iii)	Intermediate Floor	Per Sft	4,338		
d	8"th Solid Block				
iii)	Intermediate Floor	Per Sft	4,959		
e	12"th Solid Block				
ii)	Intermediate Floor	Per Sft	4,559		
				Sub-Total Rs.	
2.00	**PLASTER**				
2.01	**CEILING PLASTER**				
	Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
iii)	Intermediate Floor	Per Sft	7,460		
2.02	**INTERNAL PLASTER**				
	P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
iii)	Intermediate Floor	Per Sft	24,228		

Executive Engineer
GOVT. OF SINDH, KARACHI.
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S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
2.03	**EXTERNAL PLASTER** P/L ¾ inch thick cement plaster 1:4 in O.P Cement and sand in on RCC Walls in all kind of surface etc. and column, Fins, making grooves and Pattas etc. and drawings smoothly finished using expanded metal mesh on joints and on conduits filling scaffolding including making edges, corners, curves and drip course etc. at any height and any shape. Complete all as directed by the Engineer-in-Charge. (surface area will be measured only for payment and all opening to be deducted)	Per Sft	14,841		
			Sub-Total Rs.		
3.00	**FLOORING / SKIRTING / DADO**				
3.01	**PORCELAIN TILES FLOORING** Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
iii)	Intermediate Floor	Per Sft	3,058		
3.02	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
iii)	Intermediate Floor	Per Rft	1,516		
3.03	Same item as above but on wall dado and facing of approved size at upto any height any floor.				
iii)	Intermediate Floor	Per Sft	1,290		
			Sub-Total Rs.		
4.00	**DOOR/WINDOWS/VENTILATORS:**				
4.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge.				
	D1		127		
	D2		104		
	D3		146.51		
	D4		16.64		
	D5		36.40		
	D6		43.68		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.02	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	Per Rft	1,190		
4.03	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	25		
4.04	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	25		
4.05	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	25		
4.06	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	91		
4.07	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	25		
4.08	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	25		
4.09	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any floor.				
a	Sliding window				
	W1	Per Sft	19		
	W2	Per Sft	9.62		
	W3	Per Sft	7.80		
	W4	Per Sft	5.20		
	W5	Per Sft	9.36		

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	Ventilators:				
	V1	Per Sft	53		
	V2	Per Sft	6		
	V3	Per Sft	10		
	V4	Per Sft	23		
b	Top hung / sliding ventilators	Per Sft	26		
c	Fixed Glazing	Per Sft	39		
4.10	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	1,190		
				Sub-Total Rs.	
5.00	**PAINT WORKS**				
5.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any floor.				
iii)	Intermediate Floor	Per Sft	7,460		
5.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
iii)	Intermediate Floor	Per Sft	22,290		
				Sub-Total Rs.	
6.00	**MARBLE/GRANITE**				
6.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	For Treads	Per Sft	304.20		
	For Risers	Per Sft	160.16		
	For Landing	Per Sft	168.48		
	Imported Marble	Per Sft	429.00		
6.02	Providing & Fixing of Polish Granite 12"x24" with 3/4" thick for Lift wall. Complete with delivery and fixing at site as per required sizes with matching grouting complete in all respect.	Per Sft	200		
				Sub-Total Rs.	
7.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
7.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)				
	Hand Railing fixed on staircase and at entrance	Per Rft	124		
7.02	**TOP RAIL**				
	P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	124		
7.03	Providing, fabricating and fixing properly of rectangular S.S. 2" x 6" hollow bar mounted with screws, brackets etc on projections of elevation at any height. Complete in all respect as per drawings, design and instructions of the Architect / Engineer-in-Charge.	Per Rft	260		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

NON-SCHEDULE ITEMS

SUMMARY OF COST(FIRST)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	BLOCK MASONRY	
2	PLASTER	
3	FLOORING / SKIRTING / DADO	
4	DOORS / WINDOWS / VENTILATORS	
5	PAINT WORKS	
6	MARBLE / GRANITE	
7	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
	TOTAL	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No.II

CONVENTION CENTRE

BOQ (FIRST)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

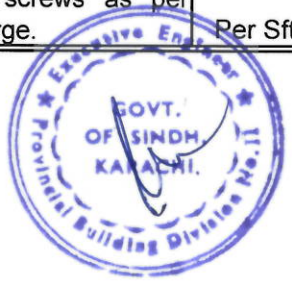
S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	NON-SCHEDULE ITEMS:				
1.00	**BLOCK MASONRY**				
1.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
b	4"th Solid Block				
iii)	First Floor	Per Sft	3,180		
c	6"th Solid Block				
iv)	First Floor	Per Sft	3,441		
d	8"th Solid Block				
iv)	First Floor	Per Sft	5,086		
e	12"th Solid Block				
iii)	First Floor	Per Sft	2,967		
				Sub-Total Rs.	
2.00	**PLASTER**				
2.01	**CEILING PLASTER** Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
iv)	First Floor	Per Sft	7,282		
2.02	**INTERNAL PLASTER** P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
iv)	First Floor	Per Sft	32,268		

Executive Engineer Provincial Building Division No.II GOVT OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
2.03	**EXTERNAL PLASTER** P/L ¾ inch thick cement plaster 1:4 in O.P Cement and sand in on RCC Walls in all kind of surface etc. and column, Fins, making grooves and Pattas etc. and drawings smoothly finished using expanded metal mesh on joints and on conduits filling scaffolding including making edges, corners, curves and drip course etc. at any height and any shape. Complete all as directed by the Engineer-in-Charge. (surface area will be measured only for payment and all opening to be deducted)	Per Sft	10,154		
				Sub-Total Rs.	
3.00	**FLOORING / SKIRTING / DADO**				
3.01	**GLAZED TILES DADO** Providing and fixing ¼" (6mm approx.) thick of imported good quality and approved make first grade coloured or multicolour glazed ceramic tiles upto 250 sq.inches as approved with borders, in dado and skirting over ½" (13 mm) thick base of white cement mortar 1:4 setting of tiles in slurry of white cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete.				
iii)	First Floor	Per Sft	4,867		
3.02	**NON-SKID CERAMIC TILES FLOOR** Providing and laying floor of 6mm (approx: ¼") thick coloured, multicoloured semi glazed ceramic tiles first grade, imported and approved size upto 250 sq. inches laid over 2" thick white cement screed 1:3 (1 cement and 3 sand) and white cement slurry including jointing and washing the tiles with white cement and curing etc, complete.				
iv)	First Floor	Per Sft	1,320		
3.03	**PORCELAIN TILES FLOORING** Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
iv)	First Floor	Per Sft	2,348		
3.04	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
iv)	First Floor	Per Rft	2,099		
3.05	Same item as above but on wall dado and facing of approved size at upto any height any floor.				
iv)	First Floor	Per Sft	924		
				Sub-Total Rs.	
4.00	**DOOR/WINDOWS/VENTILATORS:**				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge.				
	D1		88		
	D2		72		
	D3		101.43		
	D4		11.52		
	D5		25.20		
	D6		30.24		
4.02	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	Per Rft	824		
4.03	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	18		
4.04	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	18		
4.05	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	18		
4.06	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	63		



S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.07	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	18		
4.08	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	18		
4.09	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any floor.				
a	Sliding window				
	W1	Per Sft	13		
	W2	Per Sft	6.66		
	W3	Per Sft	5.40		
	W4	Per Sft	3.60		
	W5	Per Sft	6.48		
	Ventilators:				
	V1	Per Sft	37		
	V2	Per Sft	4		
	V3	Per Sft	7		
	V4	Per Sft	16		
b	Top hung / sliding ventilators	Per Sft	18		
c	Fixed Glazing	Per Sft	27		
4.10	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	824		
				Sub-Total Rs.	
5.00	**PAINT WORKS**				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any floor.				
iii)	Intermediate Floor	Per Sft	7,460		
5.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
iii)	Intermediate Floor	Per Sft	22,290		
				Sub-Total Rs.	
6.00	**MARBLE/GRANITE**				
6.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	For Treads	Per Sft	210.60		
	For Risers	Per Sft	110.88		
	For Landing	Per Sft	116.64		
	Imported Marble	Per Sft	297.00		
6.02	Providing & Fixing of Polish Granite 12"x24" with 3/4" thick for Lift wall. Complete with delivery and fixing at site as per required sizes with matching grouting complete in all respect.	Per Sft	139		
				Sub-Total Rs.	
7.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				
7.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)				
	Hand Railing fixed on staircase and at entrance	Per Rft	86		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH. KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
7.02	**TOP RAIL** P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	86		
7.03	Providing, fabricating and fixing properly of rectangular S.S. 2" x 6" hollow bar mounted with screws, brackets etc on projections of elevation at any height. Complete in all respect as per drawings, design and instructions of the Architect / Engineer-in-Charge.	Per Rft	180		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No.II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST(SECOND)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	BLOCK MASONRY	
2	PLASTER	
3	FLOORING / SKIRTING / DADO	
4	DOORS / WINDOWS / VENTILATORS	
5	PAINT WORKS	
6	MARBLE / GRANITE	
7	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
	TOTAL	

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

CONVENTION CENTRE

BOQ (SECOND)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	NON-SCHEDULE ITEMS:				
1.00	**BLOCK MASONRY**				
1.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
b	4"th Solid Block				
iv)	Second Floor	Per Sft	3,180		
c	6"th Solid Block				
v)	Second Floor	Per Sft	3,441		
d	8"th Solid Block				
v)	Second Floor	Per Sft	5,086		
e	12"th Solid Block				
iv)	Second Floor	Per Sft	2,967		
				Sub-Total Rs.	
2.00	**PLASTER**				
2.01	**CEILING PLASTER** Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
v)	Second Floor	Per Sft	7,815		
2.02	**INTERNAL PLASTER** P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
v)	Second Floor	Per Sft	32,268		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
2.03	**EXTERNAL PLASTER** P/L ¾ inch thick cement plaster 1:4 in O.P Cement and sand in on RCC Walls in all kind of surface etc. and column, Fins, making grooves and Pattas etc. and drawings smoothly finished using expanded metal mesh on joints and on conduits filling scaffolding including making edges, corners, curves and drip course etc. at any height and any shape. Complete all as directed by the Engineer-in-Charge. (surface area will be measured only for payment and all opening to be deducted)	Per Sft	13,279		
				Sub-Total Rs.	
3.00	**FLOORING / SKIRTING / DADO**				
3.01	**GLAZED TILES DADO** Providing and fixing ¼" (6mm approx.) thick of imported good quality and approved make first grade coloured or multicolour glazed ceramic tiles upto 250 sq.inches as approved with borders, in dado and skirting over ½" (13 mm) thick base of white cement mortar 1:4 setting of tiles in slurry of white cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete.				
iv)	Second Floor	Per Sft	4,867		
3.02	**NON-SKID CERAMIC TILES FLOOR** Providing and laying floor of 6mm (approx: ¼") thick coloured, multicoloured semi glazed ceramic tiles first grade, imported and approved size upto 250 sq. inches laid over 2" thick white cement screed 1:3 (1 cement and 3 sand) and white cement slurry including jointing and washing the tiles with white cement and curing etc, complete.				
v)	Second Floor	Per Sft	1,320		
3.03	**PORCELAIN TILES FLOORING** Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
v)	Second Floor	Per Sft	2,348		
3.04	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
v)	Second Floor	Per Rft	2,099		
3.05	Same item as above but on wall dado and facing of approved size at upto any height any floor.				
v)	Second Floor	Per Sft	924		
				Sub-Total Rs.	
4.00	**DOOR/WINDOWS/VENTILATORS:**				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge.				
	D1		118		
	D2		96		
	D3		135.24		
	D4		15.36		
	D5		33.60		
	D6		40.32		
4.02	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	Per Rft	1,098		
4.03	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	23		
4.04	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	23		
4.05	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	23		
4.06	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	84		

Executive Engineer
GOVT. OF SINDH. KARACHI.
Provincial Building Division No. II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
4.07	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	23		
4.08	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	23		
4.09	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any floor.				
a	Sliding window				
	W1	Per Sft	18		
	W2	Per Sft	8.88		
	W3	Per Sft	7.20		
	W4	Per Sft	4.80		
	W5	Per Sft	8.64		
	Ventilators:				
	V1	Per Sft	49		
	V2	Per Sft	6		
	V3	Per Sft	10		
	V4	Per Sft	22		
b	Top hung / sliding ventilators	Per Sft	24		
c	Fixed Glazing	Per Sft	36		
4.10	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	1,098		
				Sub-Total Rs.	
5.00	**PAINT WORKS**				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any floor.				
v)	Second Floor	Per Sft	7,815		
5.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
v)	Second Floor	Per Sft	30,655		
				Sub-Total Rs.	
6.00	**MARBLE/GRANITE**				
6.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	For Treads	Per Sft	280.80		
	For Risers	Per Sft	147.84		
	For Landing	Per Sft	155.52		
	Imported Marble	Per Sft	396.00		
				Sub-Total Rs.	
7.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				
7.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)				
	Hand Railing fixed on staircase and at entrance	Per Rft	114		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
7.02	**TOP RAIL** P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	114		
7.03	Providing, fabricating and fixing properly of rectangular S.S. 2" x 6" hollow bar mounted with screws, brackets etc on projections of elevation at any height. Complete in all respect as per drawings, design and instructions of the Architect / Engineer-in-Charge.	Per Rft	240		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

NON-SCHEDULE ITEMS

SUMMARY OF COST(THIRD)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	TRUSSES	
2	BLOCK MASONRY	
3	PLASTER	
4	FLOORING / SKIRTING / DADO	
5	DOORS / WINDOWS / VENTILATORS	
6	PAINT WORKS	
7	MARBLE / GRANITE	
8	STAINLESS STEEL STAIRCASE RAILING (DULL FINISH)	
	TOTAL	

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

CONVENTION CENTRE

BOQ (THIRD)
NON-SCHEDULE ITEMS
(CIVIL WORKS)

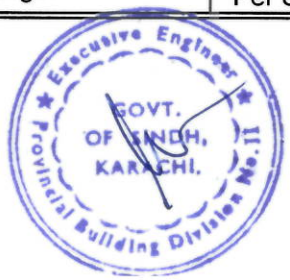
S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	NON-SCHEDULE ITEMS:				
1.00	**TRUSSES**				
1.01	Providing & laying Gauge 18 Deck connected to Purlins this is the net area and does not include overlaps. 100 Feet long Trusses as per drawing in confirmance with ASTM A36T. B-Bold embedded in beam / column / walls as shown in drawing (Measurement for payment will be straight, curved, overlaps parts shall not be measured.	Sft.	12,500		
				Sub-Total Rs.	
2.00	**BLOCK MASONRY**				
2.01	Providing and laying 1:3:6 cement concrete machine made block masonry of required sizes horizontally or vertically using O.P. Cement graded screened bajri ¾ inch and down gauge set in cement mortar 1:6 making recess, including scaffolding as required using ¾" dia reinforcement bar including cost of steel anchors at columns and between two columns as required extended from external columns on outer wall side at every 4th course, raking out joints and curing etc. complete at any shape, curve, height and floor.				
b	4"th Solid Block				
v)	Roof	Per Sft	2,092		
c	6"th Solid Block				
vi)	Third Floor	Per Sft	3,610		
vii)	Roof	Per Sft	1,278		
d	8"th Solid Block				
vi)	Third Floor	Per Sft	785		
e	12"th Solid Block				
v)	Third Floor	Per Sft	2,489		
				Sub-Total Rs.	
3.00	**PLASTER**				
3.01	**CEILING PLASTER** Providing 1/2" thick cement plaster 1:4 O.P Cement on soffits ceiling, cantilever slabs, sides and soffits of beams etc. including making edges, corners and including scaffolding, curing etc. complete in any shape and height.				
vi)	Third Floor	Per Sft	3,096		
3.02	**INTERNAL PLASTER**				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	P/L ¾" inch thick cement plaster 1:4 in O.P. Cement on walls and columns and wherever required of any shape, curve and design etc. including expanded metal mesh on joints and on conduits filling scaffolding including making edges corners, grooves, and curing etc. smoothly finished complete as per specifications and instructions, (at any height and floor)				
vi)	Third Floor	Per Sft	13,637		
vii)	Roof	Per Sft	2,938		
3.03	**EXTERNAL PLASTER**				
	P/L ¾ inch thick cement plaster 1:4 in O.P Cement and sand in on RCC Walls in all kind of surface etc. and column, Fins, making grooves and Pattas etc. and drawings smoothly finished using expanded metal mesh on joints and on conduits filling scaffolding including making edges, corners, curves and drip course etc. at any height and any shape. Complete all as directed by the Engineer-in-Charge. (surface area will be measured only for payment and all opening to be deducted)	Per Sft	21,090		
				Sub-Total Rs.	
4.00	**FLOORING / SKIRTING / DADO**				
4.01	**PORCELAIN TILES FLOORING**				
	Providing and laying light approved quality, colour, shade glazed floors size 16" x 16" or 24" x 24" imported porcelain glazed tiles UAE or Malysian make in any floor with border, laid over a base of 2" thick (Total thickness) O.P. white Cement screed (1:4) and slurry including jointing to tiles with joint filler of approved quality. Complete in all respect as per drawing, specification and instructions of the Architect / Engineer-in-Charge.				
vi)	Third Floor	Per Sft	6,732		
vii)	Roof	Per Sft	3,542		
4.02	Same item as above but on wall skirting and facing of approved size at upto any height any floor.				
vi)	Third Floor	Per Rft	1,249		
4.03	**ROOF SCREEDING**				
	Providing and laying 1:6 cement screed using screened graded bajri 3/8" down gauge in terracing 4" average thickness to required slope consolidation finishing etc. laid over concrete surface to be coated with approved water proofing product curing Up to minimum 7 days. Painting Top surface with plastic bitumen No. 4 @ of 15lbs per hundred square feet blinded with sand @ of 2 eft per hundred square feet. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Per Sft	15,300		
				Sub-Total Rs.	
5.00	**DOOR/WINDOWS/VENTILATORS:**				

Executive Engineer
GOVT. OF SINDH
KARACHI.
Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.01	**WOODEN FLUSH DOOR** Providing and fixing at any height any floor solid core 3mm thick teak veneered plywood on both side flush door shutter HDF 1½" inch thick and lipping 1½" wide x ½" on four sides in teak wood, as produced by Sterling Interwood or similar approved manufacturers under power driven hydraulic press as approved with application of approved wood preservative treatment including brass oxidized fittings 9" long tower bolts on top and middle and imported butt hinges 5" size 4 Nos each side single or double hinged etc. i/c cost of approved lacquer polishing with preparation of smooth surface complete but excluding the cost of handles locks and glass single / double opening with as per specification all as per drawing & design detail and as instructed and satisifcation by the Engineer-in-Charge.				
	D1		186		
	D2		152		
	D3		214.13		
	D4		24.32		
	D5		53.20		
	D6		63.84		
5.02	**FRAMES** Providing and fixing best quality deodar frames for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis works, etc. as required. Complete in all respect as per direction of the Architect / Engineer-in-Charge.	Per Rft	1,739		
5.03	**HEAVY DUTY DOOR LOCKS** Providing and fixing with C.P - brass screws door double shutter cylinder handle type yale (Italy make) of approved design, cutting wood etc, to required size, with 3 Nos operating keys as per direction of the Engineer-in-Charge.	Each	37		
5.04	**DOOR CLOSERS** Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi or approved design No. 5002, Japan make, cutting wood etc to required shape and size as per direction of Engineer-in-Charge.	Each	37		
5.05	**ALDROP FIXING** Providing and fixing 12" oxidized metal heavy duty aldrop to wooden doors. Work complete in all respect as per direction of the Engineer-in-Charge	Each	37		
5.06	**ALUMINUM SHEETS** Providing and fixing aluminums sheets (12" high) on door pasted with glue and screws as per instructions of the Engineer-in-Charge.	Per Sft.	133		



S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.07	**ROOM DOOR LOCK** Providing and fixing with C.P - brass screws Alpha lock of approved design and colour (Japan make), cutting wood to required shape and size with 3 Nos operating keys as per instruction of the Engineer-in-Charge.	Each	37		
5.08	**DOOR HOLDERS** Providing and fixing with brass screws wall mounted heavy duty brass adjustable magnetic door holders of approved quality. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	Each	37		
5.09	**ALUMINUM WINDOW / VENTILATOR** Providing and fixing fully glazed champagne anodized aluminum Sliding windows as per British standard manufactured by Lucky, ALCOP, Krusdon, Pakistan cable and A.C.P. (fixing through their approved fabricators), Premium model box section 101.6mm x 44.5mm x 2 mm thick including the cost of aluminum netting, fittings, with all accessories rubber packing etc cutting hole etc and making good damages to walls etc. including cost of best quality 5mm tinted glass as per drawing at any height any floor.				
a	Sliding window				
	W1	Per Sft	28		
	W2	Per Sft	14.06		
	W3	Per Sft	11.40		
	W4	Per Sft	7.60		
	W5	Per Sft	13.68		
	Ventilators:				
	V1	Per Sft	78		
	V2	Per Sft	9		
	V3	Per Sft	15		
	V4	Per Sft	34		
b	Top hung / sliding ventilators	Per Sft	38		
c	Fixed Glazing	Per Sft	57		
5.10	**WOODEN ARCHITRAVE** Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge.	Per Rft	1,739		
				Sub-Total Rs.	
6.00	**PAINT WORKS**				
6.01	**CEILING PAINT P/A** Paint with polyvinyl distemper ICI Dulux, Berger or approved equivalent Paint of approved shade in two coats over and including the cost of one priming coat including sand papering, dusting, and filling the holes, cracks and inequalities, at any height in any floor.				
vi)	Third Floor	Per Sft	3,096		

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
6.02	**INTERNAL WALL PAINT** P/A Paint with ICI Dulux, Berger or approved equivalent Plastic Emulsion Paint of approved shade three coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.				
vi)	Third Floor	Per Sft	12,955		
vii)	Roof	Per Sft	2,938		
				Sub-Total Rs.	
7.00	**MARBLE/GRANITE**				
7.01	Providing and laying chemical pre polished best quality Boticina Marble or similar quality as approved to stair steps using 1" thick full length marble slab laid over bed of C.C. 1:4, 1" thick using white cement and screened sand mix and slurry including filling of joints using white cement and pigment (if required) in match colour of marble tiles l/c curing, rubbing, rounding the edges, nosing and chemical polishing. (2 to 3 pieces of marble slab). Complete in all respect as per drawings and approval of Architect / Engineer.				
	For Treads	Per Sft	444.60		
	For Risers	Per Sft	234.08		
	For Landing	Per Sft	246.24		
	Imported Marble	Per Sft	627.00		
7.02	Providing & Fixing of Polish Granite 12"x24" with 3/4" thick for Lift wall. Complete with delivery and fixing at site as per required sizes with matching grouting complete in all respect.	Per Sft	293		
				Sub-Total Rs.	
8.00	**STAINLESS STEEL STAIRCASE RAILING (Dull Finish)**				
8.01	Providing, fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)				
	Hand Railing fixed on staircase and at entrance	Per Rft	181		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
8.02	**TOP RAIL** P/F best quality 2" x 4" teak wood top hand railing of approved and section wherever required with turning, bend etc. fixed with flat iron and screws, making good as required. Complete in all respect as per drawings, design and instruction of the Architect / Engineer-in-Charge.	Per Rft	181		
8.03	Providing, fabricating and fixing properly of rectangular S.S. 2" x 6" hollow bar mounted with screws, brackets etc on projections of elevation at any height. Complete in all respect as per drawings, design and instructions of the Architect / Engineer-in-Charge.	Per Rft	380		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH
KARACHI.
Provincial Building Division No.III

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST(STEPPING ARRANGEMENT)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	STEPPING ARRANGEMENT	
	TOTAL	

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

CONVENTION CENTRE

BOQ(STEPPING ARRANGEMENT)
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
24.07	Providing and fixing best quality **imported carpet woolen** with tackles of approved shade and design PCC floor. Complete in all respect and as per drawings and instructions of the Engineer/ Architect. Ground Floor	Per Sft	28,742.00		
24.08	Providing and fixing **Laminated wood floor premium quality imported Tarket Germany or equalent** make as per design over 2" thick base CC 1:2:4 concrete using O.P. cement unless other wise notified, Complete in all respect as per drawings, specifications and instructions of the Engineer/Architect.	Per Sft	2,192.00		
24.09	Providing and fixing **Laminated wood Skirting / Dado** premium quality imported Germany make as per and design over 1/2" thick base CC 1:4 concrete using O.P. cement unless other wise notified, Complete in all respect and as per drawings and instructions of the Engineer/Architect.	Per Sft	2,683.00		
24,10	Providing, making and fixing acoustic fabric wall panelling as per approved fabric and shade as per design and drawing/ specification & as per direction of Engineer / Architect.	Per Sft	16,030.00		
				GRAND TOTAL RS.	

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST(FALSE CEILING)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	FALSE CEILING	
	TOTAL	

CONVENTION CENTRE

BOQ(FALSE CEILING)
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
27.00	**FALSE CEILING**				
27.01	Providing and fixing 1/2 inch thick gypsum board in 2'-0" x 2'-0" panels decorative vis false ceiling supported on imported aluminum runners and hangers with opening for light fixtures, with 3 coats of enamel paint of approved manufacturer work complete in all respect, as directed by the Engineer in-Charge.	Per Sft	48,919		
27.02	Providing and fixing of Best Quality **Teak veenered false ceiling with partal framing** as per design of approved pattern on as per reflected ceiling plan. Complete in all respect and as per drawings and instructions of the Engineer/Architect.	Per Sft	1,232		
27.03	Providing and fixing of **Metalic false ceiling** of size 2' X 2' of approved pattern with 3/8" thick with aluminum frame on accessories for built-in light fixtures and 10 SWG G.I. bar hangers @ 2' X 2' c/c with 18 SWG G.I adjuster at any elevation as per reflected ceiling plan. Complete in all respect and as per drawings and instructions of the Engineer/Architect.	Per Sft	2,426		
27.04	Providing and fixing of **Mineral Fiber false ceiling** of size 2' X 2' of approved pattern with 3/8" thick with aluminum frame on accessories for built-in light fixtures and 10 SWG G.I. bar hangers @ 2' X 2' c/c with 18 SWG G.I adjuster at any elevation as per reflected ceiling plan. Complete in all respect and as per drawings and instructions of the Engineer/Architect.	Per Sft	1,650		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No.II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST(FACE LIFTING)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	FACE LIFTING	
	TOTAL	

Executive Engineer
GOVT. OF SINDH. KARACHI.
Provincial Building Division No.III

CONVENTION CENTRE

BOQ(FACELIFTING)
(CIVIL WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
29.00	**COLOR CRETE WORKS**				
29.01	Providing & applying colour crete plaster 1/2" thick using fine sand with white cement ratio 1:4 including approved colour pigment over 3/4" thick C.C. plaster finished with groove 1/8" thick. Complete in all respect and as per drawing, specifications and instruction of the Engineer/ Architects.	Per Sft	40,880		
				Sub-Total Rs.	
31.00	**STONE CLADDING:**				
31.01	Providing and laying 2 inch thick stone facing / cladding on walls all as per drawing approved and as directed by the Engineer Incharge.	Per Sft	32,120		
				Sub-Total Rs.	
				GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

SUMMARY OF COST

(EXTERNAL DEVELOPMENT WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1.	PAVERS	
2.	KERB BLOCKS	
3.	EXTERNAL LIGHTING SYSTEM	
4	EXTERNAL SEWER AND MANHOLES	
	GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

BOQ
(EXTERNAL DEVELOPMENT WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.00	**PAVERS:**				
1.1	Supplying and making of 60mm natural grey color **Envicrete / Hubcrete or equivalent** with 2" average sand cushion(khaka). Complete in all respect with proper relevelling and as per drawings and instructions of the Engineer/Architect.	Per Sft	318,497		
				Sub-Total Rs.	
2.00	**KERB BLOCKS:**				
2.1	Providing & laying 300 mm x 300 mm x 150 mm Precast Kerb block as manufactured by Envicrete / Hub Crete or equivalent & fix with 1:4 cement sand mortar complete as per drawing or as direction of Engineer/ Consultant.	Per Rft	3,762		
				Sub-Total Rs.	
3.00	**EXTERNAL LIGHTING SYSTEM:**				
3.1	Providing FOR Site, Installing, testing & commissioning of **street light control panel & feeder pillar of Hussain & Co / Green T & D / Libra Engineering made of sheet steel of 2.15 mm thick ready wired and factory assembled, anticorrosive powder coated, floor mounting outdoor weather proof IP-65 rated for A.C system voltage 400/230V, 50Hz** having 3 phase, neutral and earth bus of HDHC tinned copper conductors respectively, with all installation accessories like Rawl bolts etc. etc, conforming to specification and drawing ready to install up to the entire satisfaction of cliet/consultant, complete in all respects. **SLCP** **Incoming:** 01 No. 40A TP MCCB 3 Nos indicating lights with 2 Amp fuse 1 No. Voltmeter with selector switch 1 No. Surge protector 1No. Photo Sensor with manual bypass timer contactor arrangement. **Outgoing:** 4 Nos. 10A TP MCB	Job	1		
LIGHT POLES					
3.2	Providing FOR site, installation & commissioning of **4 meter High post lentern light** with 3 inch dia poweder coated G.I pipe including base plate, J bolts, nuts and washers, self locking inspection door with rubber gasketing & special key, as per specification and details shown on the drawings, complete in all respects for approval of the Consultant/Client.	Nos	20		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
LIGHT FIXTURES					
3.3	Providing FOR site, installation, testing and commissioning of decorative glass globe with **60 watts LED Lamp of Britlite or approved equivalent for 4 meter high pole/post** with all required accessories as per specification and drawing, complete in all respects. (Light fixture samples must be submitted to consultant/client for approval).	Nos.	20		
a	Providing For site, installation, testing and commissioning of **cable Terminal box comprising with 2 Amp single pole miniature circuit breaker (MCB)** including 415 volt high voltage resistance terminal. as shown in specification and drawing up to the entire satisfaction of engineer and client, Complete in all respects.	Nos	20		
b	Providing FOR site, installation, testing and commissioning of **3C - 1.5 mm2 PVC/PVC Copper Conductor Cable from pole Terminal box upto light fixture**, as shown in specification and drawing up to the entire satisfaction of engineer and client, Complete in all respects.	Lot	1		
3.4	Providing FOR site, installation, testing and commissioning of **high powder coated die cast Decorative Bollard Light Model: or equivalent with 10-12 Watts LED Light fixture aluminium die cast housing with accessories** as shown in drawing, including erection, accessories, painting etc. made of MS steel with base cover, anchor bolts, nuts, washer, complete in all respect.	Nos.	21		
FOUNDATION					
3.5	Construction of **Street light pole, Bollard light & SLCP foundation in concrete class "B"**, reinforcement as per AASHTO M31, lean concrete etc, and as per specifications & drawings up to the entire satisfaction of engineer and client, Complete in all respects.				
a	4m High Post Top	Nos.	20		
b	Decorative Bollard Light	Nos.	21		
c	SLCP	Nos.	1		
LV CABLE NETWORK SYSTEM					
3.6	Providing, installation testing and commissioning of following **multi- core 600/1000 volt grade PVC/SWA/ PVC Cu Conductor for street light cable** including excavation and backfilling from street light DB-Ext till end of each circuit & street light pole including termination at both ends with all installation and termination material, brass cable glands, ferrules, lugs, ties, accessories, etc, as per drawings and specification, up to the entire satisfaction of engineer and client, Complete in all respects.				
a	4 core - 6 mm^2 PVC/SWA/PVC + 1C-6mm2 PVC as ECC	Lot	1		

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No.II

S#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
EARTHING SYSTEM FOR STREET LIGHTING					
3.7	Providing, installation, testing and commissioning of **earthing system for protective Earthing of every fourth Lighting Pole, first and last pole with 3 meter long 20 mm dia Earth Copper Claded Steel Rod** directly driven to ground to obtain earth resistance not more than 1 ohm including 10 sq mm bare Cu condutor wire from earth rod to lighting pole up to the entire satisfaction of engineer and client, Complete in all respects.	Jobs	7		
		TOTAL RS:		**Sub-Total Rs.**	
NOTE: ALL CABLE LENGTHS ARE TENTATIVE SUBJECT TO ACTUAL MEASUREMENT AND EXECUTION AT SITE.					
SECTION - 04, EXTERNAL SEWER AND MANHOLES					
	Supply, fixing, testing and commissioning of pipework, equipment and manhole required to complete sewerage system in all respects including all accessories as per drawings, specification and instructions of Consultant.				
4.1	Supply, fixing, testing and commissioning of approved make BS-3505 / 3051 (Class-B) U-PVC pipes for soil, waste, vents and rain water along with all types fittings, specials, access, bends, yees, tees, sockets etc. cleanouts, traps, vent cowel, clamp, supports chiseling, excavation, backfilling, where required, jointing. Complete in all respect.				
	i. 6" Dia.	Rft.	487		
	ii. 8" Dia.	Rft.	1310		
4.2	Construction of manholes with materials as per drawings complete with Cast Iron cover, with frame inlet outlet connections, including excavation and backfilling. (SR Cement shall be used)				
	i. 24"x24" (depth as per pipe invert level)	Nos.	30		
	ii. 30"x30" (depth as per pipe invert level)	Nos.	4		
	i. 36"x36" (depth as per pipe invert level)	Nos.	2		
			SECTION - 4 - (IN PKR):		
			GRAND TOTAL (IN PKR):		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

SUMMARY OF COST (EXTRA ITEMS)

(CIVIL WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1	CONVENTION CENTRE	
2	ADMIN BLOCK	
	TOTAL	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. II

BOQ
(EXTRA WORKS)

S#	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
21.00	**DISMANTLING & REPAIR WORKS**				
1.00	**CONVENTION CENTRE:**				
1.01	Providing all labour, Tools and plants for dismentling of reinforced concrete including disposal of debris at places permitted by civic agencies complete as per drawing, specifications and as directed by the Engineer.	Cft.	2850		
1.02	Providing all labour, Tools and plants for dismentling of block masonary walls including disposal of debries at places permitted by civic agencies complete as per drawing, specifications and as directed by the Engineer.	Cft.	550		
1.03	Dismatalling of Existing Structure including disposal of debries at places permitted by civic agencies complete as per drawing, specifications and as directed by the Engineer.	Cft.	850		
				SUB TOTAL RS.	
2.00	**OFFICES & ACADEMIC BLOCK**				
2.01	Providing all labour, Tools and plants for dismentling of reinforced concrete including disposal of debris at places permitted by civic agencies complete as per drawing, specifications and as directed by the Engineer.	Cft	13755.56		
2.02	Providing all labour, Tools and plants for dismentling of block masonary walls including disposal of debries at places permitted by civic agencies complete as per drawing, specifications and as directed by the Engineer.	Cft	1000		
2.03	Dismatalling of Existing Structure including disposal of debries at places permitted by civic agencies complete as per drawing, specifications and as directed by the Engineer.	Cft	2000		
				Sub-Total Rs.	
				Grand Total Rs.	

Executive Engineer
GOVT. OF SINDH, KARACHI.
Provincial Building Division No. III

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

OFFICES & ACADEMIC BLOCK

SUMMARY OF COST
(PLUMBING & SANITARY SERVICES)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
01.	COST OF SECTION - 01	
02.	COST OF SECTION - 02	
03.	COST OF SECTION - 03	
	GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH. KARACHI.
Provincial Building Division No. II

OFFICES & ACADEMIC BLOCK

BOQ

(PLUMBING & SANITARY SERVICES)

S. NO.	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION - 01, PLUMBING FIXTURES					
	Supply and installation, testing and commissioning of plumbing fixtures complete with all accessories, support, hangers, trim, etc. ready to install as per specification, drawings and instructions of Consultant.				
1.1	Stainless Steel sink Single Bowel including waste, bottle trap, stop cocks, wall mounted hot and cold mixer, etc.	No.	1		
1.2	European style coupled W.C. with seat, flush tank, tee stop cock, connector, thimble, etc. Complete in all respects.				
	Type EWC.	Nos.	19		
1.3	Asian style W.C. Orisa type with flush tank, flush pipe, tee stop cock, connector, P-trap etc. Complete in all respects.				
	Type AWC.	Nos.	5		
1.4	Oval type vanity wash basin including bottle trap, stop cocks, hot & cold mixer, waste, etc. Complete in all respects.				
	Type WB-V (vanity type)	Nos.	20		
1.5	Wash basin including bottle trap, stop cocks and hot & cold mixer, waste, etc. Complete in all respects.				
	Type WB	Nos.	1		
1.6	Toilet Shower with tee stop cock with flexible cord and spray head. Complete in all respect				
	Type-TS for EWC	Nos.	19		
1.7	Toilet Shower with double bib cock with flexible cord and spray head. Complete in all respect				
1.8	Type-TS for AWC	Nos.	5		
1.9	Bib cock for Janitorial				
	Type BC	Nos.	1		
10.0	Toilet accessories				
	i. Soap Dispenser	Nos.	21		
	ii. Toilet Paper holder	Nos.	19		
	iii. Coat hooks	Nos.	19		
	TOTAL OF SECTION - 1 - (IN PKR):				
SECTION - 02 WATER SUPPLY SYSTEM					
	Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories as per specification,drowings & instruction of Consultant.				
2.1	Polypropelene Random PPR-C pipes (DIN 8077/78, PN-20 / SDR-6) of approved quality with fusion jointing along with all types of fittings, unions, tees, bends, sockets, clamps, supports, sleeves, masking plates, cheiseling, making holes, making good excavation, bedding, backfilling as required complete in all respect.				
	i 25 mm Dia	Rft.	399		
	ii 32 mm Dia	Rft.	290		
	iii 40 mm Dia	Rft.	61		
	iv 50 mm Dia	Rft.	69		
	v 63 mm Dia	Rft.	136		
	vi 75 mm Dia	Rft.	18		
	vii 90 mm Dia	Rft.	64		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

S. NO.	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	viii 110 mm Dia	Rft.	21		
2.2	Brass body gate valves/ball valves (Imported)				
	i 3/4" Dia	Nos.	8		
	ii 1" Dia	Nos.	8		
	iii 1-1/4" Dia	Nos.	2		
	iv 1-1/2" Dia	Nos.	1		
	v 2" Dia	Nos.	2		
	vi 2-1/2" Dia	Nos.			
	viii 4" Dia	Nos.	1		
2.4	Motor control electrical panel with IP-55 protection including incoming outgoing MCCBs, automatic for above mentioned pumps, control system for auto filling of water to fill the O/H tank, auto stop with overflow, dry run protection, Control wiring from panel to U/G & O/H tank in G.I conduits complete in all respects as per instruction of consultant.	Job.	1		
2.5	Supply & installation of (Electric) hot water heater suitable for 60 psi working pressure including thermostat, inlet/outlet connection. Pressure relief valve. specified of following capacities. (for future provision)				
	i. Capacity = 8 US GAL.	No.	5		
	TOTAL OF SECTION - 2 - (IN PKR):				
SECTION - 03 SOIL, WASTE VENT AND RAIN WATER DRAINAGE SYSTEMS					
	Supply, fixing, testing and commissioning of equipment, pipe work required to complete the soil waste, vent and rain water systems in all respects with accessories as per specifications, drawings and instruction of Consultant.				
3.1	Supply, fixing, testing and commissioning of approved make BS-3505 / 3051 (Class-C) U-PVC Pipes for soil, waste, vents and rain water along with all types fittings, specials, access, bends, yees, tees, sockets etc. cleanouts, traps, vent cowel, clamp, supports chiseling, excavation, backfilling, where required, jointing. Complete in all respect.				
	ii. 1-1/2" Dia	Rft.	154		
	iii. 2" Dia.	Rft.	380		
	iv. 3" Dia.	Rft.	133		
	v. 4" Dia.	Rft.	772		
3.2	Floor Trap including 4" PVC P-trap, s.s. grating inlet outlet connection complete in all respects.				
	i. Type FD	Nos.	27		
3.3	Floor Cleanout point for soil, waste pipes of approved make.				
	i. 4" dia. Pipe. with SS floor cover plate	Nos.	22		
3.4	Roof Drain as shown on the drawing and as specified connection complete in all respects.				
	i. Type RWG	Nos.	5		
	TOTAL OF SECTION - 3 - (IN PKR):				
	GRAND TOTAL (IN PKR):				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST
(PLUMBING & SANITARY SERVICES)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
01.	COST OF SECTION - 01	
02.	COST OF SECTION - 02	
03.	COST OF SECTION - 03	
	GRAND TOTAL RS.	

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH. KARACHI.

CONVENTION CENTRE

BOQ

(PLUMBING & SANITARY SERVICES)

S. NO.	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION - 01, PLUMBING FIXTURES					
	Supply and installation, testing and commissioning of plumbing fixtures complete with all accessories, support, hangers, trim, etc. ready to install as per specification, drawings and instructions of Consultant.				
1.1	Stainless Steel sink Single Bowel including waste, bottle trap, stop cocks, wall mounted hot and cold mixer, etc.	No.	2		
1.2	European style coupled W.C. with seat, flush tank, tee stop cock, connector, thimble, etc. Complete in all respects.				
	Type EWC.	Nos.	63		
1.3	Asian style W.C. Orisa type with flush tank, flush pipe, tee stop cock, connector, P-trap etc. Complete in all respects.				
	Type AWC.	Nos.	15		
1.4	Oval type vanity wash basin including bottle trap, stop cocks, hot & cold mixer, waste, etc. Complete in all respects.				
	Type WB-V (vanity type)	Nos.	66		
1.5	Wash basin including bottle trap, stop cocks and hot & cold mixer, waste, etc. Complete in all respects.				
	Type WB	Nos.	5		
1.6	Toilet Shower with tee stop cock with flexible cord and spray head. Complete in all respect				
	Type-TS for EWC	Nos.	63		
1.7	Toilet Shower with double bib cock with flexible cord and spray head. Complete in all respect				
1.8	Type-TS for AWC	Nos.	15		
1.9	Bib cock for Janitorial				
	Type BC	Nos.	4		
10.0	Toilet accessories				
	i. Soap Dispenser	Nos.	71		
	ii. Toilet Paper holder	Nos.	63		
	iii. Coat hooks	Nos.	63		
	TOTAL OF SECTION - 1 - (IN PKR):				
SECTION - 02 WATER SUPPLY SYSTEM					
	Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories as per specification,drowings & instruction of Consultant.				
2.1	Polypropelene Random PPR-C pipes (DIN 8077/78, PN-20 / SDR-6) of approved quality with fusion jointing along with all types of fittings, unions, tees, bends, sockets, clamps, supports, sleeves, masking plates, cheiseling, making holes, making good excavation, bedding, backfilling as required complete in all respect.				
	i 25 mm Dia	Rft.	1,334		
	ii 32 mm Dia	Rft.	973		
	iii 40 mm Dia	Rft.	205		
	iv 50 mm Dia	Rft.	231		
	v 63 mm Dia	Rft.	454		
	vi 75 mm Dia	Rft.	62		
	vii 90 mm Dia	Rft.	216		
	viii 110 mm Dia	Rft.	71		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH. KARACHI.

S. NO.	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
2.2	Brass body gate valves/ball valves (Imported)				
	i 3/4" Dia	Nos.	25		
	ii 1" Dia	Nos.	25		
	iii 1-1/4" Dia	Nos.	6		
	iv 1-1/2" Dia	Nos.	3		
	v 2" Dia	Nos.	8		
	vi 2-1/2" Dia	Nos.			
	vii 3" Dia	Nos.	2		
	viii 4" Dia	Nos.	2		
2.3	Water transfer pumps set (1duty + 1standby) with electric motor including C.C foundation, inlet outlet connections, valves, unions, flexible rubber connector, pressure gauge, electrical connection with all fixing accessories, water proof electrical panel with pump starter automatic filling control system for (U/G and O/H) tanks low and high level, auto stop with overflow, complete in all respects ready to operate.				
	i. Flow 150 GPM @ 2.5 BAR Head	Set.	1		
	ii. Flow 150 GPM @ 2.5 BAR Head	Set.	2		
2.4	Motor control electrical panel with IP-55 protection including incoming outgoing MCCBs, automatic for above mentioned pumps, control system for auto filling of water to fill the O/H tank, auto stop with overflow, dry run protection, Control wiring from panel to U/G & O/H tank in G.I conduits complete in all respects as per instruction of consultant.	Job.	2		
2.5	Supply & installation of (Electric) hot water heater suitable for 60 psi working pressure including thermostat, inlet/outlet connection. Pressure relief valve. specified of following capacities. (for future provision)				
	i. Capacity = 8 US GAL.	No.	15		
	TOTAL OF SECTION - 2 - (IN PKR):				
SECTION - 03 SOIL, WASTE VENT AND RAIN WATER DRAINAGE SYSTEMS					
	Supply, fixing, testing and commissioning of equipment, pipe work required to complete the soil waste, vent and rain water systems in all respects with accessories as per specifications, drawings and instruction of Consultant.				
3.1	Supply, fixing, testing and commissioning of approved make BS-3505 / 3051 (Class-C) U-PVC Pipes for soil, waste, vents and rain water along with all types fittings, specials, access, bends, yees, tees, sockets etc. cleanouts, traps, vent cowel, clamp, supports chiseling, excavation, backfilling, where required, jointing. Complete in all respect.				
	ii. 1-1/2" Dia	Rft.	514		
	iii. 2" Dia.	Rft.	1,272		
	iv. 3" Dia.	Rft.	445		
	v. 4" Dia.	Rft.	2,583		
3.2	Floor Trap including 4" PVC P-trap, s.s. grating inlet outlet connection complete in all respects.				
	i. Type FD	Nos.	90		
3.3	Floor Cleanout point for soil, waste pipes of approved make.				
	i. 4" dia. Pipe. with SS floor cover plate	Nos.	74		

Executive Engineer GOVT. OF SINDH. KARACHI. Provincial Building Division No. II

S. NO.	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
3.4	Roof Drain as shown on the drawing and as specified connection complete in all respects.				
	i. Type RWG	Nos.	15		
	TOTAL OF SECTION - 3 - (IN PKR):				
	GRAND TOTAL (IN PKR):				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

OFFICE & ADMIN BLOCK

SUMMARY OF COST
(ELECTRIFICATION & ALLIED WORKS)

SR. NO.	BOQ ITEMS	AMOUNT PAK.RS
A.	MAIN / SUBMAIN DISTRIBUTION BOARDS	
B.	WIRING ACCESSORIES	
C.	LIGHT FITTINGS AND FIXTURES	
	GRAND TOTAL RS.	

Executive Engineer
GOVT. OF SINDH
KARACHI.
Provincial Building Division No.II

OFFICE & ADMIN BLOCK

BOQ
(ELECTRIFICATION & ALLIED WORKS)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
SECTION A : MAIN / SUBMAIN DISTRIBUTION BOARDS					
EA-01	Providing FOR site, Installing, Testing and commissioning of Submain Distribution Boards of ELECTRECH / LIBRA ENGINEERING or approved equivalent, made of heavy sheet steel of 2.15 mm thick, ready wired and factory assembled anticorrosive/powder coated floor/surface mounting for A.C system voltage 400/230V, 50 Hz having 3 phase, Neutral and earth bus of HDHC tinned copper conductors respectively, conforming to specification & drawings, ready to install up to the entire satisfaction of Client / Consultant, complete in all respects.				
1.1	**MDB-Admin Building (Wall Mounted Type)**	No.	1		
LIGHTING/POWER DISTRIBUTION BOARD					
EA-02	Providing FOR site, Installing, Testing and commissioning of Lighting/Power Distribution Board of ELECTRECH / LIBRA ENGINEERING or approved equivalent, made of heavy sheet steel of 2.15 mm thick, ready wired and factory assembled anticorrosive/powder coated surface mounting for A.C system voltage 400/230V, 50 Hz having 3 phase, Neutral and earth bus of HDHC tinned copper conductors respectively, conforming to specification & drawings, ready to install up to the entire satisfaction of Client / Consultant, complete in all respects.				
2.1	**LDB-G (Recessed Type)**	No.	1		
2.2	**PDB-G (Recessed Type)**	No.	1		
2.3	**PDB-F (Recessed Type)**	No.	1		
2.4	**DB-Pump**	No.	1		
2.5	**MCC-PANEL - 2**	No.	1		

Executive Engineer GOVT. OF SINDH KARACHI. Provincial Building Division No.II

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
LOW VOLTAGE CABLES					
EA-03	Providing FOR Site, Laying, Installing , testing & connecting of following, 600/1000, 450/750 Volts grade single/ multi core PVC insulated armored/unarmored cables of Pakistan Cables or approved equivalent as shown in drawings from LT Panel to Main/Submain Distribution Board (SMDB)to respective DB's in required size of Cable tray/ GI Conduit/UPV conduits/trench directly burried in ground including accessories if required etc as shown in drawings. The cables shall be terminated on both ends in an approved manner with all installation accessories such as brass glands, lugs, etc., conforming to drawings, complete in all respect.				
3.1	**From MDB Admin Bulding to LDB-G** 1 x 10 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 6 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr	2		
3.2	**From MDB Admin Bulding to PDB-G** 1 x 50 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 25 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr	4		
3.3	**From MDB Admin Bulding to PDB-F** 1 x 50 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 25 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr	40		
3.4	**From MDB Admin Bulding to DB-PUMP** 1 x 6 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 6 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr	15		
3.5	**From MDB Admin Bulding to MCC-PANEL-2** 1 x 120 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 70 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr	50		
EARTHING/GROUNDING					
EA-04	Providing FOR Site, Installing, testing & commissioning of Earthing rod of 20 mm dia copper rod of 3 meter long upto 10 Mtr up to water level as shown in drawing,to be connected with 2 x 70 Sqmm HDHC Bare Conductor in 32 mm dia G.I. Pipe connecting earthing lead with the equipment as required & conforming to drawings work including Making of earthing pits having size: 300 X 300 X 300 mm, including all Earthing connecting to Copper strip nearest to the pits leading to equipment grounding, including ground enhancing material, earth improvement work and soil conditioning, ready to install in sound condition up to the entire satisfaction of Client / Consultant, complete in all respects.				
4.1	**Earthing Unit**	Jobs	2		
	TOTAL OF SECTION "A" Rs:				
	NOTE: ALL CABLE LENGTHS ARE TENTATIVE SUBJECT TO ACTUAL MEASUREMENT AND EXECUTION AT SITE.				

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH. KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
SECTION-B: (WIRING ACCESSORIES)					
EB-01	Providing & Installation, Testing and Commissioning of following gang type & Dimmer Switches, Sockets of **CLIPSAL/MK** including 16 SWG Sheet Steel powder coated back Boxes, recessed in wall, complete in all respects. The work shall be complete in all respect in an approved manner as required up to the entire satisfaction of Client and Consultant, complete in all respect.				
1.1	**One Gang switch 5A**				
	Ground Floor	No.	4		
	First Floor	No.	-		
1.2	**Two Gang switch 5A**				
	Ground Floor	No.	4		
	First Floor	No.	3		
1.3	**Two Gang Two way switch 5A**				
	Ground Floor	No.	4		
	First Floor	No.	2		
1.4	**Three Gang switch 5A**				
	Ground Floor	No.	22		
	First Floor	No.	7		
1.5	**Four Gang switch 5A**				
	Ground Floor	No.	5		
	First Floor	No.	8		
1.6	**Five Gang switch 5A**				
	Ground Floor	No.	2		
	First Floor	No.	1		
1.7	**13A Universal Switch Socket**				
	Ground Floor	No.	46		
	First Floor	No.	22		
1.8	**15A 3pin Switch Socket**				
	Ground Floor	No.	30		
	First Floor	No.	7		
1.9	**20A 3pin Switch Socket**				
	Ground Floor	No.	4		
	First Floor	No.	-		
1.10	**Technology Box (2 -13A + 1-5A + 1-RJ45) made of GI**				
	Ground Floor	No.	15		
	First Floor	No.	9		
	WIRING FOR LIGHTS, FANS & SOCKETS				

Executive Engineer GOVT. OF SINDH, KARACHI. Provincial Building Division No. II

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
EB-02	Providing, Laying, Testing and Commissioning of following Wiring items complete with cables & wires, PVC conduiting, all accessories as per drawings, specifications and site requirments. The wiring shall be complete in all respect in an approved manner as required up to the entire satisfaction of Client and Consultant, complete in all respect.				
2.1	Supply, Installation, Testing & Commissioning of Circuit Wiring from **DB to Switch board** including wiring between switch on the same circuit with 2x2.5 sq.mm. + 1x2.5 sq.mm single core PVC insulated wires in green PVC conduit of suitable size up to cable tray run on surface wall,/column etc., complete with all conduit accessories as per specification & site requirements. complete in all respect.				
	Ground Floor	No.	20		
	First Floor	No.	7		
2.2	Supply, Installation, Testing & Commissioning of Wiring for light point from **Switch Board to first light/fan Point** with 3x1.5 sq.mm. wires in PVC conduit of suitable size up to cable tray, complete in all respect.				
	Ground Floor	No.	184		
	First Floor	No.	68		
2.3	Supply, Installation, Testing & Commissioning of Wiring from **Light Point to Light Point** with 3x1.5 sq.mm. PVC insulated cable in PVC conduit of suitable size with all accessories , complete in all respect.				
	Ground Floor	No.	88		
	First Floor	No.	29		
2.4	Supply, Installation, Testing & Commissioning of Wiring for **Emergency Light Points** with 3x1.5 sq.mm. wires in in PVC conduit of suitable size with all accessories , complete in all respect.				
	Ground Floor	No.	1		
	First Floor	No.	1		
2.5	Supply, Installation, Testing & Commissioning of Wiring for **Emergency Point tp light point** with 3x1.5 sq.mm. wires in in PVC conduit of suitable size with all accessories , complete in all respect.				
	Ground Floor	No.	23		
	First Floor	No.	11		
2.6	Supply, Installation, testing and Commissioning of Wiring for **3Pin, 13A Universal Socket Outlet** with 2x4 sq.mm + 1x4 sq.mm single core PVC insulated wires in PVC conduit of suitable size recessed in wall, column, ceiling or under floor etc., complete with all conduit accessories as per specification, drawings and site conditions.				
	Ground Floor	No.	46		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH, KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
	First Floor	No.	22		
	Ground Floor	No.	30		
	First Floor	No.	7		
2.8	Supply, Installation, testing and Commissioning of Wiring for **3Pin, 20A Socket Outlet** with 2x4 sq.mm. + 1x4 Sqmm as ECC single core PVC insulated wires in PVC conduit of suitable size recessed in wall, column, ceiling or under floor etc., complete with all conduit accessories as per specification, drawings and site conditions.				
	Ground Floor	No.	4		
	First Floor	No.	-		
	TOTAL OF SECTION "B" Rs:				
SECTION-C: (LIGHT FITTINGS AND FIXTURES)					
EC-01	Providing, Installing, connecting, testing and commissioning of recessed type **1 x 36 Watt LED Batten Light, 12000mm, 4000K. Model no: NBT496A (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
1.1	Ground Floor	No.	4		
1.2	First Floor	No.	-		
EC-02	Providing, Installing, connecting, testing and commissioning of **1' x 1' 24 Watt LED Smart Light (Recessed Type)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
2.1	Ground Floor	No.	30		
2.2	First Floor	No.	55		
EC-03	Providing, Installing, connecting, testing and commissioning of **2' x 2' 40 Watt LED Smart Panel Light (Recessed Type) Model no: NPNLED 4514 (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
3.1	Ground Floor	No.	80		
3.2	First Floor	No.	6		
EC-04	Providing, Installing, connecting, testing and commissioning of **1 x 15 Watt LED Down Light (Recessed Type) Model no: NDLLED 9295 (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
4.1	Ground Floor	No.	60		
4.2	First Floor	No.	15		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
EC-05	Providing, Installing, connecting, testing and commissioning of **2 x 10.5 Watt LED Pacific Light Model no: NWP498 (NVC)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
5.1	Ground Floor	No.	28		
5.2	First Floor	No.	-		
EC-06	Providing, Installing, connecting, testing and commissioning of **Emergency Light (Recessed Type) Model no: EPE-EM3-ST-AT) 3W Maintained Type, 3 Hrs Built-in Battery Bank Kit** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
6.1	Ground Floor	No.	24		
6.2	First Floor	No.	12		
EC-07	Providing, Installing, testing and commissioning of **24"x24"-40 Watt circumatic Fan** of **Pak Fan** or approved equivalent with Dimmer control as per specification and drawings required upto the entire satisfaction of Client/Consultant, complete in all respect.				
7.1	Ground Floor	No.	63		
7.2	First Floor	No.	14		
EC-08	Providing, Installing, testing and commissioning of **48" Ceiling Fan** of **Pak Fan** or approved equivalent with Dimmer control as per specification and drawings required upto the entire satisfaction of Client/Consultant, complete in all respect.				
8.1	Ground Floor	No.	2		
8.2	First Floor	No.	-		
	TOTAL OF SECTION "C" RS:			**TOTAL OF**	
	GRAND TOTAL OF SECTION "A" + "B" + "C" RS.				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST
(ELECTRIFICATION & ALLIED WORKS)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
A	MV/LV SWITCHGEAR/ PFI / DISTRIBUTION BOARDS / MAIN	
B	WIRING ACCESSORIES	
C	LIGHT FITTINGS AND FIXTURES	
D	LIGHTING CONTROL SYSTEM	
	GRAND TOTAL RS.	

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

CONVENTION CENTRE
BOQ
(ELECTRIFICATION & ALLIED WORKS)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION B : MV/LV SWITCHGEAR/ PFI / DISTRIBUTION BOARDS / THREE PANEL MV SWITCHBOARD					
EB-01	Providing FOR site, testing & commissioning of **Three Panel 11KV MV Switchboard** (Owners Panel) of **Siemens/ Schneider / Green T&D** or approved equivalent, conforming to K-Electric specifications & drawings, ready to install up to the entire satisfaction of Client / Consultant, complete in all respects.	No.	1		
OIL COOLED TRANSFORMER					
EB-02	Providing FOR site, installation, testing & Commissioning of **1500 KVA, 11000/415 Volts, step Down, Oil cooled transformer**, ready made factory assembled etc of TransfoPower or approved equivalent conforming to specifications & drawings to the entire satisfaction of Client / Consultant, complete in all	Job	1		
MAIN LT PANEL					
EB-03	Providing FOR site, Installing, Testing and commissioning of Free Standing Floor Mounted, totally Enclosed, Cubical type, **Low Voltage Main LT Panel of ELECTRECH / LIBRA ENGINEERING** or approved equivalent, made of heavy sheet steel of 2.15 mm thick, ready wired and factory assembled anticorrosive/ powder coated floor/surface mounting for A.C system voltage 400/230V, 50 Hz having 3 phase, Neutral and earth bus of HDHC tinned copper conductors respectively, conforming to specification & drawings, ready to install up to the entire satisfaction of Client / Consultant, complete in all				
3.1	**MAIN LT PANEL**	Job	1		
EB-04	Providing FOR site, Installing, Testing and commissioning of following Free Standing Floor mounted Power Factor Improvement (PFI) equipments with Capacitors Bank, Main Fuse Unit, Contactors, Sub Fuses, solid-state Microprocessor based control Relay and other components as per relevant specifications & drawings, made with 14/16 SWG sheet metal housing powder coated with approved colour, complete in all respects.				
4.1	**1000 KVAR PFI**	Job	1		
MEDIUM VOLTAGE CABLE					

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EB-05	Providing FOR site, laying, testing, commissioning and termination of following **8.7/15kV 3 Core - AL / XLPE/PVC /SWA/ PVC Cable** , directly buried in ground and or partially laying in already preapared trench, including cable binding ties , laying of warning tiles , warning tape as per drawings and specification, including cable glands, identification markers, etc., complete in all respect.				
5.1	3C - 95 mm^2, CU, XLPE/PVC/SWA/PVC	Lot	1		
EB-06	Providing FOR site, termination, testing & commissioning of following **termination kits and joints** from Ring Main Unit/between Ring Main Unit , of approved manufacturer, as per specification and detail shown on drawing, including cable glands, ferrules, lugs, ties and miscellaneous materials and installation, complete in all respect.				
6.1	**Termination Kit & Jumpers:** 1C-95 mm2, AL, XLPE/PVC/SWA/PVC	Lot	1		
6.2	**Straight Cable Joint (Splices) :** 1C-95 mm^2, AL, XLPE/PVC/SWA/PVC	Lot	1		
MAIN / SUBMAIN DISTRIBUTION BOARD					
EB-07	Providing FOR site, Installing, Testing and commissioning of Submain Distribution Boards of ELECTRECH / LIBRA ENGINEERING or approved equivalent, made of heavy sheet steel of 2.15 mm thick, ready wired and factory assembled anticorrosive/ powder coated floor/surface mounting for A.C system voltage 400/230V, 50 Hz having 3 phase, Neutral and earth bus of HDHC tinned copper conductors respectively, conforming to specification & drawings, ready to install up to the entire satisfaction of Client / Consultant, complete in all respects.				
7.1	**MDB-Convenction Center (Floor Mouted Type)**	Nos.	1		
7.2	**SMDB-1 (Floor/Wall Mouted Type)**	Nos.	1		
7.3	**SMDB-2 (Floor/Wall Mouted Type)**	Nos.	1		
7.4	**SMDB-PUMP (Floor/Wall Mouted Type)**	Nos.	1		
LIGHTING/POWER DISTRIBUTION BOARD					

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EB-08	Providing FOR site, Installing, Testing and commissioning of Lighting/Power Distribution Board of ELECTRECH / LIBRA ENGINEERING or approved equivalent, made of heavy sheet steel of 2.15 mm thick, ready wired and factory assembled anticorrosive/ powder coated surface mounting for A.C system voltage 400/230V, 50 Hz having 3 phase, Neutral and earth bus of HDHC tinned copper conductors respectively, conforming to specification & drawings, ready to install up to the entire satisfaction of Client / Consultant, complete in all respects.				
8.1	**DB-B1 (Recessed Type)**	Nos.	1		
8.2	**DB-B2 (Recessed Type)**	Nos.	1		
8.3	**DB-G1 (Recessed Type)**	Nos.	1		
8.4	**DB-G2 (Recessed Type)**	Nos.	1		
8.5	**DB-F1 (Recessed Type)**	Nos.	1		
8.6	**DB-PRO (Recessed Type)**	Nos.	1		
8.7	**DB-2F (Recessed Type)**	Nos.	1		
8.8	**DB-3F (Recessed Type)**	Nos.	1		
8.9	**DB-LIFT**	Nos.	1		
8.10	**MCC-PANEL-1**	Nos.	1		
LOW VOLTAGE CABLES					
EB-9	Providing FOR Site, Laying, Installing , testing & connecting of following, 600/1000, 450/750 Volts grade single/ multi core PVC insulated armored/unarmored cables of Pakistan Cables or approved equivalent as shown in drawings from LT Panel to Main/Submain Distribution Board (SMDB)to respective DB's in required size of Cable tray/ GI Conduit/UPV conduits/trench directly burried in ground including accessories if required etc as shown in drawings. The cables shall be terminated on both ends in an approved manner with all installation accessories such as brass glands, lugs, etc., conforming to drawings, complete in all respect.				
9.1	4 x 300 sqmm 4 core XLPE/PVC insulated CU Cable with 3 x 150 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	100		
9.2	**From MDB CONVENTIONCENTER to SMDB-1** 1 x 240 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 120 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	5		
9.3	**From MDB CONVENTION CENTER to MCC-PANEL-1** 3 x 240 sqmm 4 core XLPE/SWA/PVC insulated CU Cable with 3 x 70 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	35		
9.4	**From SMDB-1 to SMDB-2** 1 x 25 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 16 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	15		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
9.5	**From SMDB-1 to DB-B1** 1 x 25 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 16 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	5		
9.6	**From SMDB-1 to DB-B2** 1 x 25 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 16 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	55		
9.7	**From SMDB-1 to DB-G1** 1 x 50 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 25 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	22		
9.8	**From SMDB-1 to DB-G2** 1 x 25 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 16 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	82		
9.9	**From SMDB-1 to SMDB-PUMP** 1 x 95 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 70 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	20		
9.10	**From SMDB-2 to DB-F1** 1 x 10 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 6 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	2		
9.11	**From DB-F1 to DB-PRO** 1 x 6 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 6 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	4		
9.12	**From SMDB-2 to DB-2F** 1 x 10 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 6 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	8		
9.13	**From SMDB-2 to DB-3F** 1 x 10 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 6 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	32		
9.14	**From SMDB-1 to DB-LIFT** 1 x 25 sqmm 4 core XLPE/PVC insulated CU Cable with 1 x 16 sqmm 1 Core Green PVC insulated with Yellow Strip as ECC	Mtr.	28		
EARTHING / GROUNDING					

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EB-10	Providing FOR Site, Installing, testing & commissioning of Earthing rod of 20 mm dia copper rod of 3 meter long upto 10 Mtr up to water level as shown in drawing,to be connected with 2 x 70 Sqmm HDHC Bare Conductor in 32 mm dia G.I. Pipe connecting earthing lead with the equipment as required & conforming to drawings work including Making of earthing pits having size: 300 X 300 X 300 mm, including all Earthing connecting to Copper strip nearest to the pits leading to equipment grounding, including ground enhancing material, earth improvement work and soil conditioning, ready to install in sound condition up to the entire satisfaction of Client / Consultant complete in all respects				
10.1	**Earthing Unit**	Jobs	12		
MANHOLE					
EB-11	Providing and Construction of Manhole Size 900 x 900 x 1000 mm deep, 6" thick, concrete 1:2:4 ratio with 600mm round heavy duty cast iron cover, 100% water proof, complete in all respect.	No.	8		
UPVC CALSS 'D' PIPES					
EB-12	Providing and Laying of following size UPVC Class D Conduit for Power Cables at different locations as indicated on drawings. Buried in ground / under roads / under floor as per specifications, drawings and site condition. Including excavation for laying of conduit, bricks, warning tape and backfilling with new and fresh soil etc., as shown on the drawing, complete in all respect.				
12.1	100mm dia UPVC Class D Conduit	RM	100		
12.2	150mm dia UPVC Class D Conduit	RM	100		
	TOTAL OF SECTION "B" Rs:				
NOTE: ALL CABLE LENGTHS ARE TENTATIVE SUBJECT TO ACTUAL MEASUREMENT AND EXECUTION AT SITE.					
SECTION-C : (WIRING ACCESSORIES)					
EC-01	Providing & Installation, Testing and Commissioning of following gang type & Dimmer Switches, Sockets of **CLIPSAL/MK** including 16 SWG Sheet Steel powder coated back Boxes, recessed in wall, complete in all respects. The work shall be complete in all respect in an approved manner as required up to the entire satisfaction of Client and Consultant, complete in all respect.				
1.1	**One Gang switch 5A**				
	Basement	Nos.	13		
	Ground Floor	Nos.	13		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	6		
	Second Floor	Nos.	6		
	Third Floor	Nos.	-		
1.2	**Two Gang switch 5A**				
	Basement	Nos.	14		
	Ground Floor	Nos.	16		
	Intermediate Floor	Nos.	3		
	First Floor	Nos.	5		
	Second Floor	Nos.	-		
	Third Floor	Nos.	4		
1.3	**Two Gang Two way switch 5A**				
	Basement	Nos.	4		
	Ground Floor	Nos.	5		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH. KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	Intermediate Floor	Nos.	2		
	First Floor	Nos.	2		
	Second Floor	Nos.	-		
	Third Floor	Nos.	2		
1.4	**Three Gang switch 5A**				
	Basement	Nos.	8		
	Ground Floor	Nos.	2		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	-		
	Second Floor	Nos.	-		
	Third Floor	Nos.	-		
1.5	**Four Gang switch 5A**				
	Basement	Nos.	-		
	Ground Floor	Nos.	3		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	-		
	Second Floor	Nos.	-		
	Third Floor	Nos.	-		
1.6	**Five Gang switch 5A**				
	Basement	Nos.	4		
	Ground Floor	Nos.	4		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	-		
	Second Floor	Nos.	-		
	Third Floor	Nos.	-		
1.7	**Six Gang switch 5A**				
	Basement	Nos.	-		
	Ground Floor	Nos.	1		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	2		
	Second Floor	Nos.	-		
	Third Floor	Nos.	1		
1.8	**5A Switch Socket**				
	Basement	Nos.	13		
	Ground Floor	Nos.	12		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	4		
	Second Floor	Nos.	-		
	Third Floor	Nos.	2		
1.9	**13A Universal Switch Socket**				
	Basement	Nos.	30		
	Ground Floor	Nos.	31		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	8		
	Second Floor	Nos.	-		
	Third Floor	Nos.	4		
1.10	**15A 3pin Switch Socket**				
	Basement	Nos.	30		
	Ground Floor	Nos.	23		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	8		
	Second Floor	Nos.	-		
	Third Floor	Nos.	4		
1.11	**20A 3pin Switch Socket**				
	Basement	Nos.	2		
	Ground Floor	Nos.	6		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	2		

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	Second Floor	Nos.	-		
	Third Floor	Nos.	-		
1.12	**12" x 12" Floor Box for Multi Purposed Use made of GI Sheet of Ezzi Engg**				
	Basement	Nos.	3		
	Ground Floor	Nos.	3		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	-		
	Second Floor	Nos.	-		
	Third Floor	Nos.	-		
1.13	**Technology Box (2 -13A + 1-5A + 1-RJ45) made of GI Sheet of Ezzi Engg**				
	Basement	Nos.	-		
	Ground Floor	Nos.	1		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	1		
	Second Floor	Nos.	-		
	Third Floor	Nos.	-		
	WIRING FOR LIGHTS, FANS & SOCKETS				
EC-02	Providing, Laying, Testing and Commissioning of following Wiring items complete with cables & wires, PVC conduiting, all accessories as per drawings, specifications and site requirments. The wiring shall be complete in all respect in an approved manner as required up to the entire satisfaction of Client and Consultant, complete in all respect.				
2.1	Supply, Installation, Testing & Commissioning of Circuit Wiring from **DB to Switch board** including wiring between switch on the same circuit with 2x2.5 sq.mm. + 1x2.5 sq.mm single core PVC insulated wires in green PVC conduit of suitable size up to cable tray run on surface wall,/column etc., complete with all conduit accessories as per specification & site requirements. complete in all respect.				
	Basement	Nos.	29		
	Ground Floor	Nos.	25		
	Intermediate Floor	Nos.	2		
	First Floor	Nos.	5		
	Second Floor	Nos.	7		
	Third Floor	Nos.	1		
2.2	Supply, Installation, Testing & Commissioning of Wiring for light point from **Switch Board to first light/fan Point** with 3x1.5 sq.mm. wires in PVC conduit of suitable size up to cable tray, complete in all respect.				
	Basement	Nos.	93		
	Ground Floor	Nos.	99		
	Intermediate Floor	Nos.	10		
	First Floor	Nos.	32		
	Second Floor	Nos.	6		
	Third Floor	Nos.	7		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH, KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
2.3	Supply, Installation, Testing & Commissioning of Wiring from **Light Point to Light Point** with 3x1.5 sq.mm. PVC insulated cable in PVC conduit of suitable size with all accessories , complete in all respect.				
	Basement	Nos.	255		
	Ground Floor	Nos.	201		
	Intermediate Floor	Nos.	75		
	First Floor	Nos.	70		
	Second Floor	Nos.	70		
	Third Floor	Nos.	11		
2.4	Supply, Installation, Testing & Commissioning of Wiring for **Emergency Light Points** with 3x1.5 sq.mm. wires in in PVC conduit of suitable size with all accessories , complete in all respect.				
	Basement	Nos.	2		
	Ground Floor	Nos.	2		
	Intermediate Floor	Nos.	1		
	First Floor	Nos.	1		
	Second Floor	Nos.	1		
	Third Floor	Nos.	1		
2.5	Supply, Installation, testing and Commissioning of Wiring for **3Pin, 13A Universal Socket Outlet** with 2x4 sq.mm + 1x4 sq.mm single core PVC insulated wires in PVC conduit of suitable size recessed in wall, column, ceiling or under floor etc., complete with all conduit accessories as per specification, drawings and site conditions.				
	Basement	Nos.	30		
	Ground Floor	Nos.	31		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	8		
	Second Floor	Nos.	7		
	Third Floor	Nos.	4		
2.6	Supply, Installation, testing and Commissioning of Wiring for **3Pin, 15A Socket Outlet** with 2x4 sq.mm. + 1x4 Sqmm as ECC single core PVC insulated wires in PVC conduit of suitable size recessed in wall, column, ceiling or under floor etc., complete with all conduit accessories as per specification, drawings and site conditions.				
	Basement	Nos.	30		
	Ground Floor	Nos.	23		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	8		
	Second Floor	Nos.	7		
	Third Floor	Nos.	4		
2.7	Supply, Installation, testing and Commissioning of Wiring for **3Pin, 20A Socket Outlet** with 2x4 sq.mm. + 1x4 Sqmm as ECC single core PVC insulated wires in PVC conduit of suitable size recessed in wall, column, ceiling or under floor etc., complete with all conduit accessories as per specification, drawings and site conditions.				
	Basement	Nos.	2		
	Ground Floor	Nos.	6		
	Intermediate Floor	Nos.	-		
	First Floor	Nos.	2		

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	Second Floor	Nos.	2		
	Third Floor	Nos.	-		
	TOTAL OF SECTION "C" Rs:				
SECTION-D : (LIGHT FITTINGS AND FIXTURES)					
ED-01	Providing, Installing, connecting, testing and commissioning of recessed type **1 x 36 Watt LED Batten Light, 12000mm, 4000K. Model no: NBT496A (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
1.1	Basement Floor	No.	20		
1.2	Ground Floor	No.	4		
1.3	Intermediate Floor	No.	-		
1.4	First Floor	No.	-		
1.5	Second Floor	No.	-		
1.6	Third Floor	No.	6		
ED-02	Providing, Installing, connecting, testing and commissioning of **1' x 1' 24 Watt LED Smart Light (Recessed Type)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
2.1	Basement Floor	No.	2		
2.2	Ground Floor	No.	4		
2.3	Intermediate Floor	No.	2		
2.4	First Floor	No.	2		
2.5	Second Floor	No.	2		
2.6	Third Floor	No.	-		
ED-03	Providing, Installing, connecting, testing and commissioning of **2' x 2' 40 Watt LED Smart Panel Light (Recessed Type) Model no: NPNLED 4514 (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
3.1	Basement Floor	No.	70		
3.2	Ground Floor	No.	-		
3.3	Intermediate Floor	No.	-		
3.4	First Floor	No.	2		
3.5	Second Floor	No.	2		
3.6	Third Floor	No.	-		
ED-04	Providing, Installing, connecting, testing and commissioning of **1' x 4' 12 Watt LED Smart Panel Light (Recessed Type) Model no: NPNLED 4513 (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
4.1	Basement Floor	No.	-		
4.2	Ground Floor	No.	16		
4.3	Intermediate Floor	No.	-		
4.4	First Floor	No.	-		
4.5	Second Floor	No.	-		
4.6	Third Floor	No.	-		

Executive Engineer Provincial Building Division No.II GOVT. OF SINDH KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
ED-05	Providing, Installing, connecting, testing and commissioning of **1 x 12 Watt LED Spot Light (Recessed Type) Model no: NDL2016M (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
5.1	Basement Floor	No.	187		
5.2	Ground Floor	No.	133		
5.3	Intermediate Floor	No.	-		
5.4	First Floor	No.	-		
5.5	Second Floor	No.	50		
5.6	Third Floor	No.	-		
ED-06	Providing, Installing, connecting, testing and commissioning of **1 x 15 Watt LED Down Light (Recessed Type) Model no: NDLLED 9295 (NVC)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
6.1	Basement Floor	No.	67		
6.2	Ground Floor	No.	71		
6.3	Intermediate Floor	No.	32		
6.4	First Floor	No.	42		
6.5	Second Floor	No.	52		
6.6	Third Floor	No.	12		
ED-07	Providing, Installing, connecting, testing and commissioning of **1 x 18 Watt LED Spot Light Model no: NLED 1103 (NVC)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
7.1	Basement Floor	No.	20		
7.2	Ground Floor	No.	-		
7.3	Intermediate Floor	No.	-		
7.4	First Floor	No.	-		
7.5	Second Floor	No.	-		
7.6	Third Floor	No.	-		
ED-08	Providing, Installing, connecting, testing and commissioning of **1 x 25 Watt LED Spot Light Model no: NLED 1103 (NVC)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
8.1	Basement Floor	No.	99		
8.2	Ground Floor	No.	-		
8.3	Intermediate Floor	No.	-		
8.4	First Floor	No.	-		
8.5	Second Floor	No.	-		
8.6	Third Floor	No.	-		
ED-09	Providing, Installing, connecting, testing and commissioning of **1 x 35 Watt LED Spot Light Model no: NLED 1104 (NVC)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
9.1	Basement Floor	No.	-		
9.2	Ground Floor	No.	-		
9.3	Intermediate Floor	No.	-		

Executive Engineer Provincial Building Division No. II GOVT. OF SINDH. KARACHI.

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
9.4	First Floor	No.	-		
9.5	Second Floor	No.	-		
9.6	Third Floor	No.	-		
9.7	Roof	No.	211		
ED-10	Providing, Installing, connecting, testing and commissioning of **1 x 35 Watt Track Light Model no: TLED 317 (NVC)**approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
10.1	Basement Floor	No.	6		
10.2	Ground Floor	No.	-		
10.3	Intermediate Floor	No.	-		
10.4	First Floor	No.	-		
10.5	Second Floor	No.	-		
10.6	Third Floor	No.	14		
ED-11	Providing, Installing, connecting, testing and commissioning of **1 x 12 Watt LED Step Light Model no: NWLED 5563 (NVC)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
11.1	Basement Floor	No.	40		
11.2	Ground Floor	No.	89		
11.3	Intermediate Floor	No.	-		
11.4	First Floor	No.	-		
11.5	Second Floor	No.	74		
11.6	Third Floor	No.	-		
ED-12	Providing, Installing, connecting, testing and commissioning of **2 x 10.5 Watt LED Pacific Light Model no: NWP498 (NVC)** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
12.1	Basement Floor	No.	8		
12.2	Ground Floor	No.	38		
12.3	Intermediate Floor	No.	-		
12.4	First Floor	No.	18		
12.5	Second Floor	No.	18		
12.6	Third Floor	No.	-		
ED-13	Providing, Installing, connecting, testing and commissioning of recessed type **1 x 8 Watt LED Mirror Light** approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
13.1	Basement Floor	No.	2		
13.2	Ground Floor	No.			
13.3	Intermediate Floor	No.			
13.4	First Floor	No.			
13.5	Second Floor	No.			
13.6	Third Floor	No.			

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
ED-14	Providing, Installing, connecting, testing and commissioning of **LED Rope lights Model no: LED H5050 (NVC)** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
14.1	Basement Floor	Mtr	654		
14.2	Ground Floor	Mtr	77		
14.3	First Floor	Mtr	–		
14.4	Second Floor	Mtr	–		
14.5	Third Floor	Mtr	–		
14.6	Roof	Mtr	548		
ED-15	Providing, Installing, connecting, testing and commissioning of recessed type **Emergency Light (Recessed Type) Model no: EPE-EM3-ST-AT) 3W Maintained Type, 3 Hrs Built-in Battery Bank Kit** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect.				
15.1	Basement Floor	No.	43		
15.2	Ground Floor	No.	29		
15.3	Intermediate Floor	No.	5		
15.4	First Floor	No.	9		
15.5	Second Floor	No.	12		
15.6	Third Floor	No.	5		
15.7	Roof	No.	3		
ED-16	Providing, Installing, connecting, testing and commissioning of recessed type **Entry/Exit Light (Surface Type) Model no: EPE-EM6-ST-AT) 3W Maintained Type, 3 Hrs Built-in Battery Bank Kit** or approved equivalent as per specification, upto the entire satisfaction of Client/Consultant, complete in all respect				
16.1	Basement Floor	No.	12		
16.2	Ground Floor	No.	8		
16.3	Intermediate Floor	No.	5		
16.4	First Floor	No.	2		
16.5	Second Floor	No.	4		
16.6	Third Floor	No.	4		
ED-17	Providing, Installing, testing and commissioning of **24"x24"-40 Watt circumatic Fan** of **Pak Fan** or approved equivalent with Dimmer control as per specification and drawings required upto the entire satisfaction of Client/Consultant, complete in all respect.				
17.1	Basement Floor	No.	1		
17.2	Ground Floor	No.	9		
17.3	Intermediate Floor	No.	1		
17.4	First Floor	No.	2		
17.5	Second Floor	No.	2		
17.6	Third Floor	No.	-		
ED-18	Providing, Installing, testing and commissioning of **48" Ceiling Fan** of **Pak Fan** or approved equivalent with Dimmer control as per specification and drawings required upto the entire satisfaction of Client/Consultant, complete in all respect.				
18.1	Basement Floor	No.	2		
18.2	Ground Floor	No.	-		

Executive Engineer Provincial Buildings Division-II Karachi
Govt of Sindh

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
18.3	Intermediate Floor	No.	-		
18.4	First Floor	No.	-		
18.5	Second Floor	No.	-		
18.6	Third Floor	No.	-		
	TOTAL OF SECTION "D" RS:				
SECTION-H : (LIGHTING CONTROL SYSTEM)					
EH-01	Providing, Testing, Commissioning and Laying of **KNX Belden Cable** in 20mm Ø PVC conduit with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all respect				
1.1	Basement Floor	Lot	1		
1.2	Ground Floor	Lot	1		
1.3	Intermediate Floor	Lot	-		
1.4	First Floor	Lot	-		
1.5	Second Floor	Lot	1		
1.6	Third Floor	Lot	-		
EH-02	Providing, Installing, Testing and Commissioning of **KNX 12 Channel Relay** (16A/Channel) Clipsal By Schneider Electric Intelligent Relay Module, for independent switching of 12 loads. The 12 channel shall support up to 16A per channel. All 230V switch outputs can be operated with manual switches. The communication interface is KNX Belden Cable, which is based on KNX protocol or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
2.1	Basement Floor	Nos.	2		
2.2	Ground Floor	Nos.	2		
2.3	Intermediate Floor	Nos.	-		
2.4	First Floor	Nos.	-		
2.5	Second Floor	Nos.	-		
2.6	Third Floor	Nos.	-		
EH-03	Providing , Installing, Testing and Commissioning of **KNX 8 Channel Relay** (16A/Channel) Clipsal By Schneider Electric Intelligent Relay Module, for independent switching of 8 loads. The 8 channel shall support up to 16A per channel. All 230V switch outputs can be operated with manual switches. The communication interface is KNX Belden Cable, which is based on KNX protocol or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
3.1	Basement Floor	Nos.	-		
3.2	Ground Floor	Nos.	-		
3.3	Intermediate Floor	Nos.	-		
3.4	First Floor	Nos.	-		
3.5	Second Floor	Nos.	1		
3.6	Third Floor	Nos.	-		

Executive Engineer Provincial Buildings Division-II Karachi
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ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EH-04	Providing , Installing, Testing and Commissioning of **KNX Power Supply** Clipsal By Schneider Electric KNX Power Supply shall provide the bus voltage for one line to KNX devices or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
4.1	Basement Floor	Nos.	1		
4.2	Ground Floor	Nos.	1		
4.3	Intermediate Floor	Nos.	-		
4.4	First Floor	Nos.	-		
4.5	Second Floor	Nos.	1		
4.6	Third Floor	Nos.	-		
EH-05	Providing , Installing, Testing and Commissioning of **KNX Multi Touch Pro** Clipsal By Schneider Electric Comfortable room controller for controlling up to 32 room functions. All functions are displayed on a touch screen. The user chooses from 3 interface designs that can be freely assigned to the room functions or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
5.1	Basement Floor	Nos.	2		
5.2	Ground Floor	Nos.	2		
5.3	Intermediate Floor	Nos.	-		
5.4	First Floor	Nos.	-		
5.5	Second Floor	Nos.	1		
5.6	Third Floor	Nos.	-		
EH-06	Providing , Installing, Testing and Commissioning of **Wiser for KNX** Clipsal By Schneider Electric Module for Visualization and central control solution through TCP/IP. Module for integration of KNX to IP and operation over Wifi from any corner or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
6.1	Basement Floor	Nos.	1		
6.2	Ground Floor	Nos.	-		
6.3	Intermediate Floor	Nos.	-		
6.4	First Floor	Nos.	-		
6.5	Second Floor	Nos.	1		
6.6	Third Floor	Nos.	-		
	TOTAL OF SECTION "H" RS:				
	NOTE: ALL CABLE LENGTHS ARE TENTATIVE AND SUBJECT TO ACTUAL EXECUTION AND FINAL MEASUREMENT				
	GRAND TOTAL OF SECTION "B" + "C" + "D" + "H" RS.				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST

(HV AUTOMATION SYSTEM)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
I.	HV AUTOMATION SYSTEM	
	GRAND TOTAL RS.	

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

CONVENTION CENTRE
BOQ
(HV AUTOMATION SYSTEM)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION - I : (HV AUTOMATION SYSTEM)					
DISPLAY SYSTEM					
EI-01	Providing, Testing, Commissioning and Laying of AV System, wired with **CAT-6 UTP, HDMI, VGA Cable of Clipsal / Extron / QED** in appropriate size of PVC conduit with all accessories such as junction boxes etc etc as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
1.1	Basement Floor	Lot.	1		
1.2	Ground Floor	Lot.	-		
1.3	Intermediate Floor	Lot.	-		
1.4	First Floor	Lot.	-		
1.5	Second Floor	Lot.	1		
1.6	Third Floor	Lot.	-		
EI-02	Providing, Testing, Commissioning of **Multimedia Projector Aspect ratio 16:9, 4200 Limens, WXGA. (Brand: NEC or equivalent) (Model: NP-PX1004UL)** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all respect				
2.1	Basement Floor	Nos.	1		
2.2	Ground Floor	Nos.	-		
2.3	Intermediate Floor	Nos.	-		
2.4	First Floor	Nos.	-		
2.5	Second Floor	Nos.	1		
2.6	Third Floor	Nos.	-		
EI-03	Providing, Testing, Commissioning of **Project Mount (Brand: Chinese or equivalent))** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all respect.				
3.1	Basement Floor	Nos.	1		
3.2	Ground Floor	Nos.	-		
3.3	Intermediate Floor	Nos.	-		
3.4	First Floor	Nos.	-		
3.5	Second Floor	Nos.	1		
3.6	Third Floor	Nos.	-		
EI-04	Providing, Testing, Commissioning of **Motorized Projection Screen with switch and remote control - 774 x 441cm 16:9 (Brand: Chinese or equivalent))** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in				
4.1	Basement Floor	Nos.	1		
4.2	Ground Floor	Nos.	-		
4.3	Intermediate Floor	Nos.	-		
4.4	First Floor	Nos.	-		
4.5	Second Floor	Nos.	-		
4.6	Third Floor	Nos.	-		
EI-05	Providing, Testing, Commissioning of **Motorized Projection Screen with switch and remote control -6' x 8' (Brand: Chnese or equivalent))** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all				
5.1	Basement Floor	Nos.	-		

Executive Engineer Provincial Buildings Division-II Karachi
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ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
5.2	Ground Floor	Nos.	-		
5.3	Intermediate Floor	Nos.	-		
5.4	First Floor	Nos.	-		
5.5	Second Floor	Nos.	1		
5.6	Third Floor	Nos.	-		
DIGITAL MEDIA INTERFACE					
EI-06	Providing, Testing, Commissioning of **Wall/Table Plate with HDMI, Stereo and VGA Connection (Brand: Extron or equivalent)) (Model: WPB 109)** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all				
6.1	Basement Floor	Nos.	1		
6.2	Ground Floor	Nos.	-		
6.3	Intermediate Floor	Nos.	-		
6.4	First Floor	Nos.	-		
6.5	Second Floor	Nos.	1		
6.6	Third Floor	Nos.	-		
EI-07	Providing, Testing, Commissioning of **Wireless Mirroring Box (Brand: Maxhub or equivalent)) (Model: WB01)** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all				
7.1	Basement Floor	Nos.	1		
7.2	Ground Floor	Nos.	-		
7.3	Intermediate Floor	Nos.	-		
7.4	First Floor	Nos.	-		
7.5	Second Floor	Nos.	1		
7.6	Third Floor	Nos.	-		
EI-08	Providing, Testing, Commissioning of **Four Input Scaler (Brand: Extron or equivalent)) (Model: IN 1604 HD)** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all				
8.1	Basement Floor	Nos.	1		
8.2	Ground Floor	Nos.	-		
8.3	Intermediate Floor	Nos.	-		
8.4	First Floor	Nos.	-		
8.5	Second Floor	Nos.	1		
8.6	Third Floor	Nos.	-		
CONTROL SYSTEM					
EI-09	Providing, Testing, Commissioning of **Series Control Processor (Brand: Crestron or equivalent)) (Model: CP4)** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all respect.				
9.1	Basement Floor	Nos.	1		
9.2	Ground Floor	Nos.	-		
9.3	Intermediate Floor	Nos.	-		
9.4	First Floor	Nos.	-		
9.5	Second Floor	Nos.	1		
9.6	Third Floor	Nos.	-		
EI-10	Providing, Testing, Commissioning of **iPad with Crestron Application Installed (Brand: Apple or equivalent))** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all				
10.1	Basement Floor	Nos.	1		
10.2	Ground Floor	Nos.	-		
10.3	Intermediate Floor	Nos.	-		
10.4	First Floor	Nos.	-		
10.5	Second Floor	Nos.	1		
10.6	Third Floor	Nos.	-		

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EI-11	Providing, Testing, Commissioning of **IR Emitters (Brand: Crestron or equivalent)) (Model: IRP2)** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant, complete in all				
11.1	Basement Floor	Nos.	1		
11.2	Ground Floor	Nos.	-		
11.3	Intermediate Floor	Nos.	-		
11.4	First Floor	Nos.	-		
11.5	Second Floor	Nos.	1		
11.6	Third Floor	Nos.	-		
EI-12	Providing, Testing, Commissioning of **KNX Gateway (Brand: Crestron or equivalent)) (Model: CI-KNX)** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant. complete in all				
12.1	Basement Floor	Nos.	1		
12.2	Ground Floor	Nos.	-		
12.3	Intermediate Floor	Nos.	-		
12.4	First Floor	Nos.	-		
12.5	Second Floor	Nos.	1		
12.6	Third Floor	Nos.	-		
NETWORK DEVICES					
EI-13	Providing, Testing, Commissioning of **Wireless Router (Brand: TP Link or equivalent))** with all accessories as shown in drawing up to the entire satisfaction of Client and Consultant. complete in all respect.				
13.1	Basement Floor	Nos.	1		
13.2	Ground Floor	Nos.	-		
13.3	Intermediate Floor	Nos.	-		
13.4	First Floor	Nos.	-		
13.5	Second Floor	Nos.	1		
13.6	Third Floor	Nos.	-		
EQUIPMENT INSTALLATION					
EI-14	**Designing, Crestron Programming, Installation, Testing and Commissioning** by Manufacturer Authorised Agent / Dealer and handing over of complete AV Automation System to Owner with providing training, SOP, complete equipment's manual and warranty documents to owners representative.	Job.	1		
	GRAND TOTAL RS:				
NOTE: ALL CABLE LENGTHS ARE TENTATIVE AND SUBJECT TO ACTUAL EXECUTION AND FINAL MEASUREMENT					

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

OFFICE & ACADEMIC BLOCK

SUMMARY OF COST
(AIRCONDITIONING SYSTEM)

SR. NO.	BOQ ITEMS	AMOUNT Pak Rs.
1.	COST OF AIRCONDITIONING SYSTEM	
	TOTAL	

OFFICE & ACADEMIC BLOCK

BOQ
(AIRCONDITIONING SYSTEM)

S. No	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
SECTION-B: VRF BASED UNIT DETAIL					
	OUTDOOR UNITS				
AC-01	Providing & Installation of 1.5 Ton Split Type Air Conditioning Units. Complete in all respect as per directions of Engineer/Consultant including Wiring works, Copper Piping, Civil Works, Testing, Commissioning & all other related works.	Nos.	10		
	GRAND TOTAL IN PAK RS.				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST

(HVAC SYSTEM)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1.	COST OF HVAC SYSTEM	
	TOTAL	

CONVENTION CENTRE

BOQ
(HVAC SYSTEM)

S. NO.	DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
SECTION-A: CHILLER					
AC-01	Supply and Installation of Air-Cooled Chillers, as shown on the drawings, as specified in equipment schedule and as per accessories, complete in all respect and to the satisfaction of Engineer incharge.				
1.1	Air-Cooled Chillers	Nos	3		
AIR HANDLING UNITS					
AC-02	Supply and Installation of Air Handling Unit Including Industrial grade vibration isolator pad, control wring from Controller, Chilled water inlet & outlet connections, drain connection etc as per technical specifications including all labour, material and accessories complete in all respect and to the satisfaction of engineer incharge.	Lot	1		
PUMPS					
AC-03	Supply and Installation of owner supplied Centrifugal Chilled, Condenser and hot water pumps for water Circulation including RCC inertia block, industrial grade air cushion vibration isolators, complete in all respects ready to operate.				
3.1	**Chilled Water Pumps**	No.s	8		
G.I DUCTING					
AC-04	Supply, Fabrication and installation of machine made hot dip G.I. sheet metal duct for different sections of supply/return air including labour, material accessories, teea, transition pieces, plenums, splitter dampers, guide vanes, access door, transformation, plenums chambers complete in all respects and to the satisfaction of engineer incharge.	Job	1		
DUCT INSULATION					
AC-05	Supply & installation of fiber glass (density: 24Kg/m3) insulation for G.I. sheet metal duct work wrapped with vapor barrier protected with canvas clothing then painted with antifungus paint and also including labour, material & accessories complete in all respect as per specification and to the satisfaction of engineer incharge.	Job	1		
DUCT CLADING					
AC-06	Supply and installation of 26 gage G.I sheet cladding on exposed insulated duct work complete in all respect and to the satisfaction of engineer incharge.	Job	1		
M.S. PIPING					
AC-07	Supply and Installation, testing and commissioning of SCH 40 M.S pipes (As per ASME & API standard, with standard SCH 40 wall thickness & weight) for chilled water supply & return including elbows, bends, tees, reducers, union, flanges with complete fittings as per technical specifications including labour, material accessories, complete in all respects and to the satisfaction of engineer incharge.	Job	1		

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

S. NO.	DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
PIPE INSULATION					
AC-08	Supply & installation of premoulded rigid poly-urethane insulation (Density 64 Kg/m^3) for Chilled Water pipes, bends, tees, union, sockets, valves as per technical specifications including labour and material accessories, complete in all respect and to the satisfaction of engineer incharge.	Job	1		
VALVES					
AC-09	Supply & installation, testing and commissioning of Valves including labour and material accessories complete in all respects ready to operate as per specifications and to the satisfaction of engineer incharge.	Job	1		
AIR DEVICES					
AC-10	Supply and installation of Aluminium powder coated fabricated grilles, Diffusers and register for supply and return air as specified in technical specifications including all labour, material and accessories, complete in all respect and to the satisfaction of Engineer Incharge.	Job	1		
WATER TREATMENT CHEMICAL					
AC-11	Supply of Chemical required for one year operation of chilled & Cooling water circuit including Initial Flushing Initial Dozing & maintaining dozing for one year plant operation.	Job	1		
CHEMICAL FEEDER FOR CHILLED WATER.					
AC-12	Supply, installation, testing and commissioning of By pass chemical feeder for Chilled Water with inlet / outlet connections including gate valves, funnel for chemical feeding complete in all respects ready to operate as per schedule, specifications.	Job	1		
ELECTRIC CONTROL BOARD					
AC-13	Supply & installation testing and commissioning of Motor Control Center, (MCCs) complete in all respects including weather proof sheet metal cabinet, bus bars, internal wiring, earth strip, connector strip, MCB, MCCB, control fuses, magnetic contactor as per specification.	Job	1		
ELECTRIC WIRING					
AC-14	Supply, laying and installation of Power Cabling form main control panel to A/C equipment & sub panels of rated size complete in all respects including connectors, tagging of cables, weather proof enclosure with isolator switch as per specification.	Job	1		
BMS SYSTEM					
AC-15	Supply & Installation of Building Management System compatible with BACnet Controllers of complete HVAC system readily in operation as per requirement and consulatant instruction.	Job	1		
PRESSSURIZED EXPANSION TANK					
AC-16	Pressurized Expansion tank and air separator for chilled / hot water system complete with accessories.	Job	1		
CABLE TRAY					

S. NO.	DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
AC-17	Supply, laying and installation of Cable tray for above mentioned cables from MCC to different Air Conditioning units complete in all respects including supports, angle iron frame, CC base etc ready to operate as per specification, drawings	Job	1		
AIR & WATER BALANCING					
AC-18	Air and water balancing of complete system.	Job	1		
TESTING & COMMISSIONING					
AC-19	Testing & commissioning of complete A.C. System.	Job	1		
SHOP DRAWINGS					
AC-20	Providing Shop Drawings and As Built Drawings in A1 size with Electronic Copies, as specified in technical specifications, as advised by the Consultant, complete in all respect.	Job	1		
CONTINGENCY ITEMS					
AC-21	Misc. Contingency Items not mentioned or overlooked but required at site to complete & successful execution work as recommended by manufacturer time to time or as suggested by consultant.	Job	1		
	TOTAL OF SECTION-A IN PAK RS.				

N.B. :

1- The Contractor shall be paid for the actual quantities of work executed by him ascertained by measurements in accordance with the contract.

2- The Employer may opt to supply any of the materials at site free of cost to the Contractor. The cost of such items shall be deleted from the contract cost. The Contractor shall be responsible for careful storage and consumption of these materials and will be also responsible for any lose or damage thereto. All surplus materials on completion of the installtion shall be handed back to the Employer by the Contractor.

3- The Employer may opt to delete any item or increase the quantity of certain items. The cost of deleted items shall be deleted from the Contract cost. The Rates quoted shall be firm for the duration of the Contract and the increased/decreased quantities of the items shall be adjusted as per rates quoted.

4- **a)** Incase of air ducting work, the payment for ducting and duct thermal insulation whose rates are given on per sqft basis shall be on basis of surface area of sheet metal duct. Reducers shall measured at average size and bends, elbow, etc. at the centre line radius.

b) In case of piping and piping thermal insulation, the payment shall be on Rft basis measured at the centre line of piping at the rate given according to diameter of piping.

5- The work shall be executed in accordance with the drawings, including manufacturers' drawings and conform with the Tender Specifications complete in all respects as required and to the entire satisfication of the Engineer/Consultants.

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ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST

(GENERATOR)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
A.	STANDBY DIESEL GENERATING SET	
	GRAND TOTAL RS.	

CONVENTION CENTRE
BOQ
(GENERATOR)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION - A : STANDBY DIESEL GENERATING SET					
EA-01	Providing FOR Karachi of **1000 KVA Prime Power rated Diesel Generator** in **imported cannopy MODEL AKSA APD1100C** or **approved equivalent** & conforming to specification, ready wired & factory assembled, up to the entire satisfaction of Client/Consultant, complete in all respect.	Nos.	1		
EA-02	Preparation and Construction of **RCC foundation (PAD) for 1000 KVA Standby Diesel Generator** Construction class "C" concrete, Water resistance Chemical, water proofing material applied on structure surfaces, Concealed below FGL / FFL, Pad size **as per recommendation of the manufacturer**, (For other installation detail refer to Electrical and Structural drawing or as directed by the consultant), up to the entire satisfaction of engineer and client. Complete in all respects.	Nos.	1		
EA-03	Providing FOR site, Installing, Testing and commissioning of **Free Standing Floor Mounted, totally Enclosed, Cubical type, Low Voltage Synch Panel** of ELECTRECH / LIBRA ENGINEERING or approved equivalent, made of heavy sheet steel of 2.15 mm thick, ready wired and factory assembled anticorrosive/ powder coated floor/surface mounting for A.C system voltage 400/230V, 50 Hz having 3 phase, Neutral and earth bus of HDHC tinned copper conductors respectively, conforming to specification & drawings, ready to install up to the entire satisfaction of Client / Consultant, complete in all respects.	Job	1		
EA-04	Same as item no 01 above but Supplying recommended spares for 1000 Operational Hour's complete in all respect.	Lot	1		
EA-05	Instalation, testing & commissioning of 2 nos. Diesel Generators on already prepeared RCC Foundation complete in all respect.	Job	1		
EA-06	Providing and getting of NOC and test reports with required Energy Meters with all legal formalities etc, complete in all respect.	Job	1		
	GRAND TOTAL RS:				

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CONVENTION CENTRE, OFFICES & ACADEMIC BLOCKS

SUMMARY OF COST
(FIREFIGHTNG SYSTEM)

SR. NO.	BOQ ITEMS	AMOUNT PAK RS.
1.	COST OF FIREFIGHTING SYSTEM	
	TOTAL	

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BOQ
(FIREFIGHTNG SYSTEM)

S. NO.	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION - 01, FIRE FIGHTING SYSTEM					
	Supply, installation, testing & commissioning of fire hydrant system including all equipment, pipe works and accessories ready to operate as per specifications, drawings and instructions of Consultants.	Job.	1		
1.1	Fire hose cabinet double height 32" x 60" x 14", stainless steel front, powder coated back including 1" dia x 100 Rft. rubber hose reel, nozzle guide, gate valve, pressure regulating valve (max. pressure 3.0 Bars) manual operation 180 deg. swing type, with 2-1/2" dia size landing valve, with PRV 2-Fire Extinguishers as shown on drawing.				
	Type FHC-LV	No.	19		
1.2	Fire department breeching connection 2 ways as per BSS 5041-3 including cabinet with breakable glass, SS frame & drain plug.	No.	1		
1.3	2-ways roof manifold, 2 x 2-1/2" size outlet with hydrant valve and quick connection blank cap with chain, 4" size inlet connection, complete in all respects ready to operate.	No.	4		
1.4	HDPE-Pipe (PN-16) for buried / under ground Fire Hydrant including excavation, making bed back filling, removing of surplus materials.				
	ii. 6" dia (OD 200mm)	Rft.	600		
1.5	MS Sch-40 seamless pipes including all specials, flanges, coupling, masking plates, bends, tees, clamps, supports and hangers, sleeves, masking plates chiseling, cutting holes, making good excavation backfilling where required, painting and protection treatment etc. Complete in all respects.				
i	1" dia	Rft.	4,432		
ii.	1-1/4" dia	Rft.	699		
iii.	1-1/2" dia	Rft.	614		
vi.	2" dia	Rft.	1,660		
v.	2-1/2" dia	Rft.	730		
vi.	3" dia	Rft.	40		
vii.	4" dia	Rft.	1,070		
1.6	Pressure relief valve size 4" dia	No.	1		
1.7	Automatic air relief valve, 1" connection	Nos.	4		
1.8	OS & Y gate valve with matching flanges.				
	i. 4" dia	No.	1		
1.9	ii. 6" dia	No.	1		
0.1	Alarm Check valve assembly with alarm gong and pipe work. With retarding chamber				
	i- 6" size	No.	1		
	Sprinkler Heads				
2.1	i. Sprinkler pendant with cover K = 5.6	No.	524		
2.2	Automatic Dry Powder Fire Extinguisher 10 KG	No.	8		
2.5	**Zone Control Valve assembly complete with following.**				
	i. UL Listed Pressure reducing valve (PRV)				
	ii. OS & Y Gate valve with Tempering Switch				
	iii. Pressure Gauge				
	iv. Water flow switch				

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S. NO.	DESCRIPTION	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
	v. 1-1/4" dia test valve with sight glass & sectional drain valve. 2-1/2" dia	Job.	25		
2.6	Fire Pumps Set comprising of 1 No. multistage in line Jockey Pump + 1 No. main horizontal pump with electrical motor + 1 No. Standby horizontal pump with diesel engine, diesel storage tank including pump controllers mounted on common MS skid, inter connecting pipes, wiring, OS & Y gate valve, 4" pressure relief valve Check valves, Dry Run Protection and accessories as per requirement of NFPA 20, as per drawings and engineer instruction. (FLOW = 500 GPM @ 8.0 BAR HEAD).	Set.	1		
2.7	Supervisory Fire Control Panel for sensing and monitoring of flow and monitoring Zone Control Valves, OS&Y valves switching with true alarm including batteries and charger (UL listed).	Job.	1		
2.8	MS insulated Diesel Engine Flue pipe up to outside the building as per Consultant's approval.	Job.	1		
2.9	Allied electrical work including power cables to pumps motors, control cables and wires from sensing monitoring and indicating devices and switches to Electrical Control Panel and Fire Control Panel and supervisory switch including GI/PVC conduits and tray, termination, luxes and all accessories complete in all respect.	Job.	1		
2.10	Painting, identification and tagging to the installations and equipments.	Job.	1		
2.11	Flushing of entire fire pipe work according to (NFPA-13).	Job.	1		
	TOTAL OF FIRE FIGHTING SYSTEM IN PKR				

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CONVENTION CENTRE, OFFICES & ACADEMIC BLOCKS

SUMMARY OF COST

(PUBLIC ADDRESS SYSTEM)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
G.	PUBLIC ADDRESS SYSTEM	
	GRAND TOTAL RS.	

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CONVENTION CENTRE, OFFICES & ACADEMIC BLOCKS

BOQ

(PUBLIC ADDRESS SYSTEM)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION-G: (PUBLIC ADDRESS SYSTEM)					
EG-01	Providing, laying, testing & commissioning of complete Sound System wired with 2C, 2.5 Sq.mm flexible Speaker Cable in 25mm Ø PVC conduit with all accessories such as junction boxes , sockets etc etc recessed in wall / floor . Complete in all respect as per entire satisfaction of Client and Consultant.				
1.1	Basement Floor	Lot	1		
1.2	Ground Floor	Lot	1		
1.3	Intermediate Floor	Lot	1		
1.4	First Floor	Lot	1		
1.5	Second Floor	Lot	1		
1.6	Third Floor	Lot	1		
BASEMENT AUDITORIUM					
EG-02	Providing , Installing, Testing and Commissioning of **200W Line Array Speakers with 8 ohm rated impedance and matching transformer (Model# HX-5) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-03	Providing , Installing, Testing and Commissioning of **Subwoofer 600 Watts 38cm cone type (Model# FB150) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-04	Providing , Installing, Testing and Commissioning of **180W Continuous Projram @ 8 Ohm Slim Line Array Type Speaker base reflex (Model# SR-H2) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-05	Providing, Installing, Testing and Commissioning of **480W Continuous Program @ 8 Ohm Bass reflex type floor monitor Speaker, 99dB (1W 1m) (Model# SR-M05L) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-06	Providing, Installing, Testing and Commissioning of **Wireless Microphone Handset Type (Model# WS-5325 + WH-4000) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-07	Providing, Installing, Testing and Commissioning of **Wireless Microphone Hand Type (Model# WS-5225) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		

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ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EG-08	Providing, Installing, Testing and Commissioning of **Desktop Gooseneck Microphone (Model# EM-380) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	3		
EG-09	Providing, Installing, Testing and Commissioning of **Wireless Anenna (Model# YM-4500) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-10	Providing, Installing, Testing and Commissioning of **Power Amplifier power consumption 2000W, 4channel: 1000Wx4 output (4 Ohm) LED indicator for protect clip, Signal (Model# DA 1000F) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-11	Providing, Installing, Testing and Commissioning of **480W Mixer Amplifier, 2-Speaker zone, 7 MIC/Line input, 5-point LED output level meter, each input separate volume control, master volume, Built-in chime (Model# A-3648D) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-12	Providing, Installing, Testing and Commissioning of **Digital Stereo Mixer with FBS, ARC, Ducker function, having 8mic & 8Aux input, 4 channel output, having network connectivity, remote station paid optional (Remote connection option, I paid input option) 31 band EQ setting for each channel (Model# M864D) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-13	Providing, Installing, Testing and Commissioning of **MP3 CD Player, USB, FM, Model# 2011R** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-14	Providing, installation, testing and commissioning of **27U P.A rack with PDU** as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-15	Providing, installation, testing and commissioning of **Interconnection Jack / Lead** as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	4		
EG-16	Installation, Testing , Commissioning and Programming by Manufacturer Authorised Agent / Dealer and handing over complete Public Address system to owner with providing training, SOP, complete equipment's manual and warranty documents to Owner's Representative.	Job.	1		
BASEMENT MULTIPURPOSE HALL & FLOORS CORRIDOOR					

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EG-17	Providing , Installing, Testing and Commissioning of **120W Digital Mixer Ampilifer, Software Eco 3 MIC/Line input, 5-point led output level meter, each input separate volume control, Master volume, Built-in chime (Model# A-3648D)** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-18	Providing , Installing, Testing and Commissioning of **60W Mixer Amplifier, 3 MIC/Line input, output level single LED, each input separate volume control, master volume (Model# A-2060) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-19	Providing , Installing, Testing and Commissioning of **6W 2 Way Ceiling Monted Speaker, built-in twiter transformer, 89dB SPL, 50- 20K Hz (-20 dB) (Model# F-2352SC) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant. complete in all respect.				
19.1	Basement Floor	Nos.	20		
19.2	Ground Floor	Nos.	12		
19.3	Intermediate Floor	Nos.	4		
19.4	First Floor	Nos.	4		
19.5	Second Floor	Nos.	4		
19.6	Third Floor	Nos.	4		
EG-20	Providing, Installing, Testing and Commissioning of **Wireless Microphone Handset Type (Model# WS-5325 + WH-4000) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-21	Providing, Installing, Testing and Commissioning of **Wireless Microphone Hand Type (Model# WS-5225) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-22	Providing, Installing, Testing and Commissioning of **Desktop Gooseneck Microphone (Model# EM-380) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant. complete in all respect.	Nos.	2		
EG-23	Providing, Installing, Testing and Commissioning of **MP3 CD Player, USB, FM, Model# 2011R** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-24	Providing, installation, testing and commissioning of **15U P.A rack with PDU** as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		

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ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EG-25	Providing, installation, testing and commissioning of **Interconnection Jack / Lead** as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	4		
EG-26	Installation, Testing, Commissioning and Programming by Manufacturer Authorised Agent / Dealer and handing over complete Public Address system to owner with providing training, SOP, complete equipment's manual and warranty documents to Owner's Representative.	Job.	1		
GROUND FLOOR - CONVENTION CENTER					
EG-27	Providing , Installing, Testing and Commissioning of **Varaiable Dispersion Line Array Speakers 750 Watts Base Reflex type, SPL 100dB (1W 1m) Model# HX-7 (TOA)** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	4		
EG-28	Providing , Installing, Testing and Commissioning of **Subwoofer 600 Watts 38cm cone type (Model# FB150) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-29	Providing , Installing, Testing and Commissioning of **30W 2Way Ceiling Mounted Speakers, built-in twiter transformer, 89dB SPL, 50-20K Hz (20 dB) (Model# F-2352C) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-30	Providing , Installing, Testing and Commissioning of **180W Continuous Projram @ 8 Ohm Slim Line Array Type Speaker base reflex (Model# SR-H2) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	8		
EG-31	Providing, Installing, Testing and Commissioning of **480W Continuous Program @ 8 Ohm Bass reflex type floor monitor Speaker, 99dB (1W 1m) (Model# SR-M05L) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-32	Providing, Installing, Testing and Commissioning of **Wireless Microphone Handset Type (Model# WS-5325 + WH-4000) TOA** or approved equivalent ,as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-33	Providing, Installing, Testing and Commissioning of **Wireless Microphone Hand Type (Model# WS-5225) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		

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ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EG-34	Providing, Installing, Testing and Commissioning of **Desktop Gooseneck Microphone (Model# EM-380) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-35	Providing, Installing, Testing and Commissioning of **Wireless Anenna (Model# YM-4500) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.		2		
EG-36	Providing, Installing, Testing and Commissioning of **Power Amplifier power consumption 2000W, 4channel: 1000Wx4 output (4 Ohm) LED indicator for protect clip, Signal (Model# DA 1000F) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	5		
EG-37	Providing, Installing, Testing and Commissioning of **480W Mixer Amplifier, 2-Speaker zone, 7 MIC/Line input, 5-point LED output level meter, each input separate volume control, master volume, Built-in chime (Model# A-3648D) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	2		
EG-38	Providing, Installing, Testing and Commissioning of **Digital Stereo Mixer with FBS, ARC, Ducker function, having 8mic & 8Aux input, 4 channel output, having network connectivity, remote station paid optional (Remote connection option, I paid input option) 31 band EQ setting for each channel (Model# M864D) TOA** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-39	Providing, Installing, Testing and Commissioning of **MP3 CD Player, USB, FM, Model# 2011R** or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-19	Providing, installation, testing and commissioning of **42U P.A rack with PDU** as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	1		
EG-22	Providing, installation, testing and commissioning of **Interconnection Jack / Lead** as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.	Nos.	4		
EG-26	Installation, Testing, Commissioning and Programming by Manufacturer Authorised Agent / Dealer and handing over complete Public Address system to owner with providing training, SOP, complete equipment's manual and warranty documents to Owner's Representative.	Job.	1		
			GRAND TOTAL RS:		
	NOTE: ALL CABLE LENGTHS ARE TENTATIVE AND SUBJECT TO ACTUAL EXECUTION AND FINAL MEASUREMENT				

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CONVENTION CENTRE, OFFICES & ACADEMIC BLOCKS

SUMMARY OF COST

(CLOSED CIRCUIT TV)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
D	CLOSED CIRCUIT TV(OFFICE BLOCK)	
E	CLOSED CIRCUIT TV(CONVENTION CENTRE)	
	GRAND TOTAL RS.	

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CONVENTION CENTRE, OFFICES & ACADEMIC BLOCKS

BOQ

(CLOSED CIRCUIT TV)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION-D : (CLOSED CIRCUIT TV)					
	OFFICE & ADMIN BLOCK				
ED-01	Providing, Testing, Commissioning and Laying of CCTV System, wired with CAT-6 UTP Cable of Clipsal / Pony / 3M in 20mm Ø PVC conduit with all accessories such as junction boxes , sockets etc etc recessed in wall / floor as shown in drawing up to NVR/Networking switch with all accessories such as bends, junction boxes & socket etc as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
1.1	Ground Floor	Lot.	1		
1.2	First Floor	Lot.	1		
ED-02	Providing , Installation, testing & Commissioning of **Fixed type 4 MP Digital Dome Camera (Make: Dahua)** Economical full HD 1920 x 1080 @ 30 fps CALIPB-BIV-40(P) or approved equivalent with Vari-focal Lens , External Adjust 2.8 - 12 mm , hidden cable POE , IOS etc with all required accessories Confirming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
2.1	Ground Floor	No.	6		
2.2	First Floor	No.	-		
ED-03	Providing , Installation, testing & Commissioning of **Fixed type 4 MP Digital Bullet Camera (Make: Dahua)** Economical full HD 1920 x 1080 @ 30 fps CALIPB-BIV-40(P) or approved equivalent with Vari-focal Lens , External Adjust 2.8 - 12 mm , hidden cable POE , IOS etc with all required accessories Confirming to drawing & Specifications, upto the entire satisfaction of Consultant/ Client complete in all respect.				
3.1	Ground Floor	No.	4		
3.2	First Floor	No.	4		
ED-04	Providing, testing & Commissioning of **Rack mount, standalone Wokstation Core i7 Latest Generation, 4GB Ram, 1TB HDD, Genuine Windows 10** with complete accessories for commissioning of above system, conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
4.1	Ground Floor	No.	1		
4.2	First Floor	No.	-		
ED-05	Providing, Installation, testing & commissioning of **24 port CHANNEL NETWORK VIDEO RECORDER, (Make: Dahua)** 480 FPS RECORDING@ 1080P, 16 POE, 2 SATA PORTS, STORAGE UPTO 12 TB, 100 - 240 VAC with all required installation accessories such as media converter etc etc , conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
5.1	Ground Floor	No.	1		
5.2	First Floor	No.	-		

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
ED-06	Providing , Installation, testing & commissioning of **42" LED (Make: Samsung)** complete in all respect with all required accessories, conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
6.1	Ground Floor	No.	2		
6.2	First Floor	No.	-		
ED-07	Providing, Installation, testing & commissioning of **3 TB Surveillance Hard Disk (Make: Seagate or WD)** with all required installation accessories, conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
7.1	Ground Floor	No.	1		
7.2	First Floor	No.	-		
ED-08	Providing, testing & Commissioning of **15U Commrack** for managing NVR/Poe Switch Patch Cords, I/O RJ-45 jacks with all required installation accessories such as cable manager, conforming to specification & drawing as required with complete accessories including patch cords up to the entire satisfaction of Client and Consultant, complete in all respect.				
8.1	Ground Floor	No.	1		
8.2	First Floor	No.	-		
ED-09	Installation, Testing Commissioning and Programming by Manufacturer Authorised Agent / Dealer and handing over of complete CCTV System to Owner with providing training, SOP, complete equipment's manual and warranty documents to owners representative.	Job.	1		
	TOTAL OF SECTION "D" RS:				
SECTION-E : (CLOSED CIRCUIT TV)					
	CONVENTION CENTRE				
EE-01	Providing, Testing, Commissioning and Laying of CCTV System, wired with CAT-6 UTP Cable of Clipsal / Pony / 3M in 20mm Ø PVC conduit with all accessories such as junction boxes , sockets etc etc recessed in wall / floor as shown in drawing up to NVR/Networking switch with all accessories such as bends, junction boxes & socket etc as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
1.1	Basement Floor	Lot.	1		
1.2	Ground Floor	Lot.	1		
1.3	Intermediate Floor	Lot.	1		
1.4	First Floor	Lot.	1		
1.5	Second Floor	Lot.	1		
1.6	Third Floor	Lot.	1		

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ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EE-02	Providing , Installation, testing & Commissioning of **Fixed type 4 MP Digital Dome Camera** Economical full HD 1920 x 1080 @ 30 fps CALIPB-BIV-40(P) **(Make: Dahua)** or approved equivalent with Vari-focal Lens , External Adjust 2.8 - 12 mm , hidden cable POE , IOS etc with all required accessories Confirming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
2.1	Basement Floor	No.	17		
2.2	Ground Floor	No.	13		
2.3	Intermediate Floor	No.	2		
2.4	First Floor	No.	2		
2.5	Second Floor	No.	4		
2.6	Third Floor	No.	4		
EE-03	Providing , Installation, testing & Commissioning of **Fixed type 4 MP Digital Bullet Camera** Economical full HD 1920 x 1080 @ 30 fps CALIPB-BIV-40(P) **(Make: Dahua)** or approved equivalent with Vari-focal Lens , External Adjust 2.8 - 12 mm , hidden cable POE , IOS etc with all required accessories Confirming to drawing & Specifications, upto the entire satisfaction of Consultant/ Client complete in all respect.				
3.1	Basement Floor	No.			
3.2	Ground Floor	No.	2		
3.3	Intermediate Floor	No.			
3.4	First Floor	No.			
3.5	Second Floor	No.			
3.6	Third Floor	No.			
EE-04	Providing, testing & Commissioning of **Rack mount, standalone Wokstation Core i7 Latest Generation, 4GB Ram, 1TB HDD, Genuine Windows 10** with complete accessories for commissioning of above system, conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
4.1	Basement Floor	No.			
4.2	Ground Floor	No.			
4.3	Intermediate Floor	No.			
4.4	First Floor	No.	1		
4.5	Second Floor	No.			
4.6	Third Floor	No.			

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
EE-05	Providing, Installation, testing & commissioning of **64 port CHANNEL NETWORK VIDEO RECORDER**, H.265/H.264/MJPEG/MPEH4 codec decoding, Max 320 Mbps incoming bandwidth upto 12Mp resplution preview & playback, 2 HDMI/VGA simultaneous video output 3D intelligent positioning with Dahua PTZ camera **(Make: Dahua)** with all required installation accessories, conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
5.1	Basement Floor	No.			
5.2	Ground Floor	No.			
5.3	Intermediate Floor	No.			
5.4	First Floor	No.	1		
5.5	Second Floor	No.			
5.6	Third Floor	No.			
EE-05	Providing, Installation, testing & commissioning of **6 TB Surveillance Hard Disk (Make: Seagate or WD)** with all required installation accessories, conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
5.1	Basement Floor	No.			
5.2	Ground Floor	No.			
5.3	Intermediate Floor	No.			
5.4	First Floor	No.	6		
5.5	Second Floor	No.			
5.6	Third Floor	No.			
EE-06	Providing , Installation, testing & commissioning of **42" LED (Make: Samsung)** complete in all respect with all required accessories, conforming to drawing & Specifications, up to the entire satisfaction of Client and Consultant, complete in all respect.				
6.1	Basement Floor	No.			
6.2	Ground Floor	No.			
6.3	Intermediate Floor	No.			
6.4	First Floor	No.	7		
6.5	Second Floor	No.			
6.6	Third Floor	No.			
EE-07	Providing, testing & Commissioning of **8 Port POE GigaBit Core switch (Make: Dahua)** with GB data transfer non manageable , including I/O RJ-45 jacks with all required installation accessories , conforming to specification & drawing as required with complete accessories including patch cords up to the entire satisfaction of Client and Consultant, complete in all respect.				
7.1	Basement Floor	No.			
7.2	Ground Floor	No.			
7.3	Intermediate Floor	No.	1		
7.4	First Floor	No.	1		
7.5	Second Floor	No.			

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ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
7.6	Third Floor	No.	1		
EE-08	Providing, testing & Commissioning of **24 Port POE GigaBit Core switch (Make: Dahua)** with GB data transfer non manageable , including I/O RJ-45 jacks with all required installation accessories , conforming to specification & drawing as required with complete accessories including patch cords up to the entire satisfaction of Client and Consultant, complete in all respect.				
8.1	Basement Floor	No.	1		
8.2	Ground Floor	No.	1		
8.3	Intermediate Floor	No.			
8.4	First Floor	No.			
8.5	Second Floor	No.			
8.6	Third Floor	No.			
EE-09	Providing, testing & Commissioning of **24U Commrack** for managing NVR/Poe Switch Patch Cords, I/O RJ-45 jacks with all required installation accessories such as cable manager, conforming to specification & drawing as required with complete accessories including patch cords up to the entire satisfaction of Client and Consultant, complete in all respect.				
9.1	Basement Floor	No.			
9.2	Ground Floor	No.			
9.3	Intermediate Floor	No.			
9.4	First Floor	No.	1		
9.5	Second Floor	No.			
9.6	Third Floor	No.			
EE-10	Installation, Testing Commissioning and Programming by Manufacturer Authorised Agent / Dealer and handing over of complete CCTV System to Owner with providing training, SOP, complete equipment's manual and warranty documents to owners representative.	Job.	1		
	TOTAL OF SECTION "E" RS:				
NOTE: ALL CABLE LENGTHS ARE TENTATIVE AND SUBJECT TO ACTUAL EXECUTION AND FINAL MEASUREMENT					
	GRAND TOTAL RS:				

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE, OFFICES & ACADEMIC BLOCKS

SUMMARY OF COST

(FIRE ALARM SYSTEM)

SR. NO.	BOQ ITEMS	AMOUNT PAK.RS
E.	FIRE ALARM SYSTEM(OFFICE BLOCK)	
F	FIRE ALARM SYSTEM(CONVENTION CENTRE)	
	GRAND TOTAL RS.	

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

CONVENTION CENTRE, OFFICES & ACADEMIC BLOCKS

BOQ

(FIRE ALARM SYSTEM)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
SECTION-E: (FIRE ALARM SYSTEM)				-	
	OFFICE BLOCK				
EE-01	Providing, Termination, testing & commissioning of Fire Alarm Detection System, wired with 1.5 sqmm PVC insulated Twin Core Flexible Fire resistant cable twisted system zone & bell wiring in 20mm Ø PVC conduit with all accessories such as junction boxes , sockets etc etc recessed in wall / floor as shown in drawing up to FACP with all accessories such as bends, junction boxes & socket etc as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
1.1	Ground Floor	Lot.	1		
1.2	First Floor	Lot.	1		
EE-02	Providing , installing, testing & commissioning of built-in fault isolator Intelligent **Addressable Smoke Sensor (Model # S4-715) (Make- Gent by Honeywell)** or approved equivalent, with base mount ,Solid-state, unipolar dual chamber area sensor . Led provides 360-Deg visual indication or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
2.1	Ground Floor	No.	19		
2.2	First Floor	No.	12		
EE-03	Providing , installing, testing & commissioning of built-in fault isolator **Addressable Quad Heat Detector with base (Model # S4-720)** or approved equivalent , Solid-state, unipolar dual chamber area sensor. Led provides 360-Deg visual indication or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
3.1	Ground Floor	No.	1		
3.2	First Floor	No.	-		
EE-04	Providing, Installing, testing & commissioning of **Addressable Manual Call Point (Model # S4-34805) (Make- Gent by Honeywell)** or approved equivalent surface/semi-flush mounted type or approved equivalent , as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
4.1	Ground Floor	No.	2		
4.2	First Floor	No.	2		

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
EE-05	Providing, Installing, testing & commissioning of **Addressable Fire Alarm Indoor Sounder with built in fault isolater (Model # S3-S-R) (Make- Gent by Honeywell)** or approved equivalent ,Universal Back Plate Mounting or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
5.1	Ground Floor	No.	2		
5.2	First Floor	No.	2		
EE-06	Providing, Installation, Testing and Commissioning of **Addressable Nano Single Loop Addressable Fire Alarm Control Panel (FACP) (Model NANO-24) (Make- Gent by Honeywell)** including all necessary accessories, identification tagging etc. and battery back up. FACP as per specification, complete in all respect as per entire satisfaction of Client and Consultant.				
6.1	Ground Floor	No.	1		
6.2	First Floor	No.	—		
EE-07	Installation, Testing , Commissioning and Programming by Manufacturer Authorised Agent / Dealer and handing over complete Fire Alarm system to owner with providing training, SOP, complete equipment's manual and warranty documents to Owner's Representative.	Job.	1		
	TOTAL OF SECTION "E" RS:			**TOTAL OF**	-
	NOTE: ALL CABLE LENGTHS ARE TENTATIVE AND SUBJECT TO ACTUAL EXECUTION AND FINAL MEASUREMENT				
	SECTION-F : (FIRE ALARM SYSTEM)				
	CONVENTION CENTRE				
EF-01	Providing, Termination, testing & commissioning of Fire Alarm Detection System, wired with 1.5 sqmm PVC insulated Twin Core Flexible Fire resistant cable twisted system zone & bell wiring in 20mm Ø PVC conduit with all accessories such as junction boxes , sockets etc etc recessed in wall / floor as shown in drawing up to FACP with all accessories such as bends, junction boxes & socket etc as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
1.1	Basement Floor	Lot.	1		
1.2	Ground Floor	Lot.	1		
1.3	Intermediate Floor	Lot.	1		
1.4	First Floor	Lot.	1		
1.5	Second Floor	Lot.	1		
1.6	Third Floor	Lot.	1		
EF-02	Providing , installing, testing & commissioning of built-in fault isolator Intelligent **Addressable Optical Smoke Sensor (Model # S4-715) (Make: Gent by Honeywell)** or approved equivalent, with base mount ,Solid-state, unipolar dual chamber area sensor . Led provides 360-Deg visual indication or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
2.1	Basement Floor	No.	29		
2.2	Ground Floor	No.	11		
2.3	Intermediate Floor	No.	8		
2.4	First Floor	No.	8		

Executive Engineer Provincial Buildings Division-II Karachi * Govt. of Sindh

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
2.5	Second Floor	No.	9		
2.6	Third Floor	No.	3		
EF-03	Providing , installing, testing & commissioning of built-in fault isolator **Addressable Quad Heat Detector with base (Model # S4-720)** or approved equivalent , Solid-state, unipolar dual chamber area sensor. Led provides 360-Deg visual indication or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
3.1	Basement Floor	No.	1		
3.2	Ground Floor	No.	-		
3.3	Intermediate Floor	No.	-		
3.4	First Floor	No.	1		
3.5	Second Floor	No.	1		
3.6	Third Floor	No.	1		
3.7	Roof	No.	-		
EF-04	Providing, Installing, testing & commissioning of **Addressable Indoor Manual Call Pint (Model # S434805) (Make: Gent by Honeywell)** or approved equivalent surface/semi-flush mounted type or approved equivalent , as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all				
4.1	Basement Floor	No.	12		
4.2	Ground Floor	No.	11		
4.3	Intermediate Floor	No.	2		
4.4	First Floor	No.	2		
4.5	Second Floor	No.	2		
4.6	Third Floor	No.	2		
4.7	Roof	No.			
EF-05	Providing, Installing, testing & commissioning of **Addressable Indoor Sounder (Model S3-S-R) (Make: Gent by Honeywell)** or approved equivalent ,Universal Back Plate Mounting or approved equivalent, as per specification & drawing, up to the entire satisfaction of Client and Consultant, complete in all respect.				
5.1	Basement Floor	No.	12		
5.2	Ground Floor	No.	11		
5.3	Intermediate Floor	No.	2		
5.4	First Floor	No.	2		
5.5	Second Floor	No.	2		
5.6	Third Floor	No.	2		
5.7	Roof	No.	-		
EF-06	Providing, Installation, Testing and Commissioning of **2 Loop Addressable Fire Alarm Control Panel (FACP) (Model Compact Plus)** including all necessary accessories, identification tagging etc. and battery back up. FACP as per specification, complete in all respect as per entire satisfaction of Client and Consultant.				
6.1	Basement Floor	No.	-		
6.2	Ground Floor	No.	1		
6.3	Intermediate Floor	No.	-		
6.4	First Floor	No.	-		
6.5	Second Floor	No.	-		
6.6	Third Floor	No.	-		
6.7	Roof	No.	-		

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK.RS	AMOUNT PAK.RS
EF-07	Installation, Testing , Commissioning and Programming by Manufacturer Authorised Agent / Dealer and handing over complete Fire Alarm system to owner with providing training, SOP, complete equipment's manual and warranty documents to Owner's Representative.	Job.	1		
	TOTAL OF SECTION "F" RS:				
NOTE: ALL CABLE LENGTHS ARE TENTATIVE AND SUBJECT TO ACTUAL EXECUTION AND FINAL MEASUREMENT					
	GRAND TOTAL RS.				

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

ESTABLISHMENT OF SHAHEED MOHTARMA BENAZIR BHUTTO CHAIRS AND CONVENTION CENTER AT UNIVERSITY OF KARACHI
(HVAC, ELEVATORS, GENERATORS, PA SYSTEM, FIRE FIGHTING. FIRE ALARM SYSTEM, CCTV, HV AUTOMATION AND REMAINING CIVIL WORKS).

CONVENTION CENTRE

SUMMARY OF COST

(PASSENGER LIFTS)

SR. NO.	BOQ ITEMS	TOTAL PAK RS.
J.	PASSENGER LIFTS	
	GRAND TOTAL RS.	

Executive Engineer Provincial Buildings Division-II Karachi ★ Govt. of Sindh

CONVENTION CENTRE
BOQ
(PASSENGER LIFTS)

ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY	RATE PAK RS.	AMOUNT PAK RS.
SECTION J : PASSENGER LIFTS					
EK-1	Providing, installing, testing & commissioning of 1000 KG Passenger Lift, Model # P10000-CO60-3/3 (13 persons), with all installation accessories etc, conforming to specification and drawing ready to install up to the entire satisfaction of cliet/consultant, complete in all respect.	Nos.	2		
	GRAND TOTAL RS:				

Notes:

1. Any topographic erros in the schedule "B" are subject to correction with the reference to the schedule of rates general item & water supply and sanitary item 2024 as approved by the standing rates committee
2. 100% well graded trusted bajri shall be used in item of RCC 1:2:4.
3. Water shall be arranged by the contractor at site of work without any extra payment.
4. No premium shall be paid on non-shedule items.
5. No cartage or any items of material either supplied by the Department or arranged by the contractor shall
6. C.C. block shall be machine made.
7. All RCC/CC cast in situ shall be mechanically vibrated
8. Contractor has to bring samples of the material and handed to the Engineer Incharge free of cost.
9. All building debries & surplus stuff not req. for use and construction shall be removed from the site the suitable disposal off by
10. The contractors for which no extra cartages shall be paid
11. The work will be carried out as per PWD instructions
12 Valid Electrical Licence from Electrical Inspector Karachi is to be verified

CONTRACTOR

Consultant
Naqvi & Siddiquie Associates (Pakistan)

Executive Engineer
Provincial Building Division-II
Karachi.

Assistant Engineer
Provincial Building Sub-Division-VII
Karachi.

Assistant Engineer
Provincial Buildings Elect: Sub Division-VIII
Karachi.

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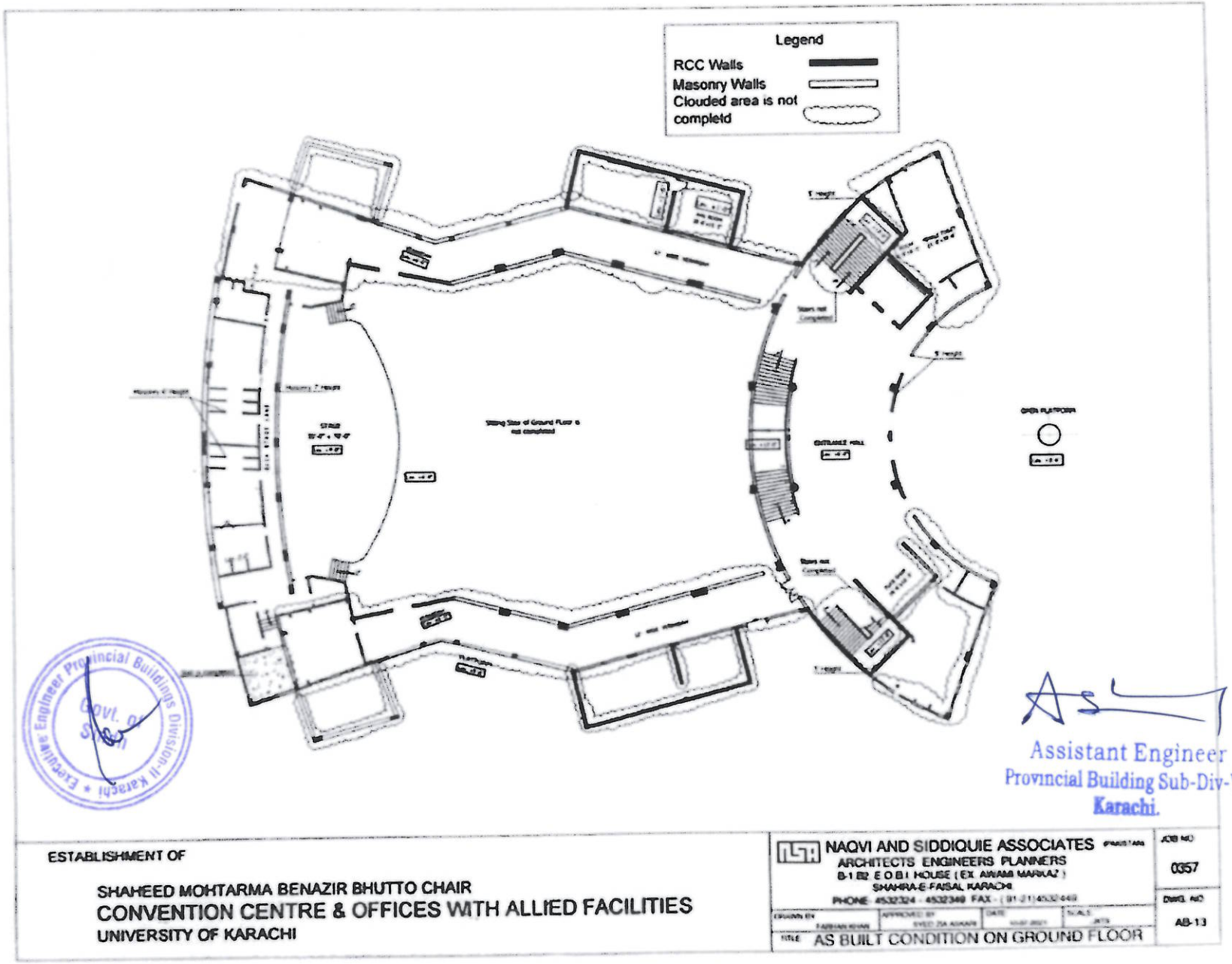
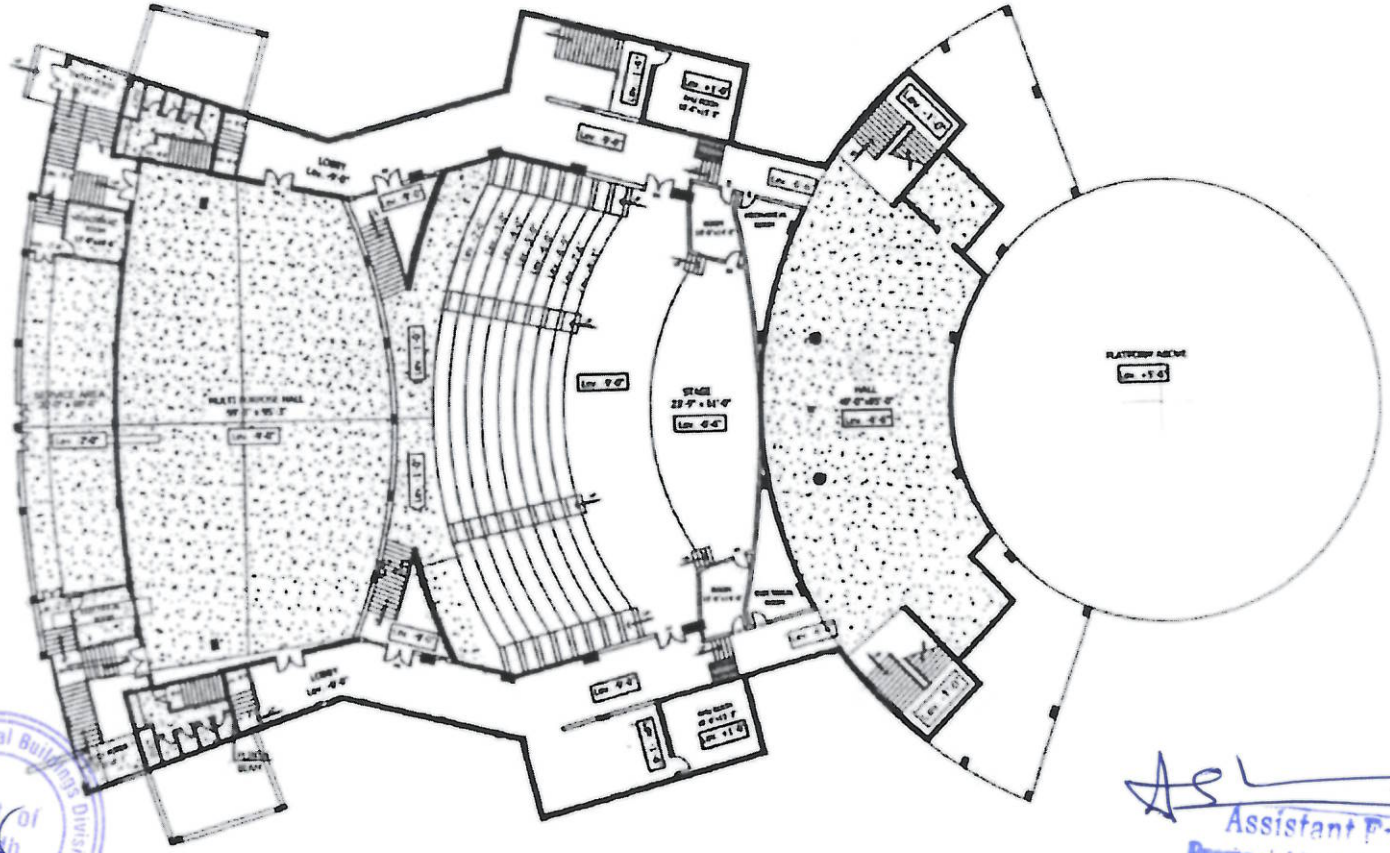

Legend
RCC Walls
Masonry Walls
Clouded area is not completd
Executive Engineer Provincial Buildings Division-II Karachi
GOVT. OF SINDH
Assistant Engineer
Provincial Building Sub-Div-VII
Karachi.
ESTABLISHMENT OF
SHAHEED MOHTARMA BENAZIR BHUTTO CHAIR
CONVENTION CENTRE & OFFICES WITH ALLIED FACILITIES
UNIVERSITY OF KARACHI
NAQVI AND SIDDIQUIE ASSOCIATES
ARCHITECTS ENGINEERS PLANNERS
B-1 B2 E.O.B.I HOUSE (EX AWAMI MARKAZ)
SHAHRA-E-FAISAL KARACHI
PHONE 4532324 - 4532349 FAX - (91-21)4532449
JOB NO 0357
DWG NO AB-13
TITLE AS BUILT CONDITION ON GROUND FLOOR

LEGEND

Hatched Area are Executed Slabs

* Unhatched Area are Remaining for Slabs



Executive Engineer Provincial Buildings Division-II Karachi * Govt of Sindh

Assistant Engineer
Provincial Building
Karachi.

ESTABLISHMENT OF

SHAHEED MOHTARMA BENAZIR BHUTTO CHAIR

CONVENTION CENTRE & OFFICES WITH ALLIED FACILITIES

UNIVERSITY OF KARACHI

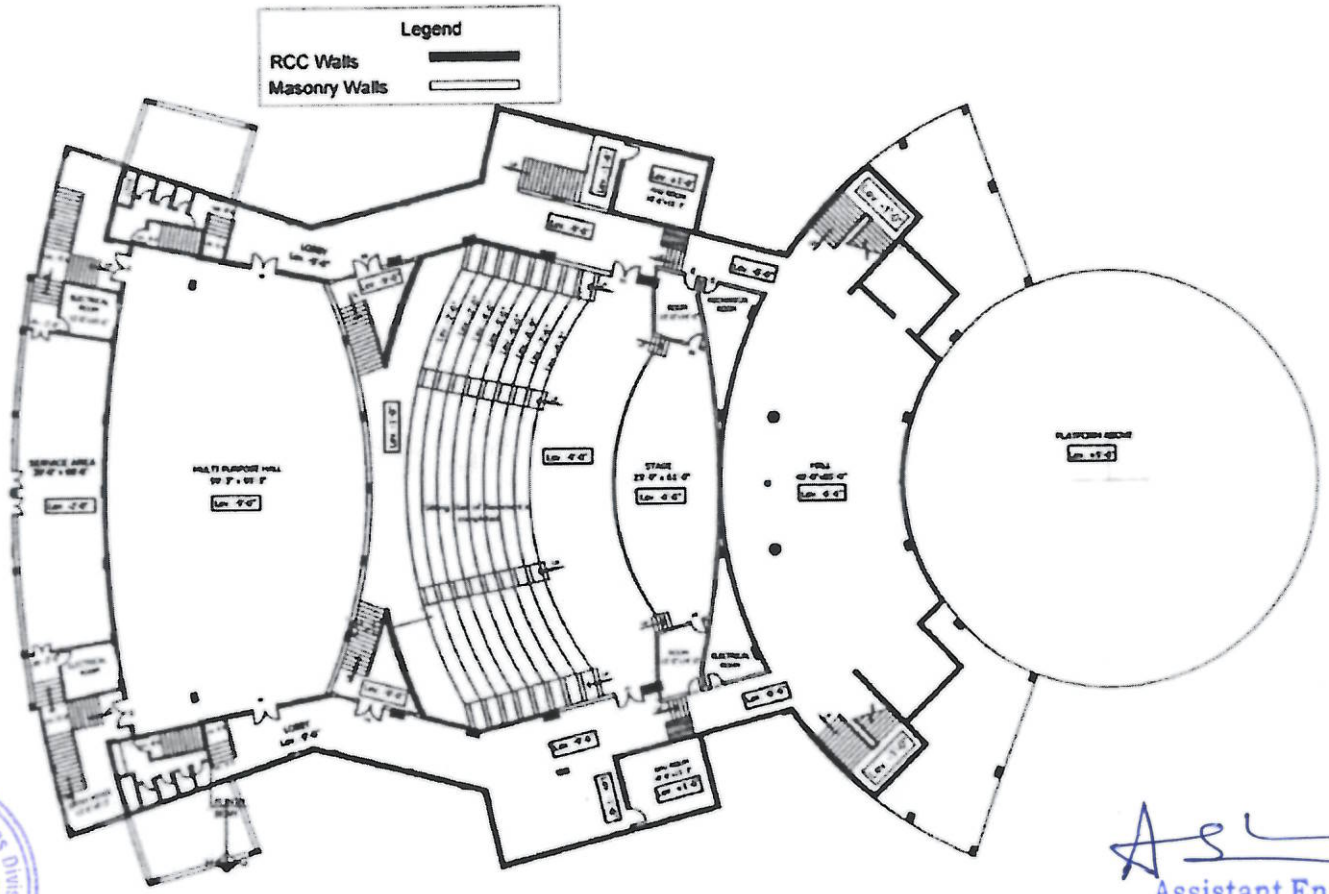
NAQVI AND SIDDIQUIE ASSOCIATES (PAKISTAN)
ARCHITECTS ENGINEERS PLANNERS
B-1,B2, E.O.B.I. HOUSE (EX. AWAMI MARKAZ)
SHAHRA-E-FAISAL KARACHI
PHONE: 4532324 - 4532349 FAX : (92-21)4532449

DRAWN BY	APPROVED BY	DATE	SCALE
FARHAN KHAN	SYED ZIA ASHRAF	NOVEMBER 2001	NTS

TITLE: AS BUILT SLAB ON PLAN

JOB NO: 0357

DWG. NO: AB 12



Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

Assistant Engineer
Provincial Building Sub-Div-VII
Karachi.

ESTABLISHMENT OF

SHAHEED MOHTARMA BENAZIR BHUTTO CHAIR
CONVENTION CENTRE & OFFICES WITH ALLIED FACILITIES
UNIVERSITY OF KARACHI

NAQVI AND SIDDIQUIE ASSOCIATES
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B-1,B2, E.O.B.I. HOUSE (EX. AWAMI MARKAZ)
SHAHRA-E-FAISAL KARACHI
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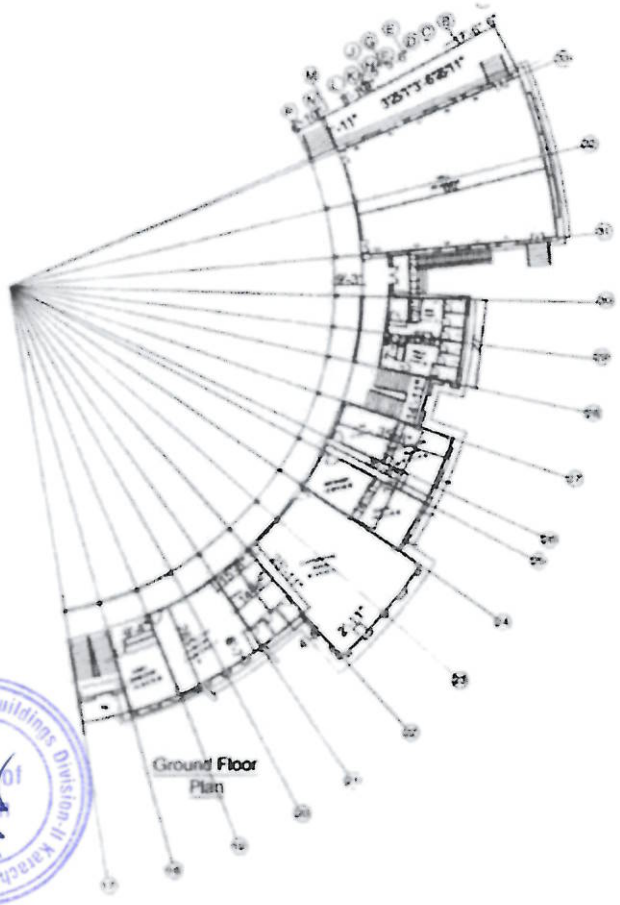
JOB NO 0057

DRAWN BY FARHAN YOUSUF | APPROVED BY SYED ZIA ADNAN | DATE AUGUST 2001 | SCALE NTS

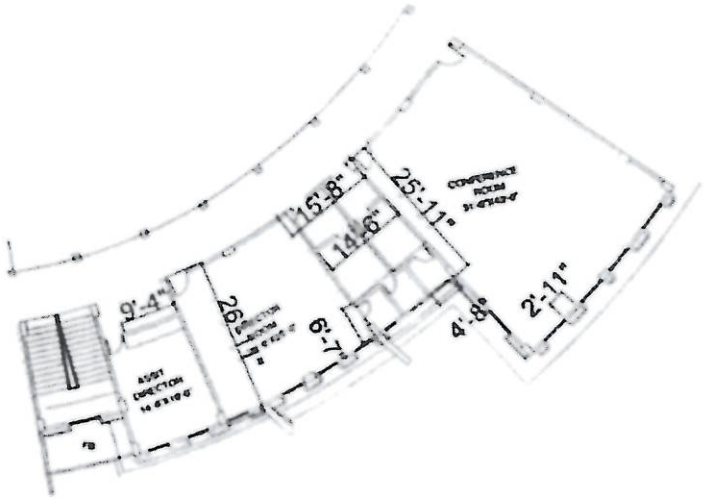
DWG NO AB-11

TITLE AS BUILT CONDITION ON BASEMENT

Plan of Admin Block



Ground Floor Plan



First Floor Plan

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

Assistant Engineer
Provincial Building Sub-Div-VII
Karachi.

ESTABLISHMENT OF

SHAHEED MOHTARMA BENAZIR BHUTTO CHAIR
CONVENTION CENTRE & OFFICES WITH ALLIED FACILITIES
UNIVERSITY OF KARACHI

NAQVI AND SIDDIQUIE ASSOCIATES
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PHONE- 4532324 - 4532349 FAX - (91-21)4532449

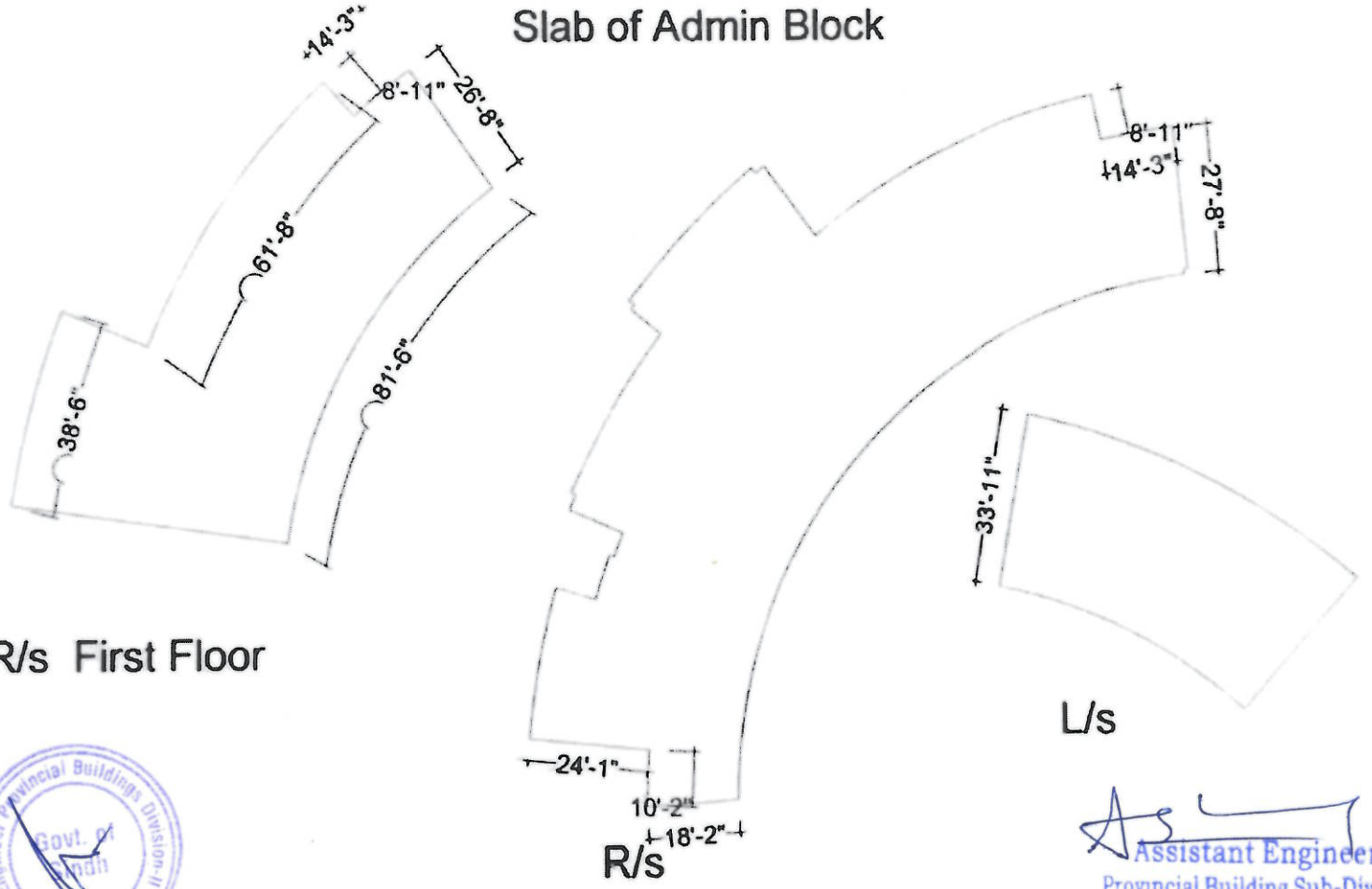
JOB NO 0357

DRAWN BY: FARHAN KHAN | APPROVED BY: SYED ZIA ASHAN | DATE: 10-07-2021 | SCALE: NTS

DWG. NO. AB-08

TITLE: AS BUILT PLAN

Slab of Admin Block



R/s First Floor

R/s

L/s

Executive Engineer Provincial Buildings Division-II Karachi
Govt. of Sindh

Assistant Engineer
Provincial Building Sub-Div-VII
Karachi.

ESTABLISHMENT OF

SHAHEED MOHTARMA BENAZIR BHUTTO CHAIR
CONVENTION CENTRE & OFFICES WITH ALLIED FACILITIES
UNIVERSITY OF KARACHI

NAQVI AND SIDDIQUIE ASSOCIATES
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PHONE- 4532324 - 4532349 FAX - (92-21) 4532449

JOB NO 0357

DWG NO AB-07

TITLE AS BUILT SLAB PLAN

OFFICE OF THE EXECUTIVE ENGINEER, PROVINCIAL BUILDINGS DIVISION NO.II, KARACHI

BARRACK NO.18 SINDH SECRETARIAT NO.4-A, KARACHI

ANNUAL PROCUREMENT PLAN

FINANCIAL YEAR 2025-2026.

S.No.	Description of Procurement	Quantity (Where applicable)	Estimated unit Cost (Where applicable)	Fund Allocated	Source of Funds (ADP/ Non-ADP)	Proposed Procurement Method	Timing of Procurements				Remarks
							1st Qtr	2nd Qtr	3rd Qtr	4rth Qtr	
1.	Establishment of Shaheed Mohtarma Benazir Bhutto chairs and conventions Center at University of Karachi (HVAC Elevators, Generators, PA System, Fire Fighting, fire alarm system, CCTV, HV Automations and Remaining civil works).	--	1600 (M)	1600 (M)	ADP	SSTE				√	

Assistant Engineer
Provincial Building Sub-Division-VII
Karachi.

Executive Engineer
Provincial Building Division-II
Karachi.