

NATIONAL BANK OF PAKISTAN
LOGSGISTIC SUPPORT GROUP
HEAD OFFICE
KARACHI
TENDER

Ref NO	DESCRIPTION	UNIT	QTY	RATE		AMOUNT
	DISMANTLING WORKS (where required)					
1	Dismantling and removing of existing masonry walls, False ceiling, tile Flooring/walls, Doors, Windows, Glass work,electrical, plumbing fitting fitting / fixtures, front boudry wall and grills and any other material etc. complete in all respects as per drawings.	%Job	1			
2	Dismantling of R.C.C Wall of strong room and locker room including labor, equipments, scaffolding, throw all dismantled material out of munciple limit with transportation. Dismantled steel and Heavy duty doors handed over to branch. Complete in all respect.	%Sft	50			
	REINFORCEMENT CEMENT CONCRETE 3000 PSI					
3	Provide, mix, place and vibrate reinforcement cement concrete in the volumetrix mix. 1:2:4 using one part of op cement to 2- part of 50 % lawrancepur and 50 % chenab sand and 4-parts of sargodha crush nominal size 3/4" and down mesh with min. cube crushing strength of 3000 psi at 28 days finishing the necked surface and curing etc, including water tight finishing the necked surfaces and curing etc, from work including its sub-sequent removal, complete in all respects as per drawings, specifications and as directed by the Consultant/Engineer.					
	I) R.C.C Walls for Vault.	%Cft	650			
	II) Beam / Lintels etc.	%Cft	50			
4	STEEL REINFORCEMENT					
	P/F Grade 60 steel reinforcement deformed bars at any floor with minimum yield strength of 60000 psi as per ASTM standards A-615, including cost of binding wire of 16-SWG, chairs. (Wastage of bars, Over laps etc. is to be Contractors accounts).	%kgs	1800			
5	BRICK MASONARY WORK					
	Providing and laying Block /brick masonary with 1:4 cement sand mortar in super structure, incluing raking out joints, scaffolding, curing, drilling for walls/ Ramps where required complete in all respects as per drawings, specifications and as directed by the Consultant/Engineer.					
	6" (150 mm) Thick or Above	%Cft	600			
	4" or 4-1/2" (114 mm) Thick	%Sft	250			
6	PLASTER WORK					
	Providing and applying Plaster (thickness and cement / sand ratio as indicate in sub items below) including making edges and corners, curing, scaffolding etc, complete in all respects as per drawings, specifications and as directed by the Consultant/Engineer.					
	12mm Thick in (1:4) on walls	%Sft	1800			
	19mm Thick in 1:3 on stairs soffit / ceiling	%Sft	500			
7	P.C.C (1:4:8) UNDER FLOOR					
	Providing and laying under floor cement concrete of the nominal mixes by volume as indicated, using 1-1/2" down guage stone ballast as coarse aggregate, including formwork and its removal, compacting, curing etc, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Cft	200			
8	P.C.C FLOORING					
	Providing and laying of PCC 1:2:4 under floor using one part ordinary portland cement, four parts of best quality sand and eight parts of crush stone including leveling, compacting, curing and surface finishing a srequired, complete in all respects as per drawing, specifications and as directed by the Engineer.					
	50mm Thick (Rough Finish)	%Sft	1500			
9	PORCELAIN TILES					
	Providing and laying floors of Porcelain tiles 1200mm X 600mm (grit white) 11mm thick of Roka ceram tile imported made (Chaina or equavilent including base mortar (1-1/2" average) thick c.c and matching colour, cement slurry for fixing of tiles, complete in all respects as per drawings, specifications and as directed by the Engineer.	%Sft	2250			
	Providing and layien floors of Porcelain tiles 1200mm X 600mm (Conoliaen Brown) 11mm thick of takceram tile imported made (Chaina or equavilent including base mortar (2-1/2" average) thick c.c and matching colour grouting, cement slurry for fixing of tiles, complete in all respects as per drawings, specifications and as directed by the Engineer.	%Sft	250			
10	GRANITE SKIRTING					

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	Providing and laying Skirting of Porcelain tiles 100mm X 600mm/1200mm (Conoliaen Brown) 11mm thick of takceram tile imported made (Chaina or equavilent including base mortar (2-1/2" average) thick c.c and matching colour grouting, cement slurry for fixing of tiles, complete in all respects as per drawings, specifications and as directed by the Engineer.	%Rft	500			
11	GRANITE ON STAIR AND MAIN ENTRANCE PODIUM					
	Providing and laying 19mm thick pre-polished Cherry Pink Granite / tropical grey Granite on stair threshold floor, wall etc, including base mortar and matching colour, cement slurry for fixing of tiles, complete in all respects as per drawing, specifications and as directed by the Consultan	%Sft	150			
12	GRANITE THRESHOLD					
	Providing and laying 19mm thick pre-polished Cherry Pink Granite / tropical gray Granite on threshold, including base mortar and matching colour, cement slurry for fixing of tiles, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	50			
13	GLASS DOORS (External)					
	Providing and fixing Tempered frame less glass door using 12mm clear glass , imported concealed floor door closers GCC made, door locks,cand approved S.S handles on both sides, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	63			
14	Wooden Frame Glass Door (Internal)					
	Providing and fixing Tempered glass door using 12mm clear glass including top and bottom Solid oak wood H section size 6" x 1.5" finished with NC lacure polish made of Germany , imported concealed floor door closers GCC made, door locks,cand approved handles on both sides, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	84			
15	PORCELAIN TILES ON TOILET WALLS / Floor					
	Providing and laying floors of UAE/ Malysian Porcelain tiles size 600mm x 300mm (as approved or equivalent on walls including base mortar and matching colours, cement slurry for fixing of tiles, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	480			
16	VANITY COUNTER					
	Providing and fixing 19mm thick pre-polished approved Cherry pink/ tropical gray granite on bath and kitchen counters including base mortar with matching colour cement slurry for fixing, grouting and chamfering of edges, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	50			
17	COLUMN CLADDING					
	Providing / fixing of Column Cladding consisting of 11mm thick MDF lassani covered with 5mm thick tactile sheet alnoor 4025 and over stripes design 1" wide made 16mm thick tactile sheet alnoor 4025 or formica design approved by Executive Engineer, and partal wood frame 2"x1-2" c/c 2'-00, including all necessary joinery detail, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	250			
18	WOODEN DOORS					
	Supply of WOODEN DOOR (WD- 1A), made with 38mm thick sandwich chipboard (tactile sheet 4024) with 19mm thick soft wood vertical rail both sides covered with approved, 9mm thick mahagni wood edging, finish with clear NC lacquer polish, including door frame of 16 SWG GI sheet with red oxide coat covered with approved laminate/door boarder and hardwares i-e hinges, imported door lock and door stopper etc, complete with hard ware. And complete with all respect as ner design	%Sft	140			
19	PARTITION					
	Providing and fixing of Glass partition consisting of 12mm thick imported clear tempered glass with frosting paper in pattern as shown on drawings, with approved aluminum H section/ solid oak wooden section 6"x2" thick frame finished with lacure polish approved shade as frame on top and bottom and sides and all necessary joinery details complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	350			

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	Removing and re-fixing of 12mm glass partion including with frosting paper in pattern as shown on drawings, with approved aluminum H section/ solid oak wooden section 2" thick finished with lacure polish approved shade as frame on top and bottom and sides and all necessary joinery details complete in all respects	%Sft	100			
20	FRONT GLAZZING					
	Providing and fixing of Glass Partition consisting of 12mm thick imported clear tempered glass with approved 2mm thick aluminum section (curtain wall) of chawala or equavilent as frame on top and bottom and all necessary joinery details complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	50			
21	Oak Veneer Wooden partition Full Height					
	Providing, fabricating and fixing in position 3" thick MDF wooden partition with 5mm thick oak ply pasted on both side and finish with best quality lacquer polish , wooden partition consisting of partal wood frame of size 2" x 1 1/2" @ 2'C/C both ways and 1/2" thick imported MDF board on both faces including vertical partial wooden supports the cost of all screws, rowel bolts, nails, glue etc. All wood should be termite proof complete in all respect.	%Sft	100			
22	BULK HEAD					
	Providing and making bulkhead using 2" x 2" partal wooden frame @ 2' c/c horizontal and vertical with 3/4" thick imported MDF sheet both side. complete in all respect.	%Sft	200			
23	INTERNALPAINT WORKS					
	Providing and applying Paint on internal/ External walls of ICI or Berger including rubbing with sand stone, filling the uneven surfaces with putty, rubbing with sand paper and preparation of surface perfect in all respects, applying one coat of primer on prepared surface of plastered and finish paint coats as indicated in sub items, complete in all respects as per drawings.					
	Plastic Emulsion Paint ash white (on Internal walls)	%Sft	4000			
	Weather shield paint on external walls (approved by the Engineer)	%Sft	1500			
	Enamel paint	%Sft	500			
	Providing and applying Three coats of ICI deluxe distemper paint for roof/ ceiling after scraping, sand papering, plain surface complete with all material labour, equipment scaffolding etc As per entire satisfaction of Regional Engineer/ Engineer Incharge.	%Sft	500			
24	Wooden CABINETS (Record Room)					
	P/fixing of wooden filling cabinets low and full height at any height made with 16mm MDF laminated 4025 with edging made of laminated 4025 veneer properly fixed and Internal carcass in 16mm thick lamination chipboard # 7056 , includindg approved handles, hings and shelf approved drawing and design. Complete in all respect. (Size upto 4'x8' approx.)	%Nos.	13			
25	Wooden CABINETS (Banking Hall)					
	P/fixing of wooden filling cabinets low and full height at any height made with 16mm MDF laminated 4024 tactile sheet with edging made of laminated tactile sheet veneer properly fixed and Internal carcass in 16mm thick lamination chipboard # 7056 , includindg approved handles, hings and shelf approved drawing and design. Complete in all respect. (Size upto 4'x8' approx.)	%Nos.	4			
26	KITCHEN CABINETS					
	P/fixing of wooden filling cabinets low and full height at any height made with 16mm MDF laminated 7419 with edging made of laminated 7419 veneer properly fixed and Internal carcass in 16mm thick lamination chipboard # 7056 , includindg approved handles, hings and shelf approved drawing and design. Complete in all respect. (Size upto 2.5'x6' approx.)	%Nos.	1			
27	GYPSUM SHEET FALSE CEILING					
	Providing and fixing 12mm thick gypsum sheet False ceiling and cutt / double punch ceiling with vertical sides/ strips approved design by Executive Engineer, finished with ICI paint including hanging system, making opening for lights or diffuser, with proper suspension system complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer. (straight measurement will be taken).	%Sft	1200			
28	FALSE CEILING					
	Providing and fixing 7.5mm thick Lamination gypsum tile 600mm x 600mm False including hanging system(Groove), making opening for lights or diffuser complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	1300			

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29	CORNICE					
	Providing and fixing 11mm thick and 75mm high MDF Cornice tactile sheet architrave on wall and applying of approved paint, including joinery detail complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Rft	600			
30	BLINDS					
	Providing and fixing imported sunthetic fibre roller Blinds according to the instructions of the manufacturer, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Sft	100			
31	RAILING					
	Providing and fixing of Stainless steel pipe grade 304 non-magnatic as Railing of 50mm dia Top and 40mm stainless vertical pipe as blustrade, 12mm dia stainless steel horizontal pipe 3 nos including all necessary joinery details and applying of approved paint complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	%Rft	80			
32	Front Elevation					
	Front tiles					
	Providing and laying floors of Porcelain tiles 1800mm X 300mm 11mm thick of Ocean tile artical %Nos. OCM3920016A and OCM 390016B (Light & Dark) imported made or equavilent including base mortar 1-1/2" thick c.c and matching colour, cement slurry for fixing of tiles, complete in all respects as per drawings, specifications and as directed by the Engineer.	%Sft	430			
	Wooden Texured Tile					
	P/L wooden textured porcelain tile 300mm x 1200mm made of malaysian tile approved imported porcelain tile flooring or equivalent of desired color and shade over existing flooring using dry bond mortar, including joint filling with approved matching color chemical, cutting tiles where required etc, complete in all respect.	%Sft	250			
33	ALUMINUM WINDOWS					
	Providing and fixing full glazed Anodized Aluminum Bonze windows/ Ventilator made of Pakistan cable or equivalent (Sliding/ Fixed) of approved manufacturer using Deluxe quality 2mm thick 4" wide extruded section, glazed with distortion free 6mm thick imported tinted glass with fly screen having best quality mesh and aluminum section including all hardware, handles , PVC/ruber gasket and sealent complete in all respect	%Sft	50			
34	SAFETY GRILL					
	Providing/ fabricating & fixing mild steel protective grills to windows made up from steel section of 16mm x 16mm square bar at 6" c/c vertically and 8" c/c horizontally and M.S Flat 1 ½" X3/8" frame (as per sketch) including 3 coats of approved shade of ICI Burger Enamel paint 3 copats over a coat of red lead oxide etc. complete as directed by Engineer Incharge.	%Sft	100			
35	collapsible doors					
	Providing fabricating & fixing at any floor, steel grill collapsible doors with louver made of standard M.S Channel ¾"x1/8" M.S Flat ¾"x1/4" including roller of T-Iron rail 1 ½" x1 ½"x ½" with all hangers, bearing box, tracks, guide channel pull handles locking arrangement, and vertical louvers making good all cut work etc finished with 3 coats of enamel paint to requisite shade over red lead primer, complete in all respect as per specification or as directed by the Engineer Incharge	%Sft	96			
	STEEL DOOR FOR ATM, GUARD ROOM & EMERGENCY EXIT					
36						
	Providing and fixing of M.S steel sheet 14SWG on both sides and M.S pipe frame 16SWG frame at inner side of leaf, door frane of M.S angle Iron+M.S dtrip, applying of approved enamel paint and all necessary joinery details, complete in all respect.	%Sft	21			
37	WALL CLADDING					
	Providing and fixing of wall cladding with 17mm thick approved design and shade laminated tectile sheet # 4025 made by alnoor or equivalent with partial wood frame size 2"x1" at 2' C/C, having vertical stripes 1" wide x 3/4" thick @ 1" c/c spacing finished with maching color lipping best quality. complete in all respect as per specification or as directed by the Engineer Incharge.	%Sft	250			
38	CASH COUNTER					

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	Teller Counter made of MDF lassani sheet best quality imported. Working top made of MDF Sheed thickness 1-1/2" standard pressed pasted with approved paper / laminated sheet %Nos. 6020 front and customer top made of corian approved shade and design, customer top having stainless steel tray. Including 12mm clear glass with stainless steel clips supported in 2" thick vertical post laminated with imported tactile sheet 4025 and entire front of counter cover with Corian duepont or equivalent imported quality approved design and shade directed by Executive Engineer . wooden haging beam with wooden strips in top and bottom as per drawing, three coats of matt finish paint on end supports . counter sepration partion made of tactile 4024 alnoor laminated 1-1/2" thick approved color. complete in all respect as per approved sample on head office. Size(mm): W:1200 x D:1813 x H:2440 Exclusive Drawer Pedestsl.	%Rft	16			
39	wooden drawer					
	Providing wooden drawer unit with white formica (size 18"X 17" X 22") having 3 drawers and imported handle running on imported rail with central locking arrangement etc complete as per entire satisfaction of Engineer Incharge.	%Nos.	4			
40	ROOF SCREEDING					
	P/Applying water proofing on roof top with best quality water proofing agents made of AL-noor Epoxy/ECO proofing CWP or equivalent over 2-1/2" thick avg: cement concrete layer mix ratio of 1:2:4 with laveling and proper finishing with curing to control seepage / ingrence in concrete / cementiouse etc. complete in all respect.	%Sft	850			
41	TERMITE PROOFING					
	P/A Termite proofing and rat killer spry or chemicals best quality imported approved before application inside Branch/warehouse/ Rooms with warrenty certificate providev with invoice/ bill etc. Complete in all respect.	%Job	1			
42	P/F of hydraulic door closer best quality imported etc. Complete in all respect.	%Each	4			
43	TUFF TILES					
	Providing and laying of Tough Tiles size 1 ft X 1ft X 2 Inch thick, reinforced with wire mesh in approved colour over 2" thick p.c.c avg: and grouting in cement complete in all respect.	%Sft	300			
44	WOODEN FALSE CEILING					
	P/F of wooden False Ceiling at required level with MDF lassani sheet imported quality, partial wooden frame internal side of false ceiling size (2"x1-1/2") & (3"x1-1/2") with supports and MS angle supports with appropriate size and ceiling surface finish with veneer imported quality approved design by Executive Engineer, including Lacquire polish ICI made in Germany including labor, material and transportation etc. Complete in all respect.	%Sft	150			
45	FIBER GLASS SHED					
	P/F of fiber glass canopy 3mm thick best quality approved shade with MS 2" dia pipe vetical round post with foundation mix ratio of 1:2:4 having size of 1-'00x1'-00 and 2'-00 depth of footing, and 11/2"x11/2" frame with 1"x1" with coat of red oxide and three coat of enamel paint ICI Delux etc. Complete in all respect as per entire satisfaction.	%Sft	150			
46	Logo / Theme Wall					
	Logo wall at Reception made of chipboard with oak veneer pressed under 100 -150 kg/cm2 of air pressure and 60 CO of temperature with softwood framing inside. Including complete joinery details. Complete in all respects as per drawing and specifications. Size (mm): W: 2590 x T: 75 x H: 2440	%Job	1			
47	Roof Marble					
	P/L 1/2" thick boticena marble approved quality at roof top for water proofing with avg: 2" thick c.c with cement slurry, including marblish griding and polish with machine finaly finish with mension polish best quality imported complete in all respect.	%Sft	2350			
48	Main Hole					
	Construction of Main Holes made with block masonry size 2'-0" x 2'-0" x 2ft deep including excavation lying plaster inside provision of holes to connect pipe line with curing etc. complete with P/F main hole cover made of cast iron or pre-cast concrete.	Each	2			
49	Water Proofing Basement					
	Water Proofing in Floor to stop seepage with cutting floor, grouting using Eco-shield Epoxy PU Sealant Different places in basement etc. complete in all respect.	%Sft	200			
50	BITUMEN STRONG ROOM					

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	Providing and Laying bitumen in a sold coat using in strong area with approved grade etc i/c repairing the walls using Ultra bond etc. as per entire specification of Engineer Incharge.	%Sft	350			
51	Aluminum louver shutter					
	P/Fixing Aluminum Louvers shutters below wash basin & sink with Aluminum frame 2mm thick 4" wide extruded section including fixing Aluminum louver shutter with handle, locks etc. complete in all respect as directed by the Engineer Incharge	%Sft	20			
52	CONCRETE PAVER					
	Providing and laying of pavers size 4"x8" having 3" thick best quality made of envicrete/ hub crete or equivalent with sand cushion approved colour over 2" thick p.c.c avg: and grouting in cement complete in all respect.	%Sft	600			
53	Wooden Pelmet					
	P/F of wooden pelmet made of MDF lassani 1'-6" wide and 4" high with partial wooden frame internal structure size 2"x1-1/2" covered with MDF lassani 1/2" thick with holes light holes and apply three coats of mattfinish paint etc. Complete in all respect etc.	%Rft	400			
	Providing and Fixing of partition in Staff area having partition having best quality febric on partition wall with tempered glass 12mm thick fixed on partition with S.S u Clips use best quality imported febric on both side approved quality with moalty flex including oak wood franming 1" and 4" high finish with NC lacure polish as per drawing or as directed by Consultant / Engineer etc. Complete in all respect.	%Sft	70			
54	WOODEN RAFTER					
	Providing & fixing wooden rafter in 1/2" thick lassani & laying oak wood ply / 16mm thick tactile alnoor MDF sheet 4" x 6" under lassani ceiling finished with matt finish paint with rafters finished with approved shade of lacquer polish best quality imported etc. complete in all respect. In Entrance lobby	%Sft	100			
	Providing and fixing of Glass Partition consisting of 12mm thick imported clear tempered glass with imported GCC fittings of required design and including all hardware, %Job complete in all respects.	%Sft	50			
	Providing & fixing wooden rafters vertical posts up to ceiling in waiting area/ staff area, rafters made of MDF Tactile sheet 4025 alnoor made or in 1/2" thick lassani box with partial wooden framing & laying oak wood ply size 4" x 12" with laying lacure polish finish or rafters and back sheet made with laminated tactile sheet etc. complete in all respect.	%Rft	100			
	Providing SS Trash bin of approved size and shape, complete in all respects	%Nos.	5			
55	3D -VIEW DESIGN/DRAWINGS					
	To Prepare & Submit colored 3D - view design/drawings of the exterior and interior of the project in both Hard & soft copy form, based on the approved Layout Plan of the project & Standard materials been specified in the BOQ of the same. The design should consists of and not limited to the Elevation of the branch, False Ceiling design, Floor Design, Column & Wall Cladding design , over all general view of the interior of the branch, Washroom & Kitchen design etc. The submitted 3D -view design / drawings shall require to be reviewed and approved by the NBP's Engineering Staff and if advised necessary revisions shall be incorporated till the designs / drawing are approved"	%Job	1			

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56	Supply and installation i/c transportation of standard strong room / locker room door of size 7' x 4' x 11", the main frame should be of 9mm thickness angle or U-channel and 6mm thickness main shutter a composite of outer 6mm and inner 3mm. The space between outer and inner sheet should be filled with fire proof material, tale and alum crystals. The outer 6mm plate is reinforced with 3mm thick anti-torch material plate in the locking regions. The lock area should be protected with 1/8x27x30 inch copper sheet. Thickness of door slab is 2". Locking box wall made of wide 4" M.S sheet plate covered with 3mm BS sheet two brass locks with triple control locking system. Hinges made from 2-1/2" dia solid steel bars 9" in length & 12" long 4" wide flat bars with all bearings. Locking system triple control 2 way locking system. Made of 2.5" x 2.5" x 6mm angle iron 2-1/2" long 1-1/2" steel shooting bolts fixed on it with total no 11 bolts 6 at front & 5 at rear. Grill door, main frame and 08 %Nos. supporting strips should be of ½" M.S Plates with 6/8" solid rounds bars 13-14 at brass locks with master control keys operation with grill door i/c exact alignment, plumb, welding. Placement of strong room door in vertical position in the opening of the strong room with chain kopi and welding of the the angle bars with steel bars	%Nos.	2			
	PLUMBING WORKS					
	SECTION-01, SUPPLY & INSTALLATION OF PLUMBING FIXTURES					
57	Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications of Consultant.					
	European style W.C. floor mounted type, with seat cover, flush tank, cover plate floor mounted brackets with fixing accessories.					
	Type - EWC	%Nos.	1			
58	P/F ORISA type W.C Manufactured by Master / PORTA Ceramic or equivalent approved quality with integral tread 19" clear opening as measured between flushing rims, C.I. Trap 4" dia Gallons capacity low level flushing cistern of same manufacturers making good in cement concrete (1:2:4) complete.	%Nos.	1			
59	European style W.C. wall hung type, with seat cover, flush tank, cover plate floor mounted brackets with fixing accessories.					
	Type - EWC-WH	%Nos.	1			
60	Toilet Hand Spray with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect.					
	Type - TS	%Nos.	3			
61	Wash basin (WB) porta including bottle trap, waste, stop cocks, etc.					
	Type - WB	%Nos.	1			
	Type - WB - V (Vanity)	%Nos.	2			
	Wash basin hot and cold water mixer, etc.					
	Type - WB	%Nos.	3			
62	Stainless steel kitchen sink including stop cocks, P-trap / Bottle trap, waste pipe etc complete in all respects.					
	SK - 1, 40" x 20" single bowl and single drainer.	%Nos.	1			
	Sink hot and cold water mixer etc.					
	For SK - I	%Nos.	1			
	Toilet accessories complete set.					
	Soap Dispenser	%Nos.	3			
	Towel Rod	%Nos.	2			
	Paper Holder	%Nos.	3			
	Coat Hooks	%Nos.	3			
	P/F Looking Mirror best quality balgium made fixed with clips complete in all respect and size as per site requirement	%Sft	30			
	SECTION-02 WATER SUPPLY SYSTEM					
63	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.					
	Polypropylene Random PP-R pipes PN 20 and fittings with fusion jointing along with 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.					
	Dia. OD 25 mm (also for A.C Drainage)	%Rft	120			
	Dia. OD 32 mm (also for A.C Drainage)	%Rft	250			
	Same as above item 2.1 but polypropylene Random PP-R (PN-25) reinforced with Aluminum foil for hot water.					
	Dia. OD 25 mm	%Rft	100			
	Dia. OD 32 mm	%Rft	50			

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	Providing & fixing joining testing G.I. pipe lines for water supply as per BS 1387 medium quality IIL. Including specials sockets tee, elbow, bedn, reducer plug and union etc) supported on walls suspended from roof slab, including protective coating as per drawing and specification including color coding complete in all respect.					
	Dia. 1-1/2"	%Rft	150			
	Brass body gate valves / ball valves with unions.					
	Size 3/4"	%Nos.	2			
	Size 1"	%Nos.	2			
	C.I. Cover with frame for under ground tank & over head tank.					
	Goose neck for O/H tank					
	Dia 4"	%Nos.	1			
	Supply and Installation of hot water storage heater (Electric) suitable for 60 psi working pressure including thermostate, inlet/outlet connection . Pressure relief valve.					
	HWE-10 (10 Gal. storage Capacity)	%Nos.	1			
	HWE-20 (20 Gal. storage Capacity)	%Nos.				
	Water transer pum with electric motor including C.C foundation, inlet outlet connections , valve, unions , flexible rubber connector, pressure gauge, electrical connection with all fixing accessories, water proof electrical connection with all fixing accessories, water proof electrical panel with pump starter automatic filling control system for (U/G and O/H) tanks low and high level , auto stop with overflow, complete in all respects ready to opereate.					
	WP-01 42 gpm 50 feet head	%Nos.	1			
	SECTION-03 SOIL, WASTEVENT AND RAIN WATER DRAINAGE SYSTEM					
64	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 instructions of Consultant.					
	UPVC pipes of approved make along with specials, fittings bends wye, tees sockets , sleeves, masking plates, chiseling , making hole excavation, backfilling making good where as required jointing with rubber ring seal.					
	Dia 1-1/2"	%Rft	50			
	Dia 4"	%Rft	120			
	Floor trap including S.S grating floor trap, inlet outlet connection complete in all respects.					
	FT- with 4" P - trap	%Nos.	4			
	UPVC rain water grating of approved design with dome type grating including requisite number of holes in wall plinth or floor for pipe connection and making good the same as necessary to the structure complete including gasket and clamp complete.					
	RWG - 4" size	%Nos.	8			
	SECTION-04 EXTERNAL SEWER & MANHOLES					
65	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 instructions of Consultant.					
	UPVC pipe class "D" for Sewer drainage with push fit rubber joints including excavation in any type of soi, dewatering if required bedding, back filling with selected material, removing of extra materials..					
	Dia 6" size	%Rft	50			
	Dia 8" size	%Rft	20			
	Construciton of manholes with material including, excavation, base top RCC slab CI cover with frame, GI steps, CC benching water proof internal plaster inlet/outlet connections etc.					
	size 18" x 18 "	%Nos.	2			
	Wiring Works					
	Description	Unit	Qty			
	Electrical Wiring					
66	Supply, laying, connection and testing of following wiring types; in heavy duty PVC Conduit recessed in walls, columns, slabs, floors or fixed at Ceiling above false ceiling or in Dura duct if exposed on walls, with all necessary fixing accessories, conduit/duct accessories, pull boxes, steel pull wires complete in all respects, required as per site conditions. with make/brand of material being specified in Annexure A. (PVC insulated Copper - 300/500 Volt Grade Wires to be used)					
	Circuit Wiring (For Switchboard/Light Plug etc.)					

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67	From DB to Switch Board or 2/3 pin Light Plug (5/10/13A) to be wired with 2x2.5 sq.mm S/C wires and 1 X 2.5 sq.mm S/C wire of Green/Yellow Colour as Circuit Protective Conductor (CPC) in 25 mm dia. heavy duty PVC conduit Each circuit shall have independent CPC. Maximum wiring of 2 light circuits can be pulled through 25 mm dia. PVC conduit.	%Nos.	15			
68	Switch Board to Switch Board OR Switch Board to Light plug etc. Circuit Wiring					
	Same as item %Nos. A-1-1 (a) but from point to point i.e. Switchboard to Switchboard/Light Plug or Light Plug to Light Plug. (Side by Side or Back to Back Wiring points will not be payable and will be considered to be included in item %Nos. A-1-1 (a)	%Nos.	30			
69	Strong & Locker Rooms Wiring Circuit					
	Same as item No A-1-1 (a) but including 40/.076 Cable with 20 A Switch Socket Outlet (SSO), back box etc. for connection to Switchboard in Strong & Locker Rooms complete with connections in all respects.	%Nos.	1			
70	Point Wiring (Light/Fan etc.)					
	From Switchboard to 1st Point (Light/Fan) with 1 x 1.5 sq.mm S/C wire from Piano Switch and 1 x 2.5 sq.mm wire common neutral including i/c P/F 10A Piano Switch in 20 mm dia. heavy duty PVC conduit, recessed in walls, columns, slabs, floors or fixed at Ceiling above false ceiling with all necessary fixing accessories, conduit accessories, 75 mm high PVC junction boxes, pull boxes, steel pull wires, connectors, M.S. sheet steel switch box 16 SWG with earth terminal with 2 coats of powder coating of orange colour, M.S. box shall be of the same size as that of 1, 2 or 3 upto 6 gangs flush type plate switches complete in all respects, required as per site conditions. (In case of point wiring at Ceiling, 2 X 1.5 sq.mm wires in Flexible Conduit from junction box equiped with PVC gland to light/fan fixture, will also have to be provided). Maximum wiring of 6 points (light/fan) can be pulled through 20 mm dia. PVC conduit.	%Nos.	15			
71	Point to Point Wiring (Light/Fan etc.)					
	Same as item %Nos. A-1-2 (a) but from Point to Point and without including cost of Switch and M.S. sheet steel switch box 16 SW. (Maximum of 05 points can be connected with 1st Point)	%Nos.	30			
72	Wiring Circuit for 1 x 13/15/16 A Simplex/Duplex - Switch Socket Outlet (SSO) installed at Wall/Workstation/Floor Box etc. or any other purpose.					
	From DB to SSO with 2 x 2.5 sq.mm S/C wire + 1 x 2.5 sq.mm S/C wire of Green/Yellow Colour as Circuit Protective Conductor (CPC) in 25 mm dia. heavy duty PVC conduit, recessed in walls, columns, slabs, floors or fixed at Ceiling above false ceiling with all necessary fixing accessories, conduit accessories, pull boxes, steel pull wires complete in all respects, required as per site conditions. Each circuit shall have independent CPC. (Maximum wiring of 3 circuits can be pulled through 25 mm dia. PVC conduit).	%Nos.	15			
	Same as item %Nos. A-1-3 (a) (i), but from Point to Point i.e. 1st SSO to 2nd SSO and onwards. (Side by Side or Back to Back Wiring points will not be payable and will be considered to be included in item %Nos. A-1-3 (a) (i) (Maximum of 03 SSO can be connected with 1st SSO).	%Nos.	30			
73	Wiring Circuit for 1 x 20 A Switch Socket Outlet (SSO) for AC connection or any other purpose					
	From DB to SSO with 2 x 4.0 sq.mm S/C wire + 1 x 2.5 sq.mm S/C wire of Green/Yellow Colour as Circuit Protective Conductor (CPC) in 25 mm dia. heavy duty PVC conduit, recessed in walls, columns, slabs, floors or fixed at Ceiling above false ceiling with all necessary fixing accessories, conduit accessories, pull boxes, steel pull wires complete in all respects, required as per site conditions. Each circuit shall have independent CPC. (Maximum wiring of 2 circuits can be pulled through 25 mm dia. PVC conduit).	%Nos.	15			
74	Wiring for Industrial Sockets for UPS Connections					
	From UPS DB to Branch UPS I/O Connections (two connections) with 1 x 6.0 sq.mm 3 Core wire in 25 mm dia. heavy duty PVC conduit or PVC Dura duct (appropriate size), with all necessary fixing accessories, complete in all respects, required as per site conditions.	%Rft.	50			
	From ATM DB/Branch UPS DB/Branch UPS to ATM UPS I/O Connections (two connections) with 1 x 4.0 sq.mm 3 Core PVC/PVC insulated wire in 20 mm dia. heavy duty PVC conduit or PVC Dura duct (appropriate size), with all necessary fixing accessories, complete in all respects, required as per site conditions.	%Rft.	50			

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75	Wiring from Main DB to UPS DB or any other purpose.					
	From Main DB to Branch UPS DB with 1 x 6.0 sq.mm 4 Core PVC/PVC insulated wire in 25 mm dia. heavy duty PVC conduit or PVC Dura duct (appropriate size), with all necessary fixing accessories, complete in all respects, required as per site conditions.	%Rft.	50			
	From Main DB to Branch ATM DB with 1 x 6.0 sq.mm 4 Core PVC/PVC insulated wire in 25 mm dia. heavy duty PVC conduit or PVC Dura duct (appropriate size), with all necessary fixing accessories, complete in all respects, required as per site conditions.	%Rft.	50			
76	DATA / VOICE / TV. WIRING					
	Supply, laying, connection and testing of following wiring types; with make/brand of material being specified in Annexure A.					
77	Data points/outlets					
	Wiring for each Data point from Communication Rack (Patch Panel) to each Data point on wall or in M.S floor outlet box with 4 pair Cat. 6E 23 AWG cable in 20 mm dia. heavy duty PVC conduit recessed in walls, columns, slabs, floors or above false ceiling with all necessary fixing accessories as required as per site condition, complete in all respects.	%Nos.	15			
78	Voice points/outlets					
	Wiring for each Voice point from Telephone Junction Box to each telephone point on wall or in M.S floor outlet box or in Data Cabinet/Communication (Wall mounted or Floor Standing) with 4 pair Cat. 6E 23 AWG cable in 20 mm dia. heavy duty PVC conduit recessed in walls, columns, slabs, floors or above false ceiling with all necessary fixing accessories as required as per site condition, complete in all respects.	%Nos.	1			
79	Main Telephone Cable					
	Supply, installation and connection of 10 pair telephone cable to be connected from Utility MDF to Telephone Junction Box (TJB) in 25 mm dia PVC conduit including cost of identification tags, all necessary material / accessories complete in all respects. Actual length of cables to be installed shall be practically measured at site by the Contractor, duly checked by Engineer In charge.	%Rft.	150			
80	TV Point Wiring					
	Wiring for wall mounted TV outlets wired with RG-6 / RG-7 cable or as directed by the Engineer from TV Cable Splitter/distribution to each TV point, including 20 mm dia. heavy duty PVC conduit, recessed in walls, floors, column or as required as per site conditions, all PVC conduit accessories, pull boxes, steel wires etc. complete in all respects.	%Nos.	2			
	MAIN / SUB MAIN CABLES					
81	ELECTRICAL LT CABLING					
	P/L, connection, testing and commissioning of PVC insulated PVC sheathed non armored copper conductor power cable 600 / 1000 Volt grade manufactured by any one of the manufacturers as mentioned in Annexure A. The cable would be recessed in walls, columns, slabs, floors or fixed at Ceiling above false ceiling with all necessary fixing accessories either in already laid PVC Conduit/Dura duct or otherwise openly laid complete in all respects, required as per site conditions. And approval of Engineer In charge including cost of all necessary materials, connections of cables and identification tags at both ends, cables lugs properly crimped at both ends for the following sizes. Actual length of cables to be laid shall be practically measured at site by the Contractor, duly authenticated by the Electrical Engineer / Engineer In charge / Supervisor before placing the order with the manufacturer, however, approximate length of cables are shown herewith. Payments shall be made as per actual length laid					
	4 Core 16 sq.mm	%Rft..	70			
	4 Core 25 sq.mm	%Rft..	70			
82	FITTINGS, FIXTURES & ACCESSORIES					
	Supply, Installation, testing and commissioning of following fittings/fixtures as per specified brand/make given in Annexure "A" recessed in or on wall / ceiling / column etc. complete in all respects, duly approved by Engineer In charge prior to installation.					
83	Lights					
	(The temperature / Colour Index to be got confirmed from Site Engineer before installation)					
	Ceiling/Surface mounted ICE LED Panel Light - 20 to 22 Watt (Warm White) 6 Inch Dia, recessed in False ceiling.	%Nos.	40			

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	Ceiling/Surface mounted ICE LED Spot Light - 7/8W - 7-8 mm dia (Warm White) recessed in False Ceiling	%Nos.	40			
	SMD LED 100 Watt for Parking area with Metal Pole for mounting, Weather proof (IP 68 etc standard).	%Nos.	3			
	Fans					
	False Ceiling Fan 14/16 " sweep, Size(2'X2')	%Nos.	10			
	Ceiling Fan 56" sweep, complete with capacitor, hanging rod, canopy, blades, ceiling hook, dimmers nuts and bolts etc.	%Nos.	0			
	Wall Bracket Fan 18" sweep - Metal Body.	%Nos.	10			
	Exhaust Fan 12" sweep.	%Nos.	3			
84	Power Socket					
	Switch Socket Outlet					
	Following SSO complete with back box i.e. M.S. box, made of 16 SWG sheet steel with earth terminal having 2 coats of powder coating of orange color, M.S. box shall be of the same size as that of SSO.					
	10/13 - 3 Pin round type SSO (for General Use)	%Nos.	10			
	13A Duplex SSO - 3 Pin Flat type / Universal type (for UPS Power)	%Nos.	10			
	13A Simplex SSO (for Normal Power)	%Nos.	10			
	15/16A Simplex SSO - Round Pin or Multi type (for AC or General Purpose)	%Nos.	8			
	Simplex SSO - Round Pin or Multi type 20A Rating	%Nos.	10			
85	Industrial Sockets					
	Following Industrial Socket Unit (Male & Female Complete Set) complete with back box i.e. M.S. box, made of 16 SWG sheet steel with earth terminal having 2 coats of powder coating of orange colour.					
	16 A, 3 Pin	%Nos.	2			
	32 A 3 Pin	%Nos.	2			
86	Technology Box					
	Fabrication, supply and installation of Technological Box i.e. M.S Box made of M.S 16 SWG duly painted initially with Red Oxide and finally with approved Colour of appropriate size suitable for fixation of following number of Switch Socket Outlets / Face Plates etc. having holes for passage of outgoing cables, rubber, gourmet, earthing terminal, and partition made of backlite. (The cost of SSOs or Face Plates not to be included)					
	Four %Nos. Outlets	%Nos.	10			
	Five %Nos. Outlets	%Nos.	5			
87	Data / Voice Fixtures					
	Face Plates with I/Os					
	Following Face Plates white/off white finish, complete with shuttered Click-ins, labels and all accessories including back box i.e. M.S. box, made of 16 SWG sheet steel having 2 coats of powder coating of orange colour. M.S. box shall be of the same size as that of Face Plate.					
	Dual Face Plate with I/Os (1 x RJ45 and 1 x RJ11)	%Nos.	10			
	Quad Face Plate with I/Os (2 x RJ45 and 2 x RJ11)	%Nos.	2			
	Dual Face Plate with I/Os (2 x RJ45)	%Nos.	2			
	Simplex Face Plate with RG-6 / RG-7 Connector for TV Cable	%Nos.	2			
88	Supply of Patch / Drop Cords					
	Factory tested (imported) Cords of Cat6 - 23 AWG Cable of following sizes					
	01 meter Patch Cord	%Nos.	10			
	03 meter Drop Cord	%Nos.	10			
89	Racks And Panels					
	19" Rack for Data Communication					
	Supply and Installation of 19" - Communication Rack made of M.S Frame, Glass Door, Pull Handle, supported by perforated sides / M.S Cover of following size:					
	15U Wall Mounted	%Nos.	1			
90	Thermostatic Type Exhaust/Cooling Fans					
	Supply and Installation of Thermostatic type Exhaust/Cooling Fans in Communication Rack, with proper connections, complete in all respects	%Nos.	2			
91	PDU					
	Supply of PDU with 04 x 13 A Flat Pin or International Type Switch Sockets for Communication Rack	%Nos.	1			
92	Front Cable Manager					
	Supply and Installation of Front Cable Manager in Communication Rack with proper labelling / tagging / harnessing.	%Nos.	2			
93	Patchpanel					
	Supply and Installation of 24 Port - Patch Panel - in Communication Rack with proper labelling / tagging / harnessing.					
	Loaded (With 24 I/Os)	%Nos.	1			
94	Telephone Junction Box (TJB)					

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	Supply, installation and commissioning of Telephone Junction Box vermin and dust proof, made of M.S 18 SWG sheet with door, handle, anti-rust paint and 2 coats of enameled paint, locking arrangement, all fixing accessories for following pairs telephone terminal strips (KRONE Strip) with tagging/markig arrangements including cost of all necessary material to connect incoming and outgoing telephone cables, complete in all respect					
	1 x 10 Pair	%Nos.	1			
95	Distribution Boards and Internal Components					
	Distribution Boards (DBs)					
	Fabrication, Supply and installation of DBs from the Manufacturer's Names specified in Annexure "A" at designated walls concealed or opened, made up of M.S Sheet of 16 SWG, with flexible earthing straps, degreased and de-rusted, zinc phosphate, finished with electrostatic powder coating of 15 microns thickness in approved colour, housing to comply with Protection Class IP-40, with hinged door, lockable handle, all auxiliaries, internal wiring, combs, designation labels on breakers, earthing bar, numbering beads on the control wires, suitable for System Voltage of 415 V, 50 Hz, 3/1 Phase and earthing with 01 or 02 neutral bus bars of 99.98% pure electrolytic Copper, including appropriate size Cable termination lugs and brass cable glands for incoming and outgoing cables, wiring from breakers, indication lamps (Voltmeter type with voltage reading) and fuses, with M.S Sheet cover beneath front door, gaskets shall also be provided, where necessary, complete in all respects as per Site requirement and approval of Bank's Engineer In charge.					
96	Internal Components Of DBs					
	Providing, installation, testing and commissioning of following Components as per brands/makes specified in Annexure "A" in already installed or to be installed DBs with proper connections and tagging, complete in all respects, as per Site requirements and prior approval of Bank's Engineer Incharge.					
97	Computer Distribution Board:-					
	60 A MCCB T.P (terasaki/Hagar/Clipsal)	%Nos.	1			
	Size 18" x 24"	%Nos.	1			
	32 A D.P (UPS I/Coming + Out Going)	%Nos.	2			
	6/10/Amps SPCB respectively	%Nos.	10			
	32 A- Four Possition Phase Slector (1-2-3-4)	%Nos.	1			
	Change Over Switch Rotery Switch 1-0-2 32-Amps	%Nos.	1			
98	Rawpower Distribution Board					
	100 & 150 A MCCB T.P (terasaki/Hagar/Clipsal)	%Nos.	2			
	Size 18" x 24"	%Nos.	1			
	16/10/20/Amps SPCB respectively	%Nos.	10			
	63 A- Four Possition Phase Slector (1-2-3-4)	%Nos.	3			
99	ATM Distribution Board:-					
	40 A MCCB T.P (terasaki/Hagar/Clipsal)	%Nos.	1			
	Size 15" x 18"	%Nos.	1			
	16 A D.P (UPS I/Coming + Out Going)	%Nos.	2			
	6/10/Amps SPCB respectively	%Nos.	10			
	32 A- Four Possition Phase Slector (1-2-3-4)	%Nos.	1			
	Change Over Switch Rotery Switch 1-0-2 32-Amps	%Nos.	1			
100	Earthing System					
	Supply, installation, testing and commissioning of Earthing / Grounding System including all material, boring, labor, tools, transportation, construction of appropriate sized Main Hole Pit (1' x 1' or 13" dia) with CI Cover, other accessories etc. Complete in all respects with detailed test report. The Earth Resistance should be below 05-OHM / Neutral to Ground potential less than 03V otherwise earthing would not be acceptable and neither navable.					
101	Chemical Type					
	Supply, installation, testing and commissioning of Chemical Enhanced Earthing System comprises of the following:					
102	Copper Plate Or Rod Type.					

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	P/M Earth system with 10' long ¾" dia copper bar as required complete with connections with 2 x 10 mmsq. bare flexible copper conductor or 2 x 8 SWG solid copper conductor in 1" dia PVC conduit (holes at every 1") up to permanent water table, terminated on ECPs, with suitable watering arrangement complete as per site requirement or equivalent method i.e. by excavation of dig of appropriate size, with copper plate (1-1/2' x 1-1/2' x 1/4"), earth material (salt, coal 15 Kg each & nitric acid 4 liter), appropriate size PVC conduit with tee etc. and Fixing of 02 %Nos. Copper Equipotential bars made with 150 mm wide, 50 mm high, 5 mm thick Earth Connecting Points (ECP) respectively with holes for fixing of Copper Conductor.as directed by Engineer In charge.	%Job	1			
103	Miscellaneous Item					
	As Built Drawings					
	Preparation and submission of Shop Drawing before the start of the Electrical works and As-built drawing of complete electrical and allied works duly approved by Client's Engineer until their level of satisfaction. (1 Set each)	%Job	1			
	Testing & tagging as per SBD section-16 (16), complete in all respect and accepted by engineer	%Job	1			
	any other Misc item which is not cover above	%Job	1			
104	A.C Copper Piping Work					
	Description	Unit	Qty			
	Copper Piping of Split AC units 1.0 / 4 Ton A.c with all relevant accessories i.e. Electrical Control wire (Pakistan Cable, Pioneer), Aero flax Insulation, Pipe size 22 Gauge (Muller USA) Pipe dia as per requirement and after verification of engineer etc. Payment will be made on actual measurement of piping and accessories	%Rft.	75			
	Copper Piping of Split AC units 4 Ton A.c with all relevant accessories i.e. Electrical Control wire (Pakistan Cable, Pioneer), Aero flax Insulation, Pipe size 22 Gauge (Muller USA) Pipe dia as per requirement and after verification of engineer etc. Payment will be made on actual measurement of piping and accessories	%Rft.	75			