






**REPAIR RENOVATION WORK OF SALEEM WAHIDY POLICE AUDITORIUM &  
OTHER OFFICES OF TRAFFIC BRANCH (L&T) KARACHI**

**ATTENDANCE OF THE COMMITTEE MEMBERS**




**OPENING DATE 06-01-2017**

S. No	Committee Members	Time	Attendance Signature	Remarks
01	Mr. Mazhar Nawaz Shaikh, PSP DIGP Traffic (L&T) Karachi. (Chairman)	3:00pm		
02	Mr. Imran Ahmed Khan DSP/ Admin Traffic (L&T) Karachi (Secretary)	3:00pm		
03	Hafiz Safdar Shaaikh Asst. Engineer CPO			
04	Mr. Mushtaq Ahmed Shaikh DS (GA), Representative of Education Works Department	3:00 p.m.		
05	Mr. Abdul Fateh Deputy Secretary (Admin) Representative of Home Department Sindh	3:00 pm		


**REPAIR RENOVATION WORK OF SALEEM WAHIDY POLICE AUDITORIUM &  
OTHER OFFICES OF TRAFFIC BRANCH (L&T) KARACHI**

**ATTENDANCE OF THE CONTRACTORS/BUILDERS FOR  
OPENING FINANCIAL BID DOCUMENTS**

**OPENING DATE 06-01-2017**

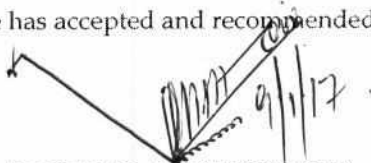
S. No	Name of Firm	Time	Attendance Signatures	Remarks
01	M/S Ali's Interiors	3:00 P.M	KHALID 	
02	M/S Qazi Nisar Ahmed & Co.	3:00 P.M	Amin 	
03	M/S Ali Jumani Enterprises	3:00 P.M	Ali Hassan 	


## BID EVALUATION REPORT

1.Name of Procuring Agency	Sindh Police
2. Tender Reference No. (Re-tender Notice)	8532-45 02-12-2016
3.Name of Work/Items	Repair & Renovation work of Saleem Wahidi Auditorium and other offices of traffic Branch L&T, Karachi
4.Method of Procurement	Single Stage- One envelope Procedure
5. Tender Published (Print Media) SPPRA Serial No.	INF/KRY/4664/2016
6.Quotation Documents Sold	03 Nos.
7.Total Bid Received	03 Nos.
8.Technical Bid opening Date (If applicable)	Not Applicable
9.No of Bid Technically Qualified (If applicable)	Not Applicable
10.Bid (S) Rejected	Nil
11.Financial Quotation opening Date	06-01-2017
12.Cost of Sanctioned Estimated	43.9074 Million
13.Bid Evaluation Report:	


S#	Name of Firm of Bidders	Cost offered by the Bidder	Ranking in Terms of Cost	Comparison with Estimated Cost	Reason for Acceptance/Rejection	Remarks
1	M/S Ali's Interior	Rs.41,165,746	1 <sup>st</sup> Lowest	Within Estimated Cost.	Accepted being lowest amongst the Competitors & Sanctioned Estimate	Qualified and Lowest.
2	M/S Ali Jummani Enterprises	Rs. 42,760,790	2 <sup>nd</sup> Lowest	Within Estimated Cost.	Rejected being Highest	Highest
3	M/S Kazi Nisar Ahmed & Co.	Rs.43,720,369	3 <sup>rd</sup> Lowest	Within Estimated Cost.	Rejected being Highest	Highest


The committee has accepted and recommended the Bid of M/S Ali's Interior being lowest one.

  
 (MUSHTAQ AHMED SHAIKH)  
 Deputy Secretary (GA),  
 Education Works Department, Government of Sindh  
 (Member)

  
 (ABDUL FATAH)  
 Deputy Secretary (Admin),  
 Home Department, Government of Sindh  
 (MEMBER)

  
 (HAFIZ SAIFDAR SHAIKH)  
 Assistant Engineer,  
 CPO, Sindh, Karachi.  
 (Member)

  
 (IMRAN AHMED KHAN)  
 DSP Admin Traffic (L&T), Karachi.  
 (Secretary)

  
 (MAZHAR NAWAZ SHAIKH)PSP  
 DIGP/Traffic (L&T), Karachi.  
 (Chairman)

**MINUTES OF THE PROCUREMENT COMMITTEE'S MEETING CONVENED ON 06-01-2017 AT 1500 HOURS IN THE OFFICE OF THE DIGP TRAFFIC L&T, KARACHI TO OPEN THE BIDS FOR REPAIR & RENOVATION WORK OF SALEEM WAHIDI AUDITORIUM AND OTHER OFFICES OF TRAFFIC BRANCH L&T, KARACHI DURING THE FINANCIAL YEAR 2016-2017.**

The following Officers have attended the subject meeting:-

- |   |             |
|---|-------------|
| 1. DIGP Traffic (L&T), Karachi                          | (Chairman)  |
| 2. DSP Admin Traffic (L&T), Karachi                     | (Secretary) |
| 3. Asstt: Engineer, CPO Sindh Karachi                   | (Member)    |
| 4. Representative of Home Department, Sindh.            | (Member)    |
| 5. Representative of Education works Department, Sindh. | (Member)    |

2/- In response to Tender Notice floated in the press 02-12-2016 regarding Repair & Renovation work of Saleem Wahidi Auditorium and other offices of traffic Branch L&T, Karachi the sealed tender covers of bids of following participated firms were opened by the committee publically in the presence of the bidders / representative:

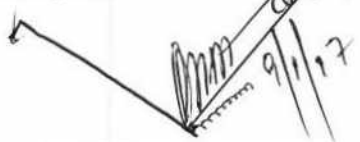
S.NO	NAME OF FIRM
1	M/S Ali's Interior
2	M/S Ali Jummani Enterprises
3	M/S Kazi Nisar Ahmed & Co.

3/- Bids opened by bidders are as under:

S#	Name of Firm of Bidders	Cost offered by the Bidder	Ranking in Terms of Cost	Comparison with Estimated Cost	Reason for Acceptance/Rejection	Remarks
1	M/S Ali's Interior	Rs.41,165,746	1 <sup>st</sup> Lowest	Within Estimated Cost.	Accepted being lowest amongst the Competitors & Sanctioned Estimate	Qualified and Lowest.
2	M/S Ali Jummani Enterprises	Rs. 42,760,790	2 <sup>nd</sup> Lowest	Within Estimated Cost.	Rejected being Highest	Highest
3	M/S Kazi Nisar Ahmed & Co.	Rs.43,720,369	3 <sup>rd</sup> Lowest	Within Estimated Cost.	Rejected being Highest	Highest


4/- The procurement committee decided that bids submitted by the firms will be evaluated.


5/- Meeting ended with the vote of thanks by the Chairman of Procurement Committee.

  
(MUSHTAQ AHMED SHAIKH)  
Deputy Secretary (GA),  
Education Works Department, Government of Sindh  
(Member)

  
(ABDUL FATAH)  
Deputy Secretary (Admin),  
Home Department, Government of Sindh  
(Member)

  
(HAFIZ SAIFDAR SHAIKH)  
Assistant Engineer,  
CPO, Sindh, Karachi.  
(Member)

  
(IMRAN AHMED KHAN)  
DSP Admin Traffic (L&T), Karachi.  
(Secretary)

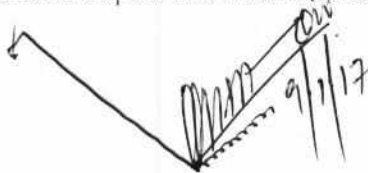
  
(MAZHAR NAWAZ SHAIKH)PSP  
DIGP/Traffic (L&T), Karachi.  
(Chairman)

COMPARATIVE STATEMENT

REPAIR & RENOVATION WORK OF SALEEM WAHIDI AUDITORIUM AND OTHER OFFICES OF  
TRAFFIC BRANCH L&T, KARACHI

S. No	Name of Firm/Company	Rate/Unit/ P.Sft	Remarks
01	M/S Ali's Interior	Rs.41,165,746	Qualified and lowest
02	M/S Ali Jummani Enterprises	Rs. 42,760,790	Higher not qualified
03	M/S Kazi Nisar Ahmed & Co.	Rs.43,720,369	Higher not qualified

The committee has accepted and recommended the Bid of M/S Ali's Interior being lowest one.



(MUSHTAQ AHMED SHAIKH)  
Deputy Secretary (GA),  
Education Works Department, Government of Sindh  
(Member)



(ABDUL FATAH)  
Deputy Secretary (Admin),  
Home Department, Government of Sindh  
(MEMBER)



(HAFIZ SAFDAR SHAIKH)  
Assistant Engineer,  
CPO, Sindh, Karachi.  
(Member)



(IMRAN AHMED KHAN)  
DSP Admin Traffic (L&T), Karachi.  
(Secretary)



(MAZHAR NAWAZ SHAIKH)PSP  
DIGP/Traffic (L&T), Karachi.  
(Chairman)

**OFFICE OF THE DEPUTY INSPECTOR GENERAL OF POLICE,  
TRAFFIC (LICENSING & TRAINING), KARACHI  
11<sup>TH</sup> ZAMZAMA STREET (ADJACENT DL BRANCH), CLIFTON, KARACHI**

To,

M/S. Kazi Nisar Ahmed & Co.

GR No. 02

Date: 28-12-16

- ▲ Due date: 06-01-2017
- ▲ Time of Opening: 15:00 HRS
- ▲ Place of Opening: Office of DIGP Traffic (L&T) 11<sup>th</sup> Zamzama Street Clifton Karachi.

**Name of work: REPAIR & RENOVATION WORK OF SALEEM WAHIDY AUDITORIUM AND OTHER OFFICES OF TRAFFIC BRANCH (L&T) KARACHI**

1. Name of firm Kazi Nisar Ahmed and Co.
2. Address B-5<sup>th</sup> Floor Dada Buiy Sa. Baloch Colony KLi
3. Full name of bidder  
With CNIC#, Address Kazi Nisar Ahmed Pirzada  
Phone Landline/Cell. Nic # 41101-7381783-3
4. Person/representation to whom contact with  
CNIC No. Landline/Cell No. TEL: 02134330079
5. NTN Number 35384
6. Category of Registration  
with limit C.B Rs. 4000 (Four Thousand) Million
7. Validation of Registration 31-December 2016
8. Schedule "B" form may be  
attached. Attached
9. Cost of work 43720369
10. Earnest Money 1093010
11. Pay order No & Date 12107846 5/1/2017
12. Name of Bank with Branch Code ASIAHI Bank KHC-Shera BR code (0121)
13. Signature & Seal Kazi Nisar
14. **NOTE.** The above work of Repair & Renovation would be done subject to availability of fund.

[Signature]  
6/1/2017

[Signature]  
06/01/17

[Signature]  
6/1/17

[Signature]  
6/1/17

**(IMRAN AHMED KHAN)**

DSP/Admin

For Deputy Inspector General of Police  
Traffic Licensing & Training  
**Karachi**

NAME OF WORK: REPAIR & RENOVATION OF SALEEM WAHIDI AUDITORIUM AND ALLIED BUILDING OF TRAFFIC I&T, CLIFTON KARACHI

SCHEDULE BOOK DOCUMENT

SCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Excavation in foundation buildings bridges and other structure in/c dabling dressing refilling around structure with excavated earth watering and ramming lead upto 5ft. (b) In ordinary soil. (SI.18-b/P-4)	4991	3176.25	%0Cft	15852
2.	Cement concrete brick or stone ballast 1 1/2" to 2" gauge of ratio 1:5:10 (SI.4-c/P-15)	40.50	8694.95	%Cft	3521
3.	(a ) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of )(b) Using Tor bars. (SI.8/P-17)	844.34	5001.70	P/Cwt	4223136
4.	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 for forms molds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1: 2: 4) 90 Lbs. cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. (SI.6 (a) (I) / P-16).	15761	337.00	P/Cft	5311457
5.	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50ft) (SI.23/ P-04).	632	2722	%0Cft	1720
6.	Damp proof course with cement sand Ratio (1:2) mixed with damps (a)1 1/2" thick (SI.69-A/P-107)	1148	1934.82	%Sft	22212
7.	Damp proof course with cement sand Ratio (1:2) mixed with damps (b)3/4 thick (SI.69-b/P-107)	1148	2401.58	%Sft	27570
8.	Add extra in cement concrete floor topping, if finished with pigment and polishing (SI.17/P-42)	2700	1071.40	%Sft	28927
9.	Preparing the surface and painting with matt finish in/c rubbing the surface with Bathy (Silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of Paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make et complete (New surface ) (B) 2 <sup>nd</sup> & subsequent coat. (SI.36-A+B+B)/P-55) (Three coats)	5935	3444.38	%Sft	204424
10.	Providing Anti-terminate treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction under the slab and along attached perches or entrance etc, complete as per directions of Engineer Incharge. (SI-91/P-109)	4080	40.10	P.Rft	163608
<b>Total:</b>					<b>10034119</b>
<b>Add 10% above on item No: 03</b>					<b>422314</b>
<b>Total:</b>					<b>10456433/=</b>

NON-SCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Removing of existing construction including tools & equipments, all necessary precautionary measures, stacking useable at designated, existing slab cement chipping, AC / Electrical or any other item which is required to be removed place for Owner's, properly, carting away surplus, stuff, etc. from site complete in all respect.	496	530/2	P/Cft	262,880/2

*[Handwritten signatures and dates]*  
 26/07  
 6/11/17

2.	The Contractor shall install maintain and operate a system wells, trenches and pumps as required to perform the excavations for the areas and subsequent construction of the structures and placement of back fill in the dry. All excavations shall be dewatered and kept free of standing water, complete in all respect as directed by the Consultant (Pump)	2	13,500/=	P/Day	27,000/=
3.	Earth filling with offsite material ( <b>brought from out side source</b> ) in plinth, depression and where ever required laid in 300mm layer well watered, consolidated and compacted with mechanical means complete as per drawing and as directed by the Consultants	632	88/=	P/Cft	55,616/=
4.	Providing and laying stone soling to 150mm thick with broken stones and filling the voids with stone metals 19 to 37mm size and fine sand, well rammed, watered, consolidated and compacted with mechanical means. Complete as per drg. and as directed by Consultants	1132	95/=	P/Sft	107,540/=
5.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants a) 75mm thick (Sub floor)	221	325/=	P/Cft	71,825/=
6.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants b ) 100mm thick (plat form for Kitchen Cabinet)	221	460/=	P/Sft	101,660/=
7.	Providing and laying specified bitumen hycarb AHS hycarb bitumen (60 lbs/100 Sft) in 3 coats including primer coat on Roof, Kitchen and toilet floors each coat to be applied at least 24 hours after application of the previous coat application of bituminous coat should be commenced at least after 10 days of completion of curing period complete as per drawing and as directed by the Consultant	2600	72/=	P/Sft	187,200/=
8.	Providing and laying C.C. 1:4:8 bed concrete using graded screened bajri 9mm and down gauge as fine aggregate and stone ballast 25 to 50mm size as coarse aggregate in foundation over well compacted earth including levelling and curing etc. complete as per drawing and as directed by the Consultants	2600	156/=	P/Sft	405,600/=
9.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	800	95/=	P/Sft	76,000/=
10.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" thick Solid	1300	125/=	P/Sft	162,500/=
11.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface	170	240/=	P/Sft	40,800/=

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	bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" to 12" thick Solid				
12.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. a ) ½" thick Smooth Plaster.	4395	70/=	P/Sft	307,650/=
13.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. b ) ¾" thick Smooth Plaster	4395	77/=	P/Sft	338,415/=
14.	Provide & lay in line and level imported carpet tiles of approved sample with approved adhesive with minimum joint, including cutting, lifting, wastage, etc, complete in all respect as per drawing and instruction of the Architect. For payment net installed carpet tiles area will be measured. Wastage factor should be added by contractor in his unit rate	1690	620/=	P/Sft	1,047,800/=
15.	Provide and install in line & level Pre-finished Wooden Laminated Flooring, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	300	550/=	P/Sft	165,000/=
16.	Provide and install in line & level Pre-finished Wooden Laminate floor planks fixed with approved adhesive on ¾" thick MDF board (Lasani or approved equivalent) with solignum treated partal wood internal framing of approved sections, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	80	585	P/Sft	46,800/=
17.	Provide and lay porcelain tile of approved sample & design for flooring with 1:4 cement sand mortar base of required thickness so as to achieve a minimum overall finished floor thickness of 2", setting the tiles with neat cement mortar, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including curing, cleaning, cutting (cut to size, where required), lifting, hacking of existing surface for bonding where necessary, etc., complete in all respect as per specifications and drawings.	659	550/=	P/Sft	362,450/=
18.	Provide and lay minimum ¾" thick stone of approved sample, design & finish with 1:4 cement sand mortar base of required thickness, setting the stone with neat cement mortar, grouting the joints with 1:4 cement sand mortar, including curing, cleaning, cutting (cut to size, where required), making of grooves & round / Beveled edges (where shown), hacking of existing surface for bonding where necessary, etc., complete in all respect. For payment net stone area will be measured.	360	995/=	P/Sft	358,200/=

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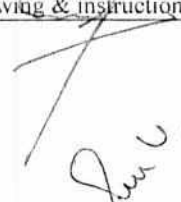
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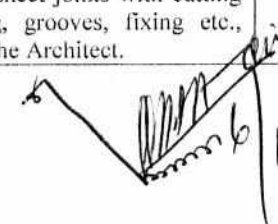
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19.	Planter (External) Provide and construct Planter as per following detail. For payment planter plan area from outer edges shall be measured. A ) C.C. Block masonry of approved thickness. b) ¾" thick plaster with pudlo mixed on internal floor and ¾" thick plain plaster on walls, etc., complete in all respect. c) Cementitious waterproofing treatment by brush application of ICS / Penetron International Ltd or approved equivalent including treatment at the junctions of horizontal & vertical surface, etc., as per manufacturer's specifications and instructions. d) Provide and lay wash Pebble (HUB) of approved sizes, including washing, cleaning, lifting, wastage, etc., complete in all respect. e) ¾" thick stone on Coping & outer vertical surface of walls around Planter fixed with base mortar of approved thickness, 40mm x 40mm x 5mm thick M.S. Angle for bottom support fixed on wall with screws, including curing, cleaning, cutting, making of grooves & round / beveled edges as shown etc., complete in all respect.	232	1855/=	P/Sft	430,360/=
20.	C.C. Pavers (External). Provide and lay 8" x 4" x 2½" thick C.C. Pavers (75% Grey & 25% Pigmented) of approved sample with sand bed of required thickness, including compacting etc., complete in all respect.	3620	280/=	P/Sft	1,013,600/=
21.	Provide and lay porcelain tile dado of approved sample fixed with approved adhesive on cement board partition & 1:4 cement sand mortar base of required thickness, setting the tiles with neat cement mortar on walls, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including, curing, cleaning, cutting of tiles to required sizes (where required), lifting, etc., complete in all respect as per specifications and drawings.	1400	545/=	P/Sft	763,000/=
22.	Same as Item # 6.1 above but with 4" high Porcelain Tile (cut to size) of approved sample for skirting etc., complete in all respect. For payment net running length of skirting will be measured.	200	135/=	P/Rft	27,000/=
23.	Provide and install in position aluminum windows, consisting of solignum treated partial wood frame of approved sections (where shown), aluminum Main & shutter frame of approved sections natural anodized powder coated (Pakistan Cables or approved equivalent) with 6mm thick tempered clear float glass of approved sample, 6mm thick commercial ply on bottom as shown in drawings & details, including all hardwares, sliding mechanism of approved sample for sliding panels, silicon sealant, rubber & neoprene gasket, wastage, fixing arrangements, lifting, cutting, scaffolding, etc., complete in all respect. For payment frame to frame will be measured.	12	1500/=	P/Sft	18,000/=
24.	Provide and install in position 1½" to 8" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.	825	790/=	P/Sft	651,750/=
25.	Provide and install in position 3" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 20mm thick MDF board (Lasani or approved equivalent) fixed on frame, Fabric of approved quality & sample (Project Fabric or approved equivalent) fixed with approved adhesive on MDF board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing & instruction of the Architect.	210	900/=	P/Sft	189,000/=



M.P.  
06/07





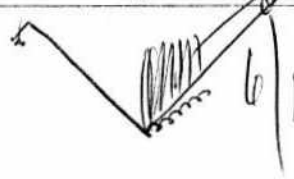


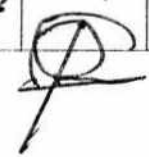
	For payment net cladding area will be measured.				
26.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.	119	2100/=	P/Sft	249,900/=
27.	Provide and install in position Pre-Cast Fair Faced Panel of approved sample & shades, including making grooves, chamfered edges, joint details, sealant, fixing & framing system, protection of panels, etc. all as per manufacturer's specifications and instructions, scaffolding arrangement, fixing arrangement, etc. complete in all respect as per specifications and drawings. For payment finished / installed exposed area (elevation linear width x linear height or linear length x linear width) will be measured i.e. grooves / chamfered edges, shall deem to have been covered in this measurement and shall not be measured separately.	900	610/=	P/Sft	549,000/=
28.	Provide and install in position Wooden Post, consisting of 2" x 2" Solid White Oak Wood with approved polish finish fixed on floor, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side running length of post without thickness will be measured.	210	640/=	P/Rft	134,400/=
29.	Provide and install in position Wooden Screen, consisting of 2" x 1" thick Solid White Oak Wood ribs with approved polish finish, 2" thick gap between two ribs, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side elevation area of screen including gaps will be measured.	127	1,950/=	P/Sft	247,650/=
30.	Provide and install in position Wooden doors, consisting of 1½" thick shutter (for shutters solignum treated partial wood infill framing), ½" thick Solid White Oak wood (Comb Finish) on both side of shutter, natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, 1½" x 1½" thick Solid White Oak wood for Handle, Solid White Oak wood lipping on edges with approved polish finish on all wood works, Metal Plate with approved Powder Coated finish as shown, making of groove where required, including all hardwares, hinges, lock, glue, wastage, Silicone sealant, rubber gasket, lifting, etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	180	2,700/=	P/Sft	486,000/=
31.	Provide and install in position wooden door, consisting of 1½" thick solid core flush shutter (for flush door shutters partial wood infill framing), formica (Tuff Formica textured finish of Baluchistan Laminate or approved equivalent) on both side of shutter with 100mm x 40mm thick natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, Golden Teak wood lipping with approved polish finish, including all hardwares, making of groove (where required), S.S. hinges & handle, lock, plastic louvers of approved sample, S.S. Push Plate 18 SWG (for Type-C), glue, wastage, Silicone sealant, rubber gasket, lifting, fixing, cutting etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	130	1790/=	P/Sft	232,700/=
32.	Provide and install in position Gypsum Board Ceiling, consisting of G.I. frame work of approved sections with G.I. Hangers and 16-	575	360/=	P/Sft	207,000/=




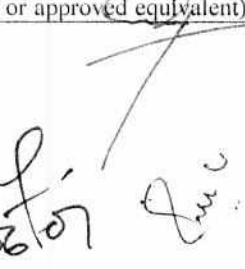
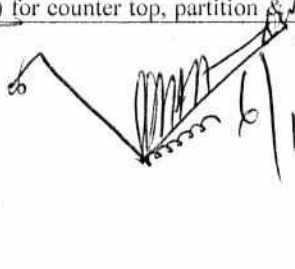
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	18 swg. aluminum edgings as shown, 12mm thick Gypsum Board Sheet (Gypsum Board : Elephant Brand Thailand or approved equivalent), cutting of opening for light fixtures / diffusers with making of light pelmet, fiber tape on joints, including 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on Gypsum board, primer coat filling if required and all other hardwares, wastage, scaffolding, making access panel (where required), etc., complete in all respect. For payment exposed sheet surface area will be measured.				
33.	Gypsum Board Ceiling Paint Finish in Toilets. Same as Item # 10.1 above but with 12mm thick M.R. (Moisture Resistance) Gypsum Board sheet (Elephant brand - Thailand) etc., complete in all respect. For payment exposed sheet surface area will be measured.	700	370/=	P/Sft	259,000/=
34.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on bottom of MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	1000	820/=	P/Sft	820,000/=
35.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barelay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	350	2400/=	P/Sft	840,000/=
36.	Provide and install in position Wooden Trellis, consisting of 2½" x 1½" thick Solid White Oak wood main support, 2" x 1" thick Solid White Oak wood strips fixed on main support with approved polish finish, 3/8" dia M.S. Bar hanger welded with 6" x 1½" x ¼" thick M.S. Plate screw with wooden support & welded with 4" x 4" x ¼" thick M.S. Plate fixed on existing slab with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured.	650	2095/=	P/Sft	1,361,750/=
37.	Provide and install in position Wooden Trellis, consisting of 6" x 3" thick Solid White Oak wood strips & 3" thick gap between two strips fixed on 3" x 1½" thick Solid White Oak wood vertical post for support with approved polish finish, 3" x 6" x ¼" thick M.S. Box section for top support welded with 18" x 3" x ¼" thick M.S.Box Section for main vertical support welded with ¼" thick M.S. Base Plate fixed on floor with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured including the cost of all M.S. Work.	1355	3695/=	P/Sft	5,006,725/=
38.	Provide and Install in position 14'-0" wide x 2'-0" deep x 2'-10" high Reception Counter, consisting of solignum treated partial wood frame of approved sections (as shown), 12mm thick MDF board (Lasani or approved equivalent) for counter top, partition &	1	145,000/=	P/Job	145,000/=



	structure fixed on wooden frame, 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approved adhesive on MDF board for counter top, 3" x 1" thick Solid White Oak wood strips on front with approved polish finish & 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on MDF board as shown in the drawings & details, including all hardwares, edge making, wastage, cutting, lifting, etc., complete in all respect & instruction of the Architect.				
39.	Provide and install in position Acrylic finish Counter, consisting of 1 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 20mm thick water proof MDF board (Lasani or approved equivalent), 1 1/2" x 1 1/2" x 1/4" thick M.S. Angle frame for counter support embedded in wall, solignum treated partial wood frame of approved sections (as shown), including three coats of Matt Enamel paint finish (Jotun / ICI or Berger) & two coats of anti-corrosive paint (ICI / Berger) on all M.S. work and all other hardwares, wastage, lifting, cutting, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2650	P/Sft	172,250/=
40.	Provide and install in position Acrylic finish Coping on 4" wide plumbing wall, consisting of 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 12mm thick water proof MDF board (Lasani or approved equivalent) as shown in the drawings & details, including all hardwares, wastage, lifting, cutting, fixing, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2700/=	P/Sft	175,500/=
41.	Provide and install in position Mirror, consisting of 5mm thick Belgium Mirror with beveled edge of approved quality, 1/2" thick marine ply backing fixed with 3/4" x 3/4" x 1/8" S.S. Angle for support fix on wall, including all hardwares, wastage, lifting, cutting, fixing, approve adhesive etc., complete in all respect. For payment net installed mirror area will be measured.	110	880/=	P/Sft	96,800/=
42.	Provide and install in position Wooden lipping, consisting of 6" x 1/4" thick Solid White Oak Wood for lipping with approved polish finish, including all hardwares, glue, wastage, cutting, lifting, etc., complete in all respect and as per drawing & instruction of the Architect. For payment net running length of lipping will be measured.	46	450/=	P/Rft	20,700/=
43.	Provide & install in position pre-fabricated 450mm x 450mm in size Aluminum Access Panels of approved quality with powder coating of approved shade & sample, including all hardwares, hinges, wastage, fixing arrangement etc., complete in all respect.	26	16,880/=	P/Nos	438,880/=
44.	Providing, cutting, welding, fabricating, hoisting and fixing in position, M.S. structural members such as I - sections, channels, angles, checkered plates, nuts & bolts (HLT1), cleats etc as shown in drawing. Complete with 4mm thick fillet welding (all around the section) as shown in drawing, grinded the welded joints, applying two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work. Complete with all materials, tools, plants, and machinery, complete with wastage, welding rods etc. Complete upto required height and level. Complete in all respect as per drawing, specifications and directed by Architect.	1600	330/=	Kgs	528,000/=
45.	Provide and install in position M.S. Railing, consisting of 2" x 1 1/2" x 18 SWG M.S. Pipe for vertical post & handrail welded with M.S. Structure, including two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work and all other hardwares, wastages, welding, lifting, cutting, fixing etc., complete in all respect & instruction of the Architect. For payment net running length of railing will be measured.	66	1690/=	P/Rft	111,540/=
Total: 19,300,441/=					

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Total of civil & ID = 29,756,874/=

Sr. No.	Particulars	Qty.	Unit	Rate Rs.	Amount Rs.
	<b>FURNITURE WORKS</b>				
A	<b>Sofa &amp; Chair</b>				
a	Providing and making sofa & chairs of "CHAIRISTER" make as per following specifications,				
i	using best quality Oak wood, well seasoned				
ii	using best quality (Imported) fabric @Rs. 1000/-meter				
iii	using MASTER Moulty Foam or approved equivalent				
iv	Lacquer polish finish to all wood surfaces except noted otherwise				
v	Best quality Hardware to be used				
vi	Using imported base and side arms				
b	Samples of all the items will be approved before the final product.				
i	C1 - Stage Chairs	5.00	No	33,300/-	1,66,500/-
ii	C2 - Auditorium Chair	120.00	No	34,800/-	4,17,600/-
c	Providing, making and fixing, as per detail, drawing and standard specification as approved				
	<b>3- Seater Sofa</b>				
i	ES1	2.00	No	63,500/-	1,27,000/-

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	Total of 'A'		= 4,46,500/-
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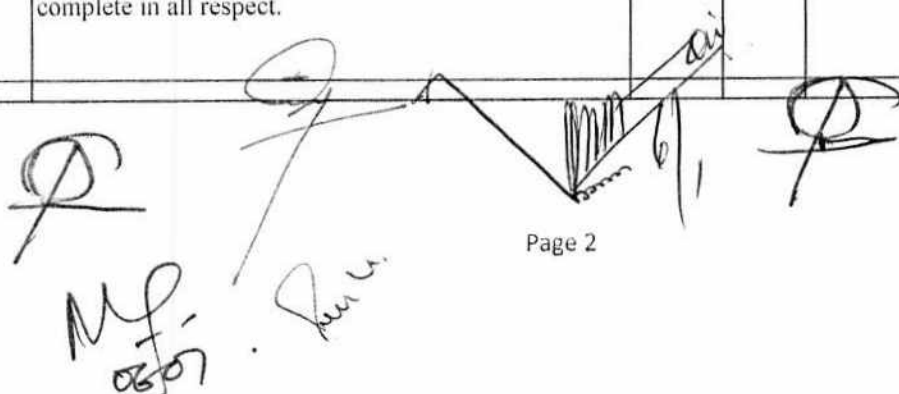
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S.No.	Description	Unit	Qty.	Rate	Amount
<b>1.0</b>	<b>LIGHTING FIXTURES</b>				
1.1	Supply, installation and connection of the following lighting fixtures. Complete with all mounting accessories.				
a)	Fixture Type 'A' (Recessed) Down lighter with 1x 35W LED Lamp.	Nos.	13	5885/-	76,505/-
b)	Fixture Type 'B' (Recessed) Down lighter with 1x 12W LED lamp.	Nos.	28	4770/-	133,560/-
c)	Fixture Type 'C' (Recessed) Down lighter with 1x 7W LED lamp.	Nos.	23	4250/-	97,750/-
d)	Fixture Type 'D' (Wall light) Basic Price Item Rs. 2500/-	Nos.	22	3710/=	81,620/-
e)	Fixture Type 'E' (Surface) RGB strip light of 5mtr coil.	Nos	6	12,750	76,500/-
f)	Fixture Type 'F' (Surface) Philips TMS-128, 1 x 28 W T5 lamp with colour 83 lamp.	Nos.	26	1,910/-	49,660/-
g)	Fixture Type 'G' (Surface) Menvier emergency light with 1x8 watts fl.lamp including exit sign.	Nos.	4	12,800/-	51,200/-
1.2)	Providing and installing of 12" dia exhaust fan with plastic louver.	Nos.	4	4,800/-	19,200/-
				<b>TOTAL Rs.</b>	<b>585,995/-</b>
<b>2.0</b>	<b>FIRE ALARM SYSTEM</b>				
2.1	Providing , installation and connection of conventional type 2-zone fire alarm control panel (FACP).	No.	1	39,250/-	39,250/-
2.2	Supply, installation and connection of conventional type smoke detector.	Nos.	6	4,800/-	28,800/-
2.3	Supply, installation and connection of conventional type heat detector.	No.	1	5,100/-	5,100/-
2.4	Supply, installation and connection of conventional type manual break glass station.	Nos.	2	4250/=	8,500/-
2.5	Supply, installation and connection of electronic sounder .	Nos.	2	5,500/-	11,000/-

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S.No.	Description	Unit	Qty.	Rate	Amount
2.6	Supply and installation of wiring for smoke detector and manual call point devices wired with 2xC-1.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to devices.	Mtr.	40	210/-	8,400/-
2.7	Supply and installation of wiring for electronic sounder wired with 2x1C-2.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to sounder.	Mtr.	20	320/-	6,400/-
2.8	Testing and commissioning of the entire system by authorized local supplier.	Job	1	5,500/-	5,500/-
				TOTAL Rs.	112,950/-
3.0	<b>CCTV SYSTEM</b>				
3.1	Supply and installation of dome type camera. Complete with all mounting accessories.	Nos.	7	16,000/-	112,000/-
3.2	Supply and installation of 8channel digital video recorder (DVR).	Job	1	16,000/-	160,000/-
3.3	Supply and installation of 24" color monitor. Complete with all mounting accessories.	No.	1	37,500/-	37,500/-
3.4	Supply, installation and connection of RG6 coaxial cable in 25mm dia. PVC conduit from camera to to DVR. Complete with all mounting accessories.	Mtr.	90	215/-	19,350/-
3.5	Supply, installation and connection of 3C-1.5mm <sup>2</sup> PVC/PVC cable for power supply to CCTV cameras in PVC conduit.	Mtr.	80	280/-	22400/-
3.6	Testing and commissioning of the entire system by authorized local supplier.	Job	1	11,000/-	11,000/-
				TOTAL Rs.	352,350/-
4.0	<b>SOUND SYSTEM</b>				
4.1	Supply and installation of sound system complete with all accessories power supply unit, comprising of the following items as per drawings & specifications, complete in all respect.				


  
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S.No.	Description	Unit	Qty.	Rate	Amount
a)	Supply & installation of mixer amplifier of 120w upto 1 microphone and 1 line level inputs.	No.	1	48,000/-	48,000/-
b)	Column type speaker rated input 30w shall have a SPL of 94dB at 1 w/m 7khz and a coverage angle of 180°.	Nos.	12	30,500/-	30,500/-
c)	Interconnects, connectors, cables.	Lot.	1	21,500/-	21,500/-
4.2	Speakers wiring with 3C-2.5mm <sup>2</sup> PVC/PVC cable in 25mm dia. PVC conduit.	Mtr.	90	340	30,600/-
4.3	Testing and commissioning of the entire system by authorized local supplier.	Job	1	13,000/-	13,000/-
				<b>TOTAL Rs.</b>	<b>479,100</b>
<b>5.0</b>	<b>LIGHT, FAN, SOCKET WIRING</b>				
5.1	Providing and installing of light point wiring with 3x1.5 sq.mm single core PVC insulated 300/500 V grade copper wires in 20mm dia. PVC conduit surface/concealed mounted including all accessories, connector/PVC junction boxes, 1.5 sq.mm 3-core PVC/PVC cable in flexible PVC conduit for final connection, complete in all respects.				
a)	Light point controlled by one switch.	Nos.	55	28,00/-	154,000/-
b)	Light point from point to point.	Nos.	50	2,100/-	105,000/-
c)	Fixture to fixture wiring with 3-core 1.5sq.mm PVC/PVC cable.	Nos.	18	2,200/-	39,600/-
d)	Exhaust fan point.	Nos.	3	2,000/-	6,000/-
e)	Circuit wiring from distribution board to switch/lighting points with 3x2.5 sq.mm single core PVC wires in PVC conduit complete with all accessories.	Nos.	3	5,100/-	15,300/-
f)	Circuit wiring for group control from respective distribution board to first light point wired with 3x2.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.		1	5,150/-	5,150/-

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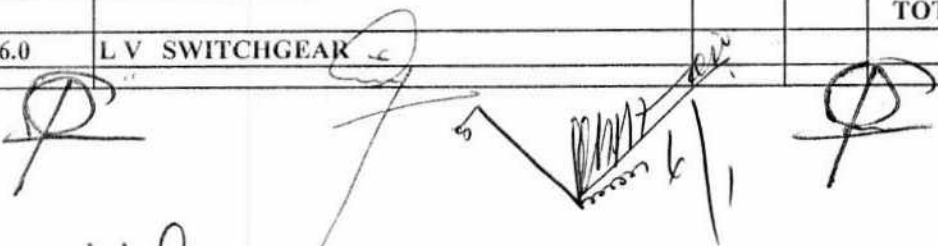
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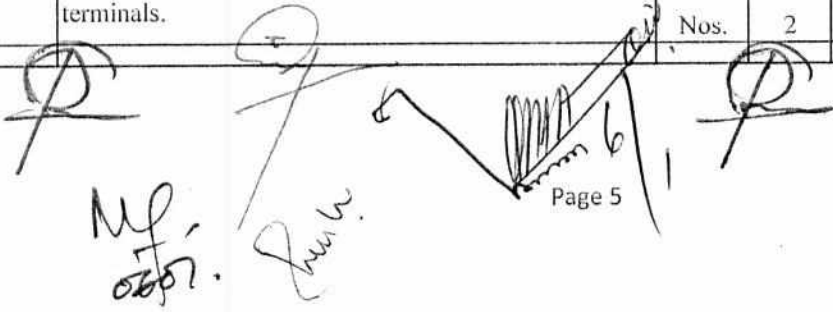
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S.No.	Description	Unit	Qty.	Rate	Amount
g)	Same as item 5.1f, above but from light point to point with 3x1.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	Nos.	10	2050/-	20500/-
5.2	Providing and installing of wiring from distribution board for 13A international switch socket outlets with 3 x 2.5 sq.mm single core PVC insulated copper wires in 25mm dia. PVC conduit concealed / surface mounted, with all accessories.	Nos.	3	5,250/-	15,750/-
5.3	Same as item 5.2, but wiring from point to point.	Nos.	12	2,800/-	33,600/-
5.4	Providing & installing of wiring for AC unit from DB to load break switch wired with with 3x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	9,200/-	9,200/-
5.5	Providing & installing of wiring for AC unit from DB to load break switch wired with with 5x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	20,500/-	20,500/-
5.6	Supply and installation of sheet steel back box including earth link. Complete with all mounting accessories.	Nos.	40	200/-	8,000/-
5.7	Supply and installation of following Clipsal Vivace series switches and sockets on already installed sheet steel back boxes.				
a)	One Gang Switch	Nos.	2	275/-	550/-
b)	One Gang Switch	No.	1	430/-	430/-
c)	Three Gang Switch	Nos.	6	600/-	3,600/-
d)	Four Gang Switch	Nos.	4	750/-	3,000/-
e)	13Amp. International Switch Socket Outlet.	Nos.	20	900	18,000/-
				TOTAL Rs.	448,180/-
6.0	L V SWITCHGEAR				





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S.No.	Description	Unit	Qty.	Rate	Amount
6.1	Supply, installation and connection of the mixed capacity distribution board. Complete with all mounting accessories as per drawing. DB should be of anticorrosive type.	No.	1	165,000/-	165,000/-
6.2	Supply, installation and connection of the following load break switch / MCB's in weather proof sheet steel enclosure including earth and neutral terminal. Complete with all mounting accessories.				
a)	20A.DP.MCB(10KA)	No.	1	5,500/-	5,500/-
b)	30A.TP.MCB(10KA)	No.	1	7,000/-	7,000/-
				TOTAL Rs.	177,500/-
7.0	<b>MAIN/SUB-MAIN CABLES</b>				
7.1	Supply installation and connection of the following submain 600V/1000V grade PVC insulated multi core copper cables in already installed PVC conduit, complete with all accessories.				
a)	From Existing Panel to Dist.Board 4C-35sq.mm PVC/PVC + 1x1C-16sqmm PVC cables.	Mtr.	70	3,200/-	224,000/-
	<b>Note:</b> Actual length of the cable as per site. Contractor has to procure / order the quantity of the cable after site visit.				
				TOTAL Rs.	224,000/-
8.0	<b>G.I. PULL BOXES / PVC PIPES.</b>				
8.1	Supply and installation of 14 SWG anticorrosive sheet steel under floor pull boxes including cover, brass earth terminal, metal cable separators and all fixing accessories of the following size.				
a)	200mm x 200mm x 50mm	Nos.	10	4,200/-	42,000/-
8.2	Supply & installation of 14SWG anticorrosive sheet steel under floor box with brass cover including terminals.	Nos.	2	6,000/-	12,000/-


  
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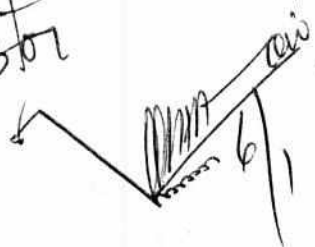
S.No.	Description	Unit	Qty.	Rate	Amount
8.3	Providing and installation of PVC pipes including all accessories (e.g. bends, sockets etc.) of the following sizes.				
a)	50mm dia. PVC pipe.	Mtr.	70	260	18,200/-
b)	38mm dia. PVC pipe.	Mtr.	50	220	11,000/-
c)	32mm dia. PVC pipe.	Mtr.	40	110	4,400/-
d)	25mm dia. PVC pipe.	Mtr.	220	95	20,900/-
e)	25mm dia. Flexible PVC pipe.	Mtr.	70	85	5,950/-
				TOTAL Rs.	114,250/-
9.0	Data / Voice CABLING WORKS				
9.1	Supply, installation and connecting-up of Cat-6 UTP, RJ-45 data/voice outlet(duplex) , 4-Pair modular, snap mounted on British standard face plate, white finish, including any modification required, complete with shuttered click-ins, labels and all accessories including sheet steel anticorrosive type back box.	Nos.	3	4800/-	14,400/-
a)	Same as item 9.1 above, but simplex face plate for wifi point.	Nos.	3	4500/-	13,500/-
9.2	Supply, Installation and termination at Patch Panel and outlet Data / Voice of horizontal 4 pair Cat. 6 UTP Cable, 23 AWG solid copper conductor in already laid cable trunking and conduit drops to outlet including labeling at both ends.	Mtr.	60	215	12,900/-
9.3	Supply and installation of 16Port patch panel including 2U wall mounted type rack,cable mangement. Complete with all mounting accessories.	Job	1	25,000/-	25,000/-
9.4	Termination & testing of the complete Cabling system including all accessories.	Job	1	13,000/-	13,000/-
				TOTAL Rs.	78,800/-

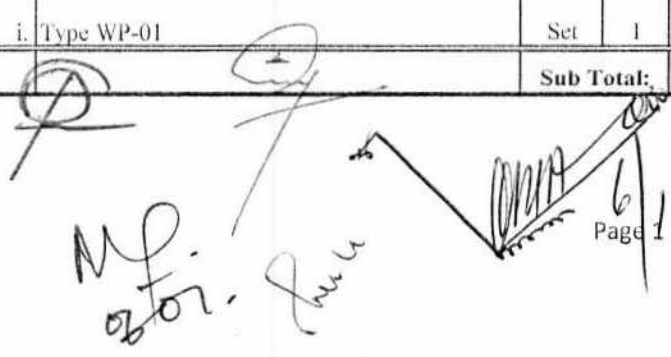
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Total of Electrical = 2,573,125/-

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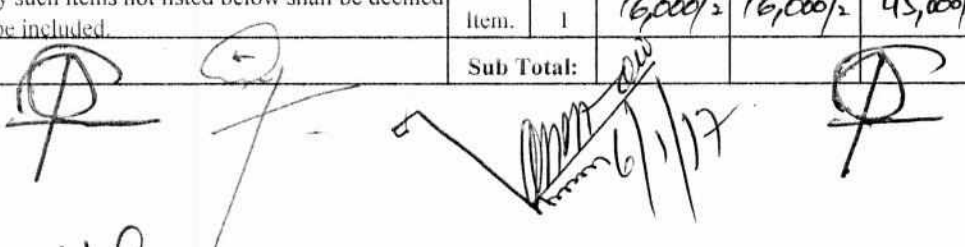


S.NO.	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
<b>SECTION - 01, SUPPLY &amp; INSTALLATION OF PLUMBING FIXTURES</b>								
Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.								
1.1.	Asian style water closet Orisa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.							
a.	Type - IWC	Nos.	8	1600/-	12,800/-	14,500/-	116,000/-	128,800/-
1.2	Wash basin hot and cold water mixer, waste, etc.							
a.	Type - WB	Nos.	10	2970/-	29,700	18000/-	180,000/-	209700/-
1.3	Toilet Hand Shower with flexible chain & telephone type shower including tee stop cock etc. complete in all respect.							
	Type - TS	Nos	8	1500/-	12,000/-	4250	34,000/-	46,000/-
1.4	Toilet accessories complete set, (Imported make)							
i.	Soap dish	Nos.	4	200/-	880/-	850/-	3400/-	4,280/-
ii.	Towel Rod	Nos.	4	270/-	1000/-	2000/-	8,000/-	9,000/-
iii.	Paper holder	Nos.	8	220/-	1760/-	1700/-	13,600/-	15,360/-
			<b>Sub Total:</b>					<b>413,140/-</b>
<b>SECTION-02 WATER SUPPLY SYSTEM.</b>								
Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories required to complete systems ready to operate as per specification, drawings & instruction of Consultant.								
2.1	Polypropylene Random PP-R pipes PN 20 and fittings with fusion jointing alongwith all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding backfilling as required complete in all respect.							
iii.	Dia. 1"	Rft.	120	55/-	6600/-	320/-	38,400/-	45,000/-
iv.	Dia. 1-1/4"	Rft.	50	90/-	4,500/-	370/-	18,500/-	23,000/-
iv.	Dia. 1-1/2"	Rft.	30	155/-	4,650/-	425/-	12,750/-	17,400/-
2.10	Water supply pumps with electric motor complete in all respects including C.C foundation, inlet/outlet connections, electrical connection with all fixing accessories, complete in all respects as per schedule							
i.	Type WP-01	Set	1	4250/-	4,250/-	53,000/-	53,000/-	57,250/-
			<b>Sub Total:</b>					<b>142,650/-</b>


  
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 02/01. 2011
   
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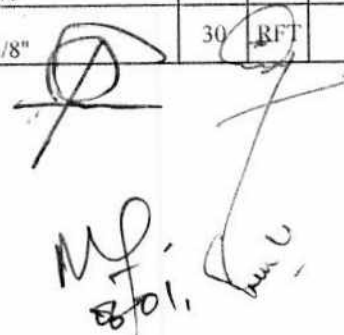

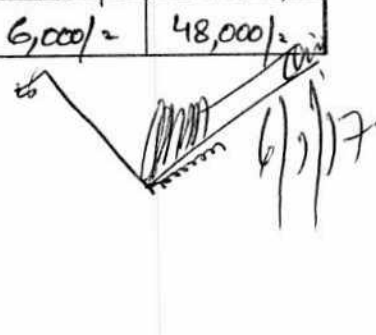
S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT RS
5	<b>SECTION-06 SUNDRIES</b>							
	Contractor will priced the sundries items for all Plumbing & Sanitary (P&S) services as per specifications, drawings and instruction of consultant							
5.1	Allow for connection to Municipality manhole including breaking into same, provision of pipelines and the like, making good to the consultant's approval	Job.	1	31,800/-	31,800/-	—	—	31,800/-
5.2	Allow for connection to Municipality water supply including breaking into same, road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	19,000/-	19,000/-	—	—	19,000/-
5.3	Allow for connection to Sui Northern Gas Co. SNGC including road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	13,000/-	13,000/-	—	—	13,000/-
5.4	Submittals, samples, shop drawings, inspections, as built drawings, operation and maintenance manuals and the like as required by specification.	Job.	1	19,500/-	19,500/-	—	—	19,500/-
5.5	Painting, identification and tagging to the M&P installations and equipments.	Job.	1	13,000/-	13,000/-	—	—	13,000/-
5.6	Testing, and commissioning entire M&P installation as per Engineer's approval	Job.	1	16,500/-	16,500/-	—	—	16,500/-
5.7	Builders work in connection with M&P installation including foundation, bases, inertia blocks, all sleeves, fire resistant sealant, fire stops requirements, etc.	Job.	1	5,500/-	5,500/-	10,500/-	10,500/-	16,000/-
5.8	Maintenance of the complete M&P installation as specified	Job.	1	90,000/-	90,000/-	—	—	90,000/-
5.9	Spares to be handed over to client (submit list of spares with bid)	Set.	1	—	—	69,000/-	69,000/-	69,000/-
	The contractor will list here and price items shown on the drgs, mentioned in the specification or required for the satisfactory completion and function of all mechanical and plumbing services, but not mentioned herein. Any such items not listed below shall be deemed to be included.	Item.	1	16,000/-	16,000/-	45,000/-	45,000/-	61,000/-
		<b>Sub Total:</b>						<b>348,800/-</b>



M.P.  
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Total of Plumbing = 1,131,215/-

S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
<b>SUPPLY &amp; INSTALLATION OF VRV SYSTEM (Main)</b>								
<b>1</b>	<b>Indoor Units</b>							
1.1	Cassette type Unit complete in all respect							
	2.0 TR	8	Nos.	200,000/2	1,600,000/2	8500/2	8500/2	1,668,000/2
1.1	Cassette type Unit complete in all respect							
	1.5 TR	1	Nos.	162,000/2	162,000/2	8500/2	8,500/2	170,500/2
1.2	Fresh Air Ducted Unit complete in all respect							
	4.0 TR	1	Nos.	336,000/2	336,000	8500/2	8,500/2	344,500/2
<b>2</b>	<b>Outdoor Units</b>							
	installation, testing and commissioning of VRV Outdoor Unit complete with all accessories.							
	CU-01	1	Nos.	1950,000/2	1,950,000/2	1,7000/2	17,000/2	1,967,000/2
<b>3</b>	<b>Air Curtain</b>							
	size 4'-6"	1	Nos.	70,000/2	70,000/2	5,500/2	5,500/2	75,500/2
<b>4</b>	<b>Lifting of Indoors and Outdoors</b>							
		1	Job	—	—	250,000/2	250,000/2	250,000/2
<b>5</b>	<b>Communication and Power Wiring for indoor and outdoor units complete in all respects</b>							
		1	Job	535,000/2	535,000/2	60,000/2	60,000/2	595,000/2
<b>6</b>	<b>Supply and Installation of Refrigerant Piping, Muller China</b>							
	Diameter 1/4"	10	RFT	335/2	3350/2	75/2	750	4100/2
	Diameter 3/8"	133	RFT	375/2	49,875/2	75/2	9,975/2	59,850/2
	Diameter 1/2"	29	RFT	430/2	12,470/2	85/2	2,465/2	14,935/2
	Diameter 5/8"	126	RFT	480/2	60,480/2	85/2	10,710/2	71,190/2
	Diameter 3/4"	30	RFT	710/2	21,300/2	90/2	2,700/2	24,000/2
	Diameter 7/8"	19	RFT	780/2	14,820/2	120/2	2,280/2	17,100/2
	Diameter 1-1/8"	31	RFT	1200/2	37,200/2	175/2	5,425/2	32,625/2
	Diameter 1-3/8"	30	RFT	1400/2	42,000/2	200/2	6,000/2	48,000/2



S.No	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
7	Supply and Installation of Refrigerant Piping Insulation with accessories							
	Diameter 1/4"	10	RFT	30/2	300/2	15/2	150/2	450/2
	Diameter 3/8"	133	RFT	35/2	4,655/2	15/2	1,995/2	6,650/2
	Diameter 1/2"	29	RFT	50/2	1,450/2	15/2	435/2	1,885/2
	Diameter 5/8"	126	RFT	60/2	7,560/2	15/2	1,890/2	9,450/2
	Diameter 3/4"	30	RFT	80/2	2,400/2	20/2	600/2	3,000/2
	Diameter 7/8"	19	RFT	90/2	1,710/2	20/2	380/2	2,090/2
	Diameter 1-1/8"	31	RFT	90/2	2,790/2	40/2	1,240/2	4,030/2
	Diameter 1-3/8"	30	RFT	120/2	3,600/2	40/2	1,200/2	4,800/2
8	Supply and Installation of Drain Piping	1	Lot	85,000/2	85,000/2	15,000/2	15,000/2	100,000/2
9	Supply and Installation of Drain Piping Insulation	1	Lot	29,000/2	29,000/2	6,000/2	6,000/2	35,000/2
10	M.S Supports/ Hangers for Refrigerant Piping where required	1	Lot	47,000/2	47,000/2	15,000/2	15,000/2	62,000/2
11	Additional refrigerant charging	1	Lot	46,000/2	46,000/2	15,000/2	15,000/2	61,000/2
12	Shop Drawings and Asbuilts	1	Lot	—	—	10,000/2	10,000/2	10,000/2
13	*Shut off Valves	ate On	Lot	—	—	—	—	—
14	MCC Panel for indoor and out	ate On	Job	225,000/2	225,000/2	22,000/2	22,000/2	247,000/2
TOTAL COST OF INSTALLATION OF AC UNITS								
GRAND TOTAL								5,789,655/2

Grand Total = 43,720,369/2

*Asif*

**TERMS AND CONDITIONS**

- Any typographical errors in the Schedule B are subject to the correction with Reference to the Schedule of rate General 2012 enforced from 12<sup>th</sup> July 2012 as Approved by the SRC Sindh, Karachi.
- Arbitration clause stands deleted from the agreement.
- No premium shall be paid on a Non schedule items.
- 100% Well Graded crushed bajri shall be used in items of work without any extra payment.
- All sample of items should be got approved by the Engineer Incharge.

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(HAFIZ SAJJAD SHAIKH)  
Assistant Engineer,  
CPO, Sindh, Karachi.



NAME OF WORK: REPAIR & RENOVATION OF SALEEM WAHIDI AUDITORIUM AND ALLIED BUILDING OF TRAFFIC L&T, CLIFTON KARACHI

SCHEDULE BOOK DOCUMENT

SCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Excavation in foundation buildings bridges and other structure in/c dabbling dressing refilling around structure with excavated earth watering and ramming lead upto 5ft. (b) In ordinary soil. (SI.18-b/P-4)	4991	3176.25	%Cft	15852
2.	Cement concrete brick or stone ballast 1 1/2" to 2" gauge of ratio 1:5:10 (SI.4-c/P-15)	40.50	8694.95	%Cft	3521
3.	(a) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of)(b) Using Tor bars. (SI.8/P-17)	844.34	5001.70	P/Cwt	4223136
4.	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 for forms molds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1: 2: 4) 90 Lbs. cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. (SI.6 (a) (I) / P-16).	15761	337.00	P/Cft	5311457
5.	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50ft) (SI.23/ P-04).	632	2722	%Cft	1720
6.	Damp proof course with cement sand Ratio (1:2) mixed with damps (a) 1 1/2" thick (SI.69-A/P-107)	1148	1934.82	%Sft	22212
7.	Damp proof course with cement sand Ratio (1:2) mixed with damps (b) 3/4 thick (SI.69-b/P-107)	1148	2401.58	%Sft	27570
8.	Add extra in cement concrete floor topping, if finished with pigment and polishing (SI.17/P-42)	2700	1071.40	%Sft	28927
9.	Preparing the surface and painting with matt finish in/c rubbing the surface with Bathy (Silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of Paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make et complete (New surface ) (B) 2 <sup>nd</sup> & subsequent coat. (SI.36-A+B+B)/P-55) (Three coats)	5935	3444.38	%Sft	204424
10.	Providing Anti-terminate treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction under the slab and along attached perches or entrance etc, complete as per directions of Engineer Incharge. (SI-91/P-109)	4080	40.10	P.Rft	163608
<b>Total:</b>					<b>10034119</b>
<b>Add 10% above on item No: 03</b>					<b>422314</b>
<b>Total:</b>					<b>10456433/=</b>

NON-SCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Removing of existing construction including tools & equipments, all necessary precautionary measures, stacking useable at designated, existing slab cement chipping, AC / Electrical or any other item which is required to be removed place for Owner's properly, carting away surplus, stuff, etc. from site complete in all respect.	496	500	P/Cft	248,000/-

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2.	The Contractor shall install maintain and operate a system wells, trenches and pumps as required to perform the excavations for the areas and subsequent construction of the structures and placement of back fill in the dry. All excavations shall be dewatered and kept free of standing water, complete in all respect as directed by the Consultant (Pump)	2	12700/=	P/Day	25,400/=
3.	Earth filling with offsite material ( <b>brought from out side source</b> ) in plinth, depression and where ever required laid in 300mm layer well watered, consolidated and compacted with mechanical means complete as per drawing and as directed by the Consultants	632	78/=	P/Cft	49,296/=
4.	Providing and laying stone soling to 150mm thick with broken stones and filling the voids with stone metals 19 to 37mm size and fine sand, well rammed, watered, consolidated and compacted with mechanical means. Complete as per drg. and as directed by Consultants	1132	71/=	P/Sft	80,372/=
5.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants a) 75mm thick (Sub floor)	221	305/=	P/Cft	67,405/=
6.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants b ) 100mm thick (plat form for Kitchen Cabinet)	221	415/=	P/Sft	91,715/=
7.	Providing and laying specified bitumen hycarb AHS hycarb bitumen (60 lbs/100 Sft) in 3 coats including primer coat on Roof, Kitchen and toilet floors each coat to be applied at least 24 hours after application of the previous coat application of bituminous coat should be commenced at least after 10 days of completion of curing period complete as per drawing and as directed by the Consultant	2600	66/=	P/Sft	171,600/=
8.	Providing and laying C.C. 1:4:8 bed concrete using graded screened bajri 9mm and down gauge as fine aggregate and stone ballast 25 to 50mm size as coarse aggregate in foundation over well compacted earth including levelling and curing etc. complete as per drawing and as directed by the Consultants	2600	148/=	P/Sft	384,800/=
9.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	800	75/=	P/Sft	60,000/=
10.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" thick Solid	1300	95/=	P/Sft	123,500/=
11.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for	170	190/=	P/Sft	32,300/=

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	bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" to 12" thick Solid				
12.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. a ) 1/2" thick Smooth Plaster.	4395	60/=	P/Sft	263,700/=
13.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. b ) 3/4" thick Smooth Plaster	4395	70/=	P/Sft	307,650/=
14.	Provide & lay in line and level imported carpet tiles of approved sample with approved adhesive with minimum joint, including cutting, lifting, wastage, etc, complete in all respect as per drawing and instruction of the Architect. For payment net installed carpet tiles area will be measured. Wastage factor should be added by contractor in his unit rate	1690	570/=	P/Sft	963,300/=
15.	Provide and install in line & level Pre-finished Wooden Laminated Flooring, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	300	510/=	P/Sft	153,000/=
16.	Provide and install in line & level Pre-finished Wooden Laminate floor planks fixed with approved adhesive on 3/4" thick MDF board (Lasani or approved equivalent) with solignum treated partial wood internal framing of approved sections, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	80	550/=	P/Sft	44,000/=
17.	Provide and lay porcelain tile of approved sample & design for flooring with 1:4 cement sand mortar base of required thickness so as to achieve a minimum overall finished floor thickness of 2", setting the tiles with neat cement mortar, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including curing, cleaning, cutting (cut to size, where required), lifting, hacking of existing surface for bonding where necessary, etc., complete in all respect as per specifications and drawings.	659	470/=	P/Sft	309,730/=
18.	Provide and lay minimum 3/4" thick stone of approved sample, design & finish with 1:4 cement sand mortar base of required thickness, setting the stone with neat cement mortar, grouting the joints with 1:4 cement sand mortar, including curing, cleaning, cutting (cut to size, where required), making of grooves & round / Beveled edges (where shown), hacking of existing surface for bonding where necessary, etc., complete in all respect. For payment net stone area will be measured.	360	940/=	P/Sft	338,400/=

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19.	<p>Planter (External)          Provide and construct Planter as per following detail.          For payment planter plan area from outer edges shall be measured.          A ) C.C. Block masonry of approved thickness.          b) ¾" thick plaster with pudlo mixed on internal floor and ¾" thick plain plaster on walls, etc., complete in all respect.          c) Cementitious waterproofing treatment by brush application of ICS / Penetron International Ltd or approved equivalent including treatment at the junctions of horizontal &amp; vertical surface, etc., as per manufacturer's specifications and instructions.          d) Provide and lay wash Pebble (HUB) of approved sizes, including washing, cleaning, lifting, wastage, etc., complete in all respect.          e) ¾" thick stone on Coping &amp; outer vertical surface of walls around Planter fixed with base mortar of approved thickness, 40mm x 40mm x 5mm thick M.S. Angle for bottom support fixed on wall with screws, including curing, cleaning, cutting, making of grooves &amp; round / beveled edges as shown etc., complete in all respect.</p>	232	1750/=	P/Sft	406,000/=
20.	<p>C.C. Pavers (External).          Provide and lay 8" x 4" x 2½" thick C.C. Pavers (75% Grey &amp; 25% Pigmented) of approved sample with sand bed of required thickness, including compacting etc., complete in all respect.</p>	3620	240/=	P/Sft	868,800/=
21.	<p>Provide and lay porcelain tile dado of approved sample fixed with approved adhesive on cement board partition &amp; 1:4 cement sand mortar base of required thickness, setting the tiles with neat cement mortar on walls, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications &amp; instructions, including, curing, cleaning, cutting of tiles to required sizes (where required), lifting, etc., complete in all respect as per specifications and drawings.</p>	1400	485/=	P/Sft	679,000/=
22.	<p>Same as Item # 6.1 above but with 4" high Porcelain Tile (cut to size) of approved sample for skirting etc., complete in all respect. For payment net running length of skirting will be measured.</p>	200	125/=	P/Rft	25,000/=
23.	<p>Provide and install in position aluminum windows, consisting of solignum treated partial wood frame of approved sections (where shown), aluminum Main &amp; shutter frame of approved sections natural anodized powder coated (Pakistan Cables or approved equivalent) with 6mm thick tempered clear float glass of approved sample, 6mm thick commercial ply on bottom as shown in drawings &amp; details, including all hardwares, sliding mechanism of approved sample for sliding panels, silicon sealant, rubber &amp; neoprene gasket, wastage, fixing arrangements, lifting, cutting, scaffolding, etc., complete in all respect. For payment frame to frame will be measured.</p>	12	1350/2	P/Sft	16,200/2
24.	<p>Provide and install in position 1½" to 8" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing &amp; instruction of the Architect. For payment net cladding area will be measured.</p>	825	740/2	P/Sft	610,500/2
25.	<p>Provide and install in position 3" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 20mm thick MDF board (Lasani or approved equivalent) fixed on frame, Fabric of approved quality &amp; sample (Project Fabric or approved equivalent) fixed with approved adhesive on MDF board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing &amp; instruction of the Architect.</p>	210	810/=	P/Sft	170,100/=

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	For payment net cladding area will be measured.				
26.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.	119	1935 1/2	P/Sft	232645 1/2
27.	Provide and install in position Pre-Cast Fair Faced Panel of approved sample & shades, including making grooves, chamfered edges, joint details, sealant, fixing & framing system, protection of panels, etc. all as per manufacturer's specifications and instructions, scaffolding arrangement, fixing arrangement, etc. complete in all respect as per specifications and drawings. For payment finished / installed exposed area (elevation linear width x linear height or linear length x linear width) will be measured i.e. grooves / chamfered edges, shall deem to have been covered in this measurement and shall not be measured separately.	900	570 1/2	P/Sft	513000 1/2
28.	Provide and install in position Wooden Post, consisting of 2" x 2" Solid White Oak Wood with approved polish finish fixed on floor, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side running length of post without thickness will be measured.	210	605 1/2	P/Rft	127050 1/2
29.	Provide and install in position Wooden Screen, consisting of 2" x 1" thick Solid White Oak Wood ribs with approved polish finish, 2" thick gap between two ribs, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side elevation area of screen including gaps will be measured.	127	1820 1/2	P/Sft	231140 1/2
30.	Provide and install in position Wooden doors, consisting of 1 1/2" thick shutter (for shutters solignum treated partial wood infill framing), 1/2" thick Solid White Oak wood (Comb Finish) on both side of shutter, natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, 1 1/2" x 1 1/2" thick Solid White Oak wood for Handle, Solid White Oak wood lipping on edges with approved polish finish on all wood works, Metal Plate with approved Powder Coated finish as shown, making of groove where required, including all hardwares, hinges, lock, glue, wastage, Silicone sealant, rubber gasket, lifting, etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	180	2495 1/2	P/Sft	449100 1/2
31.	Provide and install in position wooden door, consisting of 1 1/2" thick solid core flush shutter (for flush door shutters partial wood infill framing), formica (Tuff Formica textured finish of Baluchistan Laminate or approved equivalent) on both side of shutter with 100mm x 40mm thick natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, Golden Teak wood lipping with approved polish finish, including all hardwares, making of groove (where required), S.S. hinges & handle, lock, plastic louvers of approved sample, S.S. Push Plate 18 SWG (for Type-C), glue, wastage, Silicone sealant, rubber gasket, lifting, fixing, cutting etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	130	1685 1/2	P/Sft	219050 1/2
32.	Provide and install in position Gypsum Board Ceiling, consisting of G.I. frame work of approved sections with G.I. Hangers and 16	575	335 1/2	P/Sft	192625 1/2

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	18 swg. aluminum edgings as shown, 12mm thick Gypsum Board Sheet (Gypsum Board : Elephant Brand Thailand or approved equivalent), cutting of opening for light fixtures / diffusers with making of light pelmet, fiber tape on joints, including 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on Gypsum board, primer coat filling if required and all other hardwares, wastage, scaffolding, making access panel (where required), etc., complete in all respect. For payment exposed sheet surface area will be measured.				
33.	Gypsum Board Ceiling Paint Finish in Toilets. Same as Item # 10.1 above but with 12mm thick M.R. (Moisture Resistance) Gypsum Board sheet (Elephant brand - Thailand) etc., complete in all respect. For payment exposed sheet surface area will be measured.	700	350/-	P/Sft	245,000/-
34.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on bottom of MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	1000	775/2	P/Sft	775,000/-
35.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	350	2,225/2	P/Sft	778,750/-
36.	Provide and install in position Wooden Trellis, consisting of 2 1/2" x 1 1/2" thick Solid White Oak wood main support, 2" x 1" thick Solid White Oak wood strips fixed on main support with approved polish finish, 3/8" dia M.S. Bar hanger welded with 6" x 1 1/2" x 1/4" thick M.S. Plate screw with wooden support & welded with 4" x 4" x 1/4" thick M.S. Plate fixed on existing slab with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured.	650	2,095/2	P/Sft	1,361,750/-
37.	Provide and install in position Wooden Trellis, consisting of 6" x 3" thick Solid White Oak wood strips & 3" thick gap between two strips fixed on 3" x 1 1/2" thick Solid White Oak wood vertical post for support with approved polish finish, 3" x 6" x 1/4" thick M.S. Box section for top support welded with 18" x 3" x 1/4" thick M.S.Box Section for main vertical support welded with 1/4" thick M.S. Base Plate fixed on floor with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured including the cost of all M.S. Work.	1355	3665/2	P/Sft	4,966,075/2
38.	Provide and Install in position 14'-0" wide x 2'-0" deep x 2'-10" high Reception Counter, consisting of solignum treated partial wood frame of approved sections (as shown), 12mm thick MDF board (Lasani or approved equivalent) for counter top, partition &	1	145,000/2	P/Job	145,000/2

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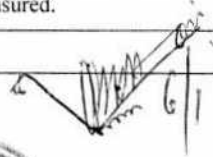
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	structure fixed on wooden frame, 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approved adhesive on MDF board for counter top, 3" x 1" thick Solid White Oak wood strips on front with approved polish finish & 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on MDF board as shown in the drawings & details, including all hardwares, edge making, wastage, cutting, lifting, etc., complete in all respect & instruction of the Architect.				
39.	Provide and install in position Acrylic finish Counter, consisting of 1 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 20mm thick water proof MDF board (Lasani or approved equivalent), 1 1/2" x 1 1/2" x 1/4" thick M.S. Angle frame for counter support embedded in wall, solignum treated partial wood frame of approved sections (as shown), including three coats of Matt Enamel paint finish (Jotun / ICI or Berger) & two coats of anti-corrosive paint (ICI / Berger) on all M.S. work and all other hardwares, wastage, lifting, cutting, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2630 1/2	P/Sft	170950 1/2
40.	Provide and install in position Acrylic finish Coping on 4" wide plumbing wall, consisting of 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 12mm thick water proof MDF board (Lasani or approved equivalent) as shown in the drawings & details, including all hardwares, wastage, lifting, cutting, fixing, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2700 1/2	P/Sft	175500 1/2
41.	Provide and install in position Mirror, consisting of 5mm thick Belgium Mirror with beveled edge of approved quality, 1/2" thick marine ply backing fixed with 3/4" x 3/4" x 1/8" S.S. Angle for support fix on wall, including all hardwares, wastage, lifting, cutting, fixing, approve adhesive etc., complete in all respect. For payment net installed mirror area will be measured.	110	875 1/2	P/Sft	96250 1/2
42.	Provide and install in position Wooden lipping, consisting of 6" x 1/4" thick Solid White Oak Wood for lipping with approved polish finish, including all hardwares, glue, wastage, cutting, lifting, etc., complete in all respect and as per drawing & instruction of the Architect. For payment net running length of lipping will be measured.	46	435 1/2	P/Rft	20010 1/2
43.	Provide & install in position pre-fabricated 450mm x 450mm in size Aluminum Access Panels of approved quality with powder coating of approved shade & sample, including all hardwares, hinges, wastage, fixing arrangement etc., complete in all respect.	26	16875 1/2	P/Nos	438750 1/2
44.	Providing, cutting, welding, fabricating, hoisting and fixing in position, M.S. structural members such as 1- sections, channels, angles, checkered plates, nuts & bolts (HILTI) , cleats etc as shown in drawing. Complete with 4mm thick fillet welding (all around the section) as shown in drawing, grinded the welded joints, applying two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work. Complete with all materials, tools, plants, and machinery, complete with wastage, welding rods etc. Complete upto required height and level. Complete in all respect as per drawing, specifications and directed by Architect.	1600	320 1/2	Kgs	512000 1/2
45.	Provide and install in position M.S. Railing, consisting of 2" x 1 1/2" x 18 SWG M.S. Pipe for vertical post & handrail welded with M.S. Structure, including two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work and all other hardwares, wastages, welding, lifting, cutting, fixing etc., complete in all respect & instruction of the Architect. For payment net running length of railing will be measured.	66	1685 1/2	P/Rft	111210 1/2
<b>Total:</b>					18250623 1/2

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Sr. No.	Particulars	Qty.	Unit	Rate Rs.	Amount Rs.
<b>FURNITURE WORKS</b>					
<b>A</b>	<b>Sofa &amp; Chair</b>				
a	Providing and making sofa & chairs of "CHAIRISTER" make as per following specifications,				
i	using best quality Oak wood, well seasoned				
ii	using best quality (Imported) fabric @Rs. 1000/-/meter				
iii	using MASTER Moulty Foam or approved equivalent				
iv	Lacquer polish finish to all wood surfaces except noted otherwise				
v	Best quality Hardware to be used				
vi	Using imported base and side arms				
b	Samples of all the items will be approved before the final product.				
i	C1 - Stage Chairs	5.00	No	22,500/-	112,500/-
ii	C2 - Auditorium Chair	120.00	No	29,700/-	3,504,000/-
c	Providing, making and fixing, as per detail, drawing and standard specification as approved				
<b>3- Seater Sofa</b>					
i	ES1	2.00	No	57,000/-	114,000/-

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<b>Total of 'A'</b>					3730500/-
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S.No.	Description	Unit	Qty.	Rate	Amount
<b>1.0</b>	<b>LIGHTING FIXTURES</b>				
1.1	Supply, installation and connection of the following lighting fixtures. Complete with all mounting accessories.				
a)	Fixture Type 'A' (Recessed) Down lighter with 1x 35W LED Lamp.	Nos.	13	5,500/=	71,500/=
b)	Fixture Type 'B' (Recessed) Down lighter with 1x12W LED lamp.	Nos.	28	4,500/=	126,000/=
c)	Fixture Type 'C' (Recessed) Down lighter with 1x7W LED lamp.	Nos.	23	4,000/=	92,000/=
d)	Fixture Type 'D' (Wall light) Basic Price Item Rs. 2500/=	Nos.	22	3,500/=	77,000/=
e)	Fixture Type 'E' (Surface) RGB strip light of 5mtr coil.	Nos	6	12,000/=	72,000/=
f)	Fixture Type 'F' (Surface) Philips TMS-128, 1 x 28 W T5 lamp with colour 83 lamp.	Nos.	26	1,800/=	46,800/=
g)	Fixture Type 'G' (Surface) Menvier emergency light with 1x8 watts fl.lamp including exit sign.	Nos.	4	12,000/=	48,000/=
1.2)	Providing and installing of 12" dia exhaust fan with plastic louver.	Nos.	4	4,500/=	18,000/=
				<b>TOTAL Rs.</b>	<b>551,300/=</b>
<b>2.0</b>	<b>FIRE ALARM SYSTEM</b>				
2.1	Providing ,installation and connection of conventional type 2-zone fire alarm control panel (FACP).	No.	1	37,000/=	37,000/=
2.2	Supply, installation and connection of conventional type smoke detector.	Nos.	6	4,500/=	27,000/=
2.3	Supply, installation and connection of conventional type heat detector.	No.	1	4,800/=	4,800/=
2.4	Supply, installation and connection of conventional type manual break glass station.	Nos.	2	4,000/=	8,000/=
2.5	Supply, installation and connection of electronic sounder .	Nos.	2	5,000/=	10,000/=

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S.No.	Description	Unit	Qty.	Rate	Amount
2.6	Supply and installation of wiring for smoke detector and manual call point devices wired with 2xC-1.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to devices.	Mtr.	40	195/=	7800/=
2.7	Supply and installation of wiring for electronic sounder wired with 2x1C-2.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to sounder.	Mtr.	20	295/=	5,900/2
2.8	Testing and commissioning of the entire system by authorized local supplier.	Job	1	5,000/2	5,000/2
				<b>TOTAL Rs.</b>	105,000/=
<b>3.0</b>	<b>CCTV SYSTEM</b>				
3.1	Supply and installation of dome type camera. Complete with all mounting accessories.	Nos.	7	15,000/2	105,000/=
3.2	Supply and installation of 8channel digital video recorder (DVR).	Job	1	150,000/2	150,000/2
3.3	Supply and installation of 24" color monitor. Complete with all mounting accessories.	No.	1	35,000/2	35,000/=
3.4	Supply, installation and connection of RG6 coaxial cable in 25mm dia. PVC conduit from camera to to DVR. Complete with all mounting accessories.	Mtr.	90	195/2	17,550/2
3.5	Supply, installation and connection of 3C-1.5mm2 PVC/PVC cable for power supply to CCTV cameras in PVC conduit.	Mtr.	80	245/2	19,600/2
3.6	Testing and commissioning of the entire system by authorized local supplier.	Job	1	10,000/2	10,000/2
				<b>TOTAL Rs.</b>	337,150/4
<b>4.0</b>	<b>SOUND SYSTEM</b>				
4.1	Supply and installation of sound system complete with all accessories power supply unit, comprising of the following items as per drawings & specifications, complete in all respect.				

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S.No.	Description	Unit	Qty.	Rate	Amount
a)	Supply & installation of mixer amplifier of 120w upto 1 microphone and 1 line level inputs.	No.	1	45,000/=	45,000/=
b)	Column type speaker rated input 30w shall have a SPL of 94dB at 1 w/m 7khz and a coverage angle of 180°.	Nos.	12	28,000/=	336,000/=
c)	Interconnects, connectors, cables.	Lot.	1	20,000/=	20,000/=
4.2	Speakers wiring with 3C-2.5mm <sup>2</sup> PVC/PVC cable in 25mm dia. PVC conduit.	Mtr.	90	315/=	28350/=
4.3	Testing and commissioning of the entire system by authorized local supplier.	Job	1	10,000/=	10,000/=
				<b>TOTAL Rs.</b>	<b>439,350/=</b>
<b>5.0</b>	<b>LIGHT, FAN, SOCKET WIRING</b>				
5.1	Providing and installing of light point wiring with 3x1.5 sq.mm single core PVC insulated 300/500 V grade copper wires in 20mm dia. PVC conduit surface/ concealed mounted including all accessories, connector/PVC junction boxes, 1.5 sq.mm 3-core PVC/PVC cable in flexible PVC conduit for final connection, complete in all respects.				
a)	Light point controlled by one switch.	Nos.	55	2600/=	143,000/=
b)	Light point from point to point.	Nos.	50	1,800/=	90,000/=
c)	Fixture to fixture wiring with 3-core 1.5sq.mm PVC/PVC cable.	Nos.	18	2,000/=	36,000/=
d)	Exhaust fan point.	Nos.	3	1,800/=	5400/=
e)	Circuit wiring from distribution board to switch/lighting points with 3x2.5 sq.mm single core PVC wires in PVC conduit complete with all accessories.	Nos.	3	4,800/=	14,400/=
f)	Circuit wiring for group control from respective distribution board to first light point wired with 3x2.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	No.	1	4,800/=	4,800/=

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S.No.	Description	Unit	Qty.	Rate	Amount
g)	Same as item 5.1f, above but from light point to point with 3x1.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	Nos.	10	1800/2	18,000/=
5.2	Providing and installing of wiring from distribution board for 13A international switch socket outlets with 3 x 2.5 sq.mm single core PVC insulated copper wires in 25mm dia. PVC conduit concealed / surface mounted, with all accessories.	Nos.	3	4,900/2	14,700/=
5.3	Same as item 5.2, but wiring from point to point.	Nos.	12	2,800/2	33,600/2
5.4	Providing & installing of wiring for AC unit from DB to load break switch wired with with 3x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	8,500/2	8,500/2
5.5	Providing & installing of wiring for AC unit from DB to load break switch wired with with 5x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	19,000/2	19,000/2
5.6	Supply and installation of sheet steel back box including earth link. Complete with all mounting accessories.	Nos.	40	180/2	7,200/2
5.7	Supply and installation of following Clipsal Vivace series switches and sockets on already installed sheet steel back boxes.				
a)	One Gang Switch	Nos.	2	245/2	490/2
b)	One Gang Switch	No.	1	395/2	395/2
c)	Three Gang Switch	Nos.	6	495/2	2970/2
d)	Four Gang Switch	Nos.	4	595/2	2380/2
e)	13Amp. International Switch Socket Outlet.	Nos.	20	750/2	15,000/2
				<b>TOTAL Rs.</b>	<b>415,835/2</b>
6.0	<b>L V SWITCHGEAR</b>				

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S.No.	Description	Unit	Qty.	Rate	Amount
6.1	Supply, installation and connection of the mixed capacity distribution board. Complete with all mounting accessories as per drawing. DB should be of anticorrosive type.	No.	1	145,000/-	145,000/-
6.2	Supply, installation and connection of the following load break switch / MCB's in weather proof sheet steel enclosure including earth and neutral terminal. Complete with all mounting accessories.				
a)	20A.DP.MCB(10KA)	No.	1	5,000/-	5,000/-
b)	30A.TP.MCB(10KA)	No.	1	6,000/-	6,000/-
				<b>TOTAL Rs.</b>	156,000/-
7.0	<b>MAIN/SUB-MAIN CABLES</b>				
7.1	Supply installation and connection of the following submain 600V/1000V grade PVC insulated multi core copper cables in already installed PVC conduit, complete with all accessories.				
a)	<u>From Existing Panel to Dist.Board</u> 4C-35sq.mm PVC/PVC + 1x1C-16sqmm PVC cables.	Mtr.	70	3,000/-	210,000/-
	<b>Note:</b> Actual length of the cable as per site. Contractor has to procure / order the quantity of the cable after site visit.				
				<b>TOTAL Rs.</b>	210,000/-
8.0	<b>G.I. PULL BOXES / PVC PIPES.</b>				
8.1	Supply and installation of 14 SWG anticorrosive sheet steel under floor pull boxes including cover, brass earth terminal, metal cable separators and all fixing accessories of the following size.				
a)	200mm x 200mm x 50mm	Nos.	10	3,500/-	35,000/-
8.2	Supply & installation of 14SWG anticorrosive sheet steel under floor box with brass cover including terminals.	Nos.	2	4,500/-	9,000/-

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S.No.	Description	Unit	Qty.	Rate	Amount
8.3	Providing and installation of PVC pipes including all accessories (e.g. bends, sockets etc.) of the following sizes.				
a)	50mm dia. PVC pipe.	Mtr.	70	240/2	16,800/2
b)	38mm dia. PVC pipe.	Mtr.	50	195/2	9,750/2
c)	32mm dia. PVC pipe.	Mtr.	40	95/2	3,800/2
d)	25mm dia. PVC pipe.	Mtr.	220	75/2	16,500/2
e)	25mm dia. Flexible PVC pipe.	Mtr.	70	65/2	4,550/2
				<b>TOTAL Rs.</b>	95,400/2
9.0	<b>Data / Voice CABLING WORKS</b>				
9.1	Supply, installation and connecting-up of Cat-6 UTP, RJ-45 data/voice outlet(duplex) , 4-Pair modular, snap mounted on British standard face plate, white finish, including any modification required, complete with shuttered click-ins, labels and all accessories including sheet steel anticorrosive type back box.	Nos.	3	4500/2	13,500/2
a)	Same as item 9.1 above, but simplex face plate for wifi point.	Nos.	3	4,000/2	12,000/2
9.2	Supply, Installation and termination at Patch Panel and outlet Data / Voice of horizontal 4 pair Cat. 6 UTP Cable, 23 AWG solid copper conductor in already laid cable trunking and conduit drops to outlet including labeling at both ends.	Mtr.	60	195/2	11,700/2
9.3	Supply and installation of 16Port patch panel including 2U wall mounted type rack,cable mangement. Complete with all mounting accessories.	Job	1	21,000/2	21,000/2
9.4	Termination & testing of the complete Cabling system including all accessories.	Job	1	10,000/2	10,000/2
				<b>TOTAL Rs.</b>	68,200/2

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total of Electrical work Rs. 2,378,235/2



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S.NO.	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
<b>SECTION - 01, SUPPLY &amp; INSTALLATION OF PLUMBING FIXTURES</b> Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.								
1.1.	Asian style water closet Orisa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.							
a.	Type - IWC	Nos.	8	1500/-	12,000/-	13,500/-	108,000/-	120,000/-
1.2	Wash basin hot and cold water mixer, waste, etc.							
a.	Type - WB	Nos.	10	2800/-	28,000/-	17,000/-	170,000/-	198,000/-
1.3	Toilet Hand Shower with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect.							
	Type - TS	Nos	8	1400/-	11,200/-	4,000/-	37,000/-	43,200/-
1.4	Toilet accessories complete set, (Imported make)							
i.	Soap dish	Nos.	4	200/-	800/-	800/-	3200/-	4,000/-
ii.	Towel Rod	Nos.	4	250/-	1000/-	1900/-	7600/-	8600/-
iii.	Paper holder	Nos.	8	200/-	1600/-	1600/-	12800/-	14,400/-
		<b>Sub Total:</b>						388,200/-
2	<b>SECTION-02 WATER SUPPLY SYSTEM.</b> Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories required to complete systems ready to operate as per specificatoin, drawings & instrucion of Consultant.							
2.1	Polypropylene Random PP-R pipes PN 20 and fittings with fusion jointing alongwth all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding backfilling as required complete in all respect.							
iii.	Dia. 1"	Rft.	120	50/-	6000/-	300/-	36,000/-	42,000/-
iv.	Dia. 1-1/4"	Rft.	50	80/-	4000/-	350/-	17,500/-	21,500/-
iv.	Dia. 1-1/2"	Rft.	30	145/-	4350/-	400/-	12,000/-	16,350/-
2.10	Water supply pumps with electric motor complete in all respects including C.C foundation, intel/outlet connections, electrical connection with all fixing accessories, complete in all respects as per schedule							
i.	Type WP-01	Set	1	4,000/-	4,000/-	50,000/-	50,000/-	54,000/-
		<b>Sub Total:</b>						138,850/-

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S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
5	<b>SECTION-06 SUNDRIES</b>							
	Contractor will priced the sundries items for all Plumbing & Sanitary (P&S) services as per specifications, drawings and instruction of consultant							
5.1	Allow for connection to Municipality manhole including breaking into same, provision of pipelines and the like, making good to the consultant's approval	Job.	1	39,000/-	39,000/-	-	-	39,000/-
5.2	Allow for connection to Municipality water supply including breaking into same, road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	18,000/-	18,000/-	-	-	18,000/-
5.3	Allow for connection to Sui Northern Gas Co. SNGC including road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	12,000/-	12,000/-	-	-	12,000/-
5.4	Submittals, samples, shop drawings, inspections, as built drawings, operation and maintenance manuals and the like as required by specification.	Job.	1	18,000/-	18,000/-	-	-	18,000/-
5.5	Painting, identification and tagging to the M&P installations and equipments.	Job.	1	12,000/-	12,000/-	-	-	12,000/-
5.6	Testing, and commissioning entire M&P installation as per Engineer's approval	Job.	1	15,000/-	15,000/-	-	-	15,000/-
5.7	Builders work in connection with M&P installation including foundation, bases, inertia blocks, all sleeves, fire resistant sealant, fire stops requirements, etc.	Job.	1	5,000/-	5,000/-	10,000/-	10,000/-	15,000/-
5.8	Maintenance of the complete M&P installation as specified	Job.	1	85,000/-	85,000/-	-	-	85,000/-
5.9	Spares to be handed over to client (submit list of spares with bid)	Set.	1	-	-	65,000/-	65,000/-	65,000/-
	The contractor will list here and price items shown on the drgs, mentioned in the specification or required for the satisfactory completion and function of all mechanical and plumbing services, but not mentioned herein. Any such items not listed below shall be deemed to be included.	Item.	1	15,000/-	15,000/-	40,000/-	40,000/-	55,000/-
	<b>Sub Total:</b>							325,000/-

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total of Plumbing Rs/1,057,930/-

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S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
<b>SUPPLY &amp; INSTALLATION OF VRV SYSTEM (Main)</b>								
<b>1</b>	<b>Indoor Units</b>							
1.1	Cassette type Unit complete in all respect							
	2.0 TR	8	Nos.	195,000/-	1,560,000/-	8,000/-	64,000/-	1,624,000/-
1.1	Cassette type Unit complete in all respect							
	1.5 TR	1	Nos.	150,000/-	150,000/-	8,000/-	8,000/-	158,000/-
1.2	Fresh Air Ducted Unit complete in all respect							
	4.0 TR	1	Nos.	315,000/-	315,000/-	8,000/-	8,000/-	323,000/-
<b>2</b>	<b>Outdoor Units</b>							
	installation, testing and commissioning of VRV Outdoor Unit complete with all accessories.							
	CU-01	1	Nos.	1,850,000/-	1,850,000/-	15,000/-	15,000/-	1,865,000/-
<b>3</b>	<b>Air Curtain</b>							
	size 4'-6"	1	Nos.	65,000/-	65,000/-	5,000/-	5,000/-	70,000/-
4	Lifting of Indoors and Outdoors	1	Job			200,000/-	200,000/-	200,000/-
5	Communication and Power Wiring for indoor and outdoor units complete in all respects	1	Job	500,000/-	500,000/-	50,000/-	50,000/-	550,000/-
6	Supply and Installation of Refrigerant Piping, Muller China							
	Diameter 1/4"	10	RFT	310/-	3,100/-	65/-	650/-	3,750/-
	Diameter 3/8"	133	RFT	350/-	46,550/-	65/-	8,645/-	55,195/-
	Diameter 1/2"	29	RFT	400/-	11,600/-	70/-	2,030/-	13,630/-
	Diameter 5/8"	126	RFT	450/-	56,700/-	70/-	8,820/-	65,520/-
	Diameter 3/4"	30	RFT	650/-	19,500/-	70/-	2,100/-	21,600/-
	Diameter 7/8"	19	RFT	700/-	13,300/-	100/-	1,900/-	15,200/-
	Diameter 1-1/8"	31	RFT	1,000/-	31,000/-	150/-	4,650/-	35,650/-
	Diameter 1-3/8"	30	RFT	1,200/-	36,000/-	175/-	5,250/-	41,250/-

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S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
7	Supply and Installation of Refrigerant Piping Insulation with accessories							
	Diameter 1/4"	10	RFT	30/2	300/2	10/2	100/2	300/2
	Diameter 3/8"	133	RFT	35/2	3,325/2	10/2	1330/2	4,655/2
	Diameter 1/2"	29	RFT	40/2	1,160/2	10/2	290/2	1450/2
	Diameter 5/8"	126	RFT	50/2	6,300/2	10/2	1260/2	7560/2
	Diameter 3/4"	30	RFT	65/2	1,950/2	15/2	450/2	3400/2
	Diameter 7/8"	19	RFT	75/2	1,425/2	15/2	285/2	1,710/2
	Diameter 1-1/8"	31	RFT	75/2	2,325/2	30/2	930/2	3,255/2
	Diameter 1-3/8"	30	RFT	100/2	3,000/2	30/2	900/2	3,900/2
8	Supply and Installation of Drain Piping	1	Lot	75,000/2	75,000/2	10,000/2	10,000/2	85,000/2
9	Supply and Installation of Drain Piping Insulation	1	Lot	25,000/2	25,000/2	5,000/2	5,000/2	30,000/2
10	M.S Supports/ Hangers for Refrigerant Piping where required	1	Lot	40,000/2	40,000/2	10,000/2	10,000/2	50,000/2
11	Additional refrigerant charging	1	Lot	40,000/2	40,000/2	10,000/2	10,000/2	50,000/2
12	Shop Drawings and Asbuilts	1	Lot	-	-	10,000/2	10,000/2	10,000/2
13	*Shut off Valves	ate On	Lot	-	-	-	-	-
14	MCC Panel for indoor and outdoor	ate On	Job	200,000/2	200,000/2	15,000/2	15,000/2	215,000/2
<b>TOTAL COST OF INSTALLATION OF AC UNITS</b>								5292,025/2
<b>GRAND TOTAL</b>								41,165,746/2

**TERMS AND CONDITIONS**

- Any typographical errors in the Schedule B are subject to the correction with Reference to the Schedule of rate General 2012 enforced from 12<sup>th</sup> July 2012 as Approved by the SRC Sindh, Karachi.
- Arbitration clause stands deleted from the agreement.
- No premium shall be paid on a Non schedule items.
- 100% Well Graded crushed bajri shall be used in items of work without any extra payment.
- All sample of items should be got approved by the Engineer Incharge.

GRAND TOTAL. 41,165,746/2.  
 forty one million one sixty five thousand seven hundred and forty six only.

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(HAFIZ SAFDAR SHAIKH)  
 Assistant Engineer,  
 CPO, Sindh, Karachi.

**OFFICE OF THE DEPUTY INSPECTOR GENERAL OF POLICE,  
TRAFFIC (LICENSING & TRAINING), KARACHI  
11<sup>TH</sup> ZAMZAMA STREET (ADJACENT DL BRANCH), CLIFTON, KARACHI**

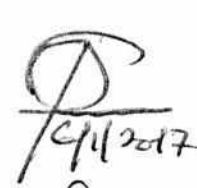
To, M/S. Ali Jumani Enterprises.

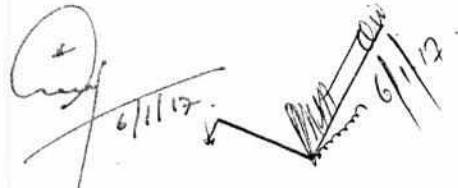
GR No. 03  
Date: 30-12-16

- ▲ Due date: 06-01-2017
- ▲ Time of Opening: 15:00 HRS
- ▲ Place of Opening: Office of DIGP Traffic (L&T) 11<sup>th</sup> Zamzama Street Clifton Karachi.

Name of work: **REPAIR & RENOVATION WORK OF SALEEM WAHIDY AUDITORIUM AND OTHER OFFICES OF TRAFFIC BRANCH (L&T) KARACHI**

1. Name of firm Ali Jumani Enterprises
2. Address 02, Plot No 76-C Khayaban-e-Jami Phase VII Karachi
3. Full name of bidder Ali Hassan 41304-6077284-7  
With CNIC#, Address Bungalow No 96, 79th Street Khayaban-e-Sahar  
Phone Landline/Cell. Phase VI DHA Karachi
4. Person/representation to whom contact with  
CNIC No. Landline/Cell No. 03003799899
5. NTN Number 3615539-0
6. Category of Registration with limit C-4 (150 Millions)
7. Validation of Registration 31-12-2016
8. Schedule "B" form may be attached. Attached/Enclosed
9. Cost of work 42,760,790/-
10. Earnest Money 10,690,200
11. Pay order No & Date 02945029 5/01/2017
12. Name of Bank with Branch Code Bank-Al-Habib limited (1055) DHA-Phase IV B1
13. Signature & Seal Ali Hassan
14. **NOTE.** The above work of Repair & Renovation would be done subject to availability of fund.

  
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**(IMRAN AHMED KHAN)**  
DSP/Admin  
For Deputy Inspector General of Police  
Traffic Licensing & Training  
**Karachi**

NAME OF WORK:

REPAIR & RENOVATION OF SALEEM WAHIDI AUDITORIUM AND ALLIED BUILDING OF TRAFFIC L&T, CLIFTON KARACHISCHEDULE BOOK DOCUMENTSCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Excavation in foundation buildings bridges and other structure in/c dabling dressing refilling around structure with excavated earth watering and ramming lead upto 5ft. (b) In ordinary soil. (SI.18-b/P-4)	4991	3176.25	%Cft	15852
2.	Cement concrete brick or stone ballast 1 1/2" to 2" gauge of ratio 1:5:10 (SI.4-c/P-15)	40.50	8694.95	%Cft	3521
3.	(a) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of )(b) Using Tor bars. (SI.8/P-17)	844.34	5001.70	P/Cwt	4223136
4.	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 for forms molds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1: 2: 4) 90 Lbs. cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. (SI.6 (a) (I) / P-16).	15761	337.00	P/Cft	5311457
5.	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50ft) (SI.23/ P-04).	632	2722	%Cft	1720
6.	Damp proof course with cement sand Ratio (1:2) mixed with damps (a)1 1/2" thick (SI.69-A/P-107)	1148	1934.82	%Sft	22212
7.	Damp proof course with cement sand Ratio (1:2) mixed with damps (b)3/4 thick (SI.69-b/P-107)	1148	2401.58	%Sft	27570
8.	Add extra in cement concrete floor topping, if finished with pigment and polishing (SI.17/P-42)	2700	1071.40	%Sft	28927
9.	Preparing the surface and painting with matt finish in/c rubbing the surface with Bathy (Silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of Paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make et complete (New surface ) (B) 2 <sup>nd</sup> & subsequent coat. (SI.36-A+B+B)/P-55) (Three coats)	5935	3444.38	%Sft	204424
10.	Providing Anti-terminate treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction under the slab and along attached perches or entrance etc, complete as per directions of Engineer Incharge. (SI-91/P-109)	4080	40.10	P.Rft	163608
<b>Total:</b>					<b>10034119</b>
<b>Add 10% above on item No: 03</b>					<b>422314</b>
<b>Total:</b>					<b>10456433/=</b>

NON-SCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Removing of existing construction including tools & equipments, all necessary precautionary measures, stacking useable at designated, existing slab cement chipping, AC / Electrical or any other item which is required to be removed place for Owner's properly, carting away surplus, stuff, etc. from site complete in all respect.	496	520	P/Cft	257920/=

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2.	The Contractor shall install maintain and operate a system wells, trenches and pumps as required to perform the excavations for the areas and subsequent construction of the structures and placement of back fill in the dry. All excavations shall be dewatered and kept free of standing water, complete in all respect as directed by the Consultant (Pump)	2	13208	P/Day	26416/=
3.	Earth filling with offsite material ( <b>brought from out side source</b> ) in plinth, depression and where ever required laid in 300mm layer well watered, consolidated and compacted with mechanical means complete as per drawing and as directed by the Consultants	632	81	P/Cft	51192/=
4.	Providing and laying stone soling to 150mm thick with broken stones and filling the voids with stone metals 19 to 37mm size and fine sand, well rammed, watered, consolidated and compacted with mechanical means. Complete as per drg. and as directed by Consultants	1132	74	P/Sft	83768/=
5.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants a) 75mm thick (Sub floor)	221	317	P/Cft	70057/=
6.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants b) 100mm thick (plat form for Kitchen Cabinet)	221	431	P/Sft	95251/=
7.	Providing and laying specified bitumen hycarb AHS hycarb bitumen (60 lbs/100 Sft) in 3 coats including primer coat on Roof, Kitchen and toilet floors each coat to be applied at least 24 hours after application of the previous coat application of bituminous coat should be commenced at least after 10 days of completion of curing period complete as per drawing and as directed by the Consultant	2600	68	P/Sft	176800/=
8.	Providing and laying C.C. 1:4:8 bed concrete using graded screened bajri 9mm and down gauge as fine aggregate and stone ballast 25 to 50mm size as coarse aggregate in foundation over well compacted earth including levelling and curing etc. complete as per drawing and as directed by the Consultants	2600	153	P/Sft	397800/=
9.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	800	78	P/Sft	62400/=
10.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" thick Solid	1300	98	P/Sft	127400/=
11.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for	170	197	P/Sft	33490/=

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	bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" to 12" thick Solid				
12.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. a ) ½" thick Smooth Plaster.	4395	62	P/Sft	272490/-
13.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. b ) ¾" thick Smooth Plaster	4395	72	P/Sft	316440/-
14.	Provide & lay in line and level imported carpet tiles of approved sample with approved adhesive with minimum joint, including cutting, lifting, wastage, etc, complete in all respect as per drawing and instruction of the Architect. For payment net installed carpet tiles area will be measured. Wastage factor should be added by contractor in his unit rate	1690	592	P/Sft	1000480/-
15.	Provide and install in line & level Pre-finished Wooden Laminated Flooring, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	300	530	P/Sft	159000/-
16.	Provide and install in line & level Pre-finished Wooden Laminate floor planks fixed with approved adhesive on ¾" thick MDF board (Lasani or approved equivalent) with solignum treated partial wood internal framing of approved sections, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	80	572	P/Sft	45760/-
17.	Provide and lay porcelain tile of approved sample & design for flooring with 1:4 cement sand mortar base of required thickness so as to achieve a minimum overall finished floor thickness of 2", setting the tiles with neat cement mortar, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including curing, cleaning, cutting (cut to size, where required), lifting, hacking of existing surface for bonding where necessary, etc., complete in all respect as per specifications and drawings.	659	488	P/Sft	321592/-
18.	Provide and lay minimum ¾" thick stone of approved sample, design & finish with 1:4 cement sand mortar base of required thickness, setting the stone with neat cement mortar, grouting the joints with 1:4 cement sand mortar, including curing, cleaning, cutting (cut to size, where required), making of grooves & round / Beveled edges (where shown), hacking of existing surface for bonding where necessary, etc., complete in all respect. For payment net stone area will be measured.	360	977	P/Sft	317720/-

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19.	<p>Planter (External) Provide and construct Planter as per following detail. For payment planter plan area from outer edges shall be measured.</p> <p>A) C.C. Block masonry of approved thickness. b) ¾" thick plaster with pudlo mixed on internal floor and ¾" thick plain plaster on walls, etc., complete in all respect. c) Cementitious waterproofing treatment by brush application of ICS / Penetron International Ltd or approved equivalent including treatment at the junctions of horizontal &amp; vertical surface, etc., as per manufacturer's specifications and instructions. d) Provide and lay wash Pebble (HUB) of approved sizes, including washing, cleaning, lifting, wastage, etc., complete in all respect. e) ¾" thick stone on Coping &amp; outer vertical surface of walls around Planter fixed with base mortar of approved thickness, 40mm x 40mm x 5mm thick M.S. Angle for bottom support fixed on wall with screws, including curing, cleaning, cutting, making of grooves &amp; round / beveled edges as shown etc., complete in all respect.</p>	232	1820	P/Sft	422240/-
20.	<p>C.C. Pavers (External). Provide and lay 8" x 4" x 2½" thick C.C. Pavers (75% Grey &amp; 25% Pigmented) of approved sample with sand bed of required thickness, including compacting etc., complete in all respect.</p>	3620	249	P/Sft	901380/-
21.	<p>Provide and lay porcelain tile dado of approved sample fixed with approved adhesive on cement board partition &amp; 1:4 cement sand mortar base of required thickness, setting the tiles with neat cement mortar on walls, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications &amp; instructions, including, curing, cleaning, cutting of tiles to required sizes (where required), lifting, etc., complete in all respect as per specifications and drawings.</p>	1400	504	P/Sft	705600/-
22.	<p>Same as Item # 6.1 above but with 4" high Porcelain Tile (cut to size) of approved sample for skirting etc., complete in all respect. For payment net running length of skirting will be measured.</p>	200	130	P/Rft	26000/-
23.	<p>Provide and install in position aluminum windows, consisting of solignum treated partial wood frame of approved sections (where shown), aluminum Main &amp; shutter frame of approved sections natural anodized powder coated (Pakistan Cables or approved equivalent) with 6mm thick tempered clear float glass of approved sample, 6mm thick commercial ply on bottom as shown in drawings &amp; details, including all hardwares, sliding mechanism of approved sample for sliding panels, silicon sealant, rubber &amp; neoprene gasket, wastage, fixing arrangements, lifting, cutting, scaffolding, etc., complete in all respect. For payment frame to frame will be measured.</p>	12	1404	P/Sft	16848/-
24.	<p>Provide and install in position 1½" to 8" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing &amp; instruction of the Architect. For payment net cladding area will be measured.</p>	825	769	P/Sft	634425/-
25.	<p>Provide and install in position 3" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 20mm thick MDF board (Lasani or approved equivalent) fixed on frame, Fabric of approved quality &amp; sample (Project Fabric or approved equivalent) fixed with approved adhesive on MDF board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing &amp; instruction of the Architect.</p>	210	842	P/Sft	176820/-

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	For payment net cladding area will be measured.				
26.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.	119	2033	P/Sft	241927/-
27.	Provide and install in position Pre-Cast Fair Faced Panel of approved sample & shades, including making grooves, chamfered edges, joint details, sealant, fixing & framing system, protection of panels, etc. all as per manufacturer's specifications and instructions, scaffolding arrangement, fixing arrangement, etc. complete in all respect as per specifications and drawings. For payment finished / installed exposed area (elevation linear width x linear height or linear length x linear width) will be measured i.e. grooves / chamfered edges, shall deem to have been covered in this measurement and shall not be measured separately.	900	592	P/Sft	532800/-
28.	Provide and install in position Wooden Post, consisting of 2" x 2" Solid White Oak Wood with approved polish finish fixed on floor, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side running length of post without thickness will be measured.	210	629	P/Rft	132090/-
29.	Provide and install in position Wooden Screen, consisting of 2" x 1" thick Solid White Oak Wood ribs with approved polish finish, 2" thick gap between two ribs, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side elevation area of screen including gaps will be measured.	127	1892	P/Sft	240284/-
30.	Provide and install in position Wooden doors, consisting of 1½" thick shutter (for shutters solignum treated partial wood infill framing), ½" thick Solid White Oak wood (Comb Finish) on both side of shutter, natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, 1½" x 1½" thick Solid White Oak wood for Handle, Solid White Oak wood lipping on edges with approved polish finish on all wood works, Metal Plate with approved Powder Coated finish as shown, making of groove where required, including all hardwares, hinges, lock, glue, wastage, Silicone sealant, rubber gasket, lifting, etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	180	2594	P/Sft	466920/-
31.	Provide and install in position wooden door, consisting of 1½" thick solid core flush shutter (for flush door shutters partial wood infill framing), formica (Tuff Formica textured finish of Baluchistan Laminate or approved equivalent) on both side of shutter with 100mm x 40mm thick natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, Golden Teak wood lipping with approved polish finish, including all hardwares, making of groove (where required), S.S. hinges & handle, lock, plastic louvers of approved sample, S.S. Push Plate 18 SWG (for Type-C), glue, wastage, Silicone sealant, rubber gasket, lifting, fixing, cutting etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	130	1752	P/Sft	227760/-
32.	Provide and install in position Gypsum Board Ceiling, consisting of G.I. frame work of approved sections with G.I. Hangers and 16-	575	348	P/Sft	200100/-

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	18 swg. aluminum edgings as shown, 12mm thick Gypsum Board Sheet (Gypsum Board : Elephant Brand Thailand or approved equivalent), cutting of opening for light fixtures / diffusers with making of light pelmet, fiber tape on joints, including 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on Gypsum board, primer coat filling if required and all other hardwares, wastage, scaffolding, making access panel (where required), etc., complete in all respect. For payment exposed sheet surface area will be measured.				
33.	Gypsum Board Ceiling Paint Finish in Toilets. Same as Item # 10.1 above but with 12mm thick M.R. (Moisture Resistance) Gypsum Board sheet (Elephant brand - Thailand) etc., complete in all respect. For payment exposed sheet surface area will be measured.	700	364	P/Sft	254800/-
34.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on bottom of MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	1000	806	P/Sft	806000/-
35.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barelay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	350	2314	P/Sft	809900/-
36.	Provide and install in position Wooden Trellis, consisting of 2½" x 1½" thick Solid White Oak wood main support, 2" x 1" thick Solid White Oak wood strips fixed on main support with approved polish finish, 3/8" dia M.S. Bar hanger welded with 6" x 1½" x ¼" thick M.S. Plate screw with wooden support & welded with 4" x 4" x ¼" thick M.S. Plate fixed on existing slab with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured.	650	2178	P/Sft	1415700/-
37.	Provide and install in position Wooden Trellis, consisting of 6" x 3" thick Solid White Oak wood strips & 3" thick gap between two strips fixed on 3" x 1½" thick Solid White Oak wood vertical post for support with approved polish finish, 3" x 6" x ¼" thick M.S. Box section for top support welded with 18" x 3" x ¼" thick M.S.Box Section for main vertical support welded with ¼" thick M.S. Base Plate fixed on floor with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured including the cost of all M.S. Work.	1355	3811	P/Sft	5163905/-
38.	Provide and Install in position 14'-0" wide x 2'-0" deep x 2'-10" high Reception Counter, consisting of solignum treated partial wood frame of approved sections (as shown), 12mm thick MDF board (Lasani or approved equivalent) for counter top, partition &	1	150800	P/Job	150800/-

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	structure fixed on wooden frame, 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approved adhesive on MDF board for counter top, 3" x 1" thick Solid White Oak wood strips on front with approved polish finish & 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on MDF board as shown in the drawings & details, including all hardwares, edge making, wastage, cutting, lifting, etc., complete in all respect & instruction of the Architect.				
39.	Provide and install in position Acrylic finish Counter, consisting of 1 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 20mm thick water proof MDF board (Lasani or approved equivalent), 1 1/2" x 1 1/2" x 1/4" thick M.S. Angle frame for counter support embedded in wall, solignum treated partial wood frame of approved sections (as shown), including three coats of Matt Enamel paint finish (Jotun / ICI or Berger) & two coats of anti-corrosive paint (ICI / Berger) on all M.S. work and all other hardwares, wastage, lifting, cutting, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2735	P/Sft	177775/-
40.	Provide and install in position Acrylic finish Coping on 4" wide plumbing wall, consisting of 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 12mm thick water proof MDF board (Lasani or approved equivalent) as shown in the drawings & details, including all hardwares, wastage, lifting, cutting, fixing, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2808	P/Sft	182520/-
41.	Provide and install in position Mirror, consisting of 5mm thick Belgium Mirror with beveled edge of approved quality, 1/2" thick marine ply backing fixed with 3/4" x 3/4" x 1/8" S.S. Angle for support fix on wall, including all hardwares, wastage, lifting, cutting, fixing, approve adhesive etc., complete in all respect. For payment net installed mirror area will be measured.	110	910	P/Sft	100100/-
42.	Provide and install in position Wooden lipping, consisting of 6" x 1/4" thick Solid White Oak Wood for lipping with approved polish finish, including all hardwares, glue, wastage, cutting, lifting, etc., complete in all respect and as per drawing & instruction of the Architect. For payment net running length of lipping will be measured.	46	452	P/Rft	20792/-
43.	Provide & install in position pre-fabricated 450mm x 450mm in size Aluminum Access Panels of approved quality with powder coating of approved shade & sample, including all hardwares, hinges, wastage, fixing arrangement etc., complete in all respect.	26	17550	P/Nos	456300/-
44.	Providing, cutting, welding, fabricating, hoisting and fixing in position, M.S. structural members such as I - sections, channels, angles, checkered plates, nuts & bolts (HILTI), cleats etc as shown in drawing. Complete with 4mm thick fillet welding (all around the section) as shown in drawing, grinded the welded joints, applying two coats of anti-corrosive paint & 3 coats of matt-enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work. Complete with all materials, tools, plants, and machinery, complete with wastage, welding rods etc. Complete upto required height and level. Complete in all respect as per drawing, specifications and directed by Architect.	1600	332	Kgs	531200/-
45.	Provide and install in position M.S. Railing, consisting of 2" x 1 1/2" x 18 SWG M.S. Pipe for vertical post & handrail welded with M.S. Structure, including two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work and all other hardwares, wastages, welding, lifting, cutting, fixing etc., complete in all respect & instruction of the Architect. For payment net running length of railing will be measured.	66	1752	P/Rft	115632/-
				Total:	18980594/-

TOTAL OF CIVIL/ID Rs. 29,43,702/-

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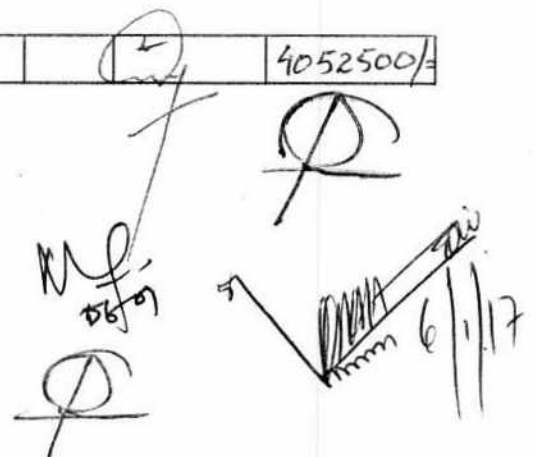
Sr. No.	Particulars	Qty.	Unit	Rate Rs.	Amount Rs.
<b>FURNITURE WORKS</b>					
<b>A</b>	<b>Sofa &amp; Chair</b>				
a	Providing and making sofa & chairs of "CHAIRISTER" make as per following specifications,				
i	using best quality Oak wood, well seasoned				
ii	using best quality (Imported) fabric @Rs. 1000/-meter				
iii	using MASTER Moulty Foam or approved equivalent				
iv	Lacquer polish finish to all wood surfaces except noted otherwise				
v	Best quality Hardware to be used				
vi	Using imported base and side arms				
b	Samples of all the items will be approved before the final product.				
i	C1 - Stage Chairs	5.00	No	30500	152500/-
ii	C2 - Auditorium Chair	120.00	No	31500	3780000/-
c	Providing, making and fixing, as per detail, drawing and standard specification as approved				
<b>3- Seater Sofa</b>					
i	ES1	2.00	No	60000	120000/-



<b>Total of 'A'</b>					4052500/-
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S.No.	Description	Unit	Qty.	Rate	Amount
1.0	<b>LIGHTING FIXTURES</b>				
1.1	Supply, installation and connection of the following lighting fixtures. Complete with all mounting accessories.				
a)	Fixture Type 'A' (Recessed) Down lighter with 1x 35W LED Lamp.	Nos.	13	5720	74360/=
b)	Fixture Type 'B' (Recessed) Down lighter with 1x12W LED lamp.	Nos.	28	4680	131040/=
c)	Fixture Type 'C' (Recessed) Down lighter with 1x7W LED lamp.	Nos.	23	4160	95680/=
d)	Fixture Type 'D' (Wall light) Basic Price Item Rs. 2500/=	Nos.	22	3605	79310/=
e)	Fixture Type 'E' (Surface) RGB strip light of 5mtr coil.	Nos	6	12480	74880/=
f)	Fixture Type 'F' (Surface) Philips TMS-128, 1 x 28 W T5 lamp with colour 83 lamp.	Nos.	26	1854	48204/=
g)	Fixture Type 'G' (Surface) Menvier emergency light with 1x8 watts fl.lamp including exit sign.	Nos.	4	12360	49440/=
1.2)	Providing and installing of 12" dia exhaust fan with plastic louver.	Nos.	4	4680	18720/=
				<b>TOTAL Rs.</b>	<b>571634/=</b>
2.0	<b>FIRE ALARM SYSTEM</b>				
2.1	Providing ,installation and connection of conventional type 2-zone fire alarm control panel (FACP).	No.	1	38480	38480/=
2.2	Supply, installation and connection of conventional type smoke detector.	Nos.	6	4635	27810/=
2.3	Supply, installation and connection of conventional type heat detector.	No.	1	4944	4944/=
2.4	Supply, installation and connection of conventional type manual break glass station.	Nos.	2	4120	8240/=
2.5	Supply, installation and connection of electronic sounder .	Nos.	2	5200	10400/=

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S.No.	Description	Unit	Qty.	Rate	Amount
2.6	Supply and installation of wiring for smoke detector and manual call point devices wired with 2xC-1.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to devices.	Mtr.	40	203	8120/=
2.7	Supply and installation of wiring for electronic sounder wired with 2x1C-2.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to sounder.	Mtr.	20	307	6140/=
2.8	Testing and commissioning of the entire system by authorized local supplier.	Job	1	5150	5150/=
				<b>TOTAL Rs.</b>	<b>109284/=</b>
<b>3.0</b>	<b>CCTV SYSTEM</b>				
3.1	Supply and installation of dome type camera. Complete with all mounting accessories.	Nos.	7	15450	108150/=
3.2	Supply and installation of 8channel digital video recorder (DVR).	Job	1	154500	154500/=
3.3	Supply and installation of 24" color monitor. Complete with all mounting accessories.	No.	1	36050	36050/=
3.4	Supply, installation and connection of RG6 coaxial cable in 25mm dia. PVC conduit from camera to to DVR. Complete with all mounting accessories.	Mtr.	90	201	18090/=
3.5	Supply, installation and connection of 3C-1.5mm <sup>2</sup> PVC/PVC cable for power supply to CCTV cameras in PVC conduit.	Mtr.	80	255	20400/=
3.6	Testing and commissioning of the entire system by authorized local supplier.	Job	1	10400	10400/=
				<b>TOTAL Rs.</b>	<b>347590/=</b>
<b>4.0</b>	<b>SOUND SYSTEM</b>				
4.1	Supply and installation of sound system complete with all accessories power supply unit, comprising of the following items as per drawings & specifications, complete in all respect.				

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S.No.	Description	Unit	Qty.	Rate	Amount
a)	Supply & installation of mixer amplifier of 120w upto 1 microphone and 1 line level inputs.	No.	1	47250	47250/=
b)	Column type speaker rated input 30w shall have a SPL of 94dB at 1 w/m 7khz and a coverage angle of 180°.	Nos.	12	29120	349440/=
c)	Interconnects, connectors, cables.	Lot.	1	28800	28800/=
4.2	Speakers wiring with 3C-2.5mm <sup>2</sup> PVC/PVC cable in 25mm dia. PVC conduit.	Mtr.	90	328	29520/=
4.3	Testing and commissioning of the entire system by authorized local supplier.	Job	1	10200	10200/=
				<b>TOTAL Rs.</b>	<b>465210/=</b>
<b>5.0</b>	<b>LIGHT, FAN, SOCKET WIRING</b>				
5.1	Providing and installing of light point wiring with 3x1.5 sq.mm single core PVC insulated 300/500 V grade copper wires in 20mm dia. PVC conduit surface/concealed mounted including all accessories, connector/PVC junction boxes, 1.5 sq.mm 3-core PVC/PVC cable in flexible PVC conduit for final connection, complete in all respects.				
a)	Light point controlled by one switch.	Nos.	55	2678	147290/=
b)	Light point from point to point.	Nos.	50	1855	92750/=
c)	Fixture to fixture wiring with 3-core 1.5sq.mm PVC/PVC cable.	Nos.	18	2050	36900/=
d)	Exhaust fan point.	Nos.	3	1850	5550/=
e)	Circuit wiring from distribution board to switch/lighting points with 3x2.5 sq.mm single core PVC wires in PVC conduit complete with all accessories.	Nos.	3	5000	15000/=
f)	Circuit wiring for group control from respective distribution board to first light point wired with 3x2.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	No.	1	5000	5000/=

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S.No.	Description	Unit	Qty.	Rate	Amount
g)	Same as item 5.1f, above but from light point to point with 3x1.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	Nos.	10	1850	18500/-
5.2	Providing and installing of wiring from distribution board for 13A international switch socket outlets with 3 x 2.5 sq.mm single core PVC insulated copper wires in 25mm dia. PVC conduit concealed / surface mounted, with all accessories.	Nos.	3	5150	15450/-
5.3	Same as item 5.2, but wiring from point to point.	Nos.	12	2850	34200/-
5.4	Providing & installing of wiring for AC unit from DB to load break switch wired with with 3x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	8900	8900/-
5.5	Providing & installing of wiring for AC unit from DB to load break switch wired with with 5x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	19550	19550/-
5.6	Supply and installation of sheet steel back box including earth link. Complete with all mounting accessories.	Nos.	40	190	7600/-
5.7	Supply and installation of following Clipsal Vivace series switches and sockets on already installed sheet steel back boxes.				
a)	One Gang Switch	Nos.	2	250	500/-
b)	One Gang Switch	No.	1	405	405/-
c)	Three Gang Switch	Nos.	6	510	3060/-
d)	Four Gang Switch	Nos.	4	615	2460/-
e)	13Amp. International Switch Socket Outlet.	Nos.	20	765	15300/-
				TOTAL Rs.	428415/-
6.0	L V SWITCHGEAR				

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S.No.	Description	Unit	Qty.	Rate	Amount
6.1	Supply, installation and connection of the mixed capacity distribution board. Complete with all mounting accessories as per drawing. DB should be of anticorrosive type.	No.	1	150500	150500/-
6.2	Supply, installation and connection of the following load break switch / MCB's in weather proof sheet steel enclosure including earth and neutral terminal. Complete with all mounting accessories.				
a)	20A.DP.MCB(10KA)	No.	1	5250	5250/-
b)	30A.TP.MCB(10KA)	No.	1	6200	6200/-
				<b>TOTAL Rs.</b>	<b>161950/-</b>
7.0	<b>MAIN/SUB-MAIN CABLES</b>				
7.1	Supply installation and connection of the following submain 600V/1000V grade PVC insulated multi core copper cables in already installed PVC conduit, complete with all accessories.				
a)	From Existing Panel to Dist.Board 4C-35sq.mm PVC/PVC + 1x1C-16sqmm PVC cables.	Mtr.	70	3150	220500/-
	<b>Note:</b> Actual length of the cable as per site. Contractor has to procure / order the quantity of the cable after site visit.				
				<b>TOTAL Rs.</b>	<b>220500/-</b>
8.0	<b>G.I. PULL BOXES / PVC PIPES.</b>				
8.1	Supply and installation of 14 SWG anticorrosive sheet steel under floor pull boxes including cover, brass earth terminal, metal cable separators and all fixing accessories of the following size.				
a)	200mm x 200mm x 50mm	Nos.	10	3600	36000/-
8.2	Supply & installation of 14SWG anticorrosive sheet steel under floor box with brass cover including terminals.	Nos.	2	4650	9300/-

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S.No.	Description	Unit	Qty.	Rate	Amount
8.3	Providing and installation of PVC pipes including all accessories (e.g. bends, sockets etc.) of the following sizes.				
a)	50mm dia. PVC pipe.	Mtr.	70	245	17150/=
b)	38mm dia. PVC pipe.	Mtr.	50	200	10000/=
c)	32mm dia. PVC pipe.	Mtr.	40	100	4000/=
d)	25mm dia. PVC pipe.	Mtr.	220	80	17600/=
e)	25mm dia. Flexible PVC pipe.	Mtr.	70	70	4900/=
				<b>TOTAL Rs.</b>	<b>98950/=</b>
9.0	<b>Data / Voice CABLING WORKS</b>				
9.1	Supply, installation and connecting-up of Cat-6 UTP, RJ-45 data/voice outlet(duplex) , 4-Pair modular, snap mounted on British standard face plate, white finish, including any modification required, complete with shuttered click-ins, labels and all accessories including sheet steel anticorrosive type back box.	Nos.	3	4650	13950/=
a)	Same as item 9.1 above, but simplex face plate for wifi point.	Nos.	3	4150	12450/=
9.2	Supply, Installation and termination at Patch Panel and outlet Data / Voice of horizontal 4 pair Cat. 6 UTP Cable, 23 AWG solid copper conductor in already laid cable trunking and conduit drops to outlet including labeling at both ends.	Mtr.	60	200	12000/=
9.3	Supply and installation of 16Port patch panel including 2U wall mounted type rack,cable mangement. Complete with all mounting accessories.	Job	1	22000	22000/=
9.4	Termination & testing of the complete Cabling system including all accessories.	Job	1	10500	10500/=
				<b>TOTAL Rs.</b>	<b>70900/=</b>

TOTAL OF ELECTRICAL Rs.2474,433/=

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S.NO.	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT RS
	<b>SECTION - 01, SUPPLY &amp; INSTALLATION OF PLUMBING FIXTURES</b>							
	Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.							
1.1.	Asian style water closet Orisa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.							
a.	Type - IWC	Nos.	8	1560	12480	14040	112320	124800/=
1.2	Wash basin hot and cold water mixer, waste, etc.							
a.	Type - WB	Nos.	10	2910	29100	17680	176800	205900/=
1.3	Toilet Hand Shower with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect.							
	Type - TS	Nos	8	1455	11640	4160	33280	44920/=
1.4	Toilet accessories complete set, (Imported make)							
i.	Soap dish	Nos.	4	210	840	830	3320	4160/=
ii.	Towel Rod	Nos.	4	260	1040	1975	7900	8940/=
iii.	Paper holder	Nos.	8	210	1680	1660	13280	14960/=
			<b>Sub Total:</b>					403680/=
2	<b>SECTION-02 WATER SUPPLY SYSTEM.</b>							
	Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories required to complete systems ready to operate as per specificatoin, drawings & instrucion of Consultant.							
2.1	Polypropylene Random PP-R pipes PN 20 and fittings with fusion jointing alongwth all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding backfilling as required complete in all respect.							
iii.	Dia. 1"	Rft.	120	52	6240	310	37200	43440
iv.	Dia. 1-1/4"	Rft.	50	83	4150	365	18250	22400
iv.	Dia. 1-1/2"	Rft.	30	150	4500	415	12450	16950
2.10	Water supply pumps with electric motor complete in all respects including C.C foundation, inet/outlet connections, electrical connection with all fixing accessories, complete in all respects as per schedule							
i.	Type WP-01	Set	1	4160	4160	52000	52000	56160
			<b>Sub Total:</b>					138950/=

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S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT RS
3	<b>SECTION-03 SOIL, WASTE VENT AND RAIN WATER DRAINAGE SYSTEM</b> 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 ready to operate as per specifications, drawings and instructions of Consultant.							
3.1	uPVC pipes of approved make alongwith specials, fittings, bends, wye, tees, sockets, sleeves, masking plates, traps, vent cowl, chiseling, making hole, excavation, backfilling making good where as required jointing with rubber ring seal.							
i.	Dia. 1-1/4"	Rft.	35	58	2030	208	7280	9310/=
	Dia. 1-1/2"	Rft.	30	68	2040	270	8100	10140/=
iv.	Dia. 3"	Rft.	15	78	1170	415	6225	7395/=
v.	Dia. 4"	Rft.	100	88	8800	550	55000	63800/=
3.2	Floor trap including SS grating Floor gully, inlet outlet connection complete in all respects.							
i.	a. FT- with 3" P - trap	Nos.	4	365	1460	1870	4780	8940/=
3.3	Cleanout for soil, waste pipes of approved make.							
iv.	For 4" dia. Pipe. With SS floor cover plate	Nos.	4	365	1660	1870	4780	8940/=
3.4	uPVC cowl for vent pipe of the following dia. including all accessories complete.							
i.	a. 4" size.	Nos.	1	135	135	520	520	655/=
		<b>Sub Total:</b>						109180/=
4	<b>SECTION-04 EXTERNAL SEWER &amp; MANHOLES</b> Supply, fixing, testing and commissioning of equipment, pipe work required to complete the sewerage disposal services in all respects with accessories ready to operate as per specifications, drawings and instructions of Consultant.							
4.1	uPVC pipes class 'B' for Sewer drainage with push fit rubber joint including excavation in any type of soil, dewatering if required bedding, back filling with selected material, removing of extra materials.							
i.	Dia. 6"	Rft.	35	260	9100	2080	72800	81900/=
4.2	Construction of manholes with material including, excavation, base top RCC slab CI cover with frame, GI steps, CC benching water proof internal plaster inlet/out connections etc.							
ii.	Size 24"x24"	Nos.	1	7280	7280	20800	20800	28080/=
4.3	Construction of gully trap with material including CI cover, uPVC - P trap inlet out connection.							
		<b>Sub Total:</b>						109980/=

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S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT RS
5	<b>SECTION-06 SUNDRIES</b>							
	Contractor will priced the sundries items for all Plumbing & Sanitary (P&S) services as per specifications, drawings and instruction of consultant							
5.1	Allow for connection to Municipality manhole including breaking into same, provision of pipelines and the like, making good to the consultant's approval	Job.	1	31200	31200	-	-	31200/=
5.2	Allow for connection to Municipality water supply including breaking into same, road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	18720	18720	-	-	18720/=
5.3	Allow for connection to Sui Northern Gas Co. SNGC including road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	12480	12480	-	-	12480/=
5.4	Submittals, samples, shop drawings, inspections, as built drawings, operation and maintenance manuals and the like as required by specification.	Job.	1	18720	18720	-	-	18720/=
5.5	Painting, identification and tagging to the M&P installations and equipments.	Job.	1	12480	12480	-	-	12480/=
5.6	Testing, and commissioning entire M&P installation as per Engineer's approval	Job.	1	15600	15600	-	-	15600/=
5.7	Builders work in connection with M&P installation including foundation, bases, inertia blocks, all sleeves, fire resistant sealant, fire stops requirements, etc.	Job.	1	5200	5200	10400	10400	15600/=
5.8	Maintenance of the complete M&P installation as specified	Job.	1	88400	88400			88400/=
5.9	Spares to be handed over to client (submit list of spares with bid)	Set.	1	-	-	67600	67600	67600/=
	The contractor will list here and price items shown on the drgs, mentioned in the specification or required for the satisfactory completion and function of all mechanical and plumbing services, but not mentioned herein. Any such items not listed below shall be deemed to be included.	Item.	1	15600	15600	41600	41600	57200/=
	<b>Sub Total:</b>							338000/=

TOTAL OF PLUMBING RS. 1,099,790/=

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 Several circular stamps and other illegible markings.

S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
<b>SUPPLY &amp; INSTALLATION OF VRV SYSTEM (Main)</b>								
<b>1</b>	<b>Indoor Units</b>							
1.1	Cassette type Unit complete in all respect							
	2.0 TR	8	Nos.	199000	1592000	8150	65200	1657200/=
1.1	Cassette type Unit complete in all respect							
	1.5 TR	1	Nos.	157000	157000	8300	8300	165300/=
1.2	Fresh Air Ducted Unit complete in all respect							
	4.0 TR	1	Nos.	325000	325000	8250	8250	333250/=
<b>2</b>	<b>Outdoor Units</b>							
	installation, testing and commissioning of VRV Outdoor Unit complete with all accessories.							
	CU-01	1	Nos.	1940000	1940000	15700	15700	1955700/=
<b>3</b>	<b>Air Curtain</b>							
	size 4'-6"	1	Nos.	67000	67000	5200	5200	72200/=
<b>4</b>	<b>Lifting of Indoors and Outdoors</b>							
		1	Job	-	-	210000	210000	210000/=
<b>5</b>	<b>Communication and Power Wiring for indoor and outdoor units complete in all respects</b>							
		1	Job	510000	510000	51000	51000	561000/=
<b>6</b>	<b>Supply and Installation of Refrigerant Piping, Muller China</b>							
	Diameter 1/4"	10	RFT	320	3200	70	700	3900/=
	Diameter 3/8"	133	RFT	360	47880	70	9310	57190/=
	Diameter 1/2"	29	RFT	415	12035	75	2175	14210/=
	Diameter 5/8"	126	RFT	470	59220	75	9450	68670/=
	Diameter 3/4"	30	RFT	665	19950	75	2250	22200/=
	Diameter 7/8"	19	RFT	725	13775	110	2090	15865/=
	Diameter 1-1/8"	31	RFT	1050	32550	160	4960	37510/=
	Diameter 1-3/8"	30	RFT	1250	37500	185	5550	43050/=



S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
7	Supply and Installation of Refrigerant Piping Insulation with accessories							
	Diameter 1/4"	10	RFT	22	220	15	150	370/=
	Diameter 3/8"	133	RFT	27	3591	15	1995	5586/=
	Diameter 1/2"	29	RFT	43	1247	15	435	1682/=
	Diameter 5/8"	126	RFT	55	6930	15	1890	8820/=
	Diameter 3/4"	30	RFT	70	2100	20	600	2700/=
	Diameter 7/8"	19	RFT	80	1520	15	285	1805/=
	Diameter 1-1/8"	31	RFT	80	2480	32	992	3472/=
	Diameter 1-3/8"	30	RFT	105	3150	32	960	4110/=
8	Supply and Installation of Drain Piping	1	Lot	77000	77000	10300	10300	87300/=
9	Supply and Installation of Drain Piping Insulation	1	Lot	25500	25500	5150	5150	30650/=
10	M.S Supports/ Hangers for Refrigerant Piping where required	1	Lot	41000	41000	10300	10300	51300/=
11	Additional refrigerant charging	1	Lot	41000	41000	10300	10300	51300/=
12	Shop Drawings and Asbuilts	1	Lot	-	-	10300	10300	10300/=
13	*Shut off Valves	ate On	Lot	-	-	-	-	-
14	MCC Panel for indoor and out	ate On	Job	205000	205000	15400	15400	220400/=
<b>TOTAL COST OF INSTALLATION OF AC UNITS</b>								<b>5697040/=</b>
<b>GRAND TOTAL</b>								<b>5697040/=</b>

GRAND TOTAL = 42,76,0790/=

**TERMS AND CONDITIONS**

- Any typographical errors in the Schedule B are subject to the correction with Reference to the Schedule of rate General 2012 enforced from 12<sup>th</sup> July 2012 as Approved by the SRC Sindh, Karachi.
- Arbitration clause stands deleted from the agreement.
- No premium shall be paid on a Non schedule items.
- 100% Well Graded crushed bajri shall be used in items of work without any extra payment.
- All sample of items should be got approved by the Engineer Incharge.

*[Handwritten signature]*  
6/1/17

*[Handwritten signature]*

*[Handwritten signature]*  
*[Handwritten signature]*  
06/01/17

*[Handwritten signature]*  
**(HAFIZ SAFDAR SHAIKH)**  
Assistant Engineer,  
CPO, Sindh, Karachi.



روزنامہ جنگ کراچی جمعہ 9 دسمبر 2016ء

ڈپٹی انسپکٹر جنرل آف پولیس ٹریفک

(لائسنسنگ اینڈ ٹریفک) کراچی..... حکومت سندھ

ٹینڈر نوٹس

محکمہ پولیس کے مندرجہ ذیل کاموں کیلئے سندھ پبلک پروکيورمنٹ رولز 2010ء کی مطابقت سے کنٹریکٹرز/کنٹریکٹنگ فرمز سے سربمہر ٹینڈرز مطلوب ہیں:

نمبر شمار	کام کا اسکوپ	تعمین لاگت (تقریباً)	ذریعہ نماندہ	ٹینڈر فیس	مدت تکمیل
1-	مرمت/تعمیر کا کام باہتہ سلیم واحدی پولیس آڈیٹوریم و دیگر دفاتر باہتہ ٹریفک کراچی (L&T)	40 ملین	مجموعی پیشکش کا 2.5% روپے	4,000/-	03 ماہ

شرائط و ضوابط:

- i- کنٹریکٹرز/کنٹریکٹنگ فرمز کا پاکستان انجینئرز کونسل، (ایف بی آر)، آئی ٹیکس، سٹیز ٹیکس اور سندھ ریونیو بورڈ میں رجسٹرڈ ہونا ضروری ہے (NTN اور STN رجسٹریشن سرٹیفکیٹس دکھانے کے)۔
- ii- کنٹریکٹرز/کنٹریکٹنگ فرمز کو ہدایت کی جاتی ہے کہ وہ اپنے نرخ/پنٹ/جاب/ٹی مریج فنٹ/Rft کی بنیاد پر پیش کریں۔
- iii- کاموں کیلئے ادائیگی ہر آئٹم/کام کی تکمیل پر جاب/پنٹ کی بنیاد پر، جیسا بھی معاملہ ہو، تصدیقات کے مطابق پیش اور تصدیق کی بنیاد پر کی جائیگی۔
- iv- ورک کیلکولیشن/RCE میں 5% کمی یا اضافہ ہو سکتا ہے۔
- v- کنٹریکٹرز/کنٹریکٹنگ فرمز کو تجربہ، افرادی قوت/مشینری، مالیاتی حیثیت وغیرہ کے ضمن میں صلاحیت کے حوالے سے شواہد پیش کرنا ہونگے۔ (فرم کی پروفائل، بیلن شیٹ، ایویلو ایشن)۔
- vi- ٹینڈر/پیشکش میں کسی سرکاری ڈپارٹمنٹ یا ایجنسی کے بلیک لسٹ کردہ کنٹریکٹرز/کنٹریکٹنگ فرمز کو شرکت کی اجازت نہیں دی جائیگی (شرکت کرنا والے کنٹریکٹرز/کنٹریکٹنگ فرمز کو اس بیان کا حلف نامہ جمع کرانا ہوگا کہ وہ کسی سرکاری ڈپارٹمنٹ کی جانب سے بلیک لسٹ نہیں کئے گئے)۔
- vii- کنٹریکٹرز کو CNIC کی کاپی اور کنٹریکٹنگ فرمز کو (بھساب کیٹگری) سرٹیفکیٹ آف رجسٹریشن بھی جمع کرانا ہونگے۔
- viii- پیشکشیں صرف ڈپارٹمنٹ ہڈا کی جانب سے جاری کردہ مقررہ ٹینڈر فارم پر ہی قبول کی جائیگی۔ تاہم اگر ضرورت ہو تو اضافی پیشکشیں منسلک کی جاسکتی ہیں۔
- ix- مشروہ ٹینڈرز درخواستوں پر تو نہیں دی جائیگی۔
- x- پیشکش کے کارآمد بننے کی مدت ٹینڈر کھولے جانے کی تاریخ سے کم از کم 90 دن تک ہونی چاہئے۔
- xi- مجاز اتھارٹی سندھ پبلک پروکيورمنٹ رولز 2010ء اور ٹینڈر دستاویزات میں مندر کردہ شرائط و ضوابط سے مشروہ اور ان کی مطابقت سے یہ حق محفوظ رکھتی ہے کہ کوئی یا تمام پیشکشیں ٹینڈر دستاویزات سے

معلومات اور طریق کار:

- 1- کام کے اسکوپ اور متعلقہ تفصیلات مع تصدیقات پر مشتمل پیشکش دستاویزات کا مکمل سیٹ دلچسپی کے حامل کنٹریکٹرز/کنٹریکٹنگ فرمز کو ڈی آئی جی ٹی ٹریفک (L&T) کیارہویں زمرہ اسٹریٹ (متصل ڈی ایل برانچ) کلفٹن کراچی سے دوران اوقات کار پیشکشوں کے جمع کرانے کی آخری تاریخ تک ٹینڈر فیس (ناقابل واپسی) کی ادائیگی پر حاصل کر سکتے ہیں۔ پروکيورمنٹ کا طریق کار منسلک ایچ۔ ڈو لٹا فہ ہوگا۔
- 2- ٹینڈرز/پیشکشیں (باقاعدہ سربمہر کی گئی مع کال ڈپازٹ) دفتر DIGP ٹریفک، لائسنسنگ اینڈ ٹریفک کراچی میں رکھے گئے ٹینڈر بکس میں مندرجہ بالا پتہ پر (آخری تاریخ) 06-01-2016 کو داخل سے پہلے 02:00 بجے تک ڈال دیے جائیں۔ ٹینڈرز/پیشکشیں بدست ڈپازٹ پر پروکيورمنٹ کھلی اسی روز (06-01-2016) سے پہلے 03:00 بجے (حاضری کے خواہشمند) ٹینڈرز/پیشکش میں شریک کنٹریکٹرز/کنٹریکٹنگ فرمز کے باقاعدہ مجاز اتھارٹی کی موجودگی میں کھولی جائیگی۔
- 3- ٹینڈر/پیشکش ہڈا یا کام کی تفصیلات کے متعلق کوئی دیگر معلومات یا کوئی اور وضاحت دوران دفتر کی اوقات ٹینڈر کھولنے سے قبل DIGP ٹریفک (L&T) کلفٹن کراچی کے دیئے گئے پتہ سے حاصل کی جاسکتی ہے۔
- 4- کنٹریکٹرز/کنٹریکٹنگ فرمز کو ان کے اپنے مفاد میں آگاہ کیا جاتا ہے کہ کام کے اسکوپ، کوآئی/کوآپٹیشن کو اچھی طرح سمجھ لیں۔ کسی اضافی/واقعاتی کام (پانی، بجلی یا کسی اور آئٹم کی دستیابی) کا اندازہ کرنے کی غرض سے سائٹ کا معائنہ بھی کر سکتے ہیں جو اس وجہ سے ٹینڈر ہڈا کے کام شروع کرنے سے قبل یا دوران ہونا چاہیے کہ ایسے کاموں کیلئے پولیس ڈپارٹمنٹ اضافی لاگت برداشت نہیں کرے گا اور اس حوالے سے مدت تکمیل میں بھی اضافہ نہیں کیا جائیگا۔
- 5- کام کی شروعات مجاز اتھارٹی کی منظوری اور فٹنرز کی دستیابی سے شروع ہوگی جو ملنے والے ہیں۔

دخلاً: ڈپٹی انسپکٹر جنرل آف پولیس

ٹریفک لائسنسنگ اینڈ ٹریفک کراچی

ٹیلی فون: 021-99250521

INF-KRY-4664/2016

SAY NO TO CORRUPTION

ڊپٽي انسپيڪٽر جنرل آف پوليس  
ٽريفڪ (لائسنسنگ ۽ ٽريننگ) ڪراچي  
حڪومت سنڌ



**ٽينڊر نوٽيس**

پوليس ڊپارٽمينٽ جي هيٺين ڪمن لاءِ ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن کان سنڌ پبلڪ پروسڪيورمينٽ رولز-2010 مطابق مهيند ٽينڊر گهرائجن ٿا.

سريبل نمبر	ڪم جو دائرو	ڪيٽل لاڳت (اٽڪل روپيا)	سوٽي رقم ٽينڊر ڪم جي مڪميل ۾	ڪم جو مڙو
1	سليمبر واڌي پوليس آڊيٽوريم ۽ ٽريفڪ برانچ (L&T) ڪراچي جي ٻين آفيس جو مرمت ۽ رينويشن ڪم.	40 ملين روپيا	جملي واڪ 4000 جو 2.5% روپيا	03 مهينا

**شرط ۽ ضابطا:**

- i. ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن، پاڪستان انجنيئرنگ ڪائونسل (FBR) انڪم ٽيڪس، سيلز ٽيڪس ۽ سنڌ روينيو بورڊ وٽ رجسٽرڊ هئڻ گهرجن. (اين تي اين ۽ ايس تي اين رجسٽريشن سرٽيفڪيٽ گهريل هوندا).
- ii. ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن کي مشورو ٿو ڏجي ته اڪه يونٽ/جاب/في چورس فٽ/RII بنياد تي جائز ٿين.
- iii. جاب، يونٽ جي بنياد تي جيڪا به صورتحال هجي ڪمن لاءِ اڌاڻڪيون اسپيڪيفڪيشن/شيدبول "B" مطابق ماپ ۽ چڪاس جي بنياد تي هر هڪ ائٽمر/ڪم جي مڪمل ٿيڻ تي ڪيون وينديون.
- iv. ڪم جو حساب/RCE پر (+) يا (-) 5% جو فرق ٿي سگهي ٿو.
- v. ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن کي عملدارن/مشينري، مالياتي حيثيت وغيره جي سلسلي ۾ تجربي، اهليت جو ثبوت ڏيکارڻ لاءِ گهريل هوندا. (فرم جو پروفائيل).
- vi. ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن جن کي سرڪاري ڪاٽن يا ايجنسي پاران بليڪ لسٽ ڪيو ويو هجي، تن کي ٽينڊر/واڪ ۾ شرڪت ڪرڻ جي اجازت نه هوندي (شرڪت ڪندڙ ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن کي ان ڏس ۾ حلفنامو ڏيڻو پوندو ته اهي ڪنهن به سرڪاري ڪاٽي پاران بليڪ لسٽ ٿيل نه آهن).
- vii. ڪانٽريڪٽرن کي سي اين ايس جي ڪاٽي ڏيڻي پوندي ۽ ڪانٽريڪٽنگ فرمن کي رجسٽريشن جو سرٽيفڪيٽ (ڪشنگري وار) پڻ فراهم ڪرڻو پوندو.
- viii. فقط هن ڪاٽي پاران جاري ڪيل مقرر ٽينڊر فارم تي ڏنل واڪ قبول ڪيا ويندا. بهرحال، جيڪڏهن گهريل هجي ته اضافي شيون شامل ڪري سگهجن ٿيون.
- ix. مشروط ٽينڊر/درخواست تي غور نه ڪيو ويندو.
- x. واڪ/اڄ جو ڪارآمدِي مڊو ٽينڊر جي کولڻ واري تاريخ کان گهٽ ۾ گهٽ 90-ڏينهن هوندو.
- xi. مجاز اختياري، سنڌ پبلڪ پروسڪيورمينٽ رولز-2010 جي واسطيدار فٽرن ۽ ٽينڊر ڪاغذن ۾ ڄاڻايل شرطن مطابق سمورا يا ڪوبه ٽينڊر/واڪ رد ڪرڻ جو حق محفوظ رکي ٿي.

**معلومات ۽ طريقڪار:**

1. اسپيڪيشن سميت ڪم جي گنجائش ۽ واسطيدار تفصيل تي مشتمل واڪ ڪاغذن جو مڪمل سيٽ خواهشمند ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن پاران D.I.G.P ٽريفڪ (L&T) جي آفيس، 1111 زمزم اسٽريٽ (لڳ DL برانچ) ڪلفٽن ڪراچي مان آفيس وقتن دوران واڪ امائن جي آخري تاريخ تائين ٽينڊر تي (ناقابل واپسي) جي اڏاڻگي سان حاصل ڪري سگهجي ٿو. پروسڪيورمينٽ جو طريقو سنڪل اسٽيج-ٽو اينويٽپ هوندو.
2. ٽينڊر/واڪ (ڪال ڊيپارٽ سميت مهيند ٿيل) آفيس آف DIGP ٽريفڪ لائسنسنگ اينڊ ٽريننگ ڪراچي (مٿي ڏنل ائڊريس تي) رکيل ٽينڊر باڪس ۾ (آخري تاريخ طور) 2017-01-06 منجهند 2:00 وڳي تائين يا ان کان اڳ وڌا ويندا. ٽينڊر/واڪ ڊپارٽمينٽل پروسڪيورمينٽ ڪميٽي پاران ٽينڊر/واڪ ۾ شرڪت ڪندڙ ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن جي مجاز نمائندن (جيڪي موجوده رهن جا خواهشمند هوندا) تن جي موجودگيءَ ۾ 2017-01-06 تي شمار 3:00 وڳي کوليا ويندا.
3. هن ٽينڊر/واڪ يا ڪم جي تفصيل سان واسطو رکندڙ ڪا به ٻي معلومات DIGP ٽريفڪ (L&T) ڪلفٽن ڪراچي وٽان ٽينڊر جي کولڻ کان اڳ آفيس وقت دوران ڏنل ائڊريس تان وٺي سگهجي ٿي.
4. ڪانٽريڪٽرن/ڪانٽريڪٽنگ فرمن کي سندن پنهنجي مفاد ۾ مشورو ٿو ڏجي ته ڪم جي گنجائش ۽ معيار/مقدارن کي چڱي طرح سمجهڻ، هو سائيت پڻ ڏسي پنهنجو پاڻ ڪنهن به اضافي/اوچتي ڪم (بجلي، پاڻي يا ٻئي ڪنهن ائٽمر جي موجودگي) جو ڪاٿو لڳائين، جيڪي هن ٽينڊر جي ڪم ڪرڻ کان اڳ يا ڪم دوران پيش اچي سگهن ٿا ۽ اهڙي ڪنهن به اوچتي سبب لاءِ پوليس ڪاٽي پاران ڪوبه اضافي خرچ برداشت نه ڪيو ويندو ۽ نه وري ان ڏس ۾ ڪو اضافي وقت ڏنو ويندو.
5. ڪم جي شروعات مجاز اختياري جي منظوري بعد ۽ پڻ فنڊن جي موجودگي جيڪا پائپ لائين ۾ آهي، جي دستيابي جي شرط سان ڪئي ويندي.

ڊپٽي انسپيڪٽر جنرل آف پوليس  
ٽريفڪ لائسنسنگ اينڊ ٽريننگ ڪراچي

فون: 021-99250521

INF/KRY.No:4664/2016

**SAY NO TO CORRUPTION**  
اسان دهشتگردي جي خلاف متحد آهيون



سنڌ ۾ تعليم جي بهتري لاءِ علمي ۽ پنهنجي زندگي لاءِ 8 3 9 8 تي ايس ايس ڪريو





**DEPUTY INSPECTOR  
GENERAL OF POLICE TRAFFIC  
(LICENSING & TRAINING) KARACHI  
GOVERNMENT OF SINDH**

**TENDER NOTICE**

Sealed tenders are invited in accordance with the Sindh Public Procurement Rules, 2010 from contractors/contracting firms for following works of the Police Department.

S. No.	SCOPE OF THE WORK	Estimated Cost (approximate)	Earnest Money	Tender Fee	Duration of Completion Work
1.	Repair & Renovation work of Saleem Wahidy Police Auditorium & other offices of Traffic Br. (L&T) Karachi	Rs.40 Million	2.5% of Quoted Bid	Rs.4,000/-	03 Months

**TERMS & CONDITIONS:**

- i. Contractors/Contracting Firms should be registered with Pakistan Engineering Council, (FBR) Income Tax, Sales Tax and Sindh Revenue Board (NTN and STN Registration Certificates will be required).
- ii. Contractors/Contracting Firms are advised to quote rates on Unit/Job/Per Sft/Rft. basis.
- iii. Payments shall be made for the works on basis of job, unit basis as the case may be on completion of each item/work, on the basis of measurement & verification in accordance with specification.
- iv. The work calculation/RCE may vary by (+) or (-) 5%.
- v. The contractors/contracting firms will be required to show evidence of experience, capability in respect of personnel/machinery, financial position etc (Profile of the Firm).
- vi. Contractors/Contracting Firms black listed by Government Departments or agency will not be allowed to participate in the tender/bid (participating contractors/contracting firms will be required to submit affidavit to the effect that they are not black listed), for any Government Department.
- vii. Contractors will be required to provide copy of CNIC and Contracting Firms will also be required to provide Certificate of Registration (Category wise).
- viii. Only bids offered on the prescribed Tender Form issued by this department shall be accepted. However, additional sheets may be attached, if required.
- ix. Conditional tender / application will not be entertained.
- x. Validity of bid/offer shall be at least 90 days from the date of opening of tender.
- xi. The competent authority reserves the right to reject all or any tender/bid subject to and in accordance with the relevant provisions of the Sindh Public Procurement Rules, 2010 and conditions contained in Tender Documents.

**INFORMATION & PROCEDURE:**

1. Complete set of bidding documents containing the scope of work and relevant details along with specification can be obtained by the interested Contractors/Contracting Firms from the office of the D.I.G.P Traffic, (L&T), 11<sup>th</sup> Zamzama Street (Adjacent DL Branch) Clifton, Karachi, during working hours upto last date of submission the bids, on payment of tender fee (non refundable). Method of procurement will be single stage one envelope.
2. Tenders/Bids (duly sealed along with call deposit) at 2.5% of bids shall be dropped in the tender box (placed in the office of DIGP Traffic, Licensing & Training Karachi (at the address given above) on or before (As last date) 06-01-2017 upto 2:00pm. The tenders/bids will be opened by Departmental Procurement Committee on 06.01.2017 at 03:00pm in presence of duly authorized representatives (who may like to be present) of Contractors/Contracting firms participating in the tender/bid.
3. Any other information relating to this tender/bid or detail of work or any further clarification can be obtained from the DIGP Traffic (L&T) Clifton, Karachi at given address during office hours before opening of tender.
4. The Contractors/Contracting Firms are advised in their own interest to fully understand scope of work and quality/quantities. They may also visit the site to assess themselves any additional/incidental work (availability of electricity, water or any other item) which may come up before or during execution of the work of this tender for the reason that no extra cost will borne out by Police Department for such eventualities nor any extension in time will be provided on such pretext.
5. The work will commence after the approval of competent authority and also subject to availability of funds which is in pipe line.

**Deputy Inspector General of Police  
Traffic Licensing & Training Karachi**

INF-KRY:NO.4664/16

Ph : 021-99250521



Say No to Corruption We are unified Against Terrorism...

FOR THE BETTERMENT OF EDUCATION IN SINDH

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**SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY**

**CONTRACT EVALUATION FORM**

**TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS WORTH 50 MILLION (PKR) OR ABOVE**

- 1) NAME OF THE ORGANIZATION / DEPTT. Police Department
- 2) PROVINCIAL / LOCAL GOVT./ OTHER Provincial
- 3) TITLE OF CONTRACT Repair & Renovation 2016-17
- 4) TENDER NUMBER DLGP/TR/CA/16536-45 dt 2-12-16
- 5) BRIEF DESCRIPTION OF CONTRACT Repair & Renovation of Saleem Validy Auditorium & Office of Traffic (CA) Kye
- 6) FORUM THAT APPROVED THE SCHEME GP Sindh
- 7) TENDER ESTIMATED VALUE 40,000,000
- 8) ENGINEER'S ESTIMATE (For civil works only) 43,907,400
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 90 days
- 10) TENDER OPENED ON (DATE & TIME) 3-12-2016
- 11) NUMBER OF TENDER DOCUMENTS SOLD (Attach list of buyers) 03
- 12) NUMBER OF BIDS RECEIVED 03
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 03
- 14) BID EVALUATION REPORT (Enclose a copy) (Copy attached)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/S Ali's Interior P-44 Sector 23 HIA Karachi
- 16) CONTRACT AWARD PRICE 41,165,746
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID).  
M/S Ali's Interior  
M/S Ali Jumanji Enterprises  
M/S Kazi Nisar Ahmad & Co.
- 18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE - ONE ENVELOPE PROCEDURE
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE
- c) TWO STAGE BIDDING PROCEDURE
- d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING / NEGOTIATION ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT DIGP Traffic (LST) Karachi

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes  No

21) ADVERTISEMENT :

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	SPPRA Sn No. 30780 dt 9-12-16
No	

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	Daily Jung 9-12-2016 Daily The Express Tribune 9-12-16 Daily Khabar 9-12-16 Daily Aamir 9-12-16
No	Daily Aamir 9-12-16

22) NATURE OF CONTRACT

Local  Int.

23) WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes  No

24) WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes  No

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A  
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes  No

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes  No

27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED  
BID / BEST EVALUATED BID (in case of Consultancies)

Yes  No

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY  
COMPLIANT?

Yes  No

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT  
THE TIME OF OPENING OF BIDS?

Yes  No

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF  
CONTRACT?  
(Attach copy of the bid evaluation report)

Yes  No



31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	<input checked="" type="checkbox"/>

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	<input checked="" type="checkbox"/>

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)

Yes	
No	<input checked="" type="checkbox"/>

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give detailed reasons.)

Yes	
No	<input checked="" type="checkbox"/>

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT  
BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE  
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO  
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN  
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	<input checked="" type="checkbox"/>

Signature & Official Stamp of  
Authorized Officer

DSP / ADMN  
Deputy Inspector General of Police  
Traffic (Licensing & Training)  
Sindh, Karachi

**FOR OFFICE USE ONLY**



4

**OFFICE OF THE DEPUTY INSPECTOR GENERAL OF POLICE**  
**TRAFFIC (LICENSING & TRAINING) KARACHI.**  
**11<sup>th</sup> ZAMZAMA STREET, DRIVING LICENSE BRANCH CLIFTON, KARACHI.**  
**NO. DIGP / TR / (L&T) / Gen / 527 - 31 / 2017 KARACHI, DATED: 30-01-2017**

To


M/S Ali's Interior  
P-44, Sector 23 Korangi Industrial Area,  
Karachi.

**WORK ORDER** ✓

Subject: **REPAIR & RENOVATION OF SALEEM WAHIDI AUDITORIUM AND OTHER OFFICES OF TRAFFIC BRANCH (L&T), KARACHI.**

It is to inform you that your quotation for amounting to Rs. 41,165,746/- (Estimated technical sanction approved cost of Rupees Forty Three Million Nine Hundred Seven Thousand Four Hundred) regarding Repair & Renovation of Saleem Wahidi Auditorium and other offices of Traffic Branch (L&T), Karachi, have been approved by the Competent Authority/Committee constituted by IGP Sindh, Karachi.

2. You are therefore, hereby advised to please under take the said work immediately.
3. The Bills for payment may be submitted for processing payment as per the terms and condition mentioned in the agreement and SPPRA Rules-2010 amended in 2013.

  
**(MAZHAR NAWAZ SHAIKH) PSP,**  
Deputy Inspector General of Police  
Traffic Licensing & Training  
Karachi.

Copy forwarded for favour of information to:-

1. The Addl. IGP Traffic Sindh, Karachi.
2. The AIGP/Logistic, CPO, Sindh Karachi
3. The Assistant Engineer, CPO Sindh, Karachi.
4. PS to IGP Sindh, Karachi.

**OFFICE OF THE DEPUTY INSPECTOR GENERAL OF POLICE**  
**TRAFFIC (LICENSING & TRAINING) KARACHI.**

11<sup>th</sup> ZAMZAMA STREET, DRIVING LICENSE BRANCH CLIFTON, KARACHI.  
NO. DIGP / TR / (L&T) / Gen / 413 - 17 / 2017 KARACHI, DATED: 24-01-2017

To

M/S Ali's Interior  
P-44, Sector 23 Korangi Industrial Area,  
Karachi.

Subject: **LETTER OF ACCEPTANCE**

**Reference:** Repair & Renovation of Saleem Wahidy Auditorium and other offices of Traffic Branch (L&T), Karachi.

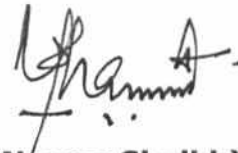
Your bidding documents SPPRA Rule 2010 amended in 2013 for the above mentioned work as per approved Schedule of Rate (General), volume-III, Part-II for the finished items of Civil work and Schedule of Rates or water Supply & Sanitary works including Non-Schedule items/rate analysis have been accepted by the competent authority. The breakup is as under:-

- Part-A: general Schedule Civil works @ 11.5% above on Schedule items (Rupees Eleven point five percent above) only.
- Part-B: General Schedule Sanitary works at par on Schedule items.

1. The amount of Rs.41,165,746/- includes Schedule items. Non-schedule items and Rate analysis etc to the condition that no premium will be allowed / deducted on Non-schedule items / rate analysis items / offer rates.
2. No premium shall be allowed on Non-Schedule items.
3. No separate payment for carriage of material shall be made. Premium quote by the contractor cover the cost of carriage of buildings material involved.
4. All material required for construction shall be made procured and brought at site by the contractor at his own cost from approved source.
5. No payment of extra items shall be made unless written order is given by the executive engineer for execution of the extra items and approved by the competent authority.
6. Income tax shall be deducted from the bill on the above value of work done and paid for as per latest orders of competent authority in this regard.

7. If the use of Sulphate Resistant Cement is required, the government contractor shall have to provide the same and shall be paid the difference of cost of ordinary cement with Sulphate Resistant Cement and no premium over difference in cost shall be paid.
8. Steel free from all kinds of rust and cement free from all impurities which conform to the British Standard Specification shall only be allowed to use.
9. All Reinforced Cement Concrete works shall be mechanically vibrated so as to have minimum compressive strength of 3000lbs per sq.inch.
10. Sand from only approved quarry shall be used in all items involving use of cement. Pit sand shall not be allowed to use.
11. Sweet and potable water only shall have to be used in construction work which is to be arranged by the contractor.
12. The bid money of 2.5% of the bid value submitted by you will be treated as "Performance Security" remaining 7.5 % amount will be deducted from each running bill as security deposit.
13. The work should be executed strictly in accordance with the specifications and approved design and in conformity with the schedule of progress. In the event of your failure to comply with these conditions, you will be liable to pay compensation to the Government as per term and condition of your contract agreement.
14. Payment will be made subject to availability of funds with this office.

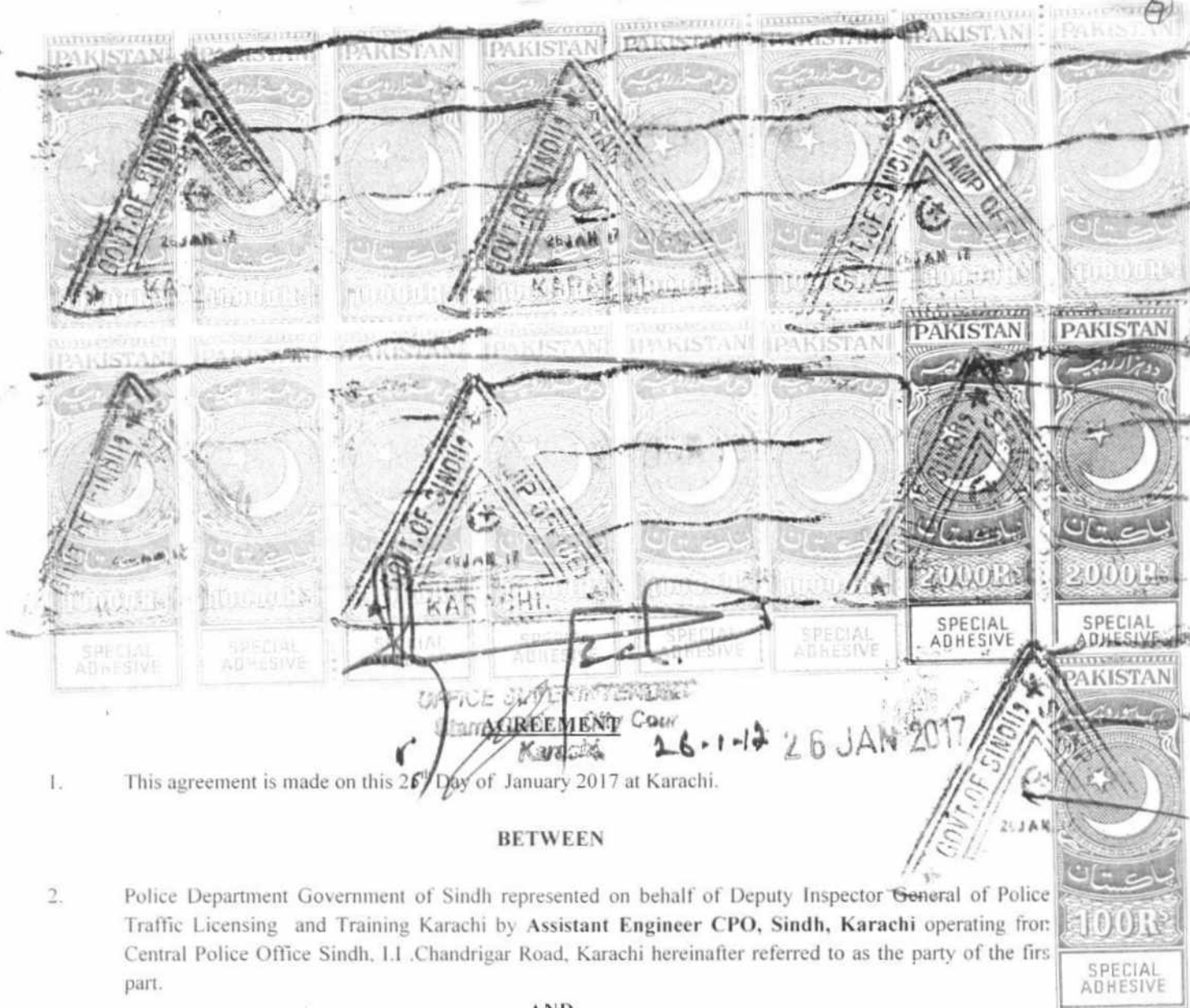
You are therefore requested to attend the office of the undersigned for signing of the agreement.



**(Mazhar Nawaz Shaikh) PSP,**  
 Deputy Inspector General of Police  
 Traffic Licensing & Training  
Karachi.

Copy forwarded for favour of information to:-

1. The Addl. IGP Traffic Sindh, Karachi.
2. The AIGP/Logistic, CPO, Sindh Karachi
3. The Assistant Engineer, CPO Sindh, Karachi.
4. PS to IGP Sindh, Karachi.



OFFICE OF THE DIGP TRAFFIC (L&T)  
KARACHI  
26-1-17 26 JAN 2017

1. This agreement is made on this 26<sup>th</sup> Day of January 2017 at Karachi.

**BETWEEN**

2. Police Department Government of Sindh represented on behalf of Deputy Inspector General of Police Traffic Licensing and Training Karachi by Assistant Engineer CPO, Sindh, Karachi operating from: Central Police Office Sindh, I.I. Chandrigar Road, Karachi hereinafter referred to as the party of the first part.

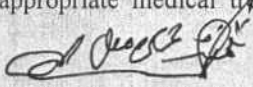
**AND**

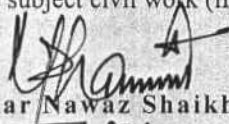
3. M/s Ali's Interior. P-44, Sector 23 Korangi Industrial Area, Karachi, operating firm from herein after referred to as party of the second part.
4. WHEREAS, the Police Department Government of Sindh with the approval of competent authority has been provided funds under head "Government Building/ Structure" during current financial year 2016-17 for Repair & Renovation of Saleem Wahidy Auditorium and other offices of Traffic Branch (L&T), Karachi.
5. AND WHEREAS, as per terms & conditions of the agreement between Government of Sindh (Police Department) and M/s Ali's Interior. P-44, Sector 23 Korangi Industrial Area, Karachi; the said renovation work is required to be carried out in accordance with Government of Sindh, Sindh Public Procurement Regularity Authority (SPPRA) rules, policy and standing instructions on the subject. Accordingly, the Police Department floated tenders for the Repair & Renovation of Saleem Wahidy Auditorium and other offices of Traffic Branch (L&T), Karachi, covered under this agreement.
6. AND, the tenders were published in daily newspapers "Daily Jang" "Daily Express" and "Daily Kawish" Karachi on dated: 09-12-2016 and were opened by tender opening Committee constituted by the IGP Sindh, Karachi in presence of representatives/ agents of bidders at Office of the DIGP Traffic (L&T), 11<sup>th</sup> Zamzama Street Clifton, Karachi, on 06-01-2017 at 1500 hrs.
7. AND, after evaluation of bids submitted by participating firms, the offer of M/s Ali's Interior. P-44, Sector 23 Korangi Industrial Area, Karachi, for the afore said work amounting to Estimated cost **Rs.41,165,746 /-** (Rupees Forty One Million One Hundred Sixty Five Thousand Seven Hundred Forty Six only) was found the lowest.
8. NOW THEREFORE, the party on first half agree to award the contract of the above work, as per terms & conditions and according to Government of Sindh, Sindh Public Procurement Regularity Authority (SPPRA) standard rules & regulations which have already been provided with tender documents and are again supplied along with this agreement, to the party of second half.
9. The party of second half has agreed to carryout the work at above locations as per Scope of Work provided by party of first half, and shall complete the work at all locations within period of 90 days from the date of this agreement.
10. The party of second half shall keep the party of first half fully informed of the progress of work by submitting progress report on monthly basis or when ever required by the party of first half.

11. In case of any problem or hindrance in execution of work from any sub-ordinate office of Police department, the party of second half shall immediately report the matter to Assistant Engineer CPO, Sindh, Karachi.
12. That party of first half shall be entitled to verify the work before acceptance of bill and release of payment through committee or any outside professional firm/authority.
13. That party of first half shall be entitled to point out and demand rectification of any fault in the work or material used in work, which the party of second half shall remove or change without any extra cost, provided such work is covered in the scope of work of the contract.
14. That all communication between the parties shall be in writing, and if posted to the given addresses shall deem to have been conveyed.
15. That in case of any difficulty both the parties can approach and consult each other to resolve any issue in the best interest of Government work by mutual consent in writing.
16. That party of first half shall have right to arrange inspections and monitoring of the works covered under this contract through Work Inspection/ Execution committee already constituted by the IGP Sindh, Karachi and the party of second half shall not have any objection to such visits/ inspections.
17. The repair/renovation work has been handed over to the second party according to the rates and following condition:-


- a) If the work is left incomplete by the second party, the First party will hold its payment at any stage.
- b) It is declared that the above named second party is the sole proprietor of the said company and the second party has no partner.
- c) No payment will be released without inspection committee report.
- d) The first party will not pay any amount if any excess work will be carried out by the second party without written approval of tender opening committee.
- e) No bill will be entertained without pre-work and post-work photographs.
- f) The second party will receive the payment himself.
- g) All the old doors, windows, and pipes etc, will be counted for and kept under Safe custody till auction.
- h) That the second party is fully bound to complete the work assigned to him within specified time, failing which the second party will pay 3% penalty of tender amount to the Government (Police Department).

18. IN WITNESS WHEREOF both the parties have got set and subscribed their hand on this 26<sup>th</sup> Day of January 2017.
19. All relevant labour laws are observed by the second party and shall provide and thereafter maintain all appropriate medical treatment for its personnel involved in the subject civil work (if required).


  
 (Naimat Ali Mughal)  
 CNIC No: 42201-0561211-1  
 M/s Ali's Interiors  
 Office No. 021-35068802-03

  
 (Mazhar Nawaz Shaikh) PSP  
 Chairman  
 Deputy Inspector General of Police,  
 Traffic (L&T), Karachi

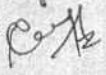
WITNESS

  
 CNIC NO. 42301-3879681-7  
 Name: KHALID MAHMOOD

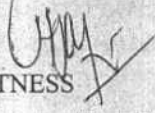
WITNESS

  
 CNIC NO. 42201-9407114-3  
 Name: IMRAN AHMED KHAN

WITNESS

  
 CNIC NO. 42201-0575010-7  
 Name: Muhammad Asif Ishaq

WITNESS

  
 CNIC NO. 42101-0547565-7  
 Name: S. HASHMAT ALI JAPRI



NAME OF WORK: REPAIR & RENOVATION OF SALEEM WAHIDI AUDITORIUM AND ALLIED BUILDING OF TRAFFIC L&T, CLIFTON KARACHI

SCHEDULE BOOK DOCUMENT

SCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Excavation in foundation buildings bridges and other structure in/c dabbling dressing refilling around structure with excavated earth watering and ramming lead upto 5ft. (b) In ordinary soil. (SI.18-b/P-4)	4991	3176.25	%0Cft	15852
2.	Cement concrete brick or stone ballast 1 1/2" to 2" gauge of ratio 1:5:10 (SI.4-c/P-15)	40.50	8694.95	%Cft	3521
3.	(a ) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of )(b) Using Tor bars. (SI.8/P-17)	844.34	5001.70	P/Cwt	4223136
4.	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 for forms molds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1: 2: 4) 90 Lbs. cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. (SI.6 (a) (I) / P-16).	15761	337.00	P/Cft	5311457
5.	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50ft) (SI.23/ P-04).	632	2722	%0Cft	1720
6.	Damp proof course with cement sand Ratio (1:2) mixed with damps (a)1 1/2" thick (SI.69-A/P-107)	1148	1934.82	%Sft	22212
7.	Damp proof course with cement sand Ratio (1:2) mixed with damps (b)3/4 thick (SI.69-b/P-107)	1148	2401.58	%Sft	27570
8.	Add extra in cement concrete floor topping, if finished with pigment and polishing (SI.17/P-42)	2700	1071.40	%Sft	28927
9.	Preparing the surface and painting with matt finish in/c rubbing the surface with Bathy (Silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of Paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make et complete (New surface ) (B) 2 <sup>nd</sup> & subsequent coat. (SI.36-A+B+B)/P-55) (Three coats)	5935	3444.38	%Sft	204424
10.	Providing Anti-terminate treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction under the slab and along attached perches or entrance etc, complete as per directions of Engineer Incharge. (SI-91/P-109)	4080	40.10	P.Rft	163608
<b>Total:</b>					<b>10034119</b>
<b>Add 10% above on item No: 03</b>					<b>422314</b>
<b>Total:</b>					<b>10456433/=</b>

NON-SCHEDULE ITEMS:

S/No	Description	Quantity	Rate	Unit	Amount
1.	Removing of existing construction including tools & equipments, all necessary precautionary measures, stacking useable at designated, existing slab cement chipping, AC / Electrical or any other item which is required to be removed place for Owner's properly, carting away surplus, stuff, etc. from site complete in all respect.	496		P/Cft	

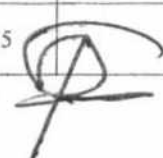
2.	The Contractor shall install maintain and operate a system wells, trenches and pumps as required to perform the excavations for the areas and subsequent construction of the structures and placement of back fill in the dry. All excavations shall be dewatered and kept free of standing water, complete in all respect as directed by the Consultant (Pump)	2		P/Day	
3.	Earth filling with offsite material ( <b>brought from out side source</b> ) in plinth, depression and where ever required laid in 300mm layer well watered, consolidated and compacted with mechanical means complete as per drawing and as directed by the Consultants	632		P/Cft	
4.	Providing and laying stone soling to 150mm thick with broken stones and filling the voids with stone metals 19 to 37mm size and fine sand, well rammed, watered, consolidated and compacted with mechanical means. Complete as per drg. and as directed by Consultants	1132		P/Sft	
5.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants a) 75mm thick (Sub floor)	221		P/Cft	
6.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants b) 100mm thick (plat form for Kitchen Cabinet)	221		P/Sft	
7.	Providing and laying specified bitumen hycarb AHS hycarb bitumen (60 lbs/100 Sft) in 3 coats including primer coat on Roof, Kitchen and toilet floors each coat to be applied at least 24 hours after application of the previous coat application of bituminous coat should be commenced at least after 10 days of completion of curing period complete as per drawing and as directed by the Consultant	2600		P/Sft	
8.	Providing and laying C.C. 1:4:8 bed concrete using graded screened bajri 9mm and down gauge as fine aggregate and stone ballast 25 to 50mm size as coarse aggregate in foundation over well compacted earth including levelling and curing etc. complete as per drawing and as directed by the Consultants	2600		P/Sft	
9.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	800		P/Sft	
10.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" thick Solid	1300		P/Sft	
11.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for	170		P/Sft	




	bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" to 12" thick Solid			
12.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. a ) 1/2" thick Smooth Plaster.	4395		P/Sft
13.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. b ) 3/4" thick Smooth Plaster	4395		P/Sft
14.	Provide & lay in line and level imported carpet tiles of approved sample with approved adhesive with minimum joint, including cutting, lifting, wastage, etc, complete in all respect as per drawing and instruction of the Architect. For payment net installed carpet tiles area will be measured. Wastage factor should be added by contractor in his unit rate	1690		P/Sft
15.	Provide and install in line & level Pre-finished Wooden Laminated Flooring, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	300		P/Sft
16.	Provide and install in line & level Pre-finished Wooden Laminate floor planks fixed with approved adhesive on 3/4" thick MDF board (Lasani or approved equivalent) with solignum treated partial wood internal framing of approved sections, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	80		P/Sft
17.	Provide and lay porcelain tile of approved sample & design for flooring with 1:4 cement sand mortar base of required thickness so as to achieve a minimum overall finished floor thickness of 2", setting the tiles with neat cement mortar, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including curing, cleaning, cutting (cut to size, where required), lifting, hacking of existing surface for bonding where necessary, etc., complete in all respect as per specifications and drawings.	659		P/Sft
18.	Provide and lay minimum 3/4" thick stone of approved sample, design & finish with 1:4 cement sand mortar base of required thickness, setting the stone with neat cement mortar, grouting the joints with 1:4 cement sand mortar, including curing, cleaning, cutting (cut to size, where required), making of grooves & round / Beveled edges (where shown), hacking of existing surface for bonding where necessary, etc., complete in all respect. For payment net stone area will be measured.	360		P/Sft



19.	<p>Planter (External)          Provide and construct Planter as per following detail.          For payment planter plan area from outer edges shall be measured.          A ) C.C. Block masonry of approved thickness.          b) ¾" thick plaster with pudlo mixed on internal floor and ¾" thick plain plaster on walls, etc., complete in all respect.          c) Cementitious waterproofing treatment by brush application of ICS / Penetron International Ltd or approved equivalent including treatment at the junctions of horizontal &amp; vertical surface, etc., as per manufacturer's specifications and instructions.          d) Provide and lay wash Pebble (HUB) of approved sizes, including washing, cleaning, lifting, wastage, etc., complete in all respect.          e) ¾" thick stone on Copping &amp; outer vertical surface of walls around Planter fixed with base mortar of approved thickness, 40mm x 40mm x 5mm thick M.S. Angle for bottom support fixed on wall with screws, including curing, cleaning, cutting, making of grooves &amp; round / beveled edges as shown etc., complete in all respect.</p>	232		P/Sft
20.	<p>C.C. Pavers (External).          Provide and lay 8" x 4" x 2½" thick C.C. Pavers (75% Grey &amp; 25% Pigmented) of approved sample with sand bed of required thickness, including compacting etc., complete in all respect.</p>	3620		P/Sft
21.	<p>Provide and lay porcelain tile dado of approved sample fixed with approved adhesive on cement board partition &amp; 1:4 cement sand mortar base of required thickness, setting the tiles with neat cement mortar on walls, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications &amp; instructions, including, curing, cleaning, cutting of tiles to required sizes (where required), lifting, etc., complete in all respect as per specifications and drawings.</p>	1400		P/Sft
22.	<p>Same as Item # 6.1 above but with 4" high Porcelain Tile (cut to size) of approved sample for skirting etc., complete in all respect. For payment net running length of skirting will be measured.</p>	200		P/Rft
23.	<p>Provide and install in position aluminum windows, consisting of solignum treated partal wood frame of approved sections (where shown), aluminum Main &amp; shutter frame of approved sections natural anodized powder coated (Pakistan Cables or approved equivalent) with 6mm thick tempered clear float glass of approved sample, 6mm thick commercial ply on bottom as shown in drawings &amp; details, including all hardwares, sliding mechanism of approved sample for sliding panels, silicon sealant, rubber &amp; neoprene gasket, wastage, fixing arrangements, lifting, cutting, scaffolding, etc., complete in all respect. For payment frame to frame will be measured.</p>	12		P/Sft
24.	<p>Provide and install in position 1½" to 8" thick wooden cladding, consisting of solignum treated partal wood internal framing of approved sections fixed on walls, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing &amp; instruction of the Architect. For payment net cladding area will be measured.</p>	825		P/Sft
25.	<p>Provide and install in position 3" thick wooden cladding, consisting of solignum treated partal wood internal framing of approved sections fixed on walls, 20mm thick MDF board (Lasani or approved equivalent) fixed on frame, Fabric of approved quality &amp; sample (Project Fabric or approved equivalent) fixed with approved adhesive on MDF board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing &amp; instruction of the Architect.</p>	210		P/Sft

	For payment net cladding area will be measured.			
26.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.	119		P/Sft
27.	Provide and install in position Pre-Cast Fair Faced Panel of approved sample & shades, including making grooves, champhered edges, joint details, sealant, fixing & framing system, protection of panels, etc. all as per manufacturer's specifications and instructions, scaffolding arrangement, fixing arrangement, etc. complete in all respect as per specifications and drawings. For payment finished / installed exposed area (elevational linear width x linear height or linear length x linear width) will be measured i.e. grooves / champhered edges, shall deem to have been covered in this measurement and shall not be measured separately.	900		P/Sft
28.	Provide and install in position Wooden Post, consisting of 2" x 2" Solid White Oak Wood with approved polish finish fixed on floor, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side running length of post without thickness will be measured.	210		P/Rft
29.	Provide and install in position Wooden Screen, consisting of 2" x 1" thick Solid White Oak Wood ribs with approved polish finish, 2" thick gap between two ribs, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side elevation area of screen including gaps will be measured.	127		P/Sft
30.	Provide and install in position Wooden doors, consisting of 1½" thick shutter (for shutters solignum treated partial wood infill framing), ½" thick Solid White Oak wood (Comb Finish) on both side of shutter, natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, 1½" x 1½" thick Solid White Oak wood for Handle, Solid White Oak wood lipping on edges with approved polish finish on all wood works, Metal Plate with approved Powder Coated finish as shown, making of groove where required, including all hardwares, hinges, lock, glue, wastage, Silicone sealant, rubber gasket, lifting, etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	180		P/Sft
31.	Provide and install in position wooden door, consisting of 1½" thick solid core flush shutter (for flush door shutters partial wood infill framing), formica (Tuff Formica textured finish of Baluchistan Laminate or approved equivalent) on both side of shutter with 100mm x 40mm thick natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, Golden Teak wood lipping with approved polish finish, including all hardwares, making of groove (where required), S.S. hinges & handle, lock, plastic louvers of approved sample, S.S. Push Plate 18 SWG (for Type-C), glue, wastage, Silicone sealant, rubber gasket, lifting, fixing, cutting etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	130		P/Sft
32.	Provide and install in position Gypsum Board Ceiling, consisting of G.I. frame work of approved sections with G.I. Hangers and 16-	575		P/Sft

	18 swg. aluminum edgings as shown, 12mm thick Gypsum Board Sheet (Gypsum Board : Elephant Brand Thailand or approved equivalent), cutting of opening for light fixtures / diffusers with making of light pelmet, fiber tape on joints, including 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on Gypsum board, primer coat filling if required and all other hardwares, wastage, scaffolding, making access panel (where required), etc., complete in all respect. For payment exposed sheet surface area will be measured.			
33.	Gypsum Board Ceiling Paint Finish in Toilets. Same as Item # 10.1 above but with 12mm thick M.R. (Moisture Resistance) Gypsum Board sheet (Elephant brand - Thailand) etc., complete in all respect. For payment exposed sheet surface area will be measured.	700		P/Sft
34.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on bottom of MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	1000		P/Sft
35.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	350		P/Sft
36.	Provide and install in position Wooden Trellis, consisting of 2 1/2" x 1 1/2" thick Solid White Oak wood main support, 2" x 1" thick Solid White Oak wood strips fixed on main support with approved polish finish, 3/8" dia M.S. Bar hanger welded with 6" x 1 1/2" x 1/4" thick M.S. Plate screw with wooden support & welded with 4" x 4" x 1/4" thick M.S. Plate fixed on existing slab with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured.	650		P/Sft
37.	Provide and install in position Wooden Trellis, consisting of 6" x 3" thick Solid White Oak wood strips & 3" thick gap between two strips fixed on 3" x 1 1/2" thick Solid White Oak wood vertical post for support with approved polish finish, 3" x 6" x 1/4" thick M.S. Box section for top support welded with 18" x 3" x 1/4" thick M.S.Box Section for main vertical support welded with 1/4" thick M.S. Base Plate fixed on floor with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured including the cost of all M.S. Work.	1355		P/Sft
38.	Provide and Install in position 14'-0" wide x 2'-0" deep x 2'-10" high Reception Counter, consisting of solignum treated partial wood frame of approved sections (as shown), 12mm thick MDF board (Lasani or approved equivalent) for counter top, partition &	1		P/Job

	structure fixed on wooden frame, 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approved adhesive on MDF board for counter top, 3" x 1" thick Solid White Oak wood strips on front with approved polish finish & 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on MDF board as shown in the drawings & details, including all hardwares, edge making, wastage, cutting, lifting, etc., complete in all respect & instruction of the Architect.				
39.	Provide and install in position Acrylic finish Counter, consisting of 1 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 20mm thick water proof MDF board (Lasani or approved equivalent), 1 1/2" x 1 1/2" x 1/4" thick M.S. Angle frame for counter support embedded in wall, solignum treated partial wood frame of approved sections (as shown), including three coats of Matt Enamel paint finish (Jotun / ICI or Berger) & two coats of anti-corrosive paint (ICI / Berger) on all M.S. work and all other hardwares, wastage, lifting, cutting, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65		P/Sft	
40.	Provide and install in position Acrylic finish Coping on 4" wide plumbing wall, consisting of 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 12mm thick water proof MDF board (Lasani or approved equivalent) as shown in the drawings & details, including all hardwares, wastage, lifting, cutting, fixing, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65		P/Sft	
41.	Provide and install in position Mirror, consisting of 5mm thick Belgium Mirror with beveled edge of approved quality, 1/2" thick marine ply backing fixed with 3/4" x 3/4" x 1/8" S.S. Angle for support fix on wall, including all hardwares, wastage, lifting, cutting, fixing, approve adhesive etc., complete in all respect. For payment net installed mirror area will be measured.	110		P/Sft	
42.	Provide and install in position Wooden lipping, consisting of 6" x 1/4" thick Solid White Oak Wood for lipping with approved polish finish, including all hardwares, glue, wastage, cutting, lifting, etc., complete in all respect and as per drawing & instruction of the Architect. For payment net running length of lipping will be measured.	46		P/Rft	
43.	Provide & install in position pre-fabricated 450mm x 450mm in size Aluminum Access Panels of approved quality with powder coating of approved shade & sample, including all hardwares, hinges, wastage, fixing arrangement etc., complete in all respect.	26		P/Nos	
44.	Providing, cutting, welding, fabricating, hoisting and fixing in position, M.S. structural members such as I - sections, channels, angles, checkered plates, nuts & bolts (HILTI), cleats etc as shown in drawing. Complete with 4mm thick fillet welding (all around the section) as shown in drawing, grinded the welded joints, applying two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work. Complete with all materials, tools, plants, and machinery, complete with wastage, welding rods etc. Complete upto required height and level. Complete in all respect as per drawing, specifications and directed by Architect.	1600		Kgs	
45.	Provide and install in position M.S. Railing, consisting of 2" x 1 1/2" x 18 SWG M.S. Pipe for vertical post & handrail welded with M.S. Structure, including two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work and all other hardwares, wastages, welding, lifting, cutting, fixing etc., complete in all respect & instruction of the Architect. For payment net running length of railing will be measured.	66		P/Rft	
				<b>Total:</b>	



Sr. No.	Particulars	Qty.	Unit	Rate Rs.	Amount Rs.
<b>FURNITURE WORKS</b>					
A	<b>Sofa &amp; Chair</b>				
a	Providing and making sofa & chairs of "CHAIRISTER" make as per following specifications,				
i	using best quality Oak wood, well seasoned				
ii	using best quality (Imported) fabric @Rs. 1000/-meter				
iii	using MASTER Moultry Foam or approved equivalent				
iv	Lacquer polish finish to all wood surfaces except noted otherwise				
v	Best quality Hardware to be used				
vi	Using imported base and side arms				
b	Samples of all the items will be approved before the final product.				
i	C1 - Stage Chairs	5.00	No		
ii	C2 - Auditorium Chair	120.00	No		
c	Providing, making and fixing, as per detail, drawing and standard specification as approved				
<b>3- Seater Sofa</b>					
i	ES1	2.00	No		

<b>Total of 'A'</b>				
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S.No.	Description	Unit	Qty.	Rate	Amount
<b>1.0</b>	<b>LIGHTING FIXTURES</b>				
1.1	Supply, installation and connection of the following lighting fixtures. Complete with all mounting accessories.				
a)	Fixture Type 'A' (Recessed) Down lighter with 1x 35W LED Lamp.	Nos.	13		
b)	Fixture Type 'B' (Recessed) Down lighter with 1x12W LED lamp.	Nos.	28		
c)	Fixture Type 'C' (Recessed) Down lighter with 1x7W LED lamp.	Nos.	23		
d)	Fixture Type 'D' (Wall light) Basic Price Item Rs. 2500/=	Nos.	22		
e)	Fixture Type 'E' (Surface) RGB strip light of 5mtr coil.	Nos	6		
f)	Fixture Type 'F' (Surface) Philips TMS-128, 1 x 28 W T5 lamp with colour 83 lamp.	Nos.	26		
g)	Fixture Type 'G' (Surface) Menvier emergency light with 1x8 watts fl.lamp including exit sign.	Nos.	4		
1.2)	Providing and installing of 12" dia exhaust fan with plastic louver.	Nos.	4		
				<b>TOTAL Rs.</b>	
<b>2.0</b>	<b>FIRE ALARM SYSTEM</b>				
2.1	Providing ,installation and connection of conventional type 2-zone fire alarm control panel (FACP).	No.	1		
2.2	Supply, installation and connection of conventional type smoke detector.	Nos.	6		
2.3	Supply, installation and connection of conventional type heat detector.	No.	1		
2.4	Supply, installation and connection of conventional type manual break glass station.	Nos.	2		
2.5	Supply, installation and connection of electronic sounder .	Nos.	2		

S.No.	Description	Unit	Qty.	Rate	Amount
2.6	Supply and installation of wiring for smoke detector and manual call point devices wired with 2xC-1.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to devices.	Mtr.	40		
2.7	Supply and installation of wiring for electronic sounder wired with 2x1C-2.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to sounder.	Mtr.	20		
2.8	Testing and commissioning of the entire system by authorized local supplier.	Job	1		
				<b>TOTAL Rs.</b>	
<b>3.0</b>	<b>CCTV SYSTEM</b>				
3.1	Supply and installation of dome type camera. Complete with all mounting accessories.	Nos.	7		
3.2	Supply and installation of 8channel digital video recorder (DVR).	Job	1		
3.3	Supply and installation of 24" color monitor. Complete with all mounting accessories.	No.	1		
3.4	Supply, installation and connection of RG6 coaxial cable in 25mm dia. PVC conduit from camera to DVR. Complete with all mounting accessories.	Mtr.	90		
3.5	Supply, installation and connection of 3C-1.5mm <sup>2</sup> PVC/PVC cable for power supply to CCTV cameras in PVC conduit.	Mtr.	80		
3.6	Testing and commissioning of the entire system by authorized local supplier.	Job	1		
				<b>TOTAL Rs.</b>	
<b>4.0</b>	<b>SOUND SYSTEM</b>				
4.1	Supply and installation of sound system complete with all accessories power supply unit, comprising of the following items as per drawings & specifications, complete in all respect.				



S.No.	Description	Unit	Qty.	Rate	Amount
a)	Supply & installation of mixer amplifier of 120w upto 1 microphone and 1 line level inputs.	No.	1		
b)	Column type speaker rated input 30w shall have a SPL of 94dB at 1 w/m 7khz and a coverage angle of 180°.	Nos.	12		
c)	Interconnects, connectors, cables.	Lot.	1		
4.2	Speakers wiring with 3C-2.5mm <sup>2</sup> PVC/PVC cable in 25mm dia. PVC conduit.	Mtr.	90		
4.3	Testing and commissioning of the entire system by authorized local supplier.	Job	1		
				<b>TOTAL Rs.</b>	
<b>5.0</b>	<b>LIGHT, FAN, SOCKET WIRING</b>				
5.1	Providing and installing of light point wiring with 3x1.5 sq.mm single core PVC insulated 300/500 V grade copper wires in 20mm dia. PVC conduit surface/concealed mounted including all accessories, connector/PVC junction boxes, 1.5 sq.mm 3-core PVC/PVC cable in flexible PVC conduit for final connection, complete in all respects.				
a)	Light point controlled by one switch.	Nos.	55		
b)	Light point from point to point.	Nos.	50		
c)	Fixture to fixture wiring with 3-core 1.5sq.mm PVC/PVC cable.	Nos.	18		
d)	Exhaust fan point.	Nos.	3		
e)	Circuit wiring from distribution board to switch/lighting points with 3x2.5 sq.mm single core PVC wires in PVC conduit complete with all accessories.	Nos.	3		
f)	Circuit wiring for group control from respective distribution board to first light point wired with 3x2.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	No.	1		

S.No.	Description	Unit	Qty.	Rate	Amount
g)	Same as item 5.1f, above but from light point to point with 3x1.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	Nos.	10		
5.2	Providing and installing of wiring from distribution board for 13A international switch socket outlets with 3 x 2.5 sq.mm single core PVC insulated copper wires in 25mm dia. PVC conduit concealed / surface mounted, with all accessories.	Nos.	3		
5.3	Same as item 5.2, but wiring from point to point.	Nos.	12		
5.4	Providing & installing of wiring for AC unit from DB to load break switch wired with with 3x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1		
5.5	Providing & installing of wiring for AC unit from DB to load break switch wired with with 5x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1		
5.6	Supply and installation of sheet steel back box including earth link. Complete with all mounting accessories.	Nos.	40		
5.7	Supply and installation of following Clipsal Vivace series switches and sockets on already installed sheet steel back boxes.				
a)	One Gang Switch	Nos.	2		
b)	One Gang Switch	No.	1		
c)	Three Gang Switch	Nos.	6		
d)	Four Gang Switch	Nos.	4		
e)	13Amp. International Switch Socket Outlet.	Nos.	20		
				<b>TOTAL Rs.</b>	
6.0	<b>LV SWITCHGEAR</b>				

S.No.	Description	Unit	Qty.	Rate	Amount
6.1	Supply, installation and connection of the mixed capacity distribution board. Complete with all mounting accessories as per drawing. DB should be of anticorrosive type.	No.	1		
6.2	Supply, installation and connection of the following load break switch / MCB's in weather proof sheet steel enclosure including earth and neutral terminal. Complete with all mounting accessories.				
a)	20A.DP.MCB(10KA)	No.	1		
b)	30A.TP.MCB(10KA)	No.	1		
				<b>TOTAL Rs.</b>	
7.0	<b>MAIN/SUB-MAIN CABLES</b>				
7.1	Supply installation and connection of the following submain 600V/1000V grade PVC insulated multi core copper cables in already installed PVC conduit, complete with all accessories.				
a)	<u>From Existing Panel to Dist.Board</u> 4C-35sq.mm PVC/PVC + 1x1C-16sqmm PVC cables.	Mtr.	70		
	<b>Note:</b> Actual length of the cable as per site. Contractor has to procure / order the quantity of the cable after site visit.				
				<b>TOTAL Rs.</b>	
8.0	<b>G.I. PULL BOXES / PVC PIPES.</b>				
8.1	Supply and installation of 14 SWG anticorrosive sheet steel under floor pull boxes including cover, brass earth terminal, metal cable separators and all fixing accessories of the following size.				
a)	200mm x 200mm x 50mm	Nos.	10		
8.2	Supply & installation of 14SWG anticorrosive sheet steel under floor box with brass cover including terminals.	Nos.	2		

S.No.	Description	Unit	Qty.	Rate	Amount
8.3	Providing and installation of PVC pipes including all accessories (e.g. bends, sockets etc.) of the following sizes.				
a)	50mm dia. PVC pipe.	Mtr.	70		
b)	38mm dia. PVC pipe.	Mtr.	50		
c)	32mm dia. PVC pipe.	Mtr.	40		
d)	25mm dia. PVC pipe.	Mtr.	220		
e)	25mm dia. Flexible PVC pipe.	Mtr.	70		
				<b>TOTAL Rs.</b>	
<b>9.0</b>	<b>Data / Voice CABLING WORKS</b>				
9.1	Supply, installation and connecting-up of Cat-6 UTP, RJ-45 data/voice outlet(duplex) , 4-Pair modular, snap mounted on British standard face plate, white finish, including any modification required, complete with shuttered click-ins, labels and all accessories including sheet steel anticorrosive type back box.	Nos.	3		
a)	Same as item 9.1 above, but simplex face plate for wifi point.	Nos.	3		
9.2	Supply, Installation and termination at Patch Panel and outlet Data / Voice of horizontal 4 pair Cat. 6 UTP Cable, 23 AWG solid copper conductor in already laid cable trunking and conduit drops to outlet including labeling at both ends.	Mtr.	60		
9.3	Supply and installation of 16Port patch panel including 2U wall mounted type rack,cable mangement. Complete with all mounting accessories.	Job	1		
9.4	Termination & testing of the complete Cabling system including all accessories.	Job	1		
				<b>TOTAL Rs.</b>	



S.NO.	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
	<b>SECTION - 01, SUPPLY &amp; INSTALLATION OF PLUMBING FIXTURES</b>							
	Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.							
1.1.	Asian style water closet Orisa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.							
a.	Type - IWC	Nos.	8					
1.2	Wash basin hot and cold water mixer, waste, etc.							
a.	Type - WB	Nos.	10					
1.3	Toilet Hand Shower with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect.							
	Type - TS	Nos	8					
1.4	Toilet accessories complete set, (Imported make)							
i.	Soap dish	Nos.	4					
ii.	Towel Rod	Nos.	4					
iii.	Paper holder	Nos.	8					
		<b>Sub Total:</b>						
<b>2</b>	<b>SECTION-02 WATER SUPPLY SYSTEM.</b>							
	Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories required to complete systems ready to operate as per specificatoin, drawings & instrucion of Consultant.							
2.1	Polypropylene Random PP-R pipes PN 20 and fittings with fusion jointing alongwth all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding backfilling as required complete in all respect.							
iii.	Dia. 1"	Rft.	120					
iv.	Dia. 1-1/4"	Rft.	50					
iv.	Dia. 1-1/2"	Rft.	30					
2.10	Water supply pumps with electric motor complete in all respects including C.C foundation, inet/outlet connections, electrical connection with all fixing accessories, complete in all respécts as per schedule							
i.	Type WP-01	Set	1					
		<b>Sub Total:</b>						

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
3	<b>SECTION-03 SOIL, WASTE VENT AND RAIN WATER DRAINAGE SYSTEM</b> 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 ready to operate as per specifications, drawings and instructions of Consultant.							
3.1	uPVC pipes of approved make along with specials, fittings, bends, wye, tees, sockets, sleeves, masking plates, traps, vent cowl, chiseling, making hole, excavation, backfilling making good where as required jointing with rubber ring seal.							
i.	Dia. 1-1/4"	Rft.	35					
i.	Dia. 1-1/2"	Rft.	30					
iv.	Dia. 3"	Rft.	15					
v.	Dia. 4"	Rft.	100					
3.2	Floor trap including SS grating Floor gully, inlet outlet connection complete in all respects.							
i.	a. FT- with 3" P - trap	Nos.	4					
3.3	Cleanout for soil, waste pipes of approved make.							
iv.	For 4" dia. Pipe. With SS floor cover plate	Nos.	4					
3.4	uPVC cowl for vent pipe of the following dia. including all accessories complete.							
i.	a. 4" size.	Nos.	1					
		<b>Sub Total:</b>						
4	<b>SECTION-04 EXTERNAL SEWER &amp; MANHOLES</b> Supply, fixing, testing and commissioning of equipment, pipe work required to complete the sewerage disposal services in all respects with accessories ready to operate as per specifications, drawings and instructions of Consultant.							
4.1	uPVC pipes class 'B' for Sewer drainage with push fit rubber joint including excavation in any type of soil, dewatering if required bedding, back filling with selected material, removing of extra materials.							
i.	Dia. 6"	Rft.	35					
4.2	Construction of manholes with material including, excavation, base top RCC slab CI cover with frame, GI steps, CC benching water proof internal plaster inlet/out connections etc.							
ii.	Size 24"x24"	Nos.	1					
4.3	Construction of gully trap with material including CI cover, uPVC - P trap inlet out connection.							
		<b>Sub Total:</b>						

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
5	<b>SECTION-06 SUNDRIES</b>							
	Contractor will priced the sundries items for all Plumbing & Sanitary (P&S) services as per specifications, drawings and instruction of consultant							
5.1	Allow for connection to Municipality manhole including breaking into same, provision of pipelines and the like, making good to the consultant's approval	Job.	1					
5.2	Allow for connection to Municipality water supply including breaking into same, road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1					
5.3	Allow for connection to Sui Northern Gas Co. SNGC including road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1					
5.4	Submittals, samples, shop drawings, inspections, as built drawings, operation and maintenance manuals and the like as required by specification.	Job.	1					
5.5	Painting, identification and tagging to the M&P installations and equipments.	Job.	1					
5.6	Testing, and commissioning entire M&P installation as per Engineer's approval	Job.	1					
5.7	Builders work in connection with M&P installation including foundation, bases, inertia blocks, all sleeves, fire resistant sealant, fire stops requirements, etc.	Job.	1					
5.8	Maintenance of the complete M&P installation as specified	Job.	1					
5.9	Spares to be handed over to client (submit list of spares with bid)	Set.	1					
	The contractor will list here and price items shown on the drgs, mentioned in the specification or required for the satisfactory completion and function of all mechanical and plumbing services, but not mentioned herein. Any such items not listed below shall be deemed to be included.	Item.	1					
		<b>Sub Total:</b>						



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S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
<b>SUPPLY &amp; INSTALLATION OF VRV SYSTEM (Main)</b>								
<b>1</b>	<b>Indoor Units</b>							
1.1	Cassette type Unit complete in all respect							
	2.0 TR	8	Nos.					
1.1	Cassette type Unit complete in all respect							
	1.5 TR	1	Nos.					
1.2	Fresh Air Ducted Unit complete in all respect							
	4.0 TR	1	Nos.					
<b>2</b>	<b>Outdoor Units</b>							
	installation, testing and commisioning of VRV Outdoor Unit complete with all accessories.							
	CU-01	1	Nos.					
<b>3</b>	<b>Air Curtain</b>							
	size 4'-6"	1	Nos.					
<b>4</b>	<b>Lifting of Indoors and Outdoors</b>							
		1	Job					
<b>5</b>	<b>Communication and Power Wiring for indoor and outdoor units complete in all respects</b>							
		1	Job					
<b>6</b>	<b>Supply and Installation of Refrigerant Piping, Muller China</b>							
	Diameter 1/4"	10	RFT					
	Diameter 3/8"	133	RFT					
	Diameter 1/2"	29	RFT					
	Diameter 5/8"	126	RFT					
	Diameter 3/4"	30	RFT					
	Diameter 7/8"	19	RFT					
	Diameter 1-1/8"	31	RFT					
	Diameter 1-3/8"	30	RFT					



S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
7	Supply and Installation of Refrigerant Piping Insulation with accessories							
	Diameter 1/4"	10	RFT					
	Diameter 3/8"	133	RFT					
	Diameter 1/2"	29	RFT					
	Diameter 5/8"	126	RFT					
	Diameter 3/4"	30	RFT					
	Diameter 7/8"	19	RFT					
	Diameter 1-1/8"	31	RFT					
	Diameter 1-3/8"	30	RFT					
8	Supply and Installation of Drain Piping	1	Lot					
9	Supply and Installation of Drain Piping Insulation	1	Lot					
10	M.S Supports/ Hangers for Refrigerant Piping where required	1	Lot					
11	Additional refrigerant charging	1	Lot					
12	Shop Drawings and Asbuilts	1	Lot					
13	*Shut off Valves	ate On	Lot					
14	MCC Panel for indoor and out	ate On	Job					
<b>TOTAL COST OF INSTALLATION OF AC UNITS</b>								
<b>GRAND TOTAL</b>								

**TERMS AND CONDITIONS**

- Any typographical errors in the Schedule B are subject to the correction with Reference to the Schedule of rate General 2012 enforced from 12<sup>th</sup> July 2012 as Approved by the SRC Sindh, Karachi.
- Arbitration clause stands deleted from the agreement.
- No premium shall be paid on a Non schedule items.
- 100% Well Graded crushed bajri shall be used in items of work without any extra payment.
- All sample of items should be got approved by the Engineer Incharge.

  
**(HAFIZ SAIFDAR SHAIKH)**  
 Assistant Engineer,  
 CPO, Sindh, Karachi.

## Integrity Pact

### DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS.

Contract Number: \_\_\_\_\_ Dated: 26-01-2017  
Contract Value: Rs. 41,165,746/-  
Contract Title: Repair & Renovation Work of Saleem Wahidi Auditorium and other offices of Traffic Branch L&T Karachi.

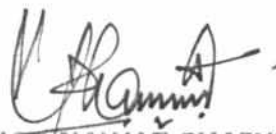
**M/S Ali's Interior** hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency therefore any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, M/S Ali's Interior represents and warrants that it has fully declared the brokerage, commission, fess 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 Procuring Agency (PA) except that which has been expressly declared pursuant hereto,

**M/S Ali's Interior** certifies that it has made and will make full disclosure of all agreements and arrangements with all person 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.

**M/S Ali's Interior** accepts full responsibility and strict liability for action likely to defeat the purpose of this 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 nay contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to an other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any right and remedies exercised by PA in this regard, **M/S Ali's Interior** 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 **M/S Ali's Interior** 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.

  
(MAZHAR NAWAZ SHAIKH) PSP,  
Deputy Inspector General of  
Traffic Licensing & Training,  
Karachi.

  
Naimat Ali Mughal  
For Ali's Interior

# POLICE DEPARTMENT SINDH

CENTRAL POLICE OFFICE KARACHI



GOVERNMENT OF SINDH

## FACE SHEET

FUND HEAD :- PROVINCIAL GOVERNMENT

MAJOR HEAD :-

MINOR HEAD :-

SERVICE HEAD: - REPAIR & RENOVATION OF SALEEM WAHIDI  
AUDITORIUM AND ALLIED BUILDING OF  
TRAFFIC L&T, CLIFTON, KARACHI

DEPARTMENT HEAD: - POLICE DEPARTMENT CPO SINDH

AMOUNTING TO: - RS: ~~39,352,000~~ / 43,907,400 /  
~~40,004,667.00~~ /

The Detailed Estimate has been prepared in the office of the Assistant Engineer Central Police Office Sindh Karachi.

GRAND SUMMARY OF COST

Division	Total Amount Rs.
1 STRUCTURE WORK	Rs. <del>6,217,897.00</del> <sup>10,456,435</sup> <u>5,901,014</u>
2 CIVIL & INTERIOR FINISHING WORK	Rs. <del>17,563,450.00</del> <u>17,227,697</u>
3 FURNITURE WORK	Rs. <u>5,043,600.00</u> ✓
4 ELECTRICAL WORK	Rs. <u>3,211,292.00</u> ✓
5 PLUMBING WORK	Rs. <u>824,195.00</u> ✓
6 HVAC SYSTEM WORK	Rs. <u>7,144,233.00</u> ✓
<b>Grand Total</b>	Rs. <del>40,004,667.00</del> <sup>43,907,44</sup> <u>39,352,03</u> <del>39,352,00</del> <u>43,907,400</u> 2

Rupees ( \_\_\_\_\_ )

NAME OF WORK:

**REPAIR & RENOVATION OF SALEEM WAHIDI AUDITORIUM AND ALLIED BUILDING OF TRAFFIC L&T, CLIFTON KARACHI**

**DETAILED COST ESTIMATE**

**SCHEDULE ITEMS:**

S/No	Description	Quantity	Rate	Unit	Amount
1.	Excavation in foundation buildings bridges and other structure in/c dabling dressing refilling around structure with excavated earth watering and ramming lead upto 5ft. (b) In ordinary soil. (SI.18-b/P-4)	4991	3176.25	%0Cft	15852
2.	Cement concrete brick or stone ballast 1 1/2" to 2" gauge of ratio 1:5:10 (SI.4-c/P-15)	4050	8694.95	%Cft	352147
3.	(a) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of ) (b) Using Tor bars. (SI.8/P-17)	18 84434	5001.70	P/Cwt	90030 4,223,135
4.	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 for forms molds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1: 2: 4) 90 Lbs. cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. (SI.6 (a) (I) / P-16).	15761	337.00	P/Cft	5311457
5.	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50ft) (SI.23/ P-04).	632 622	2722	%0Cft	1720 1712
6.	Damp proof course with cement sand Ratio (1:2) mixed with damps (a) 1 1/2" thick (SI.69-A/P-107)	1148 1145	1934.82	%Sft	22,212 22153
7.	Damp proof course with cement sand Ratio (1:2) mixed with damps (b) 3/4 thick (SI.69-b/P-107)	1148 1145	2401.58	%Sft	27,570 27498
8.	Add extra in cement concrete floor topping, if finished with pigment and polishing (SI.17/P-42)	2700	1071.40	%Sft	28927
9.	Preparing the surface and painting with matt finish in/c rubbing the surface with Bathy (Silicon carbide rubbing brick) filling the voids with zink / chalk / plaster of Paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make et complete (New surface ) (B) 2 <sup>nd</sup> & subsequent coat. (SI.36-A+B+B)/P-55) (Three coats)	5433 5940	3444.38	%Sft	204,424 204596
10.	Providing Anti-terminate treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction under the slab and along attached perches or entrance etc, complete as per directions of Engineer Incharge. (SI-91/P-109)	4080 4078	40.10	P.Rft	163,608 163527
Total:					6217897

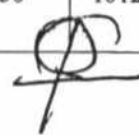
**NON-SCHEDULE ITEMS:**

Add: 10% above rate No: 3  
 10,034,119  
 422,314  
 10,456,433  
 5,901,614

S/No	Description	Quantity	Rate	Unit	Amount
1.	Removing of existing construction including tools & equipments, all necessary precautionary measures, stacking useable at designated, existing slab cement chipping, AC / Electrical or any other item which is required to be removed place for Owner's properly, carting away surplus, stuff, etc. from site complete in all respect. *	496 491	15	P/Cft	7440 7365
2.	The Contractor shall install maintain and operate a system wells, trenches and pumps as required to perform the excavations for the areas and subsequent construction of the structures and placement	2	12,825	P/Day	25650

	of back fill in the dry. All excavations shall be dewatered and kept free of standing water, complete in all respect as directed by the Consultant (Pump)				
3.	Earth filling with offsite material (brought from out side source) in plinth, depression and where ever required laid in 300mm layer well watered, consolidated and compacted with mechanical means complete as per drawing and as directed by the Consultants	632 <del>629</del>	81	P/Cft	51190 <del>50949</del>
4.	Providing and laying stone soling to 150mm thick with broken stones and filling the voids with stone metals 19 to 37mm size and fine sand, well rammed, watered, consolidated and compacted with mechanical means. Complete as per drg. and as directed by Consultants	1132	74.25	P/Sft	83765 8405
5.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants a) 75mm thick (Sub floor)	221 <del>444</del>	310.50	P/Cft	68510 <del>137862</del>
6.	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants b) 100mm thick (plat form for Kitchen Cabinet)	221 <del>444</del>	280	P/Sft	61850 <del>124320</del>
7.	Providing and laying specified bitumen hycarb AHS hycarb bitumen (60 lbs/100 Sft) in 3 coats including primer coat on Roof, Kitchen and toilet floors each coat to be applied at least 24 hours after application of the previous coat application of bituminous coat should be commenced at least after 10 days of completion of curing period complete as per drawing and as directed by the Consultant	2600	67.50	P/Sft	175500
8.	Providing and laying C.C. 1:4:8 bed concrete using graded screened bajri 9mm and down gauge as fine aggregate and stone ballast 25 to 50mm size as coarse aggregate in foundation over well compacted earth including levelling and curing etc. complete as per drawing and as directed by the Consultants	2600	148.50	P/Sft	386100
9.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	800	97.20	P/Sft	77760
10.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 6" thick Solid	1300	124.20	P/Sft	161460
11.	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block	170	209.25	P/Sft	35572

	masonry. 6" to 12" thick Solid				
12.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. a ) ½" thick Smooth Plaster.	<del>4540</del> 4395	74.25	P/Sft	<del>376,379</del> 337095
13.	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. b ) ¾" thick Smooth Plaster	<del>4540</del> 4395	78.30	P/Sft	<del>344,124</del> 355482
14.	Provide & lay in line and level imported carpet tiles of approved sample with approved adhesive with minimum joint, including cutting, lifting, wastage, etc, complete in all respect as per drawing and instruction of the Architect. For payment net installed carpet tiles area will be measured. Wastage factor should be added by contractor in his unit rate	<del>1700</del> 1690	573.75	P/Sft	<del>923,738</del> 925375
15.	Provide and install in line & level Pre-finished Wooden Laminated Flooring, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	300	513	P/Sft	153900
16.	Provide and install in line & level Pre-finished Wooden Laminate floor planks fixed with approved adhesive on ¾" thick MDF board (Lasani or approved equivalent) with solignum treated partial wood internal framing of approved sections, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.	<del>80</del> 84	553	P/Sft	<del>44240</del> 46494
17.	Provide and lay porcelain tile of approved sample & design for flooring with 1:4 cement sand mortar base of required thickness so as to achieve a minimum overall finished floor thickness of 2", setting the tiles with neat cement mortar, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including curing, cleaning, cutting (cut to size, where required), lifting, hacking of existing surface for bonding where necessary, etc., complete in all respect as per specifications and drawings.	<del>659</del> 700	472.50	P/Sft	<del>311,378</del> 330750
18.	Provide and lay minimum ¾" thick stone of approved sample, design & finish with 1:4 cement sand mortar base of required thickness, setting the stone with neat cement mortar, grouting the joints with 1:4 cement sand mortar, including curing, cleaning, cutting (cut to size, where required), making of grooves & round / Beveled edges (where shown), hacking of existing surface for bonding where necessary, etc., complete in all respect. For payment net stone area will be measured.	360	945	P/Sft	340200
19.	Planter (External) Provide and construct Planter as per following detail. For payment planter plan area from outer edges shall be measured. A ) C.C. Block masonry of approved thickness.	<del>231</del> 250	1012.50	P/Sft	<del>234,900</del> 253,125



	<p>b) ¾" thick plaster with pudlo mixed on internal floor and ¾" thick plain plaster on walls, etc., complete in all respect.</p> <p>c) Cementitious waterproofing treatment by brush application of ICS / Penetron International Ltd or approved equivalent including treatment at the junctions of horizontal &amp; vertical surface, etc., as per manufacturer's specifications and instructions.</p> <p>d) Provide and lay wash Pebble (HUB) of approved sizes, including washing, cleaning, lifting, wastage, etc., complete in all respect.</p> <p>e) ¾" thick stone on Coping &amp; outer vertical surface of walls around Planter fixed with base mortar of approved thickness, 40mm x 40mm x 5mm thick M.S. Angle for bottom support fixed on wall with screws, including curing, cleaning, cutting, making of grooves &amp; round / beveled edges as shown etc., complete in all respect.</p>				
20.	C.C. Pavers (External). Provide and lay 8" x 4" x 2½" thick C.C. Pavers (75% Grey & 25% Pigmented) of approved sample with sand bed of required thickness, including compacting etc., complete in all respect.	<del>2700</del> 3620	216	P/Sft	<del>299200</del> 751,920
21.	Provide and lay porcelain tile dado of approved sample fixed with approved adhesive on cement board partition & 1:4 cement sand mortar base of required thickness, setting the tiles with neat cement mortar on walls, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including, curing, cleaning, cutting of tiles to required sizes (where required), lifting, etc., complete in all respect as per specifications and drawings.	<del>1500</del> 1400	486	P/Sft	<del>729000</del> 650,400
22.	Same as Item # 6.1 above but with 4" high Porcelain Tile (cut to size) of approved sample for skirting etc., complete in all respect. For payment net running length of skirting will be measured.	<del>210</del> 260	128.25	P/Rft	<del>26932</del> 25,650
23.	Provide and install in position aluminum windows, consisting of solignum treated partial wood frame of approved sections (where shown), aluminum Main & shutter frame of approved sections, natural anodized powder coated (Pakistan Cables or approved equivalent) with 6mm thick tempered clear float glass of approved sample, 6mm thick commercial ply on bottom as shown in drawings & details, including all hardwares, sliding mechanism of approved sample for sliding panels, silicon sealant, rubber & neoprene gasket, wastage, fixing arrangements, lifting, cutting, scaffolding, etc., complete in all respect. For payment frame to frame will be measured.	<del>15</del> 17	1012.50	P/Sft	<del>15187</del> 12150
24.	Provide and install in position 1½" to 8" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.	<del>850</del> 675	742.50	P/Sft	<del>631125</del> 612,563
25.	Provide and install in position 3" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 20mm thick MDF board (Lasani or approved equivalent) fixed on frame, Fabric of approved quality & sample (Project Fabric or approved equivalent) fixed with approved adhesive on MDF board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.	210	810	P/Sft	170100
26.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA	<del>130</del> 119	1957.50	P/Sft	<del>254475</del> 232,943





	Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.				
27.	Provide and install in position Pre-Cast Fair Faced Panel of approved sample & shades, including making grooves, chamfered edges, joint details, sealant, fixing & framing system, protection of panels, etc. all as per manufacturer's specifications and instructions, scaffolding arrangement, fixing arrangement, etc. complete in all respect as per specifications and drawings. For payment finished / installed exposed area (elevation linear width x linear height or linear length x linear width) will be measured i.e. grooves / chamfered edges, shall deem to have been covered in this measurement and shall not be measured separately.	900	573.75	P/Sft	516375
28.	Provide and install in position Wooden Post, consisting of 2" x 2" Solid White Oak Wood with approved polish finish fixed on floor, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side running length of post without thickness will be measured.	210	607.50	P/Rft	127575
29.	Provide and install in position Wooden Screen, consisting of 2" x 1" thick Solid White Oak Wood ribs with approved polish finish, 2" thick gap between two ribs, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing & instruction of the Architect. For payment net one side elevation area of screen including gaps will be measured.	127 180	1822.50	P/Sft	231,456 <del>236925</del>
30.	Provide and install in position Wooden doors, consisting of 1½" thick shutter (for shutters solignum treated partial wood infill framing), ½" thick Solid White Oak wood (Comb Finish) on both side of shutter, natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, 1½" x 1½" thick Solid White Oak wood for Handle, Solid White Oak wood lipping on edges with approved polish finish on all wood works, Metal Plate with approved Powder Coated finish as shown, making of groove where required, including all hardwares, hinges, lock, glue, wastage, Silicone sealant, rubber gasket, lifting, etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	150 200	2497.50	P/Sft	449,550 <del>499500</del>
31.	Provide and install in position wooden door, consisting of 1½" thick solid core flush shutter (for flush door shutters partial wood infill framing), formica (Tuff Formica textured finish of Baluchistan Laminate or approved equivalent) on both side of shutter with 100mm x 40mm thick natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, Golden Teak wood lipping with approved polish finish, including all hardwares, making of groove (where required), S.S. hinges & handle, lock, plastic louvers of approved sample, S.S. Push Plate 18 SWG (for Type-C), glue, wastage, Silicone sealant, rubber gasket, lifting, fixing, cutting etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.	130	1687.50	P/Sft	219375
32.	Provide and install in position Gypsum Board Ceiling, consisting of G.I. frame work of approved sections with G.I. Hangers and 16-18 swg. aluminum edgings as shown, 12mm thick Gypsum Board Sheet (Gypsum Board : Elephant Brand Thailand or approved equivalent), cutting of opening for light fixtures / diffusers with making of light pelmet, fiber tape on joints, including 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on Gypsum board, primer coat filling if required	575	337.50	P/Sft	194062

	and all other hardwares, wastage, scaffolding, making access panel (where required), etc., complete in all respect. For payment exposed sheet surface area will be measured.				
33.	Gypsum Board Ceiling Paint Finish in Toilets. Same as Item # 10.1 above but with 12mm thick M.R. (Moisture Resistance) Gypsum Board sheet (Elephant brand - Thailand) etc., complete in all respect. For payment exposed sheet surface area will be measured.	700	351	P/Sft	245700
34.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on bottom of MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	1000	776.25	P/Sft	776250
35.	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.	350	2227.50	P/Sft	779625
36.	Provide and install in position Wooden Trellis, consisting of 2½" x 1½" thick Solid White Oak wood main support, 2" x 1" thick Solid White Oak wood strips fixed on main support with approved polish finish, 3/8" dia M.S. Bar hanger welded with 6" x 1½" x ¼" thick M.S. Plate screw with wooden support & welded with 4" x 4" x ¼" thick M.S. Plate fixed on existing slab with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured.	650	2092	P/Sft	1,359,800 / 1360125
37.	Provide and install in position Wooden Trellis, consisting of 6" x 3" thick Solid White Oak wood strips & 3" thick gap between two strips fixed on 3" x 1½" thick Solid White Oak wood vertical post for support with approved polish finish, 3" x 6" x ¼" thick M.S. Box section for top support welded with 18" x 3" x ¼" thick M.S.Box Section for main vertical support welded with ¼" thick M.S. Base Plate fixed on floor with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured including the cost of all M.S. Work.	1355	3172	P/Sft	4298060
38.	Provide and Install in position 14'-0" wide x 2'-0" deep x 2'-10" high Reception Counter, consisting of solignum treated partial wood frame of approved sections (as shown), 12mm thick MDF board (Lasani or approved equivalent) for counter top, partition & structure fixed on wooden frame, ½" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approved adhesive on MDF board for counter top, 3" x 1" thick Solid White Oak wood strips on front with approved polish finish & 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on MDF board as shown in the	1	168750	P/Job	168750

	drawings & details, including all hardwares, edge making, wastage, cutting, lifting, etc., complete in all respect & instruction of the Architect.				
39.	Provide and install in position Acrylic finish Counter, consisting of 1½" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 20mm thick water proof MDF board (Lasani or approved equivalent), 1½" x 1½" x ¼" thick M.S. Angle frame for counter support embedded in wall, solignum treated partal wood frame of approved sections (as shown), including three coats of Matt Enamel paint finish (Jotun / ICI or Berger) & two coats of anti-corrosive paint (ICI / Berger) on all M.S. work and all other hardwares, wastage, lifting, cutting, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2632	P/Sft	171080
40.	Provide and install in position Acrylic finish Coping on 4" wide plumbing wall, consisting of ½" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 12mm thick water proof MDF board (Lasani or approved equivalent) as shown in the drawings & details, including all hardwares, wastage, lifting, cutting, fixing, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.	65	2700	P/Sft	175500
41.	Provide and install in position Mirror, consisting of 5mm thick Belgium Mirror with beveled edge of approved quality, ½" thick marine ply backing fixed with ¾" x ¾" x 1/8" S.S. Angle for support fix on wall, including all hardwares, wastage, lifting, cutting, fixing, approve adhesive etc., complete in all respect. For payment net installed mirror area will be measured.	110	877.50	P/Sft	96525
42.	Provide and install in position Wooden lipping, consisting of 6"x ¼" thick Solid White Oak Wood for lipping with approved polish finish, including all hardwares, glue, wastage, cutting, lifting, etc., complete in all respect and as per drawing & instruction of the Architect. For payment net running length of lipping will be measured.	46	438	P/Rft	20148
43.	Provide & install in position pre-fabricated 450mm x 450mm in size Aluminum Access Panels of approved quality with powder coating of approved shade & sample, including all hardwares, hinges, wastage, fixing arrangement etc., complete in all respect.	26	16875	P/Nos	438750
44.	Providing, cutting, welding, fabricating, hoisting and fixing in position, M.S. structural members such as I - sections, channels, angles, checkered plates, nuts & bolts (HILTI) , cleats etc as shown in drawing. Complete with 4mm thick fillet welding (all around the section) as shown in drawing, grinded the welded joints, applying two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work. Complete with all materials, tools, plants, and machinery, complete with wastage, welding rods etc. Complete upto required height and level. Complete in all respect as per drawing, specifications and directed by Architect.	1660	324	Kgs	518400
45.	Provide and install in position M.S. Railing, consisting of 2" x 1½" x 18 SWG M.S. Pipe for vertical post & handrail welded with M.S. Structure, including two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work and all other hardwares, wastages, welding, lifting, cutting, fixing etc., complete in all respect & instruction of the Architect. For payment net running length of railing will be measured.	66	1687	P/Rft	111342
Total:					<del>17563450</del>

17,227,697

Sr. No.	Particulars	Qty.	Unit	Rate Rs.	Amount Rs.
	<b>FURNITURE WORKS</b>				
A	<b>Sofa &amp; Chair</b>				
a	Providing and making sofa & chairs of "CHAIRISTER" make as per following specifications,				
i	using best quality Oak wood, well seasoned				
ii	using best quality (Imported) fabric @Rs. 1000/-meter				
iii	using MASTER Moultly Foam or approved equivalent				
iv	Lacquer polish finish to all wood surfaces except noted otherwise				
v	Best quality Hardware to be used				
vi	Using imported base and side arms				
b	Samples of all the items will be approved before the final product.				
i	C1 - Stage Chairs	5.00	No	33,480.00	167,400.00
ii	C2 - Auditorium Chair	120.00	No	39,555.00	4,746,600.00
c	Providing, making and fixing, as per detail, drawing and standard specification as approved				
	<b>3- Seater Sofa</b>				
i	ES1	2.00	No	64,800.00	129,600.00

<b>Total of 'A'</b>				<b>5,043,600.00</b>
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S.No.	Description	Unit	Qty.	Rate	Amount
<b>1.0</b>	<b>LIGHTING FIXTURES</b>				
1.1	Supply, installation and connection of the following lighting fixtures. Complete with all mounting accessories.				
a)	Fixture Type 'A' (Recessed) Down lighter with 1x 35W LED Lamp.	Nos.	13	7,425.00	96,525.00
b)	Fixture Type 'B' (Recessed) Down lighter with 1x12W LED lamp.	Nos.	28	6,075.00	170,100.00
c)	Fixture Type 'C' (Recessed) Down lighter with 1x7W LED lamp.	Nos.	23	5,400.00	124,200.00
d)	Fixture Type 'D' (Wall light) Basic Price Item Rs. 2500/=	Nos.	22	4,725.00	103,950.00
e)	Fixture Type 'E' (Surface) RGB strip light of 5mtr coil.	Nos	6	16,200.00	97,200.00
f)	Fixture Type 'F' (Surface) Philips TMS-128, 1 x 28 W T5 lamp with colour 83 lamp.	Nos.	26	2,430.00	63,180.00
g)	Fixture Type 'G' (Surface) Menvier emergency light with 1x8 watts fl.lamp including exit sign.	Nos.	4	16,200.00	64,800.00
1.2)	Providing and installing of 12" dia exhaust fan with plastic louver.	Nos.	4	6,075.00	24,300.00
				<b>TOTAL Rs.</b>	<b>744,255.00</b>
<b>2.0</b>	<b>FIRE ALARM SYSTEM</b>				
2.1	Providing ,installation and connection of conventional type 2-zone fire alarm control panel (FACP).	No.	1	49,950.00	49,950.00
2.2	Supply, installation and connection of conventional type smoke detector.	Nos.	6	6,075.00	36,450.00
2.3	Supply, installation and connection of conventional type heat detector.	No.	1	6,480.00	6,480.00
2.4	Supply, installation and connection of conventional type manual break glass station.	Nos.	2	5,400.00	10,800.00
2.5	Supply, installation and connection of electronic sounder .	Nos.	2	6,750.00	13,500.00

S.No.	Description	Unit	Qty.	Rate	Amount
2.6	Supply and installation of wiring for smoke detector and manual call point devices wired with 2xC-1.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to devices.	Mtr.	40	263.25	10,530.00
2.7	Supply and installation of wiring for electronic sounder wired with 2x1C-2.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to sounder.	Mtr.	20	398.25	7,965.00
2.8	Testing and commissioning of the entire system by authorized local supplier.	Job	1	6,750.00	6,750.00
				<b>TOTAL Rs.</b>	<b>142,425.00</b>
<b>3.0</b>	<b>CCTV SYSTEM</b>				
3.1	Supply and installation of dome type camera. Complete with all mounting accessories.	Nos.	7	20,250.00	141,750.00
3.2	Supply and installation of 8channel digital video recorder (DVR).	Job	1	202,500.00	202,500.00
3.3	Supply and installation of 24" color monitor. Complete with all mounting accessories.	No.	1	47,250.00	47,250.00
3.4	Supply, installation and connection of RG6 coaxial cable in 25mm dia. PVC conduit from camera to to DVR. Complete with all mounting accessories.	Mtr.	90	263.25	23,692.50
3.5	Supply, installation and connection of 3C-1.5mm <sup>2</sup> PVC/PVC cable for power supply to CCTV cameras in PVC conduit.	Mtr.	80	330.75	26,460.00
3.6	Testing and commissioning of the entire system by authorized local supplier.	Job	1	13,500.00	13,500.00
				<b>TOTAL Rs.</b>	<b>455,152.50</b>
<b>4.0</b>	<b>SOUND SYSTEM</b>				
4.1	Supply and installation of sound system complete with all accessories power supply unit, comprising of the following items as per drawings & specifications, complete in all respect.				

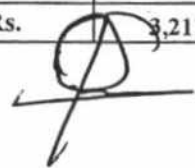
S.No.	Description	Unit	Qty.	Rate	Amount
a)	Supply & installation of mixer amplifier of 120w upto 1 microphone and 1 line level inputs.	No.	1	60,750.00	60,750.00
b)	Column type speaker rated input 30w shall have a SPL of 94dB at 1 w/m 7khz and a coverage angle of 180°.	Nos.	12	37,800.00	453,600.00
c)	Interconnects, connectors, cables.	Lot.	1	27,000.00	27,000.00
4.2	Speakers wiring with 3C-2.5mm <sup>2</sup> PVC/PVC cable in 25mm dia. PVC conduit.	Mtr.	90	425.25	38,272.50
4.3	Testing and commissioning of the entire system by authorized local supplier.	Job	1	13,500.00	13,500.00
				<b>TOTAL Rs.</b>	<b>593,122.50</b>
<b>5.0</b>	<b>LIGHT, FAN, SOCKET WIRING</b>				
5.1	Providing and installing of light point wiring with 3x1.5 sq.mm single core PVC insulated 300/500 V grade copper wires in 20mm dia. PVC conduit surface/concealed mounted including all accessories, connector/PVC junction boxes, 1.5 sq.mm 3-core PVC/PVC cable in flexible PVC conduit for final connection, complete in all respects.				
a)	Light point controlled by one switch.	Nos.	55	3,510.00	193,050.00
b)	Light point from point to point.	Nos.	50	2,430.00	121,500.00
c)	Fixture to fixture wiring with 3-core 1.5sq.mm PVC/PVC cable.	Nos.	18	2,700.00	48,600.00
d)	Exhaust fan point.	Nos.	3	2,430.00	7,290.00
e)	Circuit wiring from distribution board to switch/lighting points with 3x2.5 sq.mm single core PVC wires in PVC conduit complete with all accessories.	Nos.	3	6,480.00	19,440.00
f)	Circuit wiring for group control from respective distribution board to first light point wired with 3x2.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	No.	1	6,480.00	6,480.00

S.No.	Description	Unit	Qty.	Rate	Amount
g)	Same as item 5.1f, above but from light point to point with 3x1.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	Nos.	10	2,430.00	24,300.00
5.2	Providing and installing of wiring from distribution board for 13A international switch socket outlets with 3 x 2.5 sq.mm single core PVC insulated copper wires in 25mm dia. PVC conduit concealed / surface mounted, with all accessories.	Nos.	3	6,615.00	19,845.00
5.3	Same as item 5.2, but wiring from point to point.	Nos.	12	3,780.00	45,360.00
5.4	Providing & installing of wiring for AC unit from DB to load break switch wired with with 3x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	11,475.00	11,475.00
5.5	Providing & installing of wiring for AC unit from DB to load break switch wired with with 5x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	25,650.00	25,650.00
5.6	Supply and installation of sheet steel back box including earth link. Complete with all mounting accessories.	Nos.	40	243.00	9,720.00
5.7	Supply and installation of following Clipsal Vivace series switches and sockets on already installed sheet steel back boxes.				
a)	One Gang Switch	Nos.	2	330.75	661.50
b)	One Gang Switch	No.	1	533.25	533.25
c)	Three Gang Switch	Nos.	6	668.25	4,009.50
d)	Four Gang Switch	Nos.	4	803.25	3,213.00
e)	13Amp. International Switch Socket Outlet.	Nos.	20	1,012.50	20,250.00
				<b>TOTAL Rs.</b>	<b>561,377.25</b>
6.0	<b>L V SWITCHGEAR</b>				



S.No.	Description	Unit	Qty.	Rate	Amount
6.1	Supply, installation and connection of the mixed capacity distribution board. Complete with all mounting accessories as per drawing. DB should be of anticorrosive type.	No.	1	195,750.00	<del>195,750.00</del>
6.2	Supply, installation and connection of the following load break switch / MCB's in weather proof sheet steel enclosure including earth and neutral terminal. Complete with all mounting accessories.				
a)	20A.DP.MCB(10KA)	No.	1	6,750.00	6,750.00
b)	30A.TP.MCB(10KA)	No.	1	8,100.00	8,100.00
				<b>TOTAL Rs.</b>	<b>210,600.00</b>
<b>7.0</b>	<b>MAIN/SUB-MAIN CABLES</b>				
7.1	Supply installation and connection of the following submain 600V/1000V grade PVC insulated multi core copper cables in already installed PVC conduit, complete with all accessories.				
a)	From Existing Panel to Dist.Board 4C-35sq.mm PVC/PVC + 1x1C-16sqmm PVC cables.	Mtr.	70	4,050.00	283,500.00
	<b>Note:</b> Actual length of the cable as per site. Contractor has to procure / order the quantity of the cable after site visit.				
				<b>TOTAL Rs.</b>	<b>283,500.00</b>
<b>8.0</b>	<b>G.I. PULL BOXES / PVC PIPES.</b>				
8.1	Supply and installation of 14 SWG anticorrosive sheet steel under floor pull boxes including cover, brass earth terminal, metal cable separators and all fixing accessories of the following size.				
a)	200mm x 200mm x 50mm	Nos.	10	4,725.00	<del>47,250.00</del>
8.2	Supply & installation of 14SWG anticorrosive sheet steel under floor box with brass cover including terminals.	Nos.	2	6,075.00	12,150.00

S.No.	Description	Unit	Qty.	Rate	Amount
8.3	Providing and installation of PVC pipes including all accessories (e.g. bends, sockets etc.) of the following sizes.				
a)	50mm dia. PVC pipe.	Mtr.	70	324.00	22,680.00
b)	38mm dia. PVC pipe.	Mtr.	50	263.25	13,162.50
c)	32mm dia. PVC pipe.	Mtr.	40	128.25	5,130.00
d)	25mm dia. PVC pipe.	Mtr.	220	101.25	22,275.00
e)	25mm dia. Flexible PVC pipe.	Mtr.	70	87.75	6,142.50
				<b>TOTAL Rs.</b>	<b>128,790.00</b>
<b>9.0</b>	<b>Data / Voice CABLING WORKS</b>				
9.1	Supply, installation and connecting-up of Cat-6 UTP, RJ-45 data/voice outlet(duplex) , 4-Pair modular, snap mounted on British standard face plate, white finish, including any modification required, complete with shuttered click-ins, labels and all accessories including sheet steel anticorrosive type back box.	Nos.	3	6,075.00	18,225.00
a)	Same as item 9.1 above, but simplex face plate for wifi point.	Nos.	3	5,400.00	16,200.00
9.2	Supply, Installation and termination at Patch Panel and outlet Data / Voice of horizontal 4 pair Cat. 6 UTP Cable, 23 AWG solid copper conductor in already laid cable trunking and conduit drops to outlet including labeling at both ends.	Mtr.	60	263.25	15,795.00
9.3	Supply and installation of 16Port patch panel including 2U wall mounted type rack,cable mangement. Complete with all mounting accessories.	Job	1	28,350.00	28,350.00
9.4	Termination & testing of the complete Cabling system including all accessories.	Job	1	13,500.00	13,500.00
				<b>TOTAL Rs.</b>	<b>92,070.00</b>
				<b>Grand TOTAL Rs.</b>	<b>3,211,292.00</b>

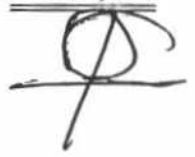


S.NO.	DESCRIPTION	UNIT	QTY	LABOUR		MATERIAL		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
	<b>SECTION - 01, SUPPLY &amp; INSTALLATION OF PLUMBING FIXTURES</b>							
1.1.	Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use Asian style water closet Orisa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.							
a.	Type - IWC	Nos.	8	4,725.00	37,800	14175	113400	151,200
1.2	Wash basin hot and cold water mixer, waste, etc.							
a.	Type - WB	Nos.	10	2,025.00	20,250	5670	56700	76,950
1.3	Toilet Hand Shower with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect.							
	Type - TS	Nos	8	405.00	3,240	5332.5	42660	45,900
1.4	Toilet accessories complete set, (Imported)							
i.	Soap dish	Nos.	4	114.75	459	1026	4104	4,563
ii.	Towel Rod	Nos.	4	297.00	1,188	3105	12420	13,608
iii.	Paper holder	Nos.	8	297.00	2,376	1323	10584	12,960
	<b>Sub Total:</b>							305,181
2	<b>SECTION-02 WATER SUPPLY SYSTEM.</b>							
	Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories required to							
2.1	Polypropylene Random PP-R pipes PN 20 and fittings with fusion jointing alongwth all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding							
iii.	Dia. 1"	Rft.	120	114.75	13,770	391.5	46980	60,750
iv.	Dia. 1-1/4"	Rft.	50	132.30	6,615	513	25650	32,265
iv.	Dia. 1-1/2"	Rft.	30	175.50	5,265	669.6	20088	25,353
2.10	Water supply pumps with electric motor complete in all respects including C.C foundation, intet/outlet connections, electrical connection with all fixing accessories, complete							
i.	Type WP-01	Set	1	10,462.50	10,463	87750	87750	98,213
	<b>Sub Total:</b>							216,581

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
3	<b>SECTION-03 SOIL, WASTE VENT AND RAIN WATER DRAINAGE SYSTEM</b> 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 ready to operate as per							
3.1	uPVC pipes of approved make along with specials, fittings, bends, wye, tees, sockets, sleeves, masking plates, traps, vent cowl, chiseling, making hole, excavation,							
i.	Dia. 1-1/4"	Rft.	35	91.80	3,213	337.5	11812.5	15,026
i.	Dia. 1-1/2"	Rft.	30	91.80	2,754	371.25	11137.5	43,892
iv.	Dia. 3"	Rft.	15	132.30	1,985	573.75	8606.25	10,591
v.	Dia. 4"	Rft.	100	175.50	17,550	776.25	77625	95,175
3.2	Floor trap including SS grating Floor gully, inlet outlet connection complete in all respects.							
i.	a. FT- with 3" P - trap	Nos.	4	708.75	2,835	3982.5	15930	18,765
3.3	Cleanout for soil, waste pipes of approved make.							
iv.	For 4" dia. Pipe. With SS floor cover plate	Nos.	4	708.75	2,835	3982.5	15930	18,765
3.4	uPVC cowl for vent pipe of the following dia. including all accessories complete.							
i.	a. 4" size.	Nos.	1	74.25	74	708.75	708.75	783
								172,998
4	<b>SECTION-04 EXTERNAL SEWER &amp; DRAINAGE</b> Supply, fixing, testing and commissioning of equipment, pipe work required to complete the sewerage disposal services in all respects with accessories ready to operate as per							
4.1	uPVC pipes class 'B' for Sewer drainage with push fit rubber joint including excavation in any type of soil, dewatering if required							
i.	Dia. 6"	Rft.	35	199.80	6,993	837	29295	36,288
4.2	Construction of manholes with material including, excavation, base top RCC slab CI cover with frame, GI steps, CC benching water proof internal plaster inlet/out connections etc.							
ii.	Size 24"x24"	Nos.	1	2,700.00	2,700	9450	9450	12,150
4.3	Construction of gully trap with material including CI cover, uPVC - P trap inlet out							
								48,438

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
5	<b>SECTION-06 SUNDRIES</b> Contractor will priced the sundries items for all Plumbing & Sanitary (P&S) services as per specifications, drawings and instruction of							
5.1	Allow for connection to Municipality manhole including breaking into same, provision of pipelines and the like, making good to the consultant's approval	Job.						
5.2	Allow for connection to Municipality water supply including breaking into same, road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.						
5.3	Allow for connection to Sui Northern Gas Co. SNGC including road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.						
5.4	Submittals, samples, shop drawings, inspections, as built drawings, operation and maintenance manuals and the like as required by specification.	Job.				47250		47250
5.5	Painting, identification and tagging to the M&P installations and equipments.	Job.						
5.6	Testing, and commissioning entire M&P installation as per Engineer's approval	Job.				33750		33750
5.7	Builders work in connection with M&P installation including foundation, bases, inertia blocks, all sleeves, fire resistant sealant, fire stops requirements, etc.	Job.						
5.8	Maintenance of the complete M&P installation as specified	Job.						
5.9	Spares to be handed over to client (submit list of spares with bid)	Set.						
	The contractor will list here and price items shown on the drgs, mentioned in the specification or required for the satisfactory completion and function of all mechanical and plumbing services, but not mentioned herein. Any such items not listed below shall be deemed to be included	Item.						
		<b>Sub Total:</b>						<b>81,000</b>

Total Amount of Plumbing Works = Rs. 824,195




S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
<b>SUPPLY &amp; INSTALLATION OF VRV SYSTEM (Main)</b>								
<b>1</b>	<b>Indoor Units</b>							
1.1	Cassette type Unit complete in all respect							
	2.0 TR	8	Nos.	263,250.00	2,106,000.00	10,800.00	86,400.00	2,192,400
1.1	Cassette type Unit complete in all respect							
	1.5 TR	1	Nos.	202,422.00	202,422.00	10,800.00	10,800.00	213,222
1.2	Fresh Air Ducted Unit complete in all respect							
	4.0 TR	1	Nos.	425,250.00	425,250.00	10,800.00	10,800.00	436,050
<b>2</b>	<b>Outdoor Units</b>							
	installation, testing and commissioning of VRV Outdoor Unit complete with all accessories.							
	CU-01	1	Nos.	2,497,500.00	2,497,500.00	20,250.00	20,250.00	2,517,750
<b>3</b>	<b>Air Curtain</b>							
	size 4'-6"	1	Nos.	87,750.00	87,750.00	6,750.00	6,750.00	94,500
<b>4</b>	<b>Lifting of Indoors and Outdoors</b>							
		1	Job			270,000.00	270,000.00	270,000
<b>5</b>	<b>Communication and Power Wiring for indoor and outdoor units complete in all respects</b>							
		1	Job	675,000.00	675,000.00	67,500.00	67,500.00	742,500
<b>6</b>	<b>Supply and Installation of Refrigerant Piping, Muller China</b>							
	Diameter 1/4"	10	RFT	418.50	4,185.00	87.75	877.50	5,063
	Diameter 3/8"	133	RFT	472.50	62,842.50	87.75	11,670.75	74,513
	Diameter 1/2"	29	RFT	540.00	15,660.00	94.50	2,740.50	18,401
	Diameter 5/8"	126	RFT	608.00	76,608.00	94.50	11,907.00	88,515
	Diameter 3/4"	30	RFT	878.00	26,340.00	94.50	2,835.00	29,175
	Diameter 7/8"	19	RFT	945.00	17,955.00	135.00	2,565.00	20,520
	Diameter 1-1/8"	31	RFT	1,350.00	41,850.00	202.50	6,277.50	48,128
	Diameter 1-3/8"	30	RFT	1,620.00	48,600.00	236.25	7,087.50	55,688

S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
7	Supply and Installation of Refrigerant Piping Insulation with accessories							
	Diameter 1/4"	10	RFT	27.00	270.00	13.50	135.00	405
	Diameter 3/8"	133	RFT	33.75	4,488.75	13.50	1,795.50	6,284
	Diameter 1/2"	29	RFT	54.00	1,566.00	13.50	391.50	1,958
	Diameter 5/8"	126	RFT	67.50	8,505.00	13.50	1,701.00	10,206
	Diameter 3/4"	30	RFT	87.75	2,632.50	20.25	607.50	3,240
	Diameter 7/8"	19	RFT	101.25	1,923.75	20.25	384.75	2,309
	Diameter 1-1/8"	31	RFT	101.25	3,138.75	40.50	1,255.50	4,394
	Diameter 1-3/8"	30	RFT	135.00	4,050.00	40.50	1,215.00	5,265
8	Supply and Installation of Drain Piping	1	Lot	101,250.00	101,250.00	13,500.00	13,500.00	114,750
9	Supply and Installation of Drain Piping Insulation	1	Lot	33,750.00	33,750.00	6,750.00	6,750.00	40,500
10	M.S Supports/ Hangers for Refrigerant Piping where required	1	Lot	54,000.00	54,000.00	13,500.00	13,500.00	67,500
11	Additional refrigerant charging	1	Lot	54,000.00	54,000.00	13,500.00	13,500.00	67,500
12	Shop Drawings and Asbuilts	1	Lot			13,500.00	13,500.00	13,500
13	*Shut off Valves	ate On	Lot					
14	MCC Panel for indoor and outate On	ate On	Job	270,000.00	-	20,250.00	-	
<b>TOTAL COST OF INSTALLATION OF AC UNITS</b>								<b>7,144,233.75</b>
GRAND TOTAL of all Schedule & Non-schedule Items including Furniture, Lighting fixtures, Plumbing & HVAC System (+6217897+17563450+5043600+3211291+824195+7144233)								<del>40,001,667.00</del>

10,456,433 + 17,227,697

43,907,449  
43,907,400

  
Executive Engineer  
Sindh Police Department

  
(HAFIZ SA'DAR SHIAKH)  
Assistant Engineer,  
CPO, Sindh, Karachi.

  
Superintending Engineer  
Police Department Government of  
Sindh Karachi

MEASUREMENT SHEETS

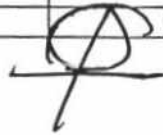
BOQ ITEM	DESCRIPTION	UNIT	NOS.	LENGTH	WIDTH	DEPTH	QTY
1	Excavation for foundation of columns, walls, etc. upto any depth and lead including back filling of excavated earth in foundation trenches and spreading the surplus earth in plinth area and/or depressions where required including making provision for shoring of loose soil if required and removal of excavated earth upto 1500mm from edge of excavation complete as per drawing and as directed by the Consultants.	Cft	4	18	4	4	1152
			4	12	4	4	768
			2	75	4	4	2400
			1	12	12	2	288
			1	24	4	4	384
			Total:				
2	Cement concrete brick or stone ballast 1 1/2" to 2" gauge of ratio 1:5:10	Cft	1	18	12	10	2160
			1	12	12	10	1440
			1	22.5	2	10	450
Total:							4050 cft
3	(a) Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of ) (b) Using Tor bars.						844.34
							P/Cwt
4	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 curing rendering and finishing the exposed surface (including screening and washing of shingle) a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or present laid in position complete in all respects. Contd (1) Ratio (1: 2: 4) 90 Lbs. cement 2Cft Sand 4Cft. Shingle 1/8' to 1/4" gauge.	Cft					15761 cft
							Total:
5	filling and compacting soil, earth and boulders behind retaining walls.	Cft	1	10	10	2	200
			1	18	12	2	432
			Total:				
6	Damp proof course with cement sand ratio (1:2) mixed with damps (a) 1 1/2" thick	Sft	1	24	24		576
			2	18	12		432
			1	14	10		140
Total:							1148sft
7	Damp proof course with cement sand ratio (1:2) mixed with damps (b) 3/4" thick	Sft	1	24	24		576
			2	18	12		432
			1	14	10		140
Total:							1148sft
8	Add extra in cement concrete floor topping, if finished with pigment and polishing.	Sft	1	24	75		1800
			1	30	30		900
Total:							2700 sft



	... mixture applying first coat premix making the surface smooth and ten painting	Sft	2	125	10		1580
			1	15.75	10		2500
			2	35	10		315
							700
						Total:	5935 sft
10	Providing Anti-termite treatment by spraying/ sprinkling/ spreading Neptachler 0.5 % emulsion as an overall pre construction treatment in slab type construction along external foundation trenches of the building over complete parameter of the foundation trench etc, as per directions of Engineer Incharge	Rft	2	24	12		576
			2	75	12		1800
			4	18	12		864
			4	12	12		576
			8	5.5	6		264
						Total:	4080 rft
11	Removing of existing construction including tools & equipments, all necessary precautionary measures, stacking useable at designated, existing slab cement chipping, AC / Electrical or any other item which is required to be removed place for Owner's properly, carting away surplus, stuff, etc. from site complete in all respect.	Cft	1	24	4	4	384
			1	14	2	4	112
							496 cft
12	The Contractor shall install maintain and operate a system wells, trenches and pumps as required to perform the excavations for the areas and subsequent construction of the structures and placement of back fill in the dry. All excavations shall be dewatered and kept free of standing water, complete in all respect as directed by the Consultant (Pump)	p/day	2				2
13	Earth filling with offsite material (brought from out side source) in plinth, depression and where ever required laid in 300mm layer well watered, consolidated and compacted with mechanical means complete as per drawing and as directed by the Consultants	Cft	1	10	10	2	200
			1	18	12	2	432
						Total:	632 cft
14	Providing and laying stone soling to 150mm thick with broken stones and filling the voids with stone metals 19 to 37mm size and fine sand, well rammed, watered, consolidated and compacted with mechanical means. Complete as per drg. and as directed by Consultants	Sft	4	24	10		960
			1	17	10		170
							1132 sft
15	Providing and laying lean concrete 1:9 (1 - cement, 9 - graded screened bajri 12mm and down gauge) for sub floor laid in level/ slope as required including consolidating, curing etc. complete as per drawing and as directed by the Consultants a) 75mm thick (Sub floor)	Sft	1	30.5	14.5		444sft 221

Items by the Consultants			30.50	46.50	14.50	0.50	221
	b) 100mm thick (plat form for Kitchen Cabinet)						
17	Providing and laying specified bitumen hycarb AHS hycarb bitumen (60 lbs/100 Sft) in 3 coats including primer coat on Roof, Kitchen and toilet floors each coat to be applied at least 24 hours after application of the previous coat application of bituminous coat should be commenced at least after 10 days of completion of curing period complete as per drawing and as directed by the Consultant	Sft	1	100+100 +60	10		2600 sft
18	Providing and laying C.C. 1:4:8 bed concrete using graded screened bajri 9mm and down gauge as fine aggregate and stone ballast 25 to 50mm size as coarse aggregate in foundation over well compacted earth including levelling and curing etc. complete as per drawing and as directed by the Consultants	Sft	1	100+100 +60	10		2600sft
19	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	Sft	1	80	10		800
20	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	Sft	1	130	10		1300
21	Provide and lay machine made block masonry of approved quality, setting the blocks in 1:4 cement sand mortar, raked joints including curing, scaffolding, reinforcing & anchors from RCC columns / walls (2'-3" long 3/8" dia. liquid galvanized mild steel bar at every third course drilling 3" deep into RCC structure & grouting with cement sand mortar), hacking of existing surface for bonding where necessary, wastage, etc. complete in all respect as per specifications and drawings including the cost of vertical reinforcement with 1:4 cement sand mortar infill in hollow block masonry. 4" thick Solid	Sft	1	17	10		170

22	wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary etc, complete in all respect. a) ½" thick Smooth Plaster.					
23	Provide and apply 1:4 cement sand plaster of minimum thickness as specified including G.I. corner beads / plaster stops (all horizontal and vertical exposed corner edges upto 8'-0" height from FFL), 8" wide galvanized metal lathe of 18 SWG at the junctions of concrete and block masonry, conduit chases, etc., fixed with masonry nails and G.I. sheet strip, rounded edges where required, grooves where required, smooth finished in line, level, plumb, curing, scaffolding, hacking / chipping of existing surface for bonding where necessary, etc., complete in all respect.					
	Main / Lobby Toilet Block & Entrance Lobby	2	79	10		1,580
	Main / Lobby Toilet Block, Platform & Entrance Lobby	2	125	10		2,500
	Auditorium Platform	2	15.75	10		315
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<del>4,540</del>
24	Provide & lay in line and level imported carpet tiles of approved sample with approved adhesive with minimum joint, including cutting, lifting, wastage, etc, complete in all respect as per drawing and instruction of the Architect. For payment net installed carpet tiles area will be measured. Wastage factor should be added by contractor in his unit rate.					4370
	Auditorium Area (as per CAD)					1,418
	Accounts Branch (as per CAD)					192
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<del>1,700</del>
25	Provide and install in line & level Pre-finished Wooden Laminated Flooring, including approved quality Under layer, wood edge & groove as per drawing & detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions. For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.					1610
	Stage Area (as per CAD)					294
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				300



26	<p>... of approved sections, including approved quality Under layer, wood edge &amp; groove as per drawing &amp; detail, wastage, lifting etc., complete in all respect as per manufacturer's specifications and instructions.</p> <p>For payment net installed laminate floor area will be measured. Wastage factor should be added by contractor in his unit rate.</p>						
	Stage Steps	2	6.33	3.44			44
	Stage Steps	12	3	1			36
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<del>84</del> 50

27	<p>Provide and lay porcelain tile of approved sample &amp; design for flooring with 1:4 cement sand mortar base of required thickness so as to achieve a minimum overall finished floor thickness of 2", setting the tiles with neat cement mortar, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications &amp; instructions, including curing, cleaning, cutting (cut to size, where required), lifting, hacking of existing surface for bonding where necessary, etc., complete in all respect as per specifications and drawings.</p>						
	Toilet Block Main Area (as per CAD)						495
	Toilet Block Lobby Area (as per CAD)						164
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<del>700</del> 859

28	<p>Provide and lay minimum 3/4" thick stone of approved sample, design &amp; finish with 1:4 cement sand mortar base of required thickness, setting the stone with neat cement mortar, grouting the joints with 1:4 cement sand mortar, including curing, cleaning, cutting (cut to size; where required), making of grooves &amp; round / Beveled edges (where shown), hacking of existing surface for bonding where necessary, etc., complete in all respect.</p> <p>For payment net stone area will be measured.</p>						
	Entrance Lobby Area (as per CAD)						346
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					360

29	<p>Provide and construct Planter as per following detail. For payment planter plan area from outer edges shall be measured.</p>						
	Entrance Lobby	1	14.75	12.5			184
	Entrance Lobby	1	13	3.67			48
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<del>250</del> 232

30	<p>Provide and lay 8" x 4" x 2 1/2" thick C.C. Pavers (75% Grey &amp; 25% Pigmented) of approved sample with sand bed of required thickness, including compacting etc., complete in all respect.</p>						
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36210

31	Provide and lay porcelain tile dado of approved sample fixed with approved adhesive on cement board partition & 1:4 cement sand mortar base of required thickness, setting the tiles with neat cement mortar on walls, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including, curing, cleaning, cutting of tiles to required sizes (where required), lifting, etc., complete in all respect as per specifications and drawings.					
	Toilet Block Main Area	2	75	7		1,050
	Toilet Block Lobby Area	1	50	7		350
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<b>1,500</b>

1400

32	Provide and lay porcelain tile dado of approved sample fixed with approved adhesive on cement board partition & 1:4 cement sand mortar base of required thickness, setting the tiles with neat cement mortar on walls, grouting the joints with waterproof grout of Stile or approved equivalent as per manufacturer's specifications & instructions, including, curing, cleaning, cutting of tiles to required sizes (where required), lifting, etc., complete in all respect as per specifications and drawings.					
	Toilet Block Main Area	2	75			150
	Toilet Block Lobby Area	1	50			50
	<b>Total with Cussion &amp; Round Off</b>	<b>Rft</b>				<b>210</b>

210

33	Provide and install in position aluminum windows, consisting of solignum treated partial wood frame of approved sections (where shown), aluminum Main & shutter frame of approved sections natural anodized powder coated (Pakistan Cables or approved equivalent) with 6mm thick tempered clear float glass of approved sample, 6mm thick commercial ply on bottom as shown in drawings & details, including all hardwares, sliding mechanism of approved sample for sliding panels, silicon sealant, rubber & neoprene gasket, wastage, fixing arrangements, lifting, cutting, scaffolding, etc., complete in all respect. For payment frame to frame will be measured.					
	Entrance Lobby	1	8	1.5		12
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<b>15</b>

12

34	equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.					
	Auditorium & Stage	6	13	6		468
	Auditorium & Stage	6	13	2		156
	Auditorium & Stage	6	9.25	2		111
	Auditorium & Stage	6	7.5	2		90
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<del>850</del>

525

35	Provide and install in position 3" thick wooden cladding, consisting of solignum treated partial wood internal framing of approved sections fixed on walls, 20mm thick MDF board (Lasani or approved equivalent) fixed on frame, Fabric of approved quality & sample (Project Fabric or approved equivalent) fixed with approved adhesive on MDF board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.					
	Auditorium	2	13	2		52
	Auditorium	2	11.5	2		46
	Auditorium	2	9.83	2		39
	Auditorium	2	8	2		32
	Auditorium	2	6.33	2		25
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				210

36	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick Wood cement board (VIVA Thailand or approved equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net cladding area will be measured.					
	External Façade	1	12.5	9.5		119
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<del>130</del>



119

37	<p>Provide and install in position per manufacturer's specifications and instructions, scaffolding arrangement, fixing arrangement, etc. complete in all respect as per specifications and drawings.</p> <p>For payment finished / installed exposed area (elevation linear width x linear height or linear length x linear width) will be measured i.e. grooves / chamfered edges, shall deem to have been covered in this measurement and shall not be measured separately.</p>						
	External Façade (as per CAD)						860
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					

38	<p>Provide and install in position Wooden Post, consisting of 2" x 2" Solid White Oak Wood with approved polish finish fixed on floor, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing &amp; instruction of the Architect.</p> <p>For payment net one side running length of post without thickness will be measured.</p>						
	Auditorium	4	13				52
	Auditorium	4	11.5				46
	Auditorium	4	9.83				39
	Auditorium	4	8				32
	Auditorium	4	10.33				25
	<b>Total with Cussion &amp; Round Off</b>	<b>Rft</b>					

39	<p>Provide and install in position Wooden Screen, consisting of 2" x 1" thick Solid White Oak Wood ribs with approved polish finish, 2" thick gap between two ribs, including all hardwares, glue, wastage, cutting, lifting, scaffolding etc., complete in all respect and as per drawing &amp; instruction of the Architect.</p> <p>For payment net one side elevation area of screen including gaps will be measured.</p>						
	Stage Front Wall	1	23	5.5			127
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					



127

40	Oak wood (Comb Finish) on both side of shutter, natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, 1½" x 1½" thick Solid White Oak wood for Handle, Solid White Oak wood lipping on edges with approved polish finish on all wood works, Metal Plate with approved Powder Coated finish as shown, making of groove where required, including all hardwares, hinges, lock, glue, wastage, Silicone sealant, rubber gasket, lifting, etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.					
	Double Shutter Doors	3	4.33	7		91
	Lobby Doors	2	3.33	7		47
	Main Toilet Block Entrance Doors	2	3	7		42
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<b>200</b>

41	Provide and install in position wooden door, consisting of 1½" thick solid core flush shutter (for flush door shutters partial wood infill framing), formica (Tuff Formica textured finish of Baluchistan Laminate or approved equivalent) on both side of shutter with 100mm x 40mm thick natural anodized aluminum frame section of (Pakistan Cable or approved equivalent best quality) with partial wood sub-frame solignum treated, Golden Teak wood lipping with approved polish finish, including all hardwares, making of groove (where required), S.S. hinges & handle, lock, plastic louvers of approved sample, S.S. Push Plate 18 SWG (for Type-C), glue, wastage, Silicone sealant, rubber gasket, lifting, fixing, cutting etc., complete as per drawing, hardware schedule and instruction of the Architect. For payment frame to frame size will be measured.					
	Main Toilet Block Doors (Entranc)	2	3	7		42
	Main & Lobby Toilet Block Doors (Stall)	5	2.25 <sup>e</sup>	7		79 <sup>ss</sup>
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<b>130</b>



42	(Gypsum Board : Elephant Brand Thailand or approved equivalent), cutting of opening for light fixtures / diffusers with making of light pelmet, fiber tape on joints, including 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on Gypsum board, primer coat filling if required and all other hardwares, wastage, scaffolding, making access panel (where required), etc., complete in all respect. For payment exposed sheet surface area will be measured.						
	Accounts Branch (as per CAD)						152
	Backstage (as per CAD)						266
	Entrance Lobby (as per CAD)						137
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<b>575</b>

43	Same as Item # 10.1 above but with 12mm thick M.R. (Moisture Resistance) Gypsum Board sheet (Elephant brand - Thailand) etc., complete in all respect. For payment exposed sheet surface area will be measured.						
	Toilet Block Main Area (as per CAD)						495
	Toilet Block Lobby Area (as per CAD)						164
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<b>700</b>

44	Provide and install in position wooden cladding, consisting of solignum treated partial wood internal framing of approved sections tie on slab, 12mm thick MDF board (Lasani or approved equivalent) fixed on frame, 1/8" thick Oak veneer fixed with approved adhesive on bottom of MDF board, Solid White Oak wood lipping on edges with approved polish finish, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.						
	Auditorium (as per CAD)	6	136				816
	Auditorium (as per CAD)						143
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<b>1,000</b>

45	equivalent) fixed on frame, pre-finish Barclay Wood of approved sample fixed with approved adhesive on cement board, including all hardwares, wastage, epoxy filling and fibre tape on sheet joints with cutting for electric switch board, glues, lifting, grooves, scaffolding fixing etc., complete as per drawing & instruction of the Architect. For payment net bottom surface area will be measured.						
	External RCC Projection (as per CAD)						400
	Less Round Opening (as per CAD)						-64
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<b>360</b>

46	Provide and install in position Wooden Trellis, consisting of 2½" x 1½" thick Solid White Oak wood main support, 2" x 1" thick Solid White Oak wood strips fixed on main support with approved polish finish, 3/8" dia M.S. Bar hanger welded with 6" x 1½" x ¼" thick M.S. Plate screw with wooden support & welded with 4" x 4" x ¼" thick M.S. Plate fixed on existing slab with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured.						
	Stage (as per CAD)						99
	Auditorium (as per CAD)	7	55				385
	Platform near Main Toilet Block (as per CAD)	2	46				92
	Lobby Entrance(as per CAD)						46
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>					<b>650</b>

47	Provide and install in position Wooden Trellis, consisting of 6" x 3" thick Solid White Oak wood strips & 3" thick gap between two strips fixed on 3" x 1½" thick Solid White Oak wood vertical post for support with approved polish finish, 3" x 6" x ¼" thick M.S. Box section for top support welded with 18" x 3" x ¼" thick M.S.Box Section for main vertical support welded with ¼" thick M.S. Base Plate fixed on floor with expansion bolts of approved sizes, including two coats of red oxide treatment & required number of coats of paint finish on all M.S. work and all other hardwares, wastage, scaffolding, cutting, lifting, fixing etc., complete in all respect and as per drawing & instruction of the Architect. For payment single side wooden strips area including gaps will be measured including the cost of all M.S. Work.						
	Car Parking Shade (as per CAD)	1	48	16.33			776



35  
1326

48	<p>solignum treated partal wood frame of approved sections (as shown), 12mm thick MDF board (Lasani or approved equivalent) for counter top, partition &amp; structure fixed on wooden frame, 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approved adhesive on MDF board for counter top, 3" x 1" thick Solid White Oak wood strips on front with approved polish finish &amp; 3 coats of Matt Enamel paint finish (Jotun or approved equivalent) of approved shade on MDF board as shown in the drawings &amp; details, including all hardwares, edge making, wastage, cutting, lifting, etc., complete in all respect &amp; instruction of the Architect.</p>					
<b>Total</b>		<b>JOB</b>				<b>1</b>

49	<p>Provide and install in position Acrylic finish Counter, consisting of 1 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 20mm thick water proof MDF board (Lasani or approved equivalent), 1 1/2" x 1 1/2" x 1/4" thick M.S. Angle frame for counter support embedded in wall, solignum treated partal wood frame of approved sections (as shown), including three coats of Matt Enamel paint finish (Jotun / ICI or Berger) &amp; two coats of anti-corrosive paint (ICI / Berger) on all M.S. work and all other hardwares, wastage, lifting, cutting, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.</p>					
	Main Toilet Block	2	6.83	2		27
	Lobby Toilet Block	1	6	1.5		9
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<b>30.00</b>
						<b>65</b>

50	<p>Provide and install in position Acrylic finish Copping on 4" wide plumbing wall, consisting of 1/2" thick approved Acrylic Sheet (Corian - DUPONT or approved equivalent) wrapped with approve adhesive on 12mm thick water proof MDF board (Lasani or approved equivalent) as shown in the drawings &amp; details, including all hardwares, wastage, lifting, cutting, fixing, rounded edges etc., complete in all respect. For payment net exposed acrylic sheet surface will be measured.</p>					
	Main & Lobby Toilet Block	1	15	1		15
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<b>50.00</b>
						<b>65</b>

	including all hardwares, wastage, lifting, cutting, fixing, approve adhesive etc., complete in all respect. For payment net installed mirror area will be measured.					
	Main & Lobby Toilet Block	3	7	5		105
	<b>Total with Cussion &amp; Round Off</b>	<b>Sft</b>				<b>110</b>

52	Provide and install in position Wooden lipping, consisting of 6" x 1/4" thick Solid White Oak Wood for lipping with approved polish finish, including all hardwares, glue, wastage, cutting, lifting, etc., complete in all respect and as per drawing & instruction of the Architect. For payment net running length of lipping will be measured.					
	Stage	1	24			24
		1	22.00			22.00
	<b>Total with Cussion &amp; Round Off</b>	<b>Rft</b>				<b>46</b>

53	Provide & install in position pre-fabricated 450mm x 450mm in size Aluminum Access Panels of approved quality with powder coating of approved shade & sample, including all hardwares, hinges, wastage, fixing arrangement etc., complete in all respect.					
	<b>Total</b>	<b>Nos</b>				<b>26</b>

54	Providing, cutting, welding, fabricating, hoisting and fixing in position, M.S. structural members such as I – sections, channels, angles, checkered plates, nuts & bolts (HILTI) , cleats etc as shown in drawing. Complete with 4mm thick fillet welding (all around the section) as shown in drawing, grinded the welded joints, applying two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work. Complete with all materials, tools, plants, and machinery, complete with wastage, welding rods etc. Complete upto required height and level. Complete in all respect as per drawing, specifications and directed by Architect.					
	<b>Total</b>	<b>Kgs</b>				<b>1,600</b>

55	Provide and install in position M.S. Railing, consisting of 2" x 1 1/2" x 18 SWG M.S. Pipe for vertical post & handrail welded with M.S. Structure, including two coats of anti-corrosive paint & 3 coats of matt enamel paint finish (Jotun / ICI or Berger) of approved shade on all metal work and all other hardwares, wastages, welding, lifting, cutting, fixing etc., complete in all respect & instruction of the Architect. For payment net running length of railing will be measured.					
	External Staircase	1	36			36
		1	30.00			30.00
	<b>Total with Cussion &amp; Round Off</b>	<b>Rft</b>				<b>66</b>

Sr. No.	Particulars	Unit	Qty	Total
	<b>FURNITURE WORKS</b>			
A	<b>Sofa &amp; Chair</b>			
a	Providing and making sofa & chairs of "CHAIRISTER" make as per following specifications,			
i	using best quality Oak wood, well seasoned			
ii	using best quality (Imported) fabric @Rs. 1000/-meter			
iii	using MASTER Moulty Foam or approved equivalent			
iv	Lacquer polish finish to all wood surfaces except noted otherwise			
v	Best quality Hardware to be used			
vi	Using imported base and side arms			
b	Samples of all the items will be approved before the final product.			
i	C1 - Stage Chairs	No	12	5.00
ii	C2 - Auditorium Chair	No	12	12.00
c	Providing, making and fixing, as per detail, drawing and standard specification as approved			
	<b>3- Seater Sofa</b>			
i	ES1	No	2	2.00

1.0	<b>LIGHTING FIXTURES</b>			
1.1	Supply, installation and connection of the following lighting fixtures. Complete with all mounting accessories.			
a)	Fixture Type 'A' (Recessed) Down lighter with 1x 35W LED Lamp.	Nos.	13	13.00
b)	Fixture Type 'B' (Recessed) Down lighter with 1x12W LED lamp.	Nos.	28	28.00
c)	Fixture Type 'C' (Recessed) Down lighter with 1x7W LED lamp.	Nos.	23	23.00
d)	Fixture Type 'D' (Wall light) Basic Price Item Rs. 2500/=	Nos.	22	22.00
e)	Fixture Type 'E' (Surface) RGB strip light of 5mtr coil.	Nos	6	6.00
f)	Fixture Type 'F' (Surface) Philips TMS-128, 1 x 28 W T5 lamp with colour 83 lamp.	Nos.	26	26.00
g)	Fixture Type 'G' (Surface) Menvier emergency light with 1x8 watts fl.lamp including exit sign.	Nos.	4	4.00
1.2)	Providing and installing of 12" dia exhaust fan with plastic louver.	Nos.	4	4.00
2.0	<b>FIRE ALARM SYSTEM</b>			
2.1	Providing ,installation and connection of conventional type 2-zone fire alarm control panel (FACP).	No.	1	1.00
2.2	Supply, installation and connection of conventional type smoke detector.	Nos.	6	6.00
2.3	Supply, installation and connection of conventional type heat detector.	No.	1	1.00
2.4	Supply, installation and connection of conventional type manual break glass station.	Nos.	2	2.00
2.5	Supply, installation and connection of electronic sounder .	Nos.	2	2.00

	Supply and installation of wiring for smoke detector and manual call point devices wired with 2xC-1.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to devices.	Mtr.	40	40.00
2.7	Supply and installation of wiring for electronic sounder wired with 2x1C-2.5sq.mm PVC wires in 20mm dia. PVC pipe from FACP to sounder.	Mtr.	20	20.00
2.8	Testing and commissioning of the entire system by authorized local supplier.	Job	1	1.00
3.0	<b>CCTV SYSTEM</b>			
3.1	Supply and installation of dome type camera. Complete with all mounting accessories.	Nos.	7	7.00
3.2	Supply and installation of 8channel digital video recorder (DVR).	Job	1	1.00
3.3	Supply and installation of 24" color monitor. Complete with all mounting accessories.	No.	1	1.00
3.4	Supply, installation and connection of RG6 coaxial cable in 25mm dia. PVC conduit from camera to DVR. Complete with all mounting accessories.	Mtr.	90	90.00
3.5	Supply, installation and connection of 3C-1.5mm <sup>2</sup> PVC/PVC cable for power supply to CCTV cameras in PVC conduit.	Mtr.	80	80.00
3.6	Testing and commissioning of the entire system by authorized local supplier.	Job	1	1.00
4.0	<b>SOUND SYSTEM</b>			
4.1	Supply and installation of sound system complete with all accessories power supply unit, comprising of the following items as per drawings & specifications, complete in all respect.			



	Supply & installation of mixer amplifier of 120w upto 1 microphone and 1 line level inputs.	No.	1	1.00
b)	Column type speaker rated input 30w shall have a SPL of 94dB at 1 w/m 7khz and a coverage angle of 180°.	Nos.	12	12.00
c)	Interconnects, connectors, cables.	Lot.	1	1.00
4.2	Speakers wiring with 3C-2.5mm <sup>2</sup> PVC/PVC cable in 25mm dia. PVC conduit.	Mtr.	90	90.00
4.3	Testing and commissioning of the entire system by authorized local supplier.	Job	1	1.00
<b>5.0</b>	<b>LIGHT, FAN, SOCKET WIRING</b>			
5.1	Providing and installing of light point wiring with 3x1.5 sq.mm single core PVC insulated 300/500 V grade copper wires in 20mm dia. PVC conduit surface/concealed mounted including all accessories, connector/PVC junction boxes, 1.5 sq.mm 3-core PVC/PVC cable in flexible PVC conduit for final connection, complete in all respects.			
a)	Light point controlled by one switch.	Nos.	55	50.00
b)	Light point from point to point.	Nos.	50	50.00
c)	Fixture to fixture wiring with 3-core 1.5sq.mm PVC/PVC cable.	Nos.	18	18.00
d)	Exhaust fan point.	Nos.	3	3.00
e)	Circuit wiring from distribution board to switch/lighting points with 3x2.5 sq.mm single core PVC wires in PVC conduit complete with all accessories.	Nos.	3	3.00
f)	Circuit wiring for group control from respective distribution board to first light point wired with 3x2.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	No.	1	1.00



	....., above but from light point to point with 3x1.5 sq.mm single core PVC wires in 20mm dia pvc conduit. Complete with all accessories.	Nos.	10	10.00
5.2	Providing and installing of wiring from distribution board for 13A international switch socket outlets with 3 x 2.5 sq.mm single core PVC insulated copper wires in 25mm dia. PVC conduit concealed / surface mounted, with all accessories.	Nos.	3	3.00
5.3	Same as item 5.2, but wiring from point to point.	Nos.	12	12.00
5.4	Providing & installing of wiring for AC unit from DB to load break switch wired with with 3x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	1.00
5.5	Providing & installing of wiring for AC unit from DB to load break switch wired with with 5x1C-6sq.mm PVC insulated wires in PVC conduit. Complete with all mounting accessories.	No.	1	1.00
5.6	Supply and installation of sheet steel back box including earth link. Complete with all mounting accessories.	Nos.	40	40.00
5.7	Supply and installation of following Clipsal Vivace series switches and sockets on already installed sheet steel back boxes.			
a)	One Gang Switch	Nos.	2	2.00
b)	One Gang Switch	No.	1	1.00
c)	Three Gang Switch	Nos.	6	6.00
d)	Four Gang Switch	Nos.	4	4.00
e)	13Amp. International Switch Socket Outlet.	Nos.	20	20.00
6.0	<b>L V SWITCHGEAR</b>			
6.1	Supply, installation and connection of the mixed capacity distribution board. Complete with all mounting accessories as per drawing. DB should be of anticorrosive type.	No.	1	1.00

	Supply, installation and connection of the following load break switch / MCB's in weather proof sheet steel enclosure including earth and neutral terminal. Complete with all mounting accessories.			
a)	20A.DP.MCB(10KA)	No.	1	1.00
b)	30A.TP.MCB(10KA)	No.	1	1.00
<b>7.0</b>	<b>MAIN/SUB-MAIN CABLES</b>			
7.1	Supply installation and connection of the following submain 600V/1000V grade PVC insulated multi core copper cables in already installed PVC conduit, complete with all accessories.			
a)	From Existing Panel to Dist.Board 4C-35sq.mm PVC/PVC + 1x1C-16sqmm PVC cables.	Mtr.	70	70.00
	<b>Note:</b> Actual length of the cable as per site. Contractor has to procure / order the quantity of the cable after site visit.			
<b>8.0</b>	<b>G.I. PULL BOXES / PVC PIPES.</b>			
8.1	Supply and installation of 14 SWG anticorrosive sheet steel under floor pull boxes including cover, brass earth terminal, metal cable separators and all fixing accessories of the following size.			
a)	200mm x 200mm x 50mm	Nos.	10	10.00
8.2	Supply & installation of 14SWG anticorrosive sheet steel under floor box with brass cover including terminals.	Nos.	2	2.00
8.3	Providing and installation of PVC pipes including all accessories (e.g. bends, sockets etc.) of the following sizes.			
a)	50mm dia. PVC pipe.	Mtr.	70	70.00
b)	38mm dia. PVC pipe.	Mtr.	50	50.00
c)	32mm dia. PVC pipe.	Mtr.	40	40.00
d)	25mm dia. PVC pipe.	Mtr.	0+100+	220.00

c)	25mm dia. Flexible PVC pipe.	Mtr.	70	70.00
9.0	<b>Data / Voice CABLING WORKS</b>			
9.1	Supply, installation and connecting-up of Cat-6 UTP, RJ-45 data/voice outlet(duplex) , 4-Pair modular, snap mounted on British standard face plate, white finish, including any modification required, complete with shuttered click-ins, labels and all accessories including sheet steel anticorrosive type back box.	Nos.	3	3.00
a)	Same as item 9.1 above, but simplex face plate for wifi point.	Nos.	3	3.00
9.2	Supply, Installation and termination at Patch Panel and outlet Data / Voice of horizontal 4 pair Cat. 6 UTP Cable, 23 AWG solid copper conductor in already laid cable trunking and conduit drops to outlet including labeling at both ends.	Mtr.	60	60.00
9.3	Supply and installation of 16Port patch panel including 2U wall mounted type rack,cable mangement. Complete with all mounting accessories.	Job	1	1.00
9.4	Termination & testing of the complete Cabling system including all accessories.	Job	1	1.00

S.NO.	DESCRIPTION	UNIT	QTY	Total
	<b>SECTION - 01, SUPPLY &amp; INSTALLATION OF PLUMBING FIXTURES</b>			
	Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.			
1.1.	Asian style water closet Orisa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.			
a.	Type - IWC	Nos.	8	8.00
1.2	Wash basin hot and cold water mixer, waste, etc.			
a.	Type - WB	Nos.	10	10.00
1.3	Toilet Hand Shower with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect.			
	Type - TS	Nos	8	8.00
1.4	Toilet accessories complete set, (Imported make)			
i.	Soap dish	Nos.	4	4.00
ii.	Towel Rod	Nos.	4	4.00
iii.	Paper holder	Nos.	8	8.00
2	<b>SECTION-02 WATER SUPPLY SYSTEM.</b>			
	Supply, installation, testing and commissioning of complete pipe work for cold and hot water system including all accessories required to complete systems ready to operate as per specificatoin, drawings & instrucion of Consultant.			
2.1	Polypropylene Random PP-R pipes PN 20 and fittings with fusion jointing alongwth all types of unions, tees, bends, sockets, clamps, hangers, supports, sleeves, masking plates, chiseling, making holes making good, excavation, bedding backfilling as required complete in all respect.			
iii.	Dia. 1"	Rft.	100+20	120.00
iv.	Dia. 1-1/4"	Rft.	50	50.00
iv.	Dia. 1-1/2"	Rft.	30	30.00
2.10	Water supply pumps with electric motor complete in all respects including C.C foundation, intet/outlet connections, electrical connection with all fixing accessories, complete in all respects as per schedule			
i.	Type WP-01	Set	1	1.00

S.NO.	DESCRIPTION	UNIT	QTY	Total
3	<b>SECTION-03 SOIL, WASTE VENT AND RAIN WATER DRAINAGE SYSTEM</b> 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 ready to operate as per specifications, drawings and instructions of Consultant.			
3.1	uPVC pipes of approved make alongwith specials, fittings, bends, wye, tees, sockets, sleeves, masking plates, traps, vent cowl, chiseling, making hole, excavation, backfilling making good where as			
i.	Dia. 1-1/4"	Rft.	35	<del>35.00</del>
i.	Dia. 1-1/2"	Rft.	30	<del>30.00</del>
iv.	Dia. 3"	Rft.	15	<del>15.00</del>
v.	Dia. 4"	Rft.	100	<del>100.00</del>
3.2	Floor trap including SS grating Floor gully, inlet outlet connection complete in all respects.			
i.	a. FT- with 3" P - trap	Nos.	4	<del>4.00</del>
3.3	Cleanout for soil, waste pipes of approved make.			
iv.	For 4" dia. Pipe. With SS floor cover plate	Nos.	4	<del>4.00</del>
3.4	uPVC cowl for vent pipe of the following dia. including all accessories complete.			
i.	a. 4" size.	Nos.	1	<del>1.00</del>
4	<b>SECTION-04 EXTERNAL SEWER &amp; MANHOLES</b> Supply, fixing, testing and commissioning of equipment, pipe work required to complete the sewerage disposal services in all respects with accessories ready to operate as per specifications, drawings and instructions of Consultant.			
4.1	uPVC pipes class 'B' for Sewer drainage with push fit rubber joint including excavation in any type of soil, dewatering if required bedding, back filling with selected material, removing of extra materials.			
i.	Dia. 6"	Rft.	35	<del>35.00</del>
4.2	Construction of manholes with material including, excavation, base top RCC slab CI cover with frame, GI steps, CC benching water proof internal plaster inlet/out connections etc.			
ii.	Size 24"x24"	Nos.	1	<del>1.00</del>
4.3	Construction of gully trap with material including CI cover, uPVC - P trap inlet out connection .			



	DESCRIPTION	UNIT	QTY	Total
5	<b>SECTION-06 SUNDRIES</b>			
	Contractor will priced the sundries items for all Plumbing & Sanitary (P&S) services as per specifications, drawings and instruction of consultant		1	1.00
5.1	Allow for connection to Municipality manhole including breaking into same, provision of pipelines and the like, making good to the consultant's approval	Job.	1	1.00
5.2	Allow for connection to Municipality water supply including breaking into same, road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	1.00
5.3	Allow for connection to Sui Northern Gas Co. SNGC including road cutting and repair for the provision of pipelines and the like, making good to the consultant's approval	Job.	1	1.00
5.4	Submittals, samples, shop drawings, inspections, as built drawings, operation and maintenance manuals and the like as required by specification.	Job.	1	1.00
5.5	Painting, identification and tagging to the M&P installations and equipments.	Job.	1	1.00
5.6	Testing, and commissioning entire M&P installation as per Engineer's approval	Job.	1	1.00
5.7	Builders work in connection with M&P installation including foundation, bases, inertia blocks, all sleeves, fire resistant sealant, fire stops requirements, etc.	Job.	1	1.00
5.8	Maintenance of the complete M&P installation as specified	Job.	1	1.00
5.9	Spares to be handed over to client (submit list of spares with bid)	Set.	1	1.00
	The contractor will list here and price items shown on the drgs, mentioned in the specification or required for the satisfactory completion and function of all mechanical and plumbing services, but not mentioned herein. Any such items not listed below shall be deemed to be included.	Item.	1	1.00

S.NO	DESCRIPTION	QTY	UNIT	TOTAL
<b>SUPPLY &amp; INSTALLATION OF VRV SYSTEM (Main)</b>				
<b>1</b>	<b>Indoor Units</b>			
1.1	Cassette type Unit complete in all respect			
	2.0 TR	8	Nos.	8
1.1	Cassette type Unit complete in all respect			
	1.5 TR	1	Nos.	1
1.2	Fresh Air Ducted Unit complete in all respect			
	4.0 TR	1	Nos.	1
<b>2</b>	<b>Outdoor Units</b>			
	installation,testing and commisioning of VRV Outdoor Unit complete with all accessories.			
	CU-01	1	Nos.	1
<b>3</b>	<b>Air Curtain</b>			
	size 4'-6"	1	Nos.	1
<b>4</b>	<b>Lifting of Indoors and Outdoors</b>	1	Job	1
<b>5</b>	<b>Communication and Power Wiring for indoor and outdoor units complete in all respects</b>	1	Job	1
<b>6</b>	<b>Supply and Installation of Refrigerant Piping, Muller China</b>			
	Diameter 1/4"	10	RFT	10
	Diameter 3/8"	100+33	RFT	133
	Diameter 1/2"	29	RFT	29
	Diameter 5/8"	100+26	RFT	126
	Diameter 3/4"	30	RFT	30
	Diameter 7/8"	19	RFT	19
	Diameter 1-1/8"	31	RFT	31
	Diameter 1-3/8"	30	RFT	30

S.NO	DESCRIPTION	QTY	UNIT	TOTAL
7	Supply and Installation of Refrigerant Piping			
	Insulation with accesories			
	Diameter 1/4"	10	RFT	10
	Diameter 3/8"	133	RFT	133
	Diameter 1/2"	29	RFT	29
	Diameter 5/8"	126	RFT	126
	Diameter 3/4"	30	RFT	30
	Diameter 7/8"	19	RFT	19
	Diameter 1-1/8"	31	RFT	31
	Diameter 1-3/8"	30	RFT	30
8	Supply and Installation of Drain Piping	1	Lot	1
	Supply and Installation of Drain Piping Insulation	1	Lot	1
10	M.S Supports/ Hangers for Refrigerant Piping where required	1	Lot	1
11	Additional refrigerant charging	1	Lot	1
12	Shop Drawings and Asbuilts	1	Lot	1
13	*Shut off Valves	1	Lot	1
14	MCC Panel for indoor and outdoor	1	Job	1

  
 (HAFIZ SAQLAR SHIAKH)  
 Assistant Engineer,  
 CPO, Sindh, Karachi.




**1.3**  
**Rate Analysis**  
**De Watering**  
Cost for 1 Day

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Pump Rent for 1 Day	1.00	10,000.00	10,000.00
<b>Total of "A"</b>				10,000.00
<b>"B" Labor</b>				
1	Labor for Handling Machine	1.00	550.00	550.00
<b>Total of "B"</b>				550.00
<b>"C" Miscellaneous</b>				
1	Fare two time for caring out pump at site	300.00	1.00	300.00
<b>Total of "C"</b>				300.00
<b>Total Of "A" + "B" + "C"</b>				10,850.00
C.P.O. 10%				1,085.00
				11,935.00
i. Tax 7.5%				895.13
				12,830.13

12830.13 per Day

Say Rs. 12825 Per Day



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**1.5**  
**Rate Analysis**  
**Earth Filling**  
Cost for 100 Cft. .

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Sweet Earth 425 Cut In Dumper Coast of Dumper Rs. 10500/425= Rs. per Cut			
	Total = 100 cut.			
	Wastage When depressed 25% $\Rightarrow$ 25 cut.			
	Net Total = 125 cft.	125.00	31.00	<u>3,875.00</u>
	<b>Total of "A"</b>			3,875.00
<b>"B" Labor</b>				
1	Labor charges for filling earth 2 labor for 1 day	2.00	700.00	1,400.00
2	Labor charges for Compacting Earth with Machine	2.00	700.00	<u>1,400.00</u>
	<b>Total of "B"</b>			2,800.00
<b>"C" Miscellaneous</b>				
1	Labor for watering L.S	100.00	2.00	200.00
	<b>Total of "C"</b>			<u>200.00</u>
	<b>Total Of "A" + "B" + "C"</b>			6,875.00
	C.P.O. 10%			<u>687.50</u>
				7,562.50
	I. Tax 7.5%			<u>567.19</u>
				8,129.69

$8129.69/100 = 81.30$  per Cft

**Say Rs. 81 Per Cft**

  
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**1.6**  
**Rate Analysis**  
**Stone Soling 150mm**  
 Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Stone Soling 300 Cft in Sft Equal 600 Sft In Dumper Coast of Dumper Rs. 16000/600= Rs. per Cft			
	Net Total = 100 Sft.	100.00	34.00	<u>3,400.00</u>
Total of "A"				3,400.00
<b>"B" Labor</b>				
1	Labor charges for filling earth 2 labor for 1 day	2.00	700.00	1,400.00
2	Labor charges for Compacting Earth with Machine	2.00	700.00	<u>1,400.00</u>
Total of "B"				2,800.00
<b>"C" Miscellaneous</b>				
1	Labor for watering L.S	100.00	1.00	100.00
Total of "C"				<u>100.00</u>
Total Of "A" + "B" + "C"				6,300.00
C.P.O. 10%				<u>630.00</u>
				6,930.00
I. Tax 7.5%				<u>519.75</u>
				7,449.75

$7449.75/100 = 74.50$  per Cft

**Say Rs. 74 Per Sft**

  
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**2.2**  
**Rate Analysis**  
**C C 1:9 Sub Floor 75 mm**  
Cost for 100 Cft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	(1:9) = 10 parts 100 cft. Wet material, For dry material 100 X 1.54 = 154 cft. / 10 = 15.4 cft.			
2	Cement 15.4 / 1.25 = 12.32 bag	12.32	590.00	7,268.80
3	Sand 12.32 X 9 = 110.88 cft.	110.88	58.00	6,431.04
4	Sand wastage 10%	11.08	58.00	642.64
5	Neru for finishing L/S 4 Bag for 400 Sft	4.00	590.00	2,360.00
				16,702.48
	Wastage 5%			835.12
	<b>Total of "A"</b>			<u>17,537.60</u>
<b>"B" Labor</b>				
1	Mason 3 Leveling 50 cft in one day 1300 per Day	3.00	1,300.00	3,900.00
2	Labor for mixing & Spared 6 Labor	6.00	700.00	4,200.00
	<b>Total of "B"</b>			<u>8,100.00</u>
<b>"C" Miscellaneous</b>				
1	Curing L. S. 1 day labor	1.00	700.00	700.00
	<b>Total of "C"</b>			<u>700.00</u>
	<b>Total Of "A" + "B" + "C"</b>			26,337.60
	C.P.O. 10%			2,633.76
				<u>28,971.36</u>
	I. Tax 7.5%			2,172.85
				<u>31,144.22</u>

31144.22 / 100 = 311.44 per cft.

Say Rs. 310 per cft.

  
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**2.1**  
**Rate Analysis**  
**C C Screed 1:4:8**


Cost for 30 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	(1:4:8) = 13 parts 10 cft. Wet material, For dry material 10 X 1.54, = 15.4 cft. / 13 = 1.18 cft.			
2	Cement 1.18 / 1.25 = .94 bag	0.94	590.00	554.60
3	Sand 1.18 X 4 = 4.72 cft.	4.72	58.00	273.76
4	Sand wastage 10%	0.47	58.00	27.26
5	Crush 1.18 X 8 = cft.	9.44	65.00	613.60
	Netu. for finishing L/S 5 Bag for 400 Sft	2.50	590.00	1,475.00
				2,944.22
	Wastage 10%			294.42
				3,238.64
	3238.68/3 for Avg 4" thick Screed , 3268.64/3=1076			
	<b>Total of "A"</b>			1,076.00
<b>"B" Labor</b>				
1	Mason 1 Leveling 30 Sft per day	1.00	1,300.00	1,300.00
2	Labor for mixing & Spared 1 Labor	1.00	700.00	700.00
	<b>Total of "B"</b>			2,000.00
<b>"C" Miscellaneous</b>				
2	Curing L. S. 1/2 day labor	1.00	700.00	700.00
	<b>Total of "C"</b>			700.00
	<b>Total Of "A" + "B" + "C"</b>			3,776.00
	C.P.O. 10%			377.60
				4,153.60
	I. Tax 7.5%			311.52
				4,465.12

4465.12 / 30 = 148.84 per Sft.

Say Rs. 148 per sft.

  
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## 2.3

## Rate Analysis


## Damp Proof Course (Bitumen Coating)

Cost for 100 Sft.

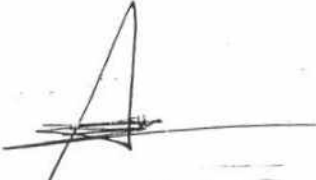
S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Bitumen per Sft 3 mm thick per sft	100.00	43.00	4,300.00
Total of "A"				4,300.00
<b>"B" Labor</b>				
1	Labor charges for Applying bitumen 1 laymen for 1 day	1.00	950.00	950.00
Total of "B"				950.00
<b>"C" Miscellaneous</b>				
1	Burned material for melting bitumen L.S	100.00	10.00	1,000.00
Total of "C"				1,000.00
Total Of "A" + "B" + "C"				6,250.00
C.P.O. 10%				625.00
				<del>6,875.00</del>
I. Tax 7.5%				515.63
				7,390.63

$$7390.63/100 = 73.91 \text{ per Cft}$$

Say Rs. 74 Per Sft



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**3.1**  
**Rate Analysis**  
**Waterproofing for Roof**


Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Bitumen per Sft 3 mm thick per sft	100.00	43.00	4,300.00
Total of "A"				4,300.00
<b>"B" Labor</b>				
1	Labor charges for Applying bitumen 1 laymen for 1 day	1.00	500.00	500.00
Total of "B"				500.00
<b>"C" Miscellaneous</b>				
1	Burned material for melting bitumen L.S	100.00	10.00	1,000.00
Total of "C"				1,000.00
Total Of "A" + "B" + "C"				5,800.00
C.P.O. 10%				580.00
				6,380.00
I. Tax 7.5%				478.50
				6,858.50

$6858.50/100 = 68.59$  per Cft

Say Rs. 68 Per Sft

  
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**5.2**  
**Rate Analysis**  
**Carpet Tile Flooring**  
Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Carpet tile per Sft Basic Rate 350 per Sft Wastage 15% $52.5+350=402.5$	100.00	402.50	40,250.00
<b>Total of "A"</b>				40,250.00
<b>"B" Labor</b>				
1	Labor charges for Laying & Fixing Carpet	100.00	45.00	4,500.00
<b>Total of "B"</b>				4,500.00
<b>"C" Miscellaneous</b>				
1	Glue for fixing carpet	100.00	38.00	3,800.00
<b>Total of "C"</b>				3,800.00
<b>Total Of "A" + "B" + "C"</b>				48,550.00
				C.P.O. 10%
				4,855.00
				53,405.00
				I. Tax 7.5%
				4,005.38
				57,410.38

$57410.38/100 = 574.10$  per sft

**Say Rs. 574 Per Sft**

  
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**5.3**  
**Rate Analysis**  
**Wooden Laminated Flooring**  
Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
"A"	<u>Material</u>			
	Wooden floor per Sft Basic Rate 300 per Sft			
	Wastage 15% 45+300=350	100.00	350.00	<u>35,000.00</u>
	<b>Total of "A"</b>			<b>35,000.00</b>
"B"	<u>Labor</u>			
1	Labor charges for Laying & Fixing Floor	100.00	55.00	<u>5,500.00</u>
	<b>Total of "B"</b>			<b>5,500.00</b>
"C"	<u>Miscellaneous</u>			
1	Inlay foam	100.00	29.00	<u>2,900.00</u>
	<b>Total of "C"</b>			<b>2,900.00</b>
	<b>Total Of "A" + "B" + "C"</b>			<b>43,400.00</b>
	C.P.O. 10%			<u>4,340.00</u>
				<b>47,740.00</b>
	I. Tax 7.5%			<u>3,580.50</u>
				<b>51,320.50</b>

$51320.50/100 = 513.21$  per sft

**Say Rs. 513 Per Sft**

  
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## 5.4

### Rate Analysis

#### Wooden Laminated Flooring planks on Steps

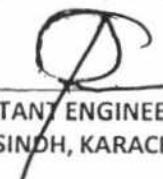
Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
	Wooden floor per Sft Basic Rate 300 per Sft			
	Wastage 15% 45+300=350	100.00	350.00	35,000.00
<b>Total of "A"</b>				35,000.00
<b>"B" Labor</b>				
1	Labor charges for Laying & Fixing Floor	100.00	88.00	8,800.00
<b>Total of "B"</b>				8,800.00
<b>"C" Miscellaneous</b>				
1	Inlay foam	100.00	29.00	2,900.00
<b>Total of "C"</b>				2,900.00
<b>Total Of "A" + "B" + "C"</b>				46,700.00
C.P.O. 10%				4,670.00
				51,370.00
I. Tax 7.5%				3,852.75
				55,222.75

$55222.75/100 = 552.23$  per sft

**Say Rs. 553 Per Sft**

  
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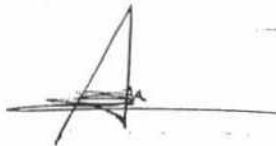
5.5  
Rate Analysis  
Porcelain tile flooring  
Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Base mortar (1:6) = 7 parts, 100'-0" X 0'-3" thick = 25 cft. Wet material, For dry material 25 X 1.54 = 38.5 cft. / 7 = 5.5 cft.			
2	Cement 5.5 / 1.25 = 4.4 bag	4.40	590.00	2,596.00
3	Cement for neru 2 Bag	2.00	590.00	1,180.00
4	Sand 5.5 X 6 = 33 cft.	33.00	58.00	1,914.00
5	Sand wastage 10%	<del>3.30</del>	<del>58.00</del>	191.40
6	Tile 100 Sft / 10 .76 =9.29 SM	9.29	2,000.00	18,580.00
7	Grout Box	1.00	460.00	460.00
				24,921.40
	Wastage 10%			2,492.14
	<b>Total of "A"</b>			<u>27,413.54</u>
<b>"B" Labour</b>				
1	Helper Mason 2 for 1 days	2.00	1,000.00	2,000.00
2	Mason Tile Fixer 2 for 1 days	2.00	1,400.00	2,800.00
3	Labor 4 for 1 days	4.00	700.00	2,800.00
4	Grouting	3.00	700.00	2,100.00
	<b>Total of "B"</b>			<u>9,700.00</u>
<b>"C" Miscellaneous</b>				
1	Cartage + labor for loading & unloading	100.00	28.00	2,800.00
	<b>Total of "C"</b>			2,800.00
	<b>Total Of "A" + "B" + "C"</b>			39,913.54
	C.P.O: 10%			3,991.35
				<u>43,904.89</u>
	I. Tax 7.5%			3,292.87
				<u>47,197.76</u>

47197.76 / 100 = 471.98 per sft.

Say Rs. 472 per Sft.

  
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5.6  
Rate Analysis  
Stone flooring  
Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Base mortar (1:6) = 7 parts, 100'-0" X 0'-3" thick = 25 cft. Wet material, For dry material 25 X 1.54 = 38.5 cft. / 7 = 5.5 cft.			
2	Cement 5.5 / 1.25 = 4.4 bag	4.40	590.00	2,596.00
3	Cement for neru 2 Bag	2.00	590.00	1,180.00
4	Sand 5.5 X 6 = 33 cft.	33.00	52.00	1,716.00
5	Sand wastage 10%	3.30	52.00	171.60
6	Stone 100 sft	100.00	500.00	50,000.00
7	Grout 1 bag cement	1.00	590.00	590.00
				56,253.60
	Wastage 10%			5,625.36
	<b>Total of "A"</b>			<b>61,878.96</b>
<b>"B" Labor</b>				
1	Helper Mason 2 for 1 days	2.00	1,000.00	2,000.00
2	Mason Tife Fixer 2 for 1 days	2.00	1,400.00	2,800.00
3	Labor 5 for 1 days	5.00	700.00	3,500.00
4	Grouting	2.00	700.00	1,400.00
5	Labor fo resizing of stone	100.00	65.00	6,500.00
	<b>Total of "B"</b>			<b>16,200.00</b>
<b>"C" Miscellaneous</b>				
1	Cartage + labor for loading & unloading	100.00	20.00	2,000.00
	<b>Total of "C"</b>			<b>2,000.00</b>
	<b>Total Of "A" + "B" + "C"</b>			<b>80,078.96</b>
	C.P.O. 10%			8,007.90
				88,086.86
	I. Tax 7.5%			6,606.51
				<b>94,693.37</b>

94693.37 / 100 = 946.93 per sft.  
Say Rs. 945 per Sft.

  
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## 6.1

## Rate Analysis

## Porcelain tile Dado in toilets


Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Base plaster (1:4) = 5 parts, 100'-0" X 0'- 1" thick = 8 cft. Wet material, For dry material 8 X 1.54 = 12.32 cft. / 5 = 2.46 cft.			
2	Cement 2.46 / 1.25 = 1.97 bag	1.97	590.00	1,162.30
3	Cement for neru 5 Bag	5.00	590.00	2,950.00
4	Sand 5.5 X 6 = 33 cft.	33.00	58.00	1,914.00
5	Sand wastage 10%	3.30	58.00	191.40
6	Tile 100 Sft / 10 .76 =9.29 SM	9.29	2,000.00	18,580.00
7	Grout Box	1.00	460.00	460.00
				25,257.70
	Wastage 10%			2,525.77
	<b>Total of "A"</b>			<b>27,783.47</b>
<b>"B" Labor</b>				
1	Helper Mason 3 for 1 days	3.00	1,000.00	3,000.00
2	Mason Tile Fixer 3 for 1 days	3.00	1,400.00	4,200.00
3	Labor 3 for 1 days	3.00	700.00	2,100.00
4	Grouting	3.00	700.00	2,100.00
	<b>Total of "B"</b>			<b>11,400.00</b>
<b>"C" Miscellaneous</b>				
1	Cartage + labor for loading & unloading	100.00	20.00	2,000.00
	<b>Total of "C"</b>			<b>2,000.00</b>
	<b>Total Of "A" + "B" + "C"</b>			<b>41,183.47</b>
	C.P.O. 10%			4,118.35
				<b>45,301.82</b>
	I. Tax 7.5%			3,397.64
				<b>48,699.45</b>

48699.45 / 100 = 486.99 per sft.

Say Rs. 486 per Sft.

  
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**6.2**  
**Rate Analysis**  
**Porcelain tile Skirting**  
Cost for 100 Rft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Cement for neru .5 Bag	0.50	590.00	295.00
2	Tile 100 Rft= 33.33sft /10 .76 = SM	3.09	2,000.00	6,180.00
3	Grout Box	0.75	460.00	345.00
				6,820.00
	Wastage 5%			341.00
	<b>Total of "A"</b>			<u>7,161.00</u>
<b>"B" Labor</b>				
1	Tile Cutting 40 cutt for 100 Rft tiles per cut Rs. 34	40.00	34.00	1,360.00
2	Mason Tile Fixer 1 for 1/4 days	0.25	1,400.00	350.00
3	Labor 1 for 1/4 days	0.25	700.00	175.00
4	Grouting	0.50	700.00	350.00
	<b>Total of "B"</b>			<u>2,235.00</u>
<b>"C" Miscellaneous</b>				
1	Cartage + labor for loading & unloading	100.00	15.00	1,500.00
	<b>Total of "C"</b>			<u>1,500.00</u>
	<b>Total Of "A" + "B" + "C"</b>			10,896.00
	C.P.O. 10%			1,089.60
				<u>11,985.60</u>
	I. Tax 7.5%			898.92
				<u>12,884.52</u>

12884.52 / 100 = 128.85 per sft.

Say Rs. 128 per Rft.

  
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## 8.1


## Rate Analysis

Wooden cladding on walls MDF Board polish Finish  
Cost for 10 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	1/2" thick MDF board Sheet	10.00	55.00	550.00
2	1/2" thick MDF board wastage 10%	1.00	55.00	55.00
3	Nails, glue etc.	10.00	45.00	450.00
4	Rough wood 3'-4"x1"x2"x5= .21 + 10% wastage .23	0.23	1,950.00	448.50
5	Ply	10.00	39.00	390.00
6	Polish materiel	10.00	75.00	750.00
7	So lignum	10.00	25.00	250.00
<b>Total of "A"</b>				2,893.50
<b>"B" Labor</b>				
1	Saw machine charges For Wood Cutting	0.21	60.00	12.60
2	Labor charges for making & fixing MDF board & ply fixing	10.00	250.00	2,500.00
3	Labor charges for polishing	10.00	65.00	650.00
<b>Total of "B"</b>				3,162.60
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	22.00	220.00
<b>Total of "C"</b>				220.00
<b>Total Of "A" + "B" + "C"</b>				6,276.10
C.P.O. 10%				627.61
I. Tax 7.5%				517.78
				7,421.49

7421.49/10=742.15 Per sft

Say Rs. 742 per Sft.



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## 8.2

## Rate Analysis


## Wooden cladding on walls MDF Board Fabric Finish

Cost for 10 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	1/2" thick MDF board Sheet	10.00	55.00	550.00
2	1/2" thick MDF board wastage 10%	1.00	55.00	55.00
3	Nails, glue etc.	10.00	45.00	450.00
4	Rough wood 3'-4"x1"x2"x5= .21 + 10% wastage .23	0.23	1,950.00	448.50
5	Fabric	10.00	130.00	1,300.00
6	Polish materiel	10.00	75.00	750.00
7	So lignum	10.00	25.00	250.00
<b>Total of "A"</b>				<b>3,803.50</b>
<b>"B" Labor</b>				
1	Saw machine charges For Wood Cutting	0.21	60.00	12.60
2	Labor charges for making & fixing MDF board	10.00	180.00	1,800.00
3	Labor charges for fabric fixing	10.00	100.00	1,000.00
<b>Total of "B"</b>				<b>2,812.60</b>
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	22.00	220.00
<b>Total of "C"</b>				<b>220.00</b>
<b>Total Of "A" + "B" + "C"</b>				<b>6,836.10</b>
C.P.O. 10%				683.61
				<b>7,519.71</b>
I. Tax 7.5%				563.98
				<b>8,083.69</b>

8083.69/10=808.37 Per sft

Say Rs. 810 per Sft.



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## 8.3

## Rate Analysis


## Wooden Column cladding Cement Board Barclay Finish

Cost for 10 Sft.


S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	1/2" thick Cement board Sheet	10.00	100.00	1,000.00
2	1/2" thick Cement board wastage 10%	1.00	100.00	100.00
3	Nails, glue etc.	10.00	20.00	200.00
4	Rough-wood 3'-4"x1"x2"x5" = .21 + 10% wastage .23	0.23	1,950.00	448.50
5	Engineered Wood 12 mm thick	10.00	1,050.00	10,500.00
6	So lignum	10.00	15.00	150.00
<b>Total of "A"</b>				12,398.50
<b>"B" Labor</b>				
1	Saw machine charges For Wood Cutting	0.21	60.00	12.60
2	Labor charges for making & fixing Cement board	10.00	325.00	3,250.00
3	Labor charges for making & fixing Engineered Wood	10.00	65.00	650.00
<b>Total of "B"</b>				3,912.60
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	25.00	250.00
<b>Total of "C"</b>				250.00
<b>Total Of "A" + "B" + "C"</b>				16,561.10
C.P.O. 10%				1,656.11
				18,217.21
I. Tax 7.5%				1,366.29
				19,583.50

19583.50/10=1958.35 Per sft

Say Rs. 1957 per Sft.



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## 8.4

## Rate Analysis


## Pre-cast Fair Faced panel Cladding

Cost for 100 Sft.


S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Pre cast panel	100.00	390.00	39,000.00
2	Hardware	100.00	22.00	2,200.00
Total of "A"				41,200.00
<b>"B" Labor</b>				
1	Labor charges for Fixing	100.00	40.00	4,000.00
Total of "B"				4,000.00
<b>"C" Miscellaneous</b>				
1	Scaffolding	100.00	32.00	3,200.00
Total of "C"				3,200.00
Total Of "A" + "B" + "C"				48,400.00
C.P.O. 10%				4,840.00
				53,240.00
I. Tax 7.5%				3,993.00
				57,233.00

57233/100 = 572.33 per sft

Say Rs. 573 Per Sft



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8.5

Rate Analysis


Wooden Post polish finish 2"x2"


Cost for 10 Rft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Oak wood(10'-0"x2"X 2")			
	Total = .25 cft.			
	Wastage 10% = .025 cft.			
	Net Total = .28 cft.	0.28	4,200.00	1,176.00
1	Hardware	1.00	204.00	204.00
2	Polish material ambry paper, stain color, lacquer etc.	10.00	85.00	850.00
	Total of "A"			2,230.00
<b>"B" Labor</b>				
1	Saw machine charges	0.57	200.00	114.00
2	Labor charges for sorting wood and shifting to saw machine	0.57	25.00	14.25
3	Labor charges for loading, unloading and shifting to site	0.57	25.00	14.25
4	Labor charges for making and fixing at site	10.00	195.00	1,950.00
5	Labor charges for polishing	10.00	70.00	700.00
	Total of "B"			2,792.50
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
	Total of "C"			100.00
	Total Of "A" + "B" + "C"			5,122.50
	C.P.O. 10%			512.25
				5,634.75
	I. Tax 7.5%			422.61
				6,057.36

6057.36/10=605.74 per Rft

Say Rs. 607 per Rft


  
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**8.6**  
**Rate Analysis**  
**Wooden Screen polish finish 2"x1"**  
**Cost for 10 Sft.**

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Oak wood(50'-0"x2"X 1")			
	Total = .64 cft.			
	Wastage 10% = .064 cft.			
	Net Total = .70 cft.	0.70	4,200.00	2,940.00
1	Hardware	10.00	8.00	80.00
2	Polish material ambry paper, stain color, lacquer etc.	45.00	85.00	3,825.00
	<b>Total of "A"</b>			6,845.00
<b>"B" Labor</b>				
1	Saw machine charges	0.70	200.00	140.00
2	Labor charges for sorting wood and shifting to saw machine	0.70	25.00	17.50
3	Labor charges for loading, unloading and shifting to site	0.70	25.00	17.50
4	Labor charges for making and fixing at site	10.00	515.00	5,150.00
5	Labor charges for polishing	45.00	70.00	3,150.00
	<b>Total of "B"</b>			8,475.00
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
	<b>Total of "C"</b>			100.00
	<b>Total Of "A" + "B" + "C"</b>			15,420.00
	C.P.O. 10%			1,542.00
				16,962.00
	I. Tax 7.5%			1,272.15
				18,234.15

18234.15/10=1823.42 per Rft  
Say Rs. 1822 per Sft

  
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9.1  
Rate Analysis  
Wooden Door polish finish  
Cost for 21 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Oak wood for frame (17'-0"x2"x6")= 1.36 cft Oak wood for Cladding (7'-0"x3"x1/2"x2no) = 1.68 cft 1.36+1.68= Total = 3.04 cft.			
	Wastage 10% = .064 cft.			
	Net Total = 3.04 cft.	3.04	4,200.00	12,768.00
1	Solid core flush dbr	21.00	185.00	3,885.00
2	Hardware Lock Basic price Rs.4500 hinge basic price 800 pair there is two pair in one door Rs 450+4500+1600=6550/21=312	21.00	312.00	6,552.00
3	Polish material ambry paper, stain color, lacquer etc.	60.00	85.00	5,100.00
<b>Total of "A"</b>				<b>28,305.00</b>
<b>"B" Labor</b>				
1	Saw machine charges	3.04	200.00	608.00
2	Labor charges for sorting wood and shifting to saw machine	3.04	25.00	76.00
3	Labor charges for loading, unloading and shifting to site	3.04	25.00	76.00
4	Labor charges for making and fixing at site	21.00	525.00	11,025.00
5	Labor charges for polishing	60.00	70.00	4,200.00
<b>Total of "B"</b>				<b>15,985.00</b>
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
<b>Total of "C"</b>				<b>100.00</b>
<b>Total Of "A" + "B" + "C"</b>				<b>44,390.00</b>
C.P.O. 10%				4,439.00
				<b>48,829.00</b>
I. Tax 7.5%				3,662.18
				<b>52,491.18</b>

52491.18/21=2499.58 per Sft

Say Rs. 2497 per Sft

  
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9.2  
Rate Analysis  
Wooden Door Formica finish  
Cost for 17.5 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Oak wood for frame (17'-0"x2"x6")= 1.36 cft			
	Wastage 10% = .013 cft.			
	Net Total = 1.49 cft.	1.49	4,200.00	6,258.00
1	Solid core flush door	17.50	185.00	3,237.50
2	Hardware Lock Basic price Rs.1500 hinge basic price 800 pair there is two pair in one door Rs 450+1500+1600=/17.5=201	17.50	201.00	3,517.50
3	Polish materiel	17.50	85.00	1,487.50
4	Formica	64.00	37.00	2,368.00
<b>Total of "A"</b>				16,868.50
<b>"B" Labor</b>				
1	Saw machine charges	1.49	200.00	298.00
2	Labor charges for sorting wood and shifting to saw machine	1.49	25.00	37.25
3	Labor charges for loading, unloading and shifting to site	1.49	25.00	37.25
4	Labor charges for making and fixing at site	17.50	365.00	6,387.50
5	Labor charges for polishing	17.50	70.00	1,225.00
<b>Total of "B"</b>				7,985.00
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
<b>Total of "C"</b>				100.00
<b>Total Of "A" + "B" + "C"</b>				24,953.50
C.P.O. 10%				2,495.35
				27,448.85
I. Tax 7.5%				2,058.66
				29,507.51

29507.51/17.5=1686.14 per Sft  
Say Rs. 1687 per Sft

  
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**10.1**  
**Rate Analysis**  
**Gypsum Board Ceiling paint finish**  
**Cost for 100 Sft.**

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Gypsum board Sheet	100.00	35.00	3,500.00
2	Suspension System	100.00	35.00	3,500.00
3	Hardware	100.00	10.00	1,000.00
4	Paint Filling Joint tape etc	100.00	50.00	5,000.00
<b>Total of "A"</b>				<b>13,000.00</b>
<b>"B" Labor</b>				
1	Labor charges for making Ceiling Structure	100.00	40.00	4,000.00
2	Labor charges for making joints & filling & cutting hole etc	100.00	25.00	2,500.00
3	Labor charges for paint	100.00	25.00	2,500.00
4	Labor charges for making and fixing at site	100.00	33.00	3,300.00
5	Labor charges for polishing	45.00	70.00	3,150.00
<b>Total of "B"</b>				<b>15,450.00</b>
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
<b>Total of "C"</b>				<b>100.00</b>
<b>Total Of "A" + "B" + "C"</b>				<b>28,550.00</b>
C.P.O. 10%				2,855.00
				<b>31,405.00</b>
I. Tax 7.5%				2,355.38
				<b>33,760.38</b>

$33760.38/100=337.60$  per Rft

**Say Rs. 337 per Sft**

  
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## 10.2

## Rate Analysis


## Gypsum Board Ceiling paint finish in toilets


Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Gypsum board Sheet	100.00	46.00	4,600.00
2	Suspension System	100.00	35.00	3,500.00
3	Hardware	100.00	10.00	1,000.00
4	Paint Filling Joint tape etc	100.00	50.00	5,000.00
<b>Total of "A"</b>				14,100.00
<b>"B" Labor</b>				
1	Labor charges for making Ceiling	100.00	40.00	4,000.00
2	Labor charges for making joints & filling & cutting hole etc	100.00	25.00	2,500.00
3	Labor charges for paint	100.00	25.00	2,500.00
4	Labor charges for making and fixing at site	100.00	35.00	3,500.00
5	Labor charges for polishing	45.00	70.00	3,150.00
<b>Total of "B"</b>				15,650.00
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
<b>Total of "C"</b>				100.00
<b>Total Of "A" + "B" + "C"</b>				29,850.00
C.P.O. 10%				2,985.00
				32,835.00
I. Tax 7.5%				2,462.63
				35,297.63

$$35297.63/100=352.98 \text{ per Rft}$$

Say Rs. 351 per Sft

  
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10.3  
Rate Analysis  
Wooden ceiling MDF Board polish Finish  
Cost for 10 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	1/2" thick MDF board Sheet	10.00	55.00	550.00
2	1/2" thick MDF board wastage 10%	1.00	55.00	55.00
3	Nails, glue etc.	10.00	45.00	450.00
4	Rough wood 3'-4"x1"x2"x5= .21 + 10% wastage .23	0.23	1,950.00	448.50
5	Ply	10.00	39.00	390.00
6	Polish materiel	10.00	75.00	750.00
7	So lignum	10.00	25.00	250.00
<b>Total of "A"</b>				2,893.50
<b>"B" Labor</b>				
1	Saw machine charges For Wood Cutting	0.21	60.00	12.60
2	Labor charges for making & fixing MDF board Ceiling	10.00	280.00	2,800.00
3	Labor charges for polishing	10.00	65.00	650.00
<b>Total of "B"</b>				3,462.60
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	22.00	220.00
<b>Total of "C"</b>				220.00
<b>Total Of "A" + "B" + "C"</b>				6,576.10
C.P.O. 10%				657.61
				7,233.71
I. Tax 7.5%				542.53
				7,776.24

7776.24/10=777.62 Per.sft  
Say Rs. 776 per Sft.

  
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## 10.4

## Rate Analysis

## Wooden Ceiling Cement Board Barclay Finish

Cost for 10 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	1/2" thick Cement board Sheet	10.00	100.00	1,000.00
2	1/2" thick Cement board wastage 10%	1.00	100.00	100.00
3	Nails, glue etc.	10.00	20.00	200.00
4	Rough wood 3'-4"x2"x2"x8= .68 + 10% wastage .75	0.75	1,950.00	1,462.50
5	Engineered Wood 12 mm thick	10.00	1,050.00	10,500.00
6	So lignum	10.00	25.00	250.00
<b>Total of "A"</b>				<b>13,512.50</b>
<b>"B" Labor</b>				
1	Saw machine charges For Wood Cutting	0.21	60.00	12.60
2	Labor charges for making & fixing Cement board	10.00	340.00	3,400.00
3	Labor charges for making & fixing Engineered Wood	10.00	165.00	1,650.00
<b>Total of "B"</b>				<b>5,062.60</b>
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	25.00	250.00
<b>Total of "C"</b>				<b>250.00</b>
<b>Total Of "A" + "B" + "C"</b>				<b>18,825.10</b>
C.P.O. 10%				<b>1,882.51</b>
				<b>20,707.61</b>
I. Tax 7.5%				<b>1,553.07</b>
				<b>22,260.68</b>

22260.68/10=2226.07 Per sft

Say Rs. 2227 per Sft.

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**10.5**  
**Rate Analysis**

**Wooden Drop trellis polish finish**


Cost for 10 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Oak wood(50'-0"x1.5"X 2.5")			
	Total = 21.1cft.			
	Wastage 10% = .11 cft.			
	Net Total = 1.21 cft.	1.21	4,200.00	5,082.00
1	Hardware	10.00	50.00	500.00
2	Polish material ambry paper, stain color, lacquer etc.	45.00	85.00	3,825.00
	<b>Total of "A"</b>			<b>9,407.00</b>
<b>"B" Labor</b>				
1	Saw machine charges	2.20	200.00	440.00
2	Labor charges for sorting wood and shifting to saw machine	2.20	25.00	55.00
3	Labor charges for loading, unloading and shifting to site	2.20	25.00	55.00
4	Labor charges for making and fixing at site	10.00	450.00	4,500.00
5	Labor charges for polishing	45.00	70.00	3,150.00
	<b>Total of "B"</b>			<b>8,200.00</b>
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
	<b>Total of "C"</b>			<b>100.00</b>
	<b>Total Of "A" + "B" + "C"</b>			<b>17,707.00</b>
	C.P.O. 10%			1,770.70
				<b>19,477.70</b>
	I. Tax 7.5%			1,460.83
				<b>20,938.53</b>

$20938.53/10=2093.85$  per Rft

Say Rs. 2092 per Sft


*Executive Engineer*  
Sindh Police Department


  
ASSISTANT ENGINEER  
CPO, SINDH, KARACHI

10.6  
Rate Analysis  
Wooden Drop trellis polish finish With M.S Support  
Cost for-10-Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Oak wood(35'-0"x3"X 6")			
	Total = 4.37cft.			
	Wastage 5% = .21cft.			
	Net Total = 4.58 cft.	4.58	4,200.00	19,236.00
1	Hardware	10.00	7.00	70.00
2	M-S-plates	10.00	25.00	250.00
3	Polish material ambry paper, stain color, lacquer etc.	41.00	85.00	3,485.00
	Total of "A"			23,041.00
<b>"B" Labor</b>				
1	Saw machine charges	4.58	200.00	916.00
2	Labor charges for sorting wood and shifting to saw machine	4.58	25.00	114.50
3	Labor charges for loading, unloading and shifting to site	4.58	25.00	114.50
4	Labor charges for making and fixing at site	10.00	390.00	3,900.00
5	Labor charges for polishing	41.00	70.00	2,870.00
	Total of "B"			7,915.00
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	10.00	100.00
	Total of "C"			100.00
	Total Of "A" + "B" + "C"			31,056.00
	C.P.O. 10%			3,105.60
				34,161.60
	I. Tax 7.5%			2,562.12
				36,723.72

3672.37/10=3672.37 per Rft  
Say Rs. 3670 per Sft

  
Executive Engineer  
Sindh Police Department


  
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**11.2**  
**Rate Analysis**  
**Acrylic finish Counter top in toilets**  
**Cost for 10 Sft.**

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	1/2" thick MDF board Sheet	10.00	55.00	550.00
2	1/2" thick MDF board wastage 10%	1.00	55.00	55.00
3	Nails, glue etc.	10.00	45.00	450.00
4	Rough wood 3'-4"x1"x2"x5= .21 +10% wastage .23	0.23	1,950.00	448.50
5	Acrylic With pasting materiel	10.00	1,400.00	14,000.00
6	Acrylic wastage Of item no. (5) 10%	1.00	1,400.00	1,400.00
7	So lignum	10.00	25.00	250.00
<b>Total of "A"</b>				<b>17,153.50</b>
<b>"B" Labor</b>				
1	Saw machine charges For Wood Cutting	0.21	30.00	6.30
2	Labor charges for making & fixing MDF board	10.00	320.00	3,200.00
3	Labor charges for fixing Acrylic	10.00	170.00	1,700.00
<b>Total of "B"</b>				<b>4,906.30</b>
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	20.00	200.00
<b>Total of "C"</b>				<b>200.00</b>
<b>Total Of "A" + "B" + "C"</b>				<b>22,259.80</b>
C.P.O. 10%				<b>2,225.98</b>
				<b>24,485.78</b>
I. Tax 7.5%				<b>1,836.43</b>
				<b>26,322.21</b>

**26322.21/10=2632.22 Per sft**

**Say Rs. 2632 per Sft.**

  
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**Executive Engineer**  
**Sindh Police Department**

**11.3**  
**Rate Analysis**  
**Acrylic finish Coping in toilets**

Cost for 10 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	1/2" thick MDF board Sheet	10.00	55.00	550.00
2	1/2" thick MDF board wastage 10%	1.00	55.00	55.00
3	Nails, glue etc.	10.00	45.00	450.00
4	Rough wood 3'-4"x1"x2"x5= .21 + 10% wastage .23	0.23	1,950.00	448.50
5	Acrylic With pasting materiel	10.25	1,400.00	14,350.00
6	Acrylic wastage Of item no. (5) 10%	1.12	1,400.00	1,568.00
7	So lignum	10.00	25.00	250.00
<b>Total of "A"</b>				<b>17,671.50</b>
<b>"B" Labor</b>				
1	Saw machine charges For Wood Cutting	0.21	60.00	12.60
2	Labor charges for making & fixing MDF board	10.00	320.00	3,200.00
3	Labor charges for fixing Acrylic	10.00	170.00	1,700.00
<b>Total of "B"</b>				<b>4,912.60</b>
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	28.00	280.00
<b>Total of "C"</b>				<b>280.00</b>
<b>Total Of "A" + "B" + "C"</b>				<b>22,864.10</b>
C.P.O. 10%				<b>2,286.41</b>
				<b>25,150.51</b>
I. Tax 7.5%				<b>1,886.29</b>
				<b>27,036.80</b>

$27036.80/10=2703.68$  Per sft

Say Rs. 2700 per Sft.

*(Signature)*  
Executive Engineer  
Sindh Police Department

*(Signature)*  
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CPO, SINDH, KARACHI


**11.4**  
**Rate Analysis**  
**Mirrors in Toilets**  
 Cost for 10 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Marine ply	10.00	95.00	950.00
2	Mirror (Belgium)	10.00	295.00	2,950.00
3	SS Strip for nosing 14 Rft	14.00	185.00	<u>2,590.00</u>
<b>Total of "A"</b>				6,490.00
<b>"B" Labor</b>				
1	Labor charges for Fixing	10.00	60.00	<u>600.00</u>
<b>Total of "B"</b>				600.00
<b>"C" Miscellaneous</b>				
1	Cartage	10.00	32.00	320.00
<b>Total of "C"</b>				<u>320.00</u>
<b>Total Of "A" + "B" + "C"</b>				7,410.00
C.P.O. 10%				<u>741.00</u>
				8,151.00
I. Tax 7.5%				<u>611.33</u>
				8,762.33

$8762.33/10 = 876.23$  per sft

**Say Rs. 877 Per Sft**


  
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**11.5**  
**Rate Analysis**  
**Wooden Lapping polish finish**  
 Cost for 10 Rft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Oak wood(10'-0"x1/2"X 6")			
	Total = .02cft.			
	Wastage 5% = .002cft.			
	Net Total = .22 cft.	0.22	4,200.00	924.00
1	Hardware	10.00	12.00	120.00
2	Polish material ambry paper, stain color, lacquer etc.	5.00	85.00	425.00
	<b>Total of "A"</b>			<b>1,469.00</b>
<b>"B" Labor</b>				
1	Saw machine charges	0.22	150.00	33.00
2	Labor charges for sorting wood and shifting to saw machine	0.22	5.00	1.10
3	Labor charges for loading, unloading and shifting to site	0.22	5.00	1.10
4	Labor charges for making and fixing at site	10.00	180.00	1,800.00
5	Labor charges for polishing	5.00	70.00	350.00
	<b>Total of "B"</b>			<b>2,185.20</b>
<b>"C" Miscellaneous</b>				
1	Cartage	5.00	10.00	50.00
	<b>Total of "C"</b>			<b>50.00</b>
	<b>Total Of "A" + "B" + "C"</b>			<b>3,704.20</b>
	C.P.O. 10%			370.42
				<b>4,074.62</b>
	I. Tax 7.5%			305.60
				<b>4,380.22</b>

4380.22/10=438.02 per Rft  
 Say Rs. 438 per Sft

  
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**11.6**  
**Rate Analysis**  
**Aluminum Access panel**  
Cost for 1 no,

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Panel (Imported from Thailand)	1.00	12,000.00	12,000.00
2	Hardware	1.00	500.00	500.00
Total of "A"				12,500.00
<b>"B" Labor</b>				
1	Labor charges for Fixing	1.00	1,700.00	1,700.00
Total of "B"				1,700.00
<b>"C" Miscellaneous</b>				
1	paint	1.00	70.00	70.00
Total of "C"				70.00
Total Of "A" + "B" + "C"				14,270.00
C.P.O. 10%				1,427.00
				15,697.00
I. Tax 7.5%				1,177.28
				16,874.28

16874.28 per No,

Say Rs. 16875 Per No,

  
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**Rate Analysis**  
**Metal works Staircase**


Cost for 10 kg

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Steel Guarder plates angle etc per KG	10.00	115.00	1,150.00
2	Hilti bolts	1.00	225.00	225.00
3	Welding roads	20.00	8.00	160.00
4	Anti rust paint	10.00	20.00	200.00
Total of "A"				1,735.00
<b>"B" Labor</b>				
1	Labor charges for Cutting & bending etc	10.00	15.00	150.00
2	Labor charges for lifting & shifting	10.00	25.00	250.00
3	Labor charges for Cutting & bending & Erection etc	10.00	45.00	450.00
4	Labor charges for Paint	10.00	5.00	50.00
Total of "B"				900.00
<b>Miscellaneous</b>				
1	Cartage & lifting at site	10.00	10.00	100.00
Total of "C"				100.00
Total Of "A" + "B" + "C"				2,735.00
C.P.O. 10%				273.50
				3,008.50
I. Tax 7.5%				225.64
				3,234.14

3234.14/10 = 323.41 per KG

Say Rs. 324 Per KGS

  
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Rate Analysis

M.S Railing for Stair case

Cost for 10 Rft

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
1	Steel 2" dia pipe	10.00	80.00	800.00
2	1/2" dia pipe	30.00	22.00	660.00
3	1/4" x 2" flate bar for post 4no, in 10 rft	12.00	100.00	1,200.00
4	Welding roads	50.00	8.00	400.00
5	Anti rust paint	10.00	150.00	1,500.00
<b>Total of "A"</b>				4,560.00
<b>"B" Labour</b>				
1	Labour charges for Cutting & bending etc	10.00	200.00	2,000.00
2	Labor charges for lifting & shifting	10.00	225.00	2,250.00
3	Labor charges for Cutting & bending & Erection etc	10.00	450.00	4,500.00
	Labor charges for Paint	10.00	35.00	350.00
<b>Total of "B"</b>				9,100.00
<b>"C" Miscellaneous</b>				
1	Cartage & lifting at site	10.00	60.00	600.00
<b>Total of "C"</b>				600.00
<b>Total Of "A" + "B" + "C"</b>				14,260.00
C.P.O. 10%				1,426.00
				15,686.00
I. Tax 7.5%				1,176.45
				16,862.45

16862.45/10 = 1686.25 per KG

Say Rs. 1687 Per Rft

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## 2.2


### Rate Analysis Block Masonry 6" thick


Cost for 100 Sft.

S.No.	Description	Qty.	Rate	Amount
<b>"A" Material</b>				
	Base mortar (1:4) in 100 Sft Block masonry is ,16 Layers of mortar 1"x6"x10" = 6.4 cft In vata 10x16 160 vata in 100 Sft 1"x 6" x 8" = 4.22 cft in vata			
	6.4 + 4.22 = 10.62 cft mortar using in 100 SFT			
1	Base mortar (1:4) = 5 parts, 10.62 cft. Wet material, For dry material 10.62 X 1.54 = 16.35 cft. / 5 = 3.27 cft.			
2	Cement 3.27 / 1.25 = 2.6 bag	2.60	590.00	1,534.00
3	Sand 3.27 X 4 = 13.08 cft.	13.08	58.00	758.64
4	Sand wastage 10%	1.30	58.00	75.40
5	Solid Block 117 block in 100 Sft	117.00	48.00	5,616.00
				7,984.04
	Wastage 2.5%			199.60
	<b>Total of "A"</b>			<b>8,183.64</b>
<b>"B" Labor</b>				
1	Mason 1 for 1 days	1.00	1,200.00	1,200.00
2	Helper 1 for 1 days	1.00	700.00	700.00
	<b>Total of "B"</b>			<b>1,900.00</b>
<b>"C" Miscellaneous</b>				
2	Curing L. S. 1/4 day labor	0.50	700.00	350.00
	<b>Total of "C"</b>			<b>350.00</b>
	<b>Total Of "A" + "B" + "C"</b>			<b>10,433.64</b>
	C.P.O. 10%			1,043.36
				<b>11,477.01</b>
	I. Tax 7.5%			860.78
				<b>12,337.78</b>

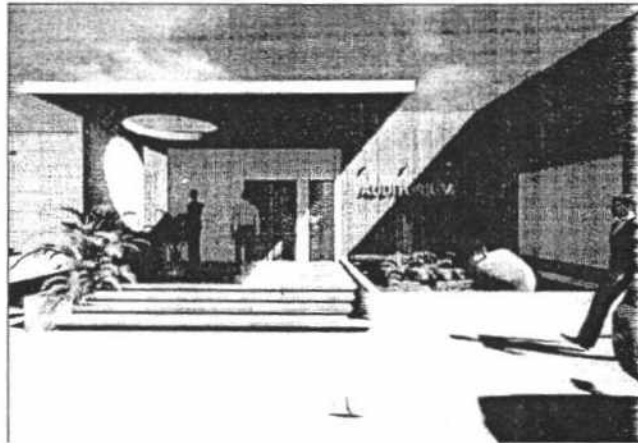
12337.78 / 100 = 123.38 per Sft.

Say Rs. 124.00 per Sft.

  
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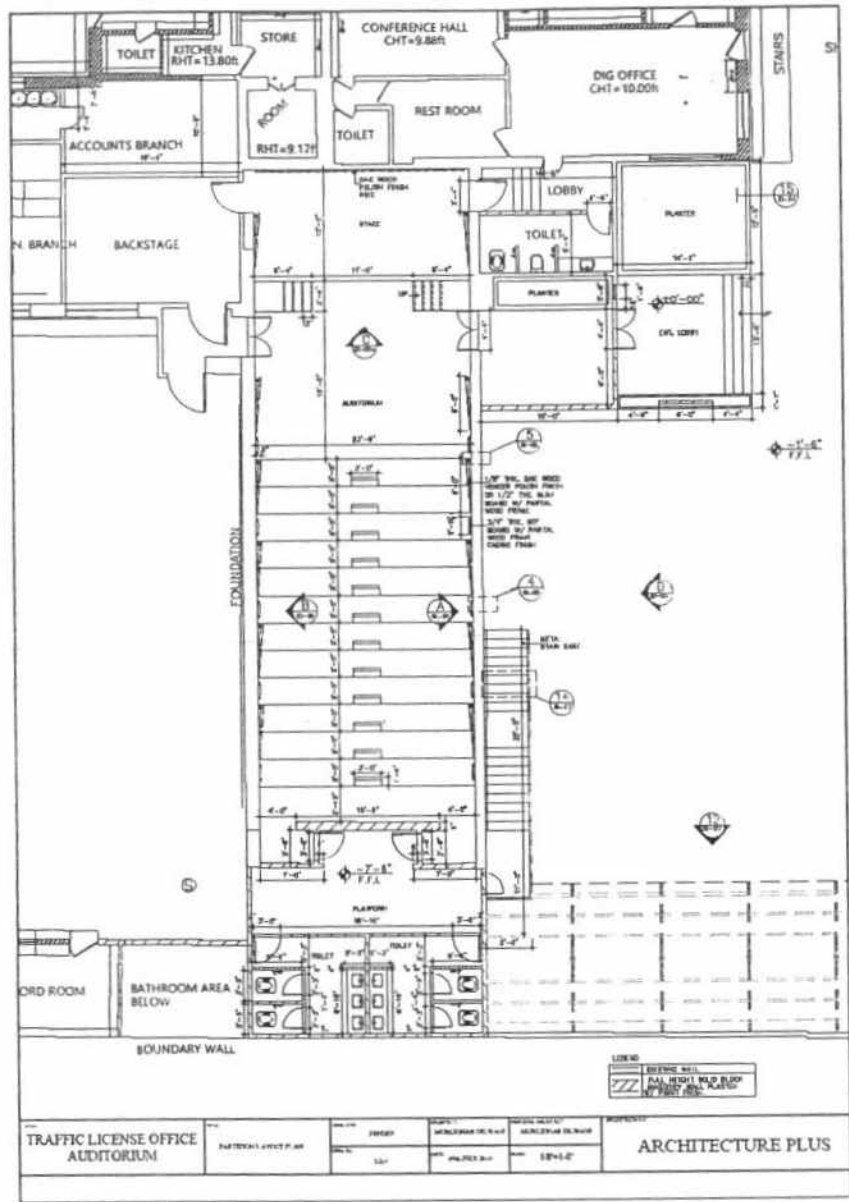



November, 2016

REPAIR AND RENOVATION OF  
SALEEM WAHEEDI AUDITORIUM, SINDH POLICE



# PARTITION LAYOUT



  
**Hafiz Safdar Shaikh**  
 Assistant Engineer  
 Central Police Office,  
 Sindh, Karachi.

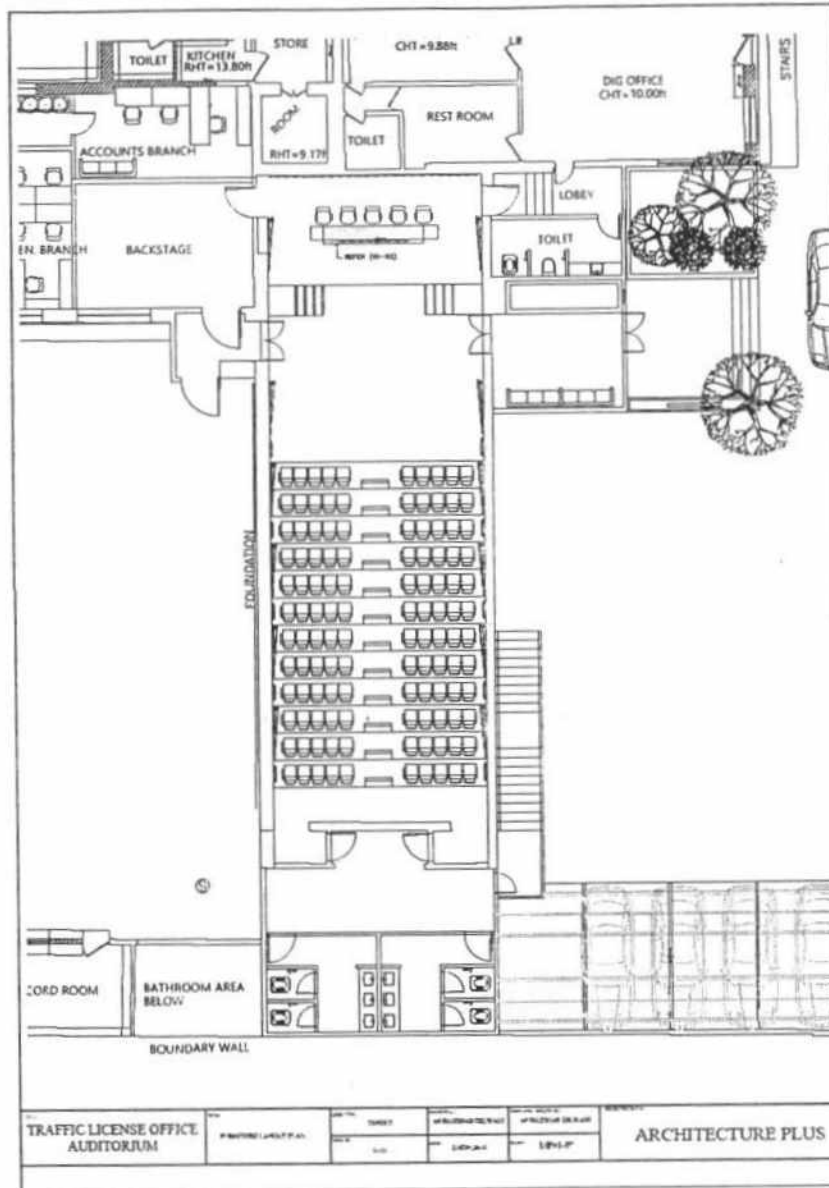
  
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# FURNITURE LAYOUT



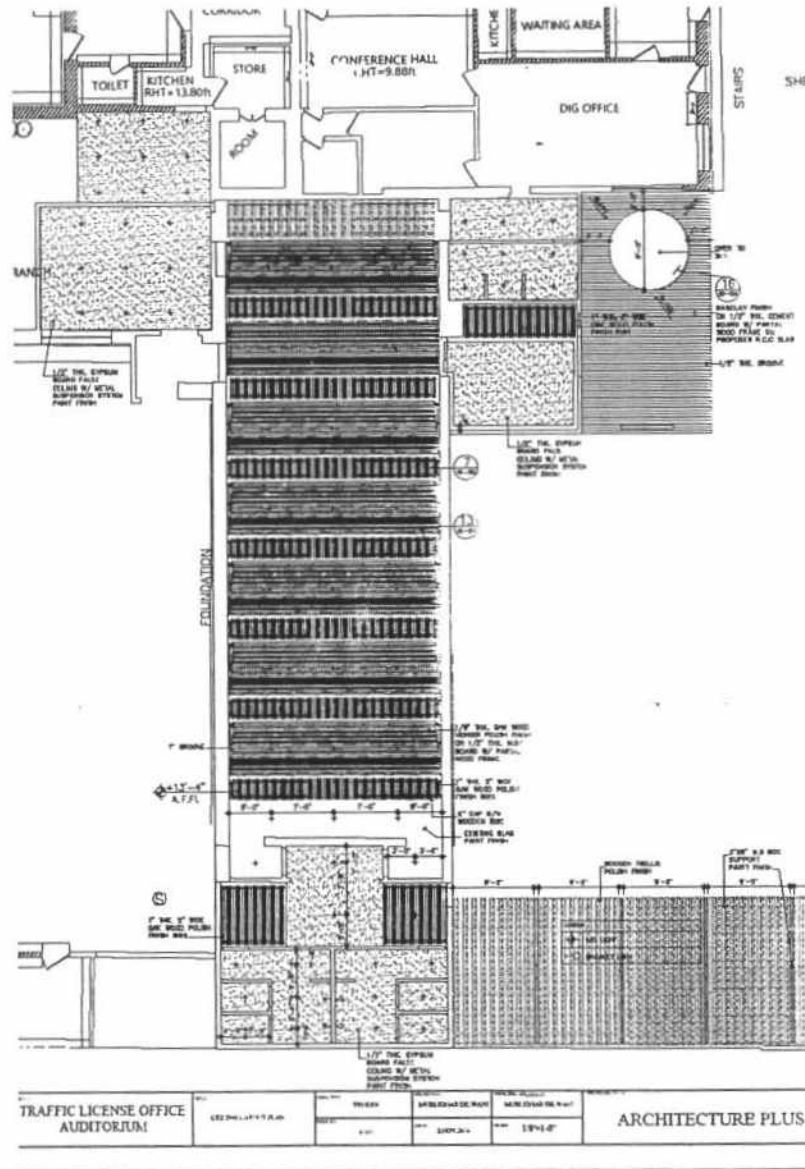
  
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 Assistant Engineer  
 Central Police Office,  
 Sindh, Karachi.


  
 Executive Engineer  
 Sindh Police Department

## REPAIR AND RENOVATION OF SALEEM WAHEEDI AUDITORIUM, SINDH POLICE



# CEILING LAYOUT



  
**Hafiz Safdar Shaikh**  
 Assistant Engineer  
 Central Police Office,  
 Sindh, Karachi.

  
 Executive Engineer  
 Sindh Police Department

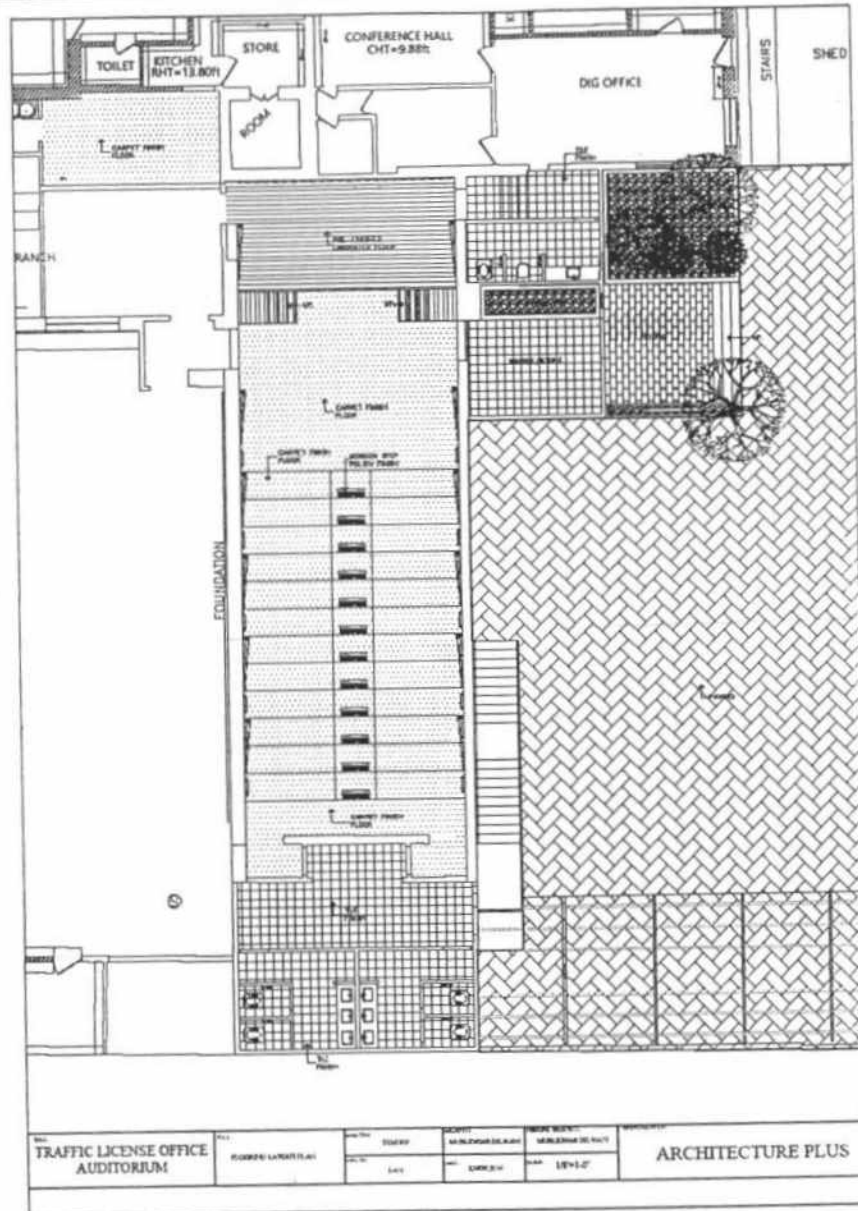
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# FLOORING LAYOUT



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Central Police Office,  
Sindh, Karachi.

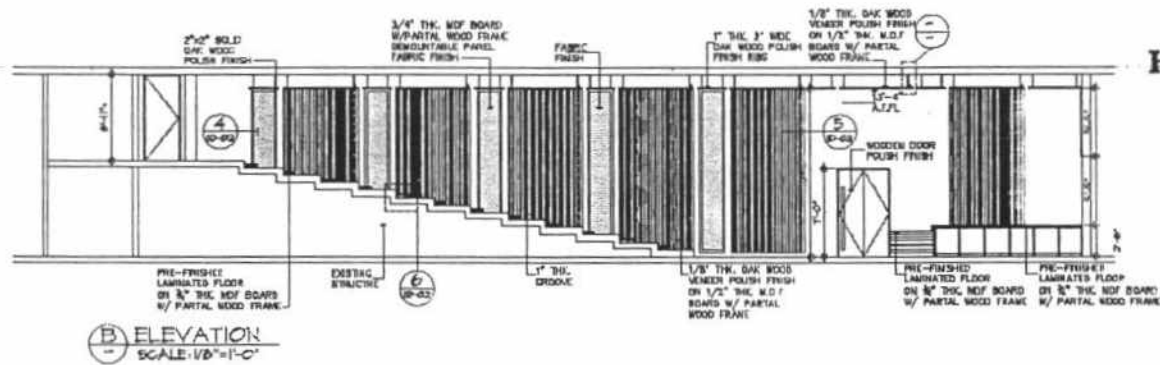
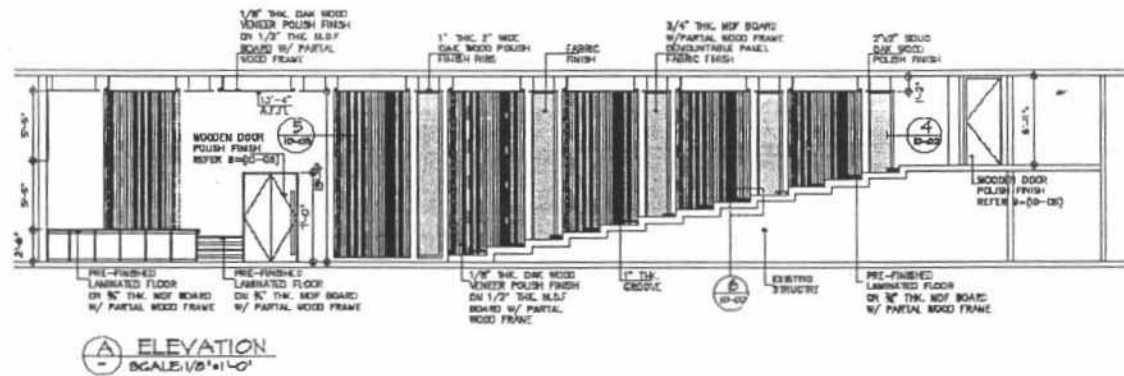


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# ELEVATIONS



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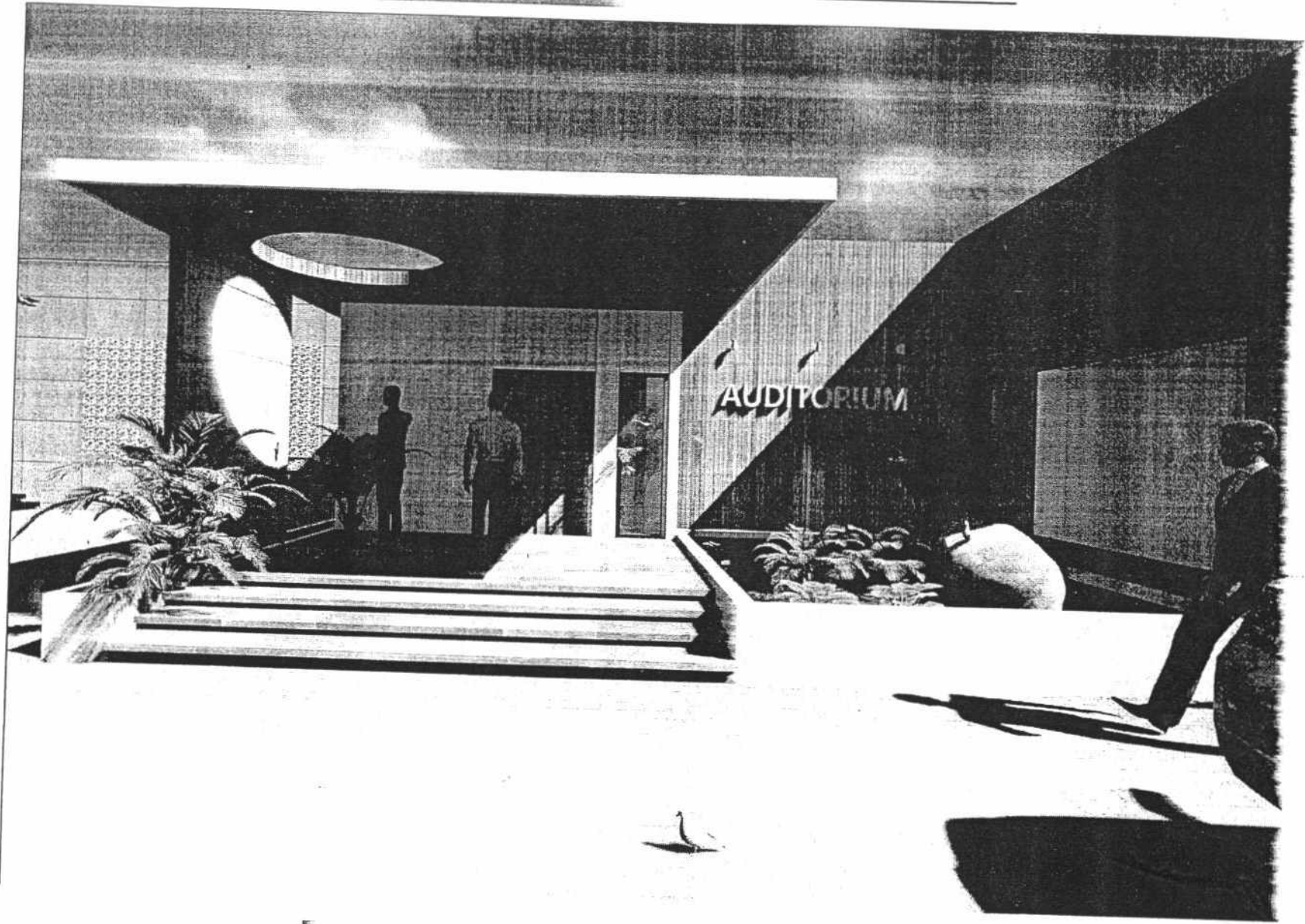
**Hafiz Safdar Shaikh**  
Assistant Engineer  
Central Police Office,  
Sindh, Karachi.

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**Executive Engineer**  
Sindh Police Department

TITLE TRAFFIC LICENSE OFFICE AUDITORIUM	TITLE ELEVATION	DWG. TYPE	ARCHITECT MUKLIDHAR DILWANI	PRINCIPAL ARCHITECT MUKLIDHAR DILWANI	ARCHITECTS I.P.V.  ARCHITECTURE PLUS
		DWG. NO. ID - 01	DATE 30th JULY, 2016	SCALE N.T.S.	



# EXTERIOR 3D VIEW



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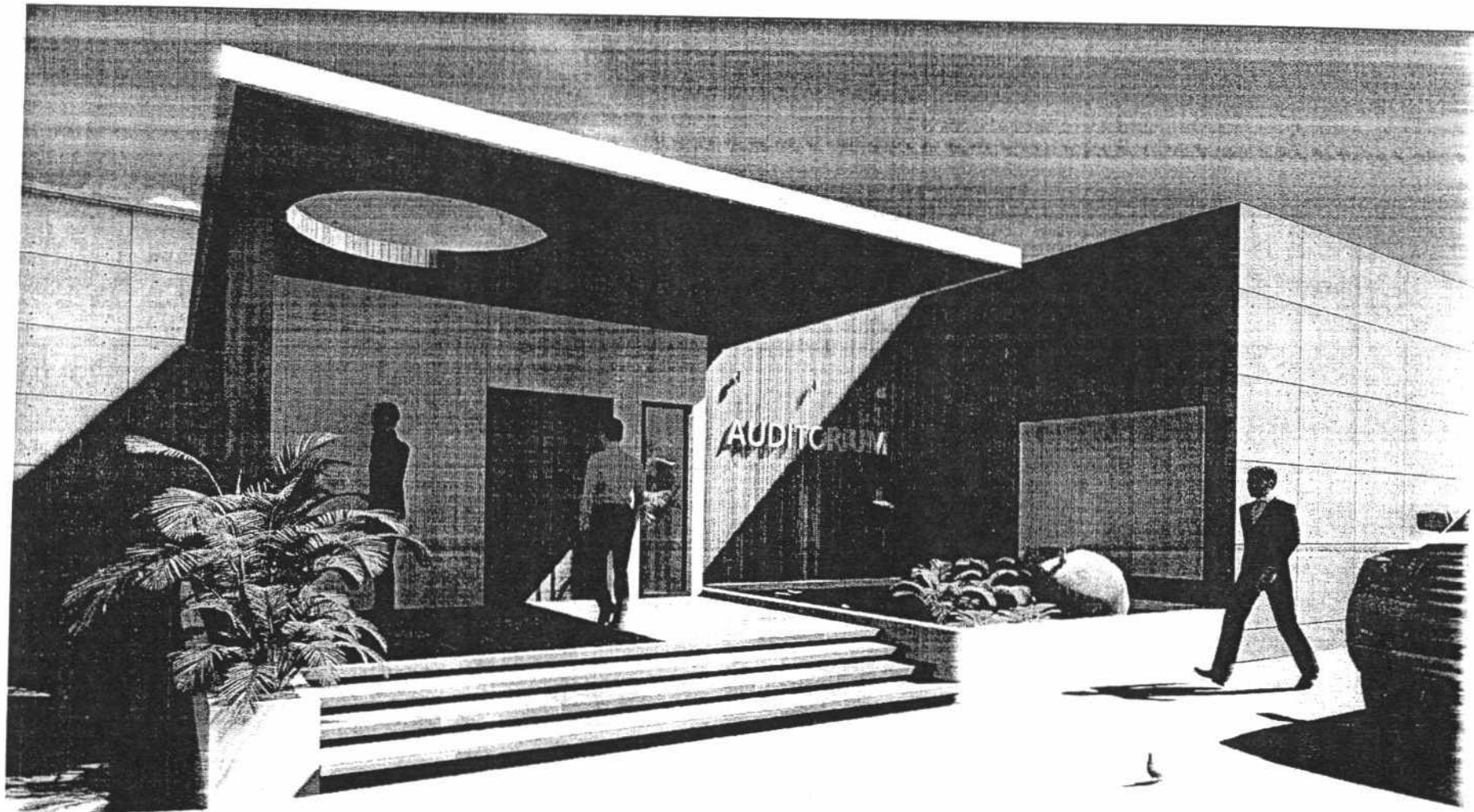
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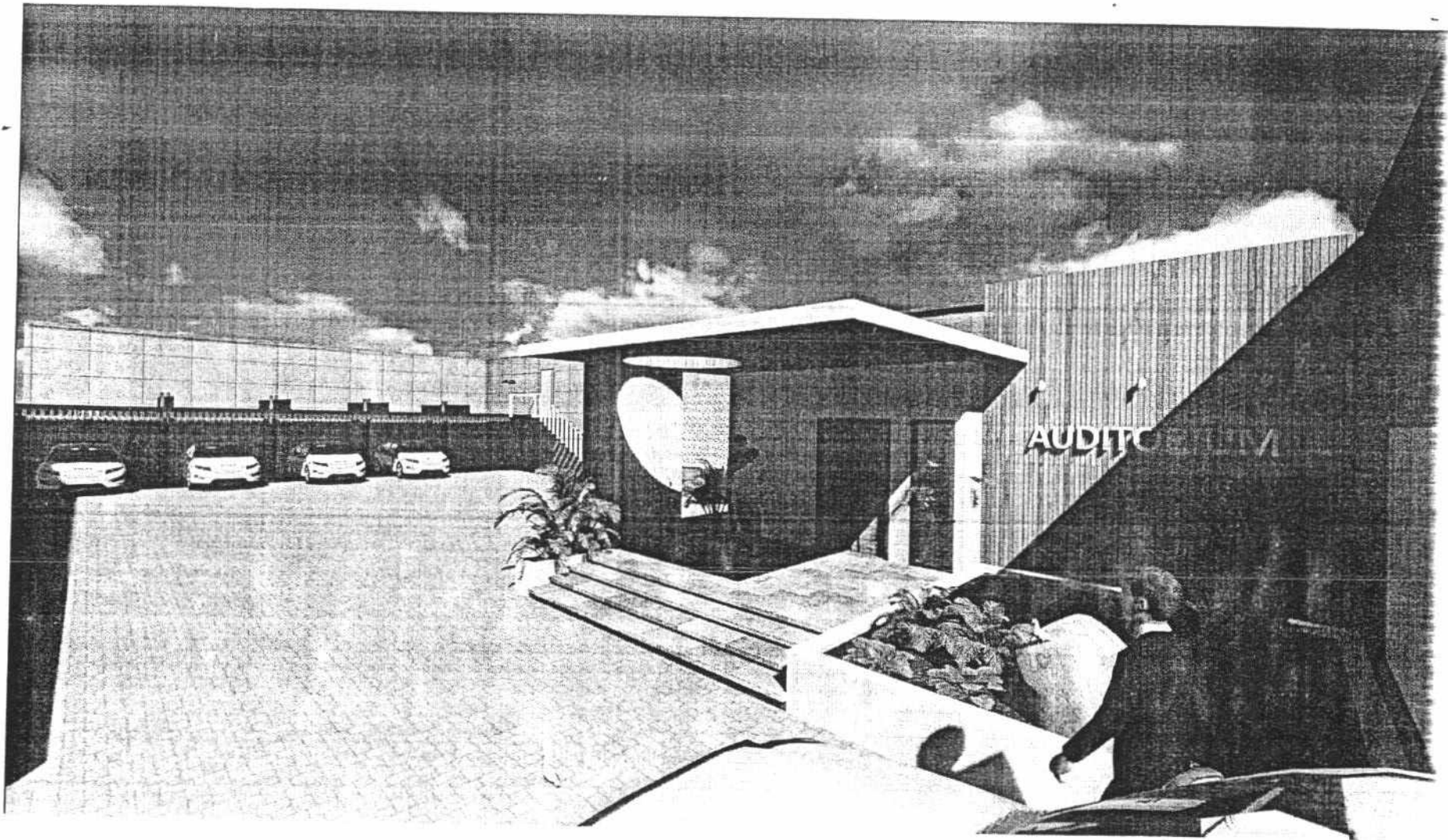
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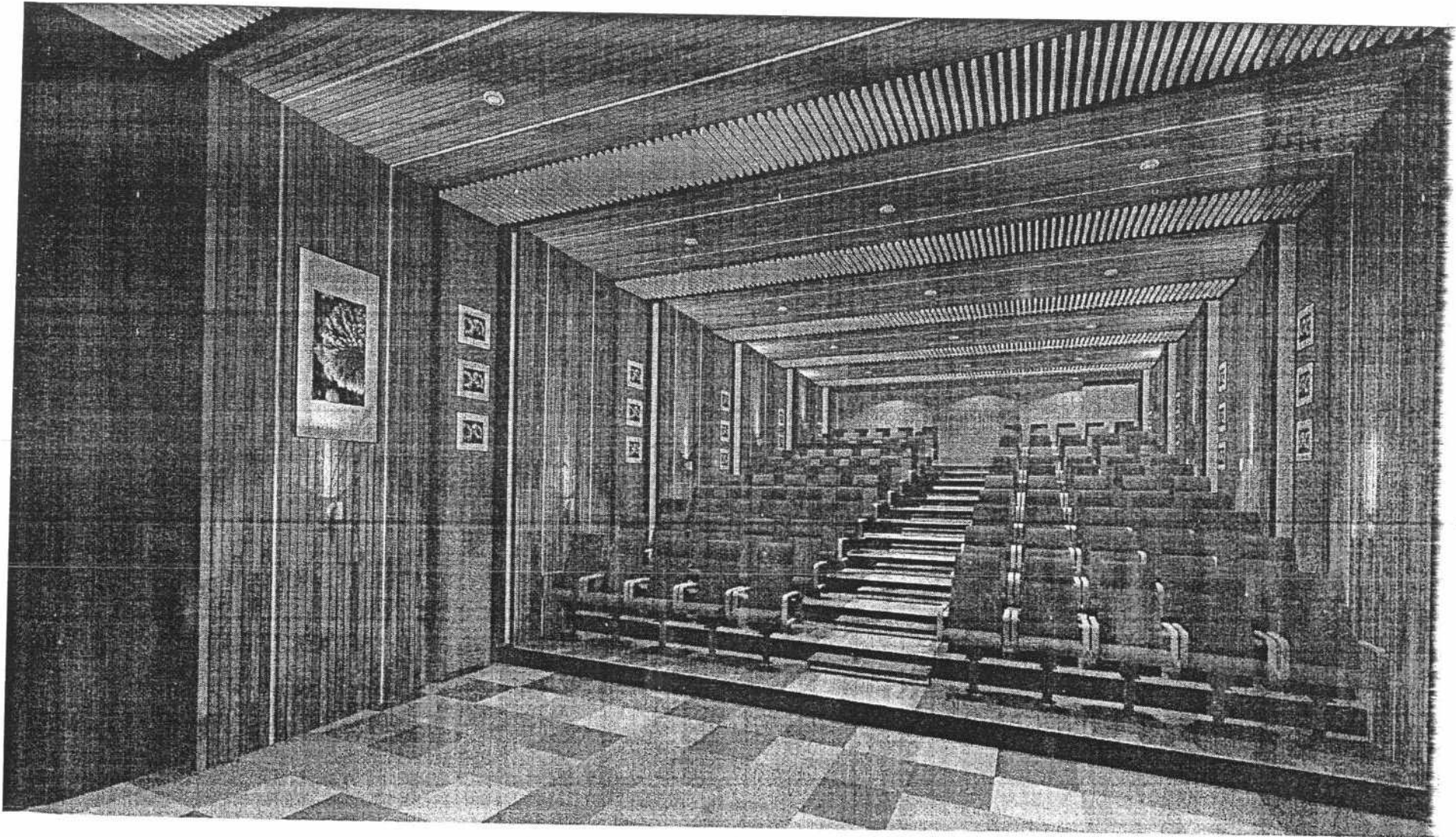
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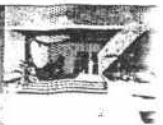


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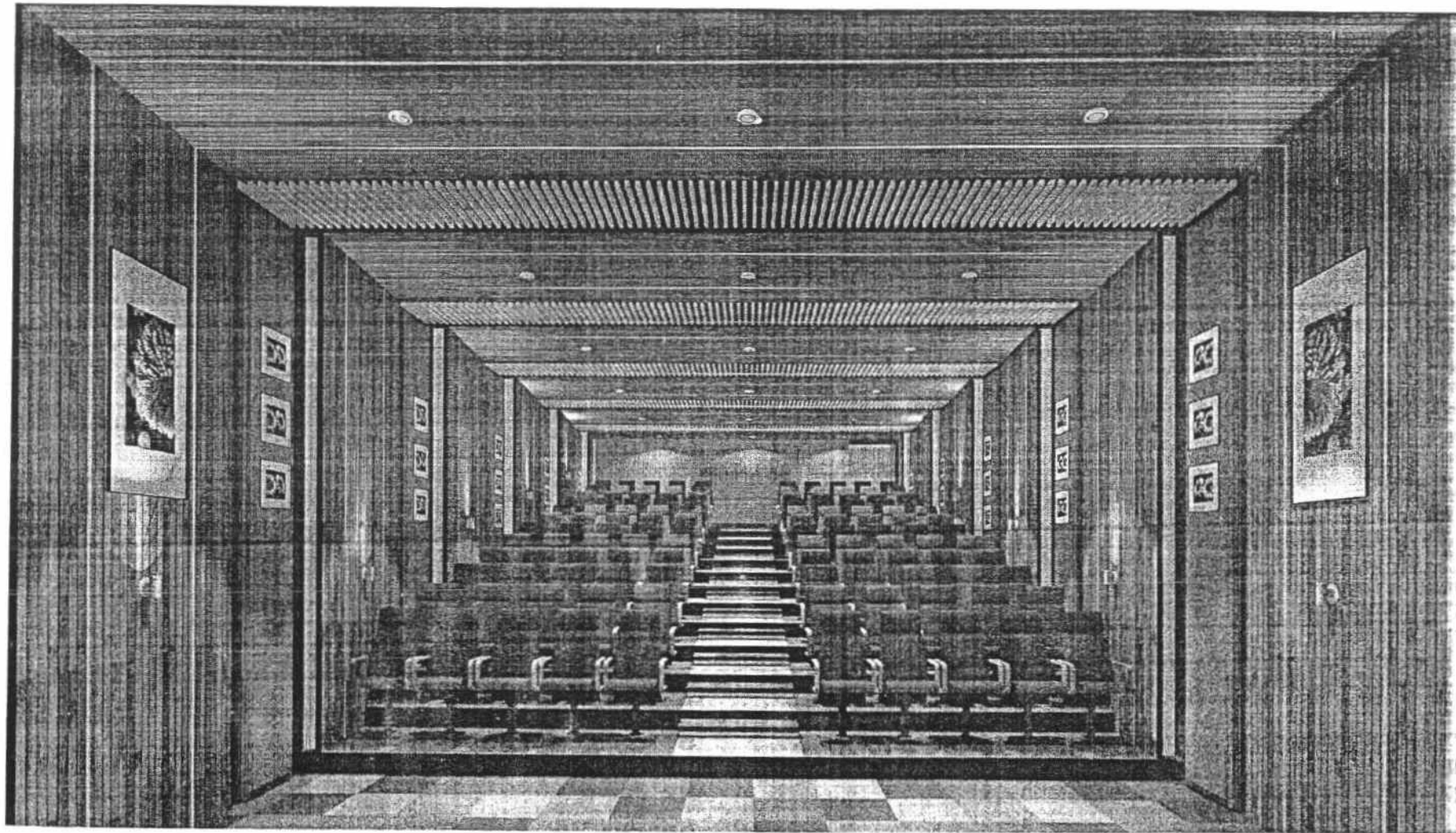
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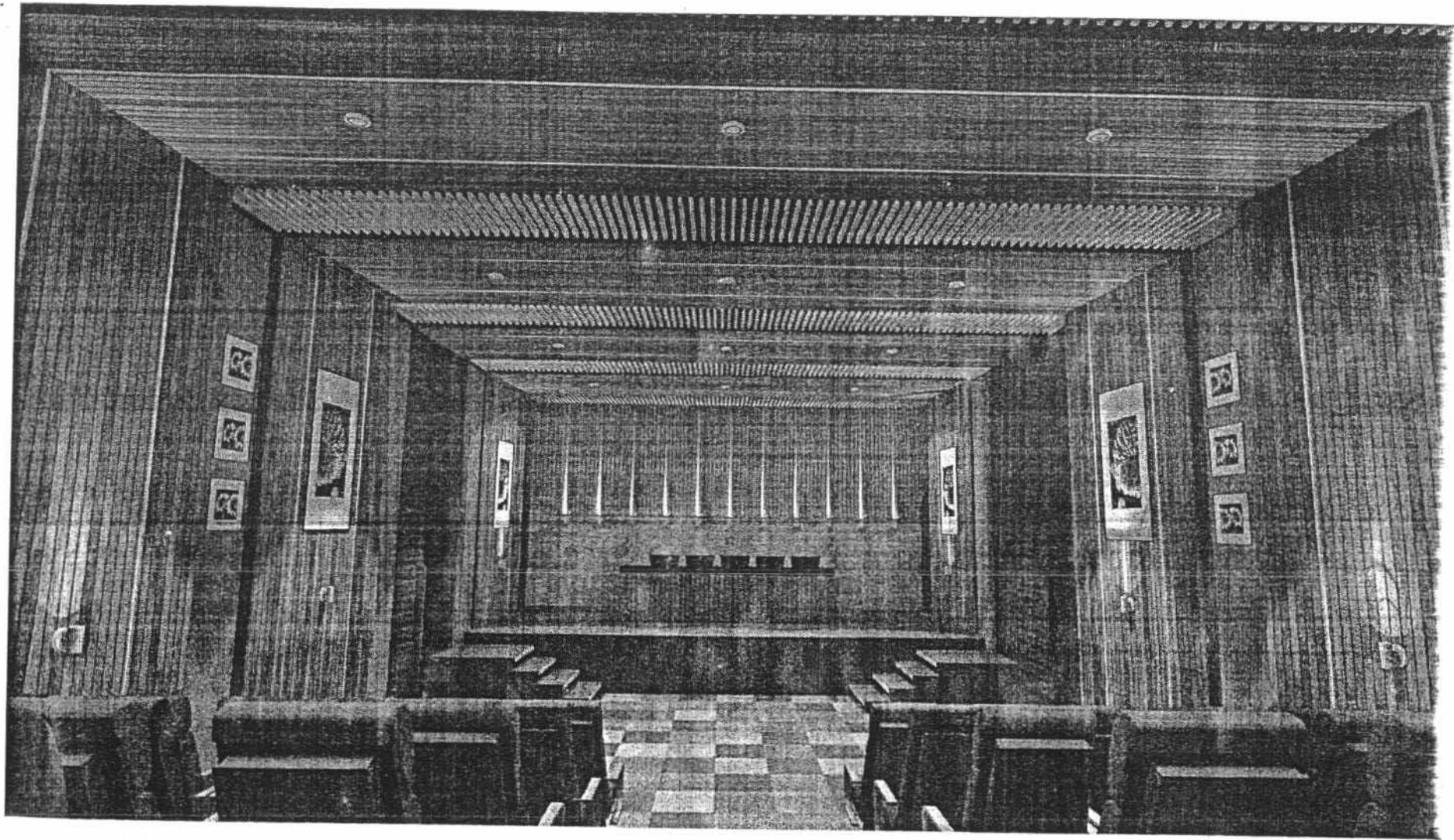
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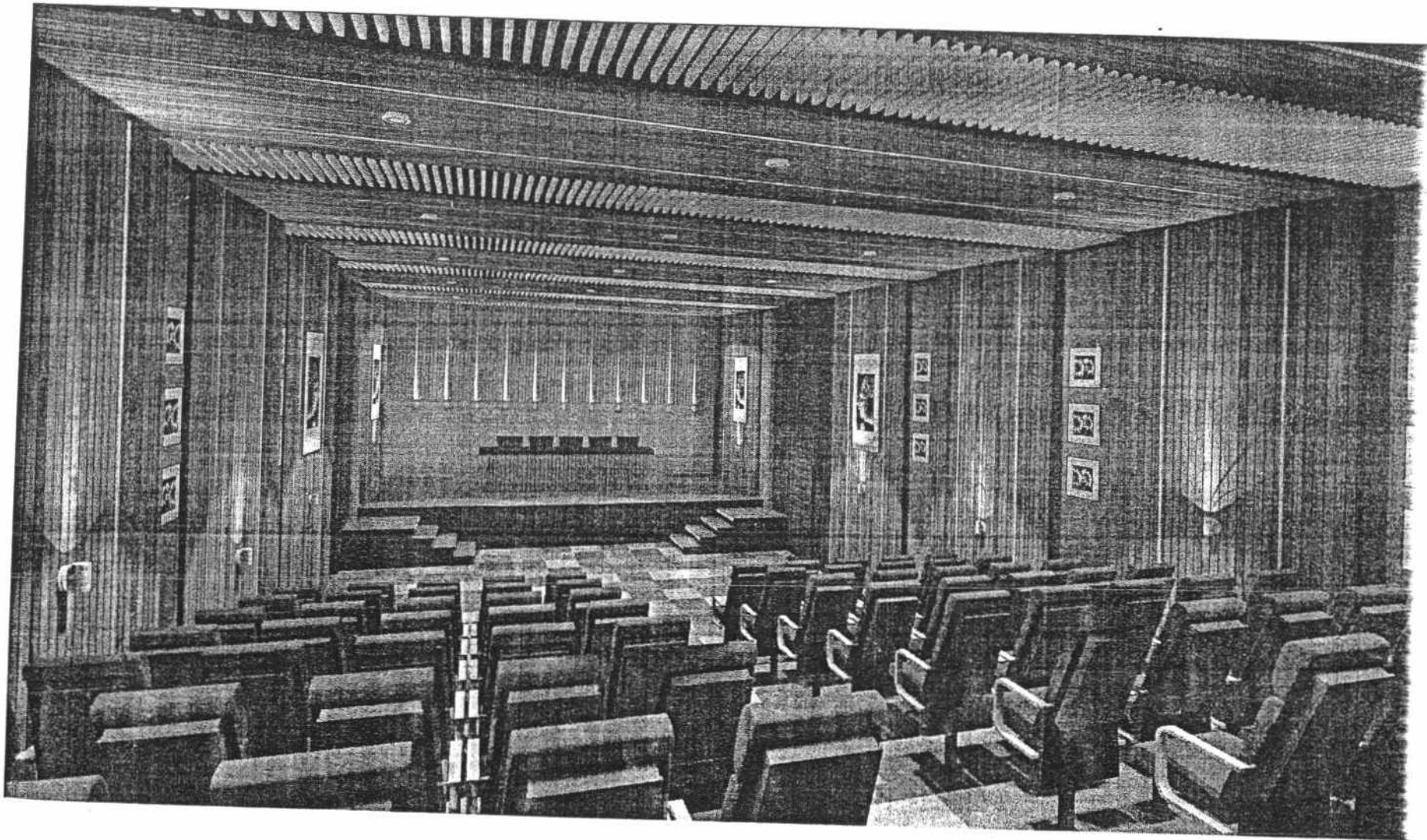
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