

RENOVATION REFURBISHMENT WORKS OF NBP IBB CHAKLALA SCHEME III BRANCH FEDC REGION

S.NO	DESCRIPTION/SPECIFICATION	UNIT	QTY	RATE	AMOUNT
1	DISMANTLING WORKS (where required)				
	Dismantling and removing of existing masonry walls, False ceiling, cash counters,Flooring/Walls tiles Cladding, Ramps, marble, Seel doors, windows, Glass works,electrical fixtures & fittings , Plumbing fixtures & fittings,M.s grills and any other material etc the dismentled materials to be stacked at desired location within the bank premises as per instructions by BM and Engineer including disposal of debris from site outside the muncipility limit complete in all respects as per drawings.	job	1		
1-i	Dismantling R.C.C Wall of strong room and locker room etc including labor, equipments, scaffolding, throw all the dismantled unserviceable materials out of munciple limit with transportation. Dismantled Valut/Locker room doors and other serviceable materials shall be handed over to Branch Manager. Complete in all respect.	Sft	50		
2	REINFORCEMENT CEMENT CONCRETE 3000 PSI				
	Provide, mix, place and vibrate reinforcement cement concrete in the volumetrix mix. 1:2:4 at any floor using one part of cement to 2- part sand and 4-parts of crush from the approved source as per specification. 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, form 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 .	Cft	220		
	II) Beam / Lintels/ Shelves/Slab etc.	Cft	50		
3	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	1000		
4	BRICK MASONARY WORK				
	Providing and laying brick masonary/ Solid Block with 1:4 cement sand mortar in super structure, including raking out joints, scaffolding, curing, drilling for walls/ Ramps where required at any floor/height complete in all respects as per drawings, specifications and as directed by the Consultant/Engineer.				
	9" (228 mm) Thick or Above	Cft	75		
	4" or 4-1/2" (114 mm) Thick	Sft	100		

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5	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 at any floor/height, complete in all respects as per drawings, specifications and as directed by the Consultant/Engineer.				
	12mm Thick in (1:4) on walls	Sft	500		
	19mm Thick in 1:3 on stairs soffit / ceiling	Sft	500		
6	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	100		
7	P.C.C FLOORING (1:2:4)				
	Providing and laying of PCC 1:2:4 under floor using one part ordinary portland cement, two parts of best quality sand and four 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 Consultant / Engineer.				
	37mm Thick (Rough Finish)	Sft	500		
	50mm Thick (Smooth Finish)	Sft	500		
8	PORCELAIN TILES				
	Providing and laying floors of Porcelain tiles 1200mm X 600mm (grit white) 11mm thick of Roka ceram tile imported made (UAE/ Malysian or equavilent including base mortar 1-1/2" thick average 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	1300		
8-i	Providing and laying floors of Porcelain tiles 1200mm X 600mm (Conoliaen Brown) 11mm thick of Roka ceram tile imported made (UAE/ Malysian or equavilent including base mortar1-1/2" thick average 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	150		
8-ii	WOODEN TEXTURED 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	175		
8-iii	WOODEN LAMINATED FLOOR				
	Providing and fixing impored Wooden laminated floor of approved colour and quality make Malaysian 4 rating, 8mm thick or equilent with water proof lining, including all necessary joinery details and underlay, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	Sft	50		

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9	GRANITE SKIRTING				
	Providing and laying 19mm thick Pre-polished Cherry Pink / Camel Brown Granite skirting 100mm high of 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.	Rft	100		
9-i	Providing and laying 11mm thick of Conoliaen Brown tile in Skirting 100mm high of takceram tile imported made (UAE/ Malaysian or equavilent) including base mortar 1-1/2" thick average and matching colour, cement slurry for fixing of tiles, complete in all respects as per drawings, specifications and as directed by the Engineer.	Rft	350		
10	GRANITE ON STAIR AND MAIN ENTRANCE PODIUM				
	Providing and laying 19mm thick pre-polished Cherry Pink Granite / Camel Brown 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	200		
10-i	GRANITE THRESHOLD				
	Providing and laying 19mm thick pre-polished Cherry Pink Granite / Camel Brown 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		
10-ii	CONOLIAN BROWN TILE THRESHOLD				
	Providing and laying on Threshold of Porcelain tiles 1200mm X 600mm (Conoliaen Brown) 11mm thick of takceram tile imported made (UAE/ Malaysian or equavilent including base mortar 1-1/2" thick average 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	50		
11	PORCELAIN TILES ON TOILET WALLS / Floor				
	Providing and laying floors/walls of UAE/ Malaysian or equavilent Porcelain tiles size 600mm x 300mm (or any other approved size on floors/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	450		
12	VANITY COUNTER				
	Providing and fixing 19mm thick pre-polished approved Cherry pink or any other approved 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	30		
13	GLASS DOORS				
	Providing and fixing Tempered frame less glass door using 12mm clear glass , imported concealed floor door closers GCC made or equavilent, door locks,and approved handles of 4'-0" height on both sides, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	Sft	30		

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13-i	Wooden Frame Glass Door				
	Providing and fixing Tempered glass door using 12mm clear glass including top and bottom 4024 Al-NoorTactile sheet H section size 6" x 1.5",including imported concealed floor door closers GCC made or equavilent, door locks,and approved handles of 4'-0" height on both sides, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	Sft	85		
14	WOODEN DOORS (38 mm thick)				
	Providing & Fixing of WOODEN DOOR (WD- 1A), made of 19mm thick Al-Noor Laminated MDF 4024 tactile sheet or approved equavilent with 9mm thick approved solid (seasoned) wood on edging with clear NC lacquer polish/paint, including door frame of 16 SWG GI sheet with red oxide coat followed by two coat of enamel paint/polish of approved shade including complete door hardwares i-e hinges, imported door lock and door stopper, 6" wide stainless steel kick plate on both side of door. etc, complete with all respect as per design and instructioins of Engineer.	Sft	50		
15	FLUSH WOODEN DOOR				
	Providing /fixing 1 ½" thick solid flush wooden door shutter with commercial ply in OAK color in design finished with matt enamel paint of approved shade after preparing surface including all hard ware accessories & (2"x1/2" thick bedding) with lock complete in all respect as per specification or as directed by the Engineer In charge.	Sft	70		
16	GLASS PARTITION				
	Providing and fixing of Glass partition consisting of 12mm thick imported clear tempered glass, with approved aluminum H section frame of approved shade as frame on top and bottom and all necessary joinery details complete in all respects as per drawing, specifications and as directed by the Engineer.	Sft	100		
16-i	Removing of existing glass partition/doors of 12 mm thick or any other size and re-fixing the same to desired location and shape including all required hardwares complete in all respect and as directed by the Engineer.	Sft	100		
16-ii	GLASS PARTITION 12MM THICK WITH APPROVED FITTINGS.				
	Providing and fixing of Glass Partition consisting of 12mm thick imported clear tempered glass with imported GCC or equavilent fittings of required design and including all hardware, job complete in all respects.	sft	200		
18	BULK HEAD/DRY PARTITION				
	Providing and making bulkhead using 2" x 2" partial wooden frame @ 2' c/c horizontal and vertical with 19mm thick Laminated MDF sheet on both sides including paint/polish of approved colour complete in all respectas per drawing, specifications and as directed by the Engineer.	Sft	50		
19	LOW HEIGHT WOODEN PARTITION				
	Providing and making Low height wooden partition using 2" x 2" partial wooden frame @ 2' c/c horizontal and vertical with 19mm thick Al-Noor Laminated MDF 4024 tactile sheet or equavilent on both sides etc upto Min height 4ft. complete in all respects as per drawing, specifications and as directed by the Engineer.	Sft	50		
20	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	3500		
	Weather shield paint on external walls (approved by the Engineer)	Sft	500		
20-i	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		
21	WOODEN CABINETS				
	P/fixing of wooden filling cabinets low and full height at any height made with 19 mm MDF laminated 4024 AL NOOR with edging made of Tape/U-Tape/Solid wood 3/8" thick,and back box made of lamination chipboard # 7056, includindg approved handles, hings, magnetic catchers and shelf as per approved drawing and design. Complete in all respect. (Size upto 4'x8' approx.)	No.	10		
21-i	KITCHEN CABINETS				
	P/fixing of wooden openable KITCHEN cabinets (appox 24in deep) at any height made with 16mm MDF laminated 4024 AL NOOR with edging made of Tape/U-Tape/Solid wood 3/8" thick,and back box made of lamination chipboard # 7056, includindg approved handles, piano hings, magnetic catchers and shelf as per approved drawing and design. Complete in all respect. (Size upto 4'x8' approx.)	No.	2		

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22	GYPSUM SHEET FALSE CEILING				
	Providing and fixing 12mm thick gypsum sheet Fale ceiling of approved design with ICI/Berger paint including hanging system, making opening for lights or diffuser complete in all respects as per drawing, specifications and as directed by the Engineer.	Sft	2000		
22-i	FALSE CEILING.				
	Providing and fixing 7.5mm thick Lamination gypsum tile 600mm x 600mm False including hanging system(Black Groove), making opening for lights or diffuser complete in all respects as per drawing, specifications and as directed by the Engineer.	Sft	1000		
22-ii	DUMPA FALSE CEILLING.				
	Providing & Fixing aluminium perforated 0.6mm thick imported Dumpa false ceiling size 600mx600mm including hanging system making opening for lights or diffuser, complete in all respects. (Kitchen/Washrooms area)	sft	100		
22-iii	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 approved design by Engineer incharge, including Lacquire polish ICI made in Germany or with 17mm thick approved laminated Tactile sheet # 4024 made by Al-Noor or equivalent with partial wood frame including labor, material and transportation etc. Complete in all respect.	Sft	150		
23	WOODEN RAFTER.				
	P/Fixing wooden Rafters made of 19mm thick tactile sheet 4024 size upto 4" x 6" or any other approved size as per site requirements/approved design complete in all respect as per drawing and instructions of Engineer-In-Charge.	Rft	50		
24	CORNICE				
	Providing and fixing 11mm thick and 75mm high Laminated tactile sheet No.4024 Al-Noor made or equivalent, Cornice architrave on wall and applying of approved paint, including joinery detail and fixing tape on bottom of cornice complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	Rft	1000		
25	ALUMINUM WINDOWS				
	Providing and fixing full glazed Anodized Aluminum windows/ Ventilator made of Pakistan cable or equivelent (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	25		
26	ALUMINIUM LOUVER SHUTTER & CABINET.				
	P/Fixing Aluminum Louvers shutters below wash basin & sink with Aluminum frame 2mm thick 4" wide extruded section including fixing Aluminum cabinets as per approved design including handles etc. complete in all respect as directed by the Engineer Incharge	Sft	25		
27	CURTAIN				
	Providing and fixing imported jute cloth curtain according to the instructions of the manufacturer, complete in all respects as per drawing, specifications and as directed by the Consultant / Engineer.	Sft	75		

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28	RAILING				
	Providing and fixing of Stainless steel pipe grade 304 non-magnetic as Railing of 50mm dia Top and 40mm stainless vertical pipe as balustrade, 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	50		
29	FRONT ELEVATION.				
29-i	FRONT TILES				
	Providing and laying floors of Porcelain tiles 1200mm X 600mm (OCM 3920016 B/A) 11mm thick of Ocean ceramic tile imported made or equivalent including base mortar 1-1/2" thick average and matching colour, cement slurry for fixing of tiles, complete in all respects as per drawings, specifications and as directed by the Engineer.	Sft	200		
29-iii	GRAFFIATO PAINT/ROCK WALL				
	P/A Graffiato paint/ Rock wall best quality of approved color on front elevation and design by engineer. Including scaffolding, labor, material etc. upto any floor/height Complete in all respect.	Sft	200		
29-iv	ALUCOBOND (Optional)				
	Aluminum Composite Material (ACM) consists of two sheets of smooth 0.02" aluminum thermobonded to a polyethylene core in a continuous process. pre-finished with a premium Kynar 500 PVDF resin-based coil coating that is in a spectrum of attractive standard approved colors etc, as per entire specification of Engineer Incharge.	Sft	50		
30	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 1/2" X 3/8" frame (as per sketch) including 3 coats of approved shade of ICI Burger Enamel paint 3 coats over a coat of red lead oxide etc. complete as directed by Engineer Incharge.	Sft	100		
31	G.I. SHUTTER				
	Providing fabricating & fixing at any floor, steel roller fence shutters made of standard M.S Channel 3/4"x1/8" M. including roller of C-Iron rail 2-1/2" x1 1/2"x 1/2" with all hangers, bearing box, tracks, guide channel pull handles locking arrangement internal and external, and 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	100		

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33	STEEL DOOR FOR ATM, GUARD ROOM & EMERGENCY EXIT				
	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 frame of M.S angle Iron+M.S dtrip, applying of approved enamel paint and all necessary joinery details, complete in all respect.	Sft	25		
34	WOODEN WALL / COLUMN CLADDING				
	Providing and fixing of wall cladding with 19mm thick approved laminated Tactile sheet # 4024 made by Al-Noor or equivalent with partial wood frame and having vertical stripes 1 1/2 " wide X 3/4"thick 2 1/2 " C/C at both ends of wall up to 24" each side or any other approved design. complete in all respect as per specification or as directed by the Engineer Incharge.	Sft	200		
35	PVC WALL PANEL				
	Providing & Fixing of imported PVC panel of approved shade, design and quality including all required hardwares complete in all respect and as directed by the Engineer.	Sft	300		
36	CASH COUNTER				
	Teller Counter made of MDF lassani sheet best quality imported. Working top made of MDF Sheet thickness 1-1/2" standard pressed pasted with approved laminated Tactile sheet # 4024 made by Al-Noor or equivalent, front and customer top made of corian approved shade and design, customer top having stainless steel tray/ corian approved shade. Including 12mm clear glass with stainless steel clips supported in 2" thick vertical post laminated with imported stainless steel laminated sheet approved designe and shade . 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 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	8		
38	TERMITE PROOFING				
	P/A Termite proofing and rat killer spry or chemical best quality imported approved before application inside warehouse etc. Complete in all repsect.	job	1		
39	Repair work of aluminium windows and required hard ware best quality imported etc. Complete in all respect.				
		job	1		
41	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 average P.C.C 1:2:4, and grouting in cement complete in all respect.	Sft	300		

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42	FIBER GLASS PARKING SHED.				
	P/F of parking shed canopy with three ply sheet of approved quality and shade, having Main vetical post of MS pipe 3" dia round pipe 16 SWG, with frame of 1-1/2"x1-1/2", 18 SWG square pipe, including excavation in foundation, foundation base concrete (mix ratio of 1:2:4) , Footing size 12" X 12" X 18" , all the structural elements of shade to be coated with three coats of enamel paint ICI/BERGER etc over Primer coat of Red Oxide. Complete job as per approved design and as directed by the Engineer.	Sft	100		
43	WOODEN HANGING BEAM.				
	Fabricting & Fixing Wooden hanging beam for glass partitions using 2" x 2" partal wooden frame @ 2' c/c horizontal and vertical with 11mm thick imported MDF Sheet both sides and 03 coats of paint approved shade etc complete in all respect as per drawing, specifications and as directed by the Engineer.	Rft	50		
45	LOGO/THEME WALL.				
	Logo wall made of chipboard with 19mm thick approved laminated Tactile sheet # 4024 made by Al-Noor or equivalent with softwood framing, design strip as per approved design. Including complete joinery details. Complete in all respects as per drawing and specifications including approved design, materials,size and preparation of cut off NBP's logo with approved lights complete in all respect.. Size (mm): W: 2590 x T: 75 x H: 2440	job	1		
46	ROOF TREATMENT WORKS.				
46-vi	WATER PROOFING.				
	Water Proofing in Floor to stop seepage with cutting floor, grouting using Eco-shield Epoxy PU Sealant, in basement/Toilet area etc. as instructed by the Engineer complete in all respect.	Sft	200		
47	MAIN HOLE.				
	Construction of Main Holes made with block masonry size 2'-0" x 2'-0" x 2ft deep including excavation,base concrete, plastering inside/outside, provision of holes to connect pipe line including curing etc. complete with P/F main hole cover made of cast iron or pre-cast concrete.	Each	1		
48	CONCRETE PAVER.				
	Providing and laying of pavers size 4"x8" having 3" thick best quality made of envicrete/ hub crete or equvilant with sand cusion approved colour over 2" thick p.c.c avg; and grouting in cement complete in all respect.	Sft	100		
53	IMPORTED FROST PAPER				
	P/F imported glass paper at required places, job complete in all respects	sft	100		
54	NBP LOGO'S				
	P/F NBP Glass logos of approved standards & design	No	2		
55	SS PLANTERS.				
	Providing SS planters Non- Magnatic of approved dia, size and standards job complete in all respects as directed by Engineer Incharge.	Nos.	2		
56	SS TRASH BINS.				
	Providing SS Trash bin Non Magnatic of approved size and shape, complete in all respects	Nos.	2		
57	ENEMAL PAINT				
	Providing and applying Paint on internal/ External walls, steel/wooden structures 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.	Sft	300		

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58	STANDARD STRONG ROOM DOOR				
	STANDARD STRONG ROOM DOOR FIRE PROOF (FOR STRONG ROOM) 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 (as per ASTM E 119 FD 120 rating) . 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 . with 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. with P/L R.C.C 1:2:4 finishing smooth with cement plaster painting & welding work etc. Hammer silver paint. Complete in all respects.Transportation charges from Factory to branch / office, loading / unloading with chain kopoi. The job includes dismantling of the existing door with clearance of site. The supply & installation of door should include all Govt. taxes / PST as per Govt. rules. 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 of the strong room bars. +B429 (Complete in all respect @ NBP Standard w.r.t State Bank)	Each	1		
59	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. The finishing of project is mandatory to be in accordance to the approved 3D design and drawings"	Job	1		
	<u>SECTION-01, SUPPLY & INSTALLATION OF PLUMBING FIXTURES</u>				
	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.				
1.1	European style W.C. floor mounted type, with seat cover, flush tank, cover plate floor mounted brackets with fixing accessories.				
i.	Type - EWC	Nos.	1		
ii.	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		
1.2	European style W.C. wall hung type, with seat cover, flush tank, cover plate floor mounted brackets with fixing accessories.				
i.	Type - EWC-WH	Nos.	1		
1.3	Toilet Hand Spray with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect.				
i.	Type - TS	Nos.	2		
1.4	Wash basin (WB) including bottle trap, waste, stop cocks, etc.				
i.	Type - WB	Nos.	1		
ii.	Type - WB - V (Vanity)	Nos.	1		
1.5	Wash basin hot and cold water mixer, etc.				
i.	Type - WB	Nos.	2		
ii.	Type - WB - V (Vanity)	Nos.	2		
iii.	Double Bib Cock for Wash Room	Nos.	2		
1.6	Stainless steel kitchen sink including stop cocks, P-trap / Bottle trap, waste pipe etc complete in all respects.				
i	SK - 1, 40" x 20" single bowl and single drainer.	Nos.	1		
1.7	Sink hot and cold water mixer etc.				
i.	For SK - I	Nos.	1		
1.8	Toilet accessories complete set.				
i.	Soap Dispenser	Nos.	2		
ii.	Towel Rod	Nos.	2		
iii.	Paper Holder	Nos.	2		
iv.	Coat Hooks	Nos.	2		
v.	Hand Dryer	Nos.	1		
vi.	P/F Looking Mirror best quality balgium made fixed with clips complete in all respect and size as per site requirement	Sft	20		
	<u>SECTION-02 WATER SUPPLY SYSTEM</u>				
	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.				

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2.1	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.				
i.	Dia. OD 25 mm (also for A.C Drainage)	Rft	50		
ii.	Dia. OD 32 mm (also for A.C Drainage)	Rft	140		
2.4	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.				
2.5	Brass body gate valves / ball valves with unions.				
i.	Size 3/4"	Nos.	1		
ii.	Size 1"	Nos.	1		
2.9	Supply and Installation of hot water storage heater (Electric) suitable for 60 psi working pressure including thermostate, inlet/outlet connection . Pressure relief valve.				
i.	HWE-10 (10 Gal. storage Capacity)	Nos.	1		
II	P/F 3 ply Water tank having minimum 500 gallons capacity approved company with all accessories including transportation, fixing at site, connection with pipes all things complete etc. as directed by Engineer.	Nos.	1		
	SECTION-03 SOIL, WASTEVENT 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 instructions of Consultant.				
3.1	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.				
ii.	Dia 2"	Rft	10		
iii.	Dia 3"	Rft	40		
iv.	Dia 4"	Rft	40		
3.2	Floor trap including S.S grating floor trap, inlet outlet connection complete in all respects.				
i.	FT- with 4" P - trap	Nos.	4		
3.3	Cleanout for soil, waste pipes of approved make				
i.	For 2" di. Pipe. With SS floor cover plate	Nos.	2		
ii.	For 4" di. Pipe. With SS floor cover plate	Nos.	2		
3.5	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.				
i.	RWG - 4" size	Nos.	1		
3.6	UPVC cowl for vent pipe of the following dia including all accessories complete.				
i.	size 3"	Nos.	1		
	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 instructions of Consultant.				
4.1	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..				
i.	Dia 6" size	Rft	65		
ii.	Dia 8" size	Rft	50		
4.2	Construction of Gully Trap with material including, excavation , 4" size UPVC P-trap CC base CI cover with frame, CC benching water proof internal plaster inlet/outlet connections etc.				
i.	Type GT, size 10" x 10 "	Nos.	1		
4.3	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.				
i.	size 18" x 18 "	Nos.	1		
ii.	size 24" x 24 "	Nos.	1		
	ELECTRICAL WIRING				
	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)				
(a)	Circuit Wiring (For Switchboard/Light Plug etc.)				
	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.	8		
(b)	Switch Board to Switch Board OR Switch Board to Light plug etc. Circuit Wiring				

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	Same as item No. 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 No. A-1-1 (a))	Nos.	4		
(c)	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.	2		
(a)	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 equipped 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.	60		
(b)	Point to Point Wiring (Light/Fan etc.)				
	Same as item No. 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.	180		
(a)	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.				
(i)	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.	22		
(ii)	Same as item No. 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 No. A-1-3 (a) (i) (Maximum of 03 SSO can be connected with 1st SSO).	Nos.	22		
(b)	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.	10		
(c)	Wiring Circuit for 1 x 30/32 A Switch Socket Outlet (SSO) for AC connection or any other purpose				
(i)	From DB to SSO with 2 x 6.0 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 1 circuit can be pulled through 25 mm dia. PVC conduit).	Nos.	1		
(ii)	Same as item No. A-1-3 (c) (i), but from Point to Point i.e. 1st SSO to 2nd SSO. (Side by Side or Back to Back Wiring points will not be payable and will be considered to be included in item No. A-1-3 (c) (Maximum of 01 SSO can be connected with 1st SSO). This can be used for Heater connection as well.	Nos.	1		
(a)	Wiring for Industrial Sockets for UPS Connections				
(i)	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.	150		
(ii)	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.	150		
(b)	Wiring from Main DB to UPS DB or any other purpose.				
	Wiring with 1 x 6.0 sq.mm 3 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.	150		
	DATA / VOICE / TV WIRING				
	Supply, laying, connection and testing of following wiring types; with make/brand of material being specified in Annexure A.				
(a)	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.	16		

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(b)	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.	8		
	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 Incharge.	Rft.	90		
	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.	1		
	MAIN / SUB MAIN CABLES				
	ELECTRICAL LT CABLING				
	P/L, connection, testing and commissioning of PVC insulated PVC sheathed non armoured 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 Incharge 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 Incharge / 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.				
(a)	4 Core 25 sq.mm	Rft.	90		
(b)	1 Core 6 sq.mm Green/Yellow Colour as CPC	Rft.	60		
(c)	1 Core 10 sq.mm Green/Yellow Colour as CPC	Rft.	60		
	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 Incharge prior to installaion.				
	LIGHTS				
	(The temperature / Colour Index to be got confirmed from Site Engineer before installation)				
(a)	Ceiling mounted LED Panel Light - 48W - 610 x 610 mm (Warm White/Warm/DayLight) recessed in False Ceiling	Nos.	30		
(b)	Same as C-1 (a) but surface mounted	Nos.			
(c)	Ceiling mounted LED Down Light - 18/20W - 20 mm dia (Warm White/Warm/DayLight) recessed in False Ceiling	Nos.	90		
(d)	Ceiling mounted LED Down Light - 10/12W - 15 mm dia (Warm White/Warm/DayLight) recessed in false Ceiling	Nos.	30		
(e)	Ceiling mounted LED Spot Light - 7/8W - 7-8 mm dia (Warm White/Warm/DayLight) recessed in False Ceiling	Nos.	24		
	FANS				
(a)	False Ceiling Fan 14/16 " sweep, Size(2'X2')	Nos.	12		
(b)	Wall Bracket Fan 18" sweep - Plastic body louvre type	Nos.	2		
(c)	Exhaust Fan 10" sweep, Plastic body, louvre type.	Nos.	3		
	POWER SOCKETS				
	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 colour, M.S. box shall be of the same size as that of SSO.				
(b)	10/13 - 3 Pin round type SSO (for General Use)	Nos.	5		
(c)	13A Duplex SSO - 3 Pin Flat type / Universal type (for UPS Power)	Nos.	14		
(d)	Same as item No. C-3-1 (b) but Simplex SSO (for Normal Power)	Nos.	24		
(e)	15/16A Simplex SSO - Round Pin or Multi type (for AC or General Purpose)	Nos.	6		
(f)	Same as item No. C-3-1 (e) but 20 A Rating	Nos.	6		
(g)	Same as item No. C-3-1 (e) but 30 A Rating	Nos.	1		
	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.				
(a)	32 A, 3 Pin	Nos.	2		
	CABLE CONTAINMENT				
	P.V.C. Conduit / Dura Duct				

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	Supply and installation of following sizes of heavy duty PVC conduits 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, such as junction box, bend, socket, saddle, screws etc. complete in all respects as per site requirement and as per brand/make of material specified in Annexure "A" (These PVC Conduits & Duraducts will be used if missed or not included in any of the item's description of this BOQ)				
(a)	20 mm dia PVC Conduit	Rft.			
(b)	25 mm dia PVC Conduit	Rft.	45		
(c)	33 mm dia PVC Conduit.	Rft.	35		
(f)	75 mm dia PVC Conduit.	Rft.	20		
(j)	25 x 25 mm Dura duct with cover	Rft.	60		
(n)	50 x 50 mm Dura duct with cover	Rft.	40		
(p)	60 x 60 mm Dura duct with cover	Rft.	30		
	Floor Box				
	Fabrication, supply and installation of Floor Box i.e. M.S Box made of mild steel 16 SWG duly painted initially with Red Oxide and finally with approved Colour of appropriate size but not less than 10" x 10" x 4-1/2" deep with openable hinged cover 2.5mm thick, all necessary materials / arrangements for fixation of sockets, holes for passage of outgoing cables, rubber, groumet, earthing terminal, and partition made of backlite. Boxes shall be installed flush with floor and should be suitable for installation of following number of Simplex SSOs or Face Plates. (The cost of SSOs or Face Plates not be included)				
(a)	Four Nos. Simplex SSOs or Face Plates.	Nos.	2		
	TECHNOLOGICAL 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, groumet, earthing terminal, and partition made of backlite. (The cost of SSOs or Face Plates not be included)				
(a)	Four Nos. Simplex SSOs or Face Plates.	Nos.	7		
	PULL BOX				
	Fabrication, supply and installation of Pull Box i.e. M.S Box made of 16 SWG sheet having heavy duty SS Top Cover of 16 SWG Sheet of following size, complete in all respects as per site requirements.				
(a)	300 mm x 300 mm x 62 mm	Nos.	1		
	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.				
(a)	Dual Face Plate with I/Os (1 x RJ45 and 1 x RJ11)	Nos.	8		
(b)	Same as item No. C-5-1 (a) but with I/Os (2 x RJ45)	Nos.	8		
(c)	Simplex Face Plate with RG-6 / RG-7 Connector for TV Cable	Nos.	1		
	Supply of Patch / Drop Cords				
	Factory tested (imported) Cords of Cat6 - 23 AWG Cable of following sizes				
(a)	01 meter Patch Cord	Nos.	16		
(b)	03 meter Drop Cord	Nos.	4		
	Racks and Panels				
(a)	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:				
(ii)	27U Floor Standing	Nos.	1		
(b)	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		
(c)	PDU				
	Supply of PDU with 04 x 13 A Flat Pin or International Type Switch Sockets for Communication Rack	Nos.	1		
(d)	Front Cable Manager				
	Supply and Installation of Front Cable Manager in Communication Rack with proper labelling / tagging / harnessing.	Nos.	4		
(e)	Patch Panel				
	Supply and Installation of 24 Port - Patch Panel - in Communication Rack with proper labelling / tagging / harnessing.				
(ii)	Loaded (With 24 I/Os)	Nos.	1		
	Telephone Junction Box (TJB)				
	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 enamelled paint, locking arrangement, all fixing accessories for following pairs telephone terminal strips (KRONE Strip) with tagging/markng arrangements including cost of all necessary material to connect incoming and outgoing telephone cables, complete in all respect				
	1 x 10 Pair	Nos.	1		
	DISTRIBUTION BOARDS AND INTERNAL COMPONENTS				
	DISTRIBUTION BOARDS (DBs)				

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	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 phosphated, 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 Incharge.				
(f)	Size 18" x 36"	Nos.	1		
	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.				
	Miniature Circuit Breakers (MCBs) Rail Type, C Type, 6 K - RC				
(a)	Single Pole (SP) - RC-6 KA				
(i)	6/10 A	Nos.	20		
(ii)	16/20/32 A	Nos.	20		
(iii)	40 A	Nos.	1		
(b)	Double Pole (DP) - RC - 10 KA				
(i)	16/32 A	Nos.	5		
(c)	Three Pole (TP) - RC - 10 KA				
(i)	16/20/32/40 A	Nos.	2		
(ii)	63 A	Nos.			
	Moulded Case Circuit Breakers (MCCBs)4P, C Type, RC - 10 KA				
(a)	40/50/60 A	Nos.	3		
(b)	100 A (Adjustable)	Nos.	1		
(c)	150 / 200A (18KA) (Adjustable)	Nos.			
	Four Position Phase Selector Switch - (0-1-2-3-4)				
(b)	40/50 A	Nos.	1		
	Change Over Switch 1-0-2				
(a)	Double Pole (DP)				
(ii)	32 A	Nos.	1		
	BURGLAR ALARM SYSTEM				
	WIRING				
	Supply, laying, connection and testing of following wiring types; in already laid heavy duty PVC Conduit recessed in walls, columns, slabs, floors or fixed at Ceiling above false ceiling or in already laid 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. due in consultation with & recommendation of any one of Bank's approved Security Company for different security sensing components, devices, sirens, smoke detector etc. complete with connections in all respect.				
(a)	1 x 5 Pair Cable	Rft.	120		
(b)	1 x 2 Pair Cable	Rft.	120		
	DEVICES / COMPONENTS ETC.				
	P/F & connections of undernoted security sensing components, devices and siren etc. with the consultation & recommendations of one of the Bank's approved Security Company, complete with testing & commissioning in all respects.				
(a)	Alarm Panel DSC with Keypad	Nos.	1		
(b)	PCB - DSC	Nos.	1		
(c)	Keypad Extra (DSC)	Nos.	1		
(d)	Battery 12Volts 6/7 Ah	Nos.	2		
(e)	Regulated Power Supply	Nos.	2		
(f)	Magnetic Contact (Flush)	Nos.	2		
(g)	Magnetic Contact (Surface)	Nos.	4		
(h)	Audible Warning Device (Siren)	Nos.	3		
(i)	Foot Panic switch	Nos.	3		
(j)	Panic Switch (Fixed)	Nos.	1		
(k)	Passive Infrared Detector (PIR)	Nos.	2		
(l)	Auto Telephone Switch (ATS)	Nos.	1		
(m)	Smoke Detectors	Nos.	10		
(n)	Heat Detector	Nos.	1		
	EARTHING SYSTEM				
	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") upto 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 Incharge.	Job	1		
	MISCELLANEOUS ITEMS				
	FIRE EXTINGUISHERS				
	Providing & placement / fixing of under noted Fire Extinguishers at selected/identified locations by the Engineer Incharge.				
a	Dry Chemical Powder (DCP) portable type 06Kg	Each	5		
b	Dry Chemical Powder (DCP) Ball type 03Kg alongwith wall mounted bracket.	Each	5		
a	CCTV WIRING				
i	Providing & Lying Cat-6 Cable 23 AWG (as mentioned in attached annexure) for CCTV Camera with splitter Complete PVC pipe/duct as per site requirement	Each	12		
b	LIGHTS				
i	P/F of LED lights 4' Osaka /Philips or equivalent make with installation	Each	4		
ii	P/f of LED miior lights 2' Osaka /Philips or equivalent make with installation	Each	3		
iii	P/f of flood lights 100watt, IP-65 rated of Osaka /Philips or equivalent make with installation	Each	2		
iv	P/ff of Roop light Colour warm/White with installation	Rft	400		
c	Supply, Laying and connecting drain & Copper Piping of 22 Gauge (Muller Brand or Equivalent) with Aero flex Insulation and Three Core – 110/.076 Control Wire (Pakistan/Pioneer Cable or Equivalent); including Circuit breaker 3 pin shoe, connection with testing of already installed pipes and all necessary fittings, R-410A Refrigerant and accessories; as per site requirement.	Rft	100		
	AS BUILT DRAWINGS				
	Preparation and submission of As-built drawing of complete electrical and allied works duly approved by Client's Engineer until their level of satisfaction. (2 Sets)	Job	1		
1	BRANCH MANAGER TABLE Table Size: L 5'-0" X D 3'-0" X H 2'-6",Return Table size: L 5'-0" X D 1'-6" X H 2'-0". Supply of Branch Manager Table made of chipboard / MDF lassani Covered with oak ply 5mm thick pressed unde 100-150 Kg/Cm2 of air pressure and 60 C of temperature and backing with ply underneath, with approved shade of wall nut polish germany made and having leatherite writing pad on top. Having solid and seasoned Oak wood toothing joint between top & Sides with wall nut polish finish. Having front strip panel made of solid oak wood finished Top fixed with return (Side) table with stainless steel spacers, including return table with two drawers and provide 5mm thick glass brown shade finished edges. Drawers run on imported roller (sample available in Picture). Complete in all respect as per Drawing & specification.(Polish Shade approved by Engineer)	Each	1		
2	OFFICER TABLE Size: L 4'-6" X D 6'-0" X H 2'-6" Supply of Office Wooden Table. Table top and bottom frame made of steel rectangular section made by IIL steel, verticale frame sides size 3"x1" and horizontal frame size 2"x1" finbished white texture powder coating made. Table top 1-1/2" thick made by Chipboard / MDF Lassani with formica alnoor Artical No. 4070 / Partak - White) pressed under 100-150 Kg/Cm2 of air pressure and 60 degree of temprature on front side and backing formica underneath witk same lipping edging . Including same shade of vanity panel and front panel chipboard same sheet and shade with side rack having 2 shelf and 3 drawers of Al-Noor Sheet # 4025 with locking system, imported quality hings, roller runners / chanelc etc deco paint. (Sample available in Picture) etc Completed in all respect	Each	3		
3	CREDENZA FOR MANAGER Size (5'-0" X 1'-6" X 2'-6") Supply of Credenza made of Chipboard covered with oak ply 5mm thick with approved Oak Veneer pressed under 100-150 Kg/ Cm2 of air pressure and 60 C of temppressure and backing veneer on other side with Oak wood toothing. Finish with approved wallnut polish shade , Having storage and drawers with imported roller runner,hinges, etc complete in all respect as per specification or directed by Engineer. (Sample of Polish Shade approved By Engineer)	Each	1		
4	DRAWER PEDESTAL (DP-1) Size (1'-8" X 1'-6" X 2'-2") Suppy of Drawer Pedestal made of Chipboard covered with oak ply 5mm thick pressed under 100-150 Kg/Cm2 air pressur and 60 C of temperature and backing formica underneath. Drawer pedestal having three drawer on imported roller runners including lokcs, pull and footing / glide. Complete in all respect as per specification and drawings.	Each	6		
5	CPU TROLLEY (CPU-1) Size (Standard Size) Supply of CPU Trolley made of mild steel sheet with deco black paint finish. Complete in all respect and drawing	Each	6		
	Officer / Staff / Teller Counter Revolving Chair				

RENOVATION REFURBISHMENT WORKS OF NBP IBB CHAKLALA SCHEME III BRANCH FEDC REGION

6	Supply of Officer Revolving Chair Master make, Master Mesh LBC (B3006-1-WB) arms seat and back in one piece 12mm thick malaysian imported commercial ply pasted over different size of foam (density 1.52 pound per cft), covered with approved FABRIC/ LETHERITE , seat and back reclining, having five spoke nylon base with twin caster wheel, adjustable height with hydraulic base. Complete in all respects as per specifications.	Each	5		
	Officer / Staff VisitoR Chair				
7	Supply of Officer NON-Revolving Chair Master make Master Mesh VC (D3006-1-WB-BFR) arms seat and back in one piece 12mm thick malaysian imported commercial ply pasted over different size of foam (density 1.52 pound per cft), covered with approved FABRIC / LETHERITE , seat and back reclining, . Complete in all respects as per specifications.	Each	6		
8	MANAGER REVOLVING CHAIR (HIGH Back) C-2 Supply of Officer Revolving Chair with approved shade of walnut polish with Oak wood arms made in 4 pieces joinery (all joints made in epoxy and two sided screws), seat and back in one piece 12 mm thick Malaysian imported commercial ply pasted over different size of foam (denisty 1.52 pound per cft), covered with approved Fabric Fabric made by A-1 Fabrics NBP Design NS-21 fabric or equivalent,seat and back reclining, having five spoke nylon base with twin caster wheel, adjustable height with hydralic base, complete in all respect as per specification & drawings. (Sample of walnut Polish Shade approved By Engineer)	Each	1		
12	SINGLE SEAT SOFA (S-10) Supply of single seat sofa, base made of solid & seasoned Oak Wood with approved lacquer finish p[olish shade, internal structure made of Acacia wood. Seat and back uphoistered with good qulaity foam and approved Fabric made by A-1 Fabrics NBP Design NS-21 fabric or equivalent. Complete in all respect as per drawing and Specification.	Each	2		
13	TWO SEAT SOFA (S-10) Supply of Two seat sofa, base made of solid & seasoned Oak Wood with approved lacquer finish p[olish shade, internal structure made of Acacia wood. Seat and back uphoistered with good qulaity foam and approved Fabric made by A-1 Fabrics NBP Design ns-21 fabric or equivalent. Complete in all respect as per drawing and Specification.	Each	4		
15	CENTER TABLE (CT-5A-A8) Size: W 3'-6" X D 2'-0" X H 1'-6" Supply of Center Table, sides made with 50 mm thick Chipboard with Oak veneer pressed on both sides under 100-150 Kg/Cm2 of air pressure and 60 C of temperature, with approved colour leather on top & solid and seasoned Oak wood toothing joint between top & sides. Finish with approved shade of walnut polish. Complete in all respect as per specification and drawings.	Each	2		
16	SIDE TABLE (CT-5A-A9) Size: W 1'-6" X D1'-6" X H 1'-6" Supply of Side Table, sides made with 50 mm thick Chipboard with Oak veneer pressed on both sides under 100-150 Kg/Cm2 of air pressure and 60 C of temperature, with approved colour leather on top & solid and seasoned Oak wood toothing joint between top & sides. Finish with approved shade of walnut polish. COMplete in all respect as per specification and drawings.	Each	2		
18	Transportation				
	AC UNITS				
1	Supply and installation of single phase 220/240 V, 50C/S Unit Inverter (Heat & Cool) AC unit capacity 12000BTU (1 Ton) , comprises of evaporating & condensing units with rotary/ reciprocating compressor along with 22 gauge 10 Rft. Copper pipe and insulation, hole sealing with white cement & L-type power quoted angle iron frame size 1-1/2" x 1-1/2" x 1/8" thick, handling charges, (loading, unloading, transportation etc.)i/c evacuation, nitrogen pressure, testing gas charging R-410A Refrigerant with standard suction and discharge pressure and amperes, control wiring, rawal bolts, drain piping, testing commissioning complete in all respect. (Compressor rating T3) 03 years warranty.The specifications of quoted AC must be filled in criteria The material submittal of quoted Door must be approved before delivery	Each	3		
2	Supply and installation of single phase 220/240 V, 50C/S Unit Inverter (Heat & Cool) AC unit capacity 18000BTU (1.5 Ton) , comprises of evaporating & condensing units with rotary/ reciprocating compressor along with 22 gauge 10 Rft. Copper pipe and insulation, hole sealing with white cement & L-type power quoted angle iron frame size 1-1/2" x 1-1/2" x 1/8" thick, handling charges, (loading, unloading, transportation etc.)i/c evacuation, nitrogen pressure, testing gas charging R-410A Refrigerant with standard suction and discharge pressure and amperes, control wiring, rawal bolts, drain piping, testing commissioning complete in all respect. (Compressor rating T3) 03 years warranty.The specifications of quoted AC must be filled in criteria The material submittal of quoted Door must be approved before delivery	Each	5		
4	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 32 mm for continuation of ac drain to the nearest drain	Rft.	5.00		
5	Supply, Laying and connecting drain & Copper Piping of 22 Gauge (Muller Brand or Equivalent) with Aero flex Insulation and Three Core – 110/.076 Control Wire (Pakistan/Pioneer Cable or Equivalent); including Circuit breaker 3 pin shoe, connection with testing of already installed pipes and all necessary fittings, R-410A Refrigerant and accessories; as per site requirement.	Rft.	5.00		