



**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 #	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), 11th Zamzama Street (Adjacent DL Branch) Clifton, Karachi, during working hours up to 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 asses 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.


(MAZHAR NAWAZ SHAIKH) PSP,
Deputy Inspector General of Police
Traffic Licensing & Training
Karachi.
Ph: 021-99250521



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

**ANNUAL PROCUREMENT PLAN
(WORKS, GOODS & SERVICE)
Financial year: 2016-2017**

S. #	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated Total Cost	Funds allocated	Source of funds (ADP/Non ADP)	Proposed procurement method	Timing of Procurements				Remarks
								1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	
01	Repair and Renovation work of Saleem Wahidi Auditorium and other offices of Traffic Branch L&T Karachi.	N/A	N/A	40 Million	40 Million	N/A						


(MAZHAR/NAWAZ SHAIKH) PSP,
Deputy Inspector General of Police,
Traffic (L&T) Sindh,
Karachi.



GOVERNMENT OF SINDH
POLICE DEPARTMENT

No. G-I/ 941 /2016/Karachi

Dated 02.09.2016.

ORDER

SUBJECT:- COMMITTEES FOR THE REPAIR & RENOVATION WORK AT D.L. BRANCHES IN KARACHI & SALEEM VAHIDY AUDITORIUM AT D.L. BRANCH CLIFTON KARACHI FOR THE YEAR 2016-17

The following Committees are hereby constituted for the repair & renovation work at D.L. Branches in Karachi & Saleem Vahidy Auditorium at D.L. Branch Clifton Karachi for the year 2016-17:-

i) Procurement Committee

1. DIGP/Traffic (L&T) Karachi (Chairman)
2. DSP/Admin Traffic (L&T) Karachi (Secretary)
3. Asstt: Engineer, CPO, Sindh, Karachi (Member)
4. Rep. of Education Works Department, Government of Sindh, Karachi (Member)
5. Rep. of Home Department, Sindh (Member)

ii) Inspection Committee

1. AIGP/Establishment, CPO, Sindh, Karachi (Chairman)
2. DSP/D.L. Branch Nazimabad Karachi (Secretary)
3. Asstt: Director (Development), CPO, Sindh, Karachi (Member)
4. Rep. of Works & Services Department, Government of Sindh, Karachi (Member)
5. Rep. of Home Department, Sindh, (Member)

iii) Redressal of Grievance & Settlement of Disputes Committee

1. Addl.IGP/Traffic Sindh Karachi (Chairman)
2. AIGP/Logistics, CPO, Sindh, Karachi (Secretary)
3. DSP/D.L. Branch Korangi, Karachi (Member)
4. Rep. of Accountant General, Sindh (Member)
5. Rep. of Sindh Technical Education & Vocational Training Authority (STEVTA), Karachi (Member)

Sd/-
INSPECTOR GENERAL OF POLICE,
SINDH, KARACHI.

Copy to following for information:-

1. Secretary Home Department, Govt: of Sindh, for nominating of representative.
2. Secretary Works & Services Department, Govt: of Sindh, for nominating of representative.
3. Secretary Education Department Government of Sindh, Karachi for nominating of representative.
4. Accountant General, Sindh for nominating of representative.
5. Addl:IGP/Traffic Sindh, Karachi.
6. Managing Director Sindh Technical Education & Vocational Training Authority, Sindh for nominating of representative
7. DIGP/Traffic (L&T) Karachi.
8. AIGP/Establishment, CPO, Sindh, Karachi
9. DSP/Admin Traffic (L&T) Karachi
10. DSP/D.L. Branch Nazimabad Karachi
11. DSP/D.L. Branch Korangi, Karachi
12. Asstt: Director (Development), CPO, Sindh, Karachi
13. Assistant Engineer CPO, Sindh, Karachi.
14. PS to IGP Sindh.
15. PS to DIGP/HQ. Sindh.

AIGP/Logistics,
For Inspector General of Police,
Sindh Karachi.

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

To,

M/S. _____

GR No.

Date:

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

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

1. Name of firm _____
2. Address _____
3. Full name of bidder
With CNIC#, Address
Phone Landline/Cell. _____
4. Person/representation to whom contact with
CNIC No. Landline/Cell No. _____
5. NTN Number _____
6. Category of Registration
with limit _____
7. Validation of Registration _____
8. Schedule "B" form may be
attached. _____
9. Cost of work _____
10. Earnest Money _____
11. Pay order No & Date _____
12. Name of Bank with Branch Code _____
13. Signature & Seal _____
14. **NOTE.** The above work of Repair & Renovation would be done subject to availability of fund.


(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 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 ½" 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 ¼" 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 ½" 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 nd & 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
Total:					10034119
Add 10% above on item No: 03					422314
Total:					10456433/=

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	

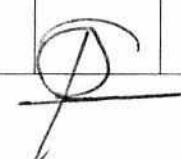


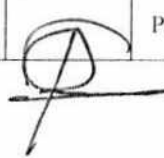
2.	The Contractor shall install maintain and operate a system wells, trenches and pumps as required to perform the excavations for the areas and subsequent construction of the structures and placement of back fill in the dry. All excavations shall be dewatered and kept free of standing water, complete in all respect as directed by the Consultant (Pump)	2		P/Day	
3.	Earth filling with offsite material (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		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) ½" 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) ¾" 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 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		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 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		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 & 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 & 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.</p>	232		P/Sft	
20.	<p>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.</p>	3620		P/Sft	
21.	<p>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.</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 & 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.</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 & 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 & 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.</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, 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		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 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		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 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		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, 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 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 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 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		P/Sft	
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		P/Sft	
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		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 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		P/Rft	
				Total:	



Sr. No.	Particulars	Qty.	Unit	Rate Rs.	Amount Rs.
FURNITURE WORKS					
A	Sofa & Chair				
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		
ii	C2 - Auditorium Chair	120.00	No		
c	Providing, making and fixing, as per detail, drawing and standard specification as approved				
3- Seater Sofa					
i	ES1	2.00	No		



Total of 'A'				
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S.No.	Description	Unit	Qty.	Rate	Amount
1.0	LIGHTING FIXTURES				
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		
				TOTAL Rs.	
2.0	FIRE ALARM SYSTEM				
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		
				TOTAL Rs.	
3.0	CCTV SYSTEM				
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 to DVR. Complete with all mounting accessories.	Mtr.	90		
3.5	Supply, installation and connection of 3C-1.5mm ² 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		
				TOTAL Rs.	
4.0	SOUND SYSTEM				
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.				



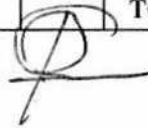
S.No.	Description	Unit	Qty.	Rate	Amount
a)	Supply & installation of mixer amplifier of 120w upto 1 microphone and 1 line level inputs.	No.	1		
b)	Column type speaker rated input 30w shall have a SPL of 94dB at 1 w/m 7khz and a coverage angle of 180°.	Nos.	12		
c)	Interconnects, connectors, cables.	Lot.	1		
4.2	Speakers wiring with 3C-2.5mm ² 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		
				TOTAL Rs.	
5.0	LIGHT, FAN, SOCKET WIRING				
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		
				TOTAL Rs.	
6.0	L V SWITCHGEAR				

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		
				TOTAL Rs.	
7.0	MAIN/SUB-MAIN CABLES				
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		
	Note: Actual length of the cable as per site. Contractor has to procure / order the quantity of the cable after site visit.				
				TOTAL Rs.	
8.0	G.I. PULL BOXES / PVC PIPES.				
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		
				TOTAL Rs.	
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		
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		
				TOTAL Rs.	



				LABOUR		MATERIAL		TOTAL
S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
	SECTION - 01, SUPPLY & INSTALLATION OF PLUMBING FIXTURES							
	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					
		Sub Total:						
2	SECTION-02 WATER SUPPLY SYSTEM.							
	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 & instruciton 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, intet/outlet connections, electrical connection with all fixing accessories, complete in all respects as per schedule							
i.	Type WP-01	Set	1					
		Sub Total:						

S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
3	SECTION-03 SOIL, WASTE VENT AND RAIN WATER DRAINAGE SYSTEM 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					
		Sub Total:						
4	SECTION-04 EXTERNAL SEWER & MANHOLES 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.							
		Sub Total:						



S.NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	RATE	AMOUNT	AMOUNT Rs
5	SECTION-06 SUNDRIES 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					
		Sub Total:						




S.NO	DESCRIPTION	QTY	UNIT	MATERIAL		LABOUR		TOTAL
				RATE	AMOUNT	RATE	AMOUNT	AMOUNT
				PKR	PKR	PKR	PKR	PKR
SUPPLY & INSTALLATION OF VRV SYSTEM (Main)								
1	Indoor Units							
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.					
2	Outdoor Units							
	installation, testing and commissioning of VRV Outdoor Unit complete with all accessories.							
	CU-01	1	Nos.					
3	Air Curtain							
	size 4'-6"	1	Nos.					
4	Lifting of Indoors and Outdoors							
		1	Job					
5	Communication and Power Wiring for indoor and outdoor units complete in all respects							
		1	Job					
6	Supply and Installation of Refrigerant Piping, Muller China							
	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 accesories							
	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					
TOTAL COST OF INSTALLATION OF AC UNITS								
GRAND TOTAL								

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 12th 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 SAFDAR SHAIKH)
 Assistant Engineer,
 CPO, Sindh, Karachi.