

SUMMARY OF TOTAL BOQ (BILL OF QUANTITY) COST OF INTERIOR AND RENOVATION, CIVIL, TOILET RENOVATION, WATER PROOFING, ELECTRICAL AND AIR-CONDITIONING WORKS FOR PUNJAB AND SIND BANK MODEL BRANCH AT JANAKPURI, NEW DELHI

S. No.	DESCRIPTION	AMOUNT (Rs.)
(A)	DISMENTALING WORK	
(C)	CIVIL & WATERPROOFING WORK	
(D)	TOILET RENOVATION WORK	
(B)	FIRE FIGHTING SYSTEM	
(E)	INTERIOR & RENOVATION WORK	
(F)	ELECTRICAL WORK	
(G)	AIR CONDITIONING WORK	
	GRAND TOTAL	
(H)	BUY BACK ITEMS (MINIMUM RESERVE PRICE OF Rs. 25000/-)	
	Dismantling & Removing of the existing Table, counter, Paneling, Partitions (wooden/ aluminum/ asbestos cement/ glass), Acp cladding, Alumninium Glass Door & Glazing & any other similar items etc. & any other similar items which are not in use or not been retained by bank for any further use to be dismantled for clearing the site as directed and disposal of the unserviceable materials/ debris away from the existing branch premises site with no cost & risk to the Bank and Credit for Old Furniture, Partition, Glass, Door Shutters etc.	
	NET TOTAL	

Note :-

- 1 GST not included in the rates.
- 2 If there is discrepancy between words and figures, the amount in the words will prevail.

BOQ (BILL OF QUANTITY) OF INTERIOR & RENOVATION, CIVIL, TOILET RENOVATION, WATER PROOFING FOR PUNJAB AND SIND BANK MODEL BRANCH					
S. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE (Rs.)	AMOUNT(Rs.)
	Notes:-				
a	The rate for all demolishing and dismantling to include carting and disposing of the debris outside the site at Municipal Dumping grounds.				
b	The contractor will take approval/permission form the local authorities/Munciple Corporation to execute the work at site. Also the fees for kept the malwa outside the premises will be paid by the contractor.				
c	Necessary propping, shoring and underpinning shall be provided for the safety of the adjoining work or property, which is to be left in tact, before dismantling and demolishing is taken up and the work shall be carried out in such a way that no damage is caused to the adjoining work or property.				
d	Note - No paneling shall be provided behind the storage / cabinets / tables sides or any other surface which is not visible (no payment for same shall be entertained by the bank). Entire paneling shall be provided only on visible surfaces as per approved layout or as directed by the Bank.The paneling should be provided on independent pillars in the branch hall only that too till soffit of false ceiling.				
e	Note:- Incase of wall not being true to plumb extra shims of aluminium section shall be provided. Nothing extra shall be payable in this regard.				
f	Note: a) In case of false ceiling, area of panelling payable will be below the false ceiling only. b) Measurement of height shall be taken from finished floor only, in case of varying heights on either side of panelling, average height shall be considered. c) Openings/ door/ glass shall not be measured for payment.				
(A)	DISMANTLING, REMOVING AND SHIFTING OF EXISTING FURNITURE				
1	Removing and shifting of Existing Furnitures including all size tables,all type storages, old chairs,curtains, all type racks to bank store as per bank's instructions including all Labour and transportation with in 10 km complete.	Job	1.00		
2	Demolishing of existing Gypsum/Armstrong False Ceiling & disposing of the malba from the site.& repairing the exisiting Ceiling with Putty ,Polishing Painting as required .Complete in all respect. (Approx area of ceiling 150 sqm)	Job	1.00		
3	Dismantalling of exisitng floor and toilet wall & floor tiles and disposing of malba from site complete including all Labour and transportation with in 10 km complete.	Sq Mts	610.00		
4	Dismantling Stair/ramp granite/marble (Steps, tread, riser and landing)laid in cement mortar including stacking of serviceable material and disposing of material from site as per direction of Engineer - in - charge.	Sq Mts	85.00		
5	Dismantling of existing toilet fixture like toilet sheet,plumbing fittings,urinal,washbesin including counter etc.complete all respect.disposing of malba from site.	Job	6.00		
6	Removing of existing ramp/stair (ATM, Branch) SS railing safely complete and handover to bank.	Job	3.00		
7	Dismantling old plaster raking out joints and cleaning the surface for plaster including disposal of rubbish material to the dumping ground.(Including Scaffolding for all heights).	Sq Mts	100.00		
8	Removing of existing window MS grill and refixing with repair and required hardware complete.	Job	5.00		
9	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the dumping ground. as per direction of Engineer-in-charge.(Including 9"/4.5" brick work)	Sq Mts	25.00		
10	Removing existing malba / debris not needed by client to be removed and dumped to authorized municipal dumping ground or as directed i/c all leads & lifts. (1 Job is consider as overall debris on each floor basis.)	JOB	3.00		
11	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth from Ground Floor to terrace Floor level and removal of rubbish up to a municipal ground outside the periphery of the area cleared. (complete as per the direction of Engineer Incharge)	JOB	1.00		
12	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge	JOB	1.00		

13	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150 mm dia upto 300 mm	METRE	20.00		
14	Demolishing brick tile covering & Mud Phuska upto RCC slab level in terracing including stacking of serviceable material and disposal of unserviceable material upto Nearby Municipal Ground at contractors own cost.	Sq.Mt.	150.00		
15	Temporary Structure, Access and Safety				
i	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer/Architect .The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	Sq.Mt.	80.00		
ii	Providing, Installing suspended scaffolding (Gondola) for repair and painting work.	L.S.	1.00		
iii	Providing and installing of 0.55 mm Trapezoidal coated metal sheet with 50x50x6 mm angle section as protection screen. (to be repeated 4 times)	KGS	200.00		
iv	Providing, erecting, maintaining and removing temporary protective screens made out of specified fabric with all necessary fixing arrangement to ensure that it remains in position for the work duration as required by Engineer/Architect. Woven PVC Cloth	Sq.Mt.	80.00		
TOTAL FOR DISMENTALING WORK					
(B)	CIVIL & WATERPROOFING WORK				
1	Half brick masonry with best quality, locally available bricks of class-I designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand) (complete as per the direction of Engineer Incharge)	Sq Mts	18.00		
2	Brick work with best quality, locally available bricks of class-I designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in, Cement mortar 1:6 (1 cement : 6 coarse sand) (complete as per the direction of Engineer Incharge)	Cum	7.00		
3	12 mm cement plaster finished with a floating coat of neat cement of mix :1:3 (1 cement: 3 fine sand) .(Including Scaffolding for all heights).(Including water proofing chemical)	Sq Mts	50.00		
4	15 mm cement plaster finished with a floating coat of neat cement of mix :1:3 (1cement: 3 fine sand) .(Including Scaffolding for all heights).	Sq Mts	90.00		
5	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	Cum	18.00		
6	Providing and fixing stainless steel (Grade 304) 16 Gauge railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc, of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered.) including fixing accessories such as nuts, bolts, fasteners etc.) (complete as per the direction of Engineer Incharge)	Rmt	32.00		

7	<p>MS Hand Rail : Providing and fixing Mild steel (MS) pipe handrail having 900mm hieght (as shown in the TENDER drawing) made out of 40 mm outer dia for top rail (with 1.6mm wall thickness) and 25.00mm (1.6mm wall thickness) MS pipes placed vertically at a spacing not exceeding 900 mm (as per drawing) and two horizontal MS pipes of 12.5mm diameter (with 1.2mm wall thickness) welded at a distance of 300mm fixed to the surface with necessary civil works (at all floors levels staircase & Ramp areas) with necessary bends, flanges and base plates. Rate is inclusive of all materials, labours, lead, lift,etc. as per tender drawing and as directed by Engineer in-charge.</p>	Rmt	17.00		
8	DOOR & WINDOW WORK				
	<p>Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Architect-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)</p>				
i	<p>Casement window double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window above 0.75 sqm upto1.50 sqm).</p>	sq.mt	20.00		
ii	<p>Casement Ventilator double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window above 0.75 sqm upto1.50 sqm).</p>	sq.mt	2.60		
9	<p>WATER PROOFING AT TERRACE : Regrading terracing of mud phaska covered with tiles or brick, in cement by dismantling tiles or bricks, removing mud plaster, prepare the surface for Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade, then applying SikaBit® T 130 MG Atactic Poly Propylene (APP) modified bitumen-based waterproofing membrane with non-woven polyester felt reinforcement with natural mineral slate finish, then applying preparing the surface of mud phaska to proper slope, relaying mud plaster gobi leaping and tiles or bricks, grouted in cement mortar 1:3 (1 cement : 3 fine sand), including replacing unserviceable tiles or bricks with new ones and disposal of unserviceable material to the dumping ground (the cost of the new tiles or brick excluded), all complete as per directions of Engineer-In-Charge.,With average thickness of 120 mm and minimum thickness at khurra as 65 mm.</p> <p>Bidder need to insure that water proofing treatment given by him will render the structure completely lick-proof and the minimum life of such water proofing treatment shall be 10 years to be reckoned from the date after the maintenance period prescribed in the contract.</p>	Sq.Mt.	150.00		
10	<p>Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:</p>	Sqm	25.00		
	<p>(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours.</p>				
	<p>(b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.</p>				
	<p>The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.</p>				

11	Providing water proof plastering on top of chajjas in cement mortar 1:4 (1 Cement:4 C.Sand) , 20 mm thick including providing and removing scaffolding,, rounding of all corners wherever required smooth rendering etc. , complete mixing with water proof compound of approved make (Fosrock , Build plast chemicals) as per manufacturers specifications with a minimum of 150 ml per bag of cement used including curing etc., compete with all lead and lift charges for all heights.	Sq.mt.	10.00		
12	CINDER FILLING IN SUNKEN AREAS: Providing, filling the Toilet/bath rooms sunken areas using approved quality cinder (industrial waste slag) or broken brick jelly 20 mm gauge The proportion of broken brick jelly to slaked lime being 1:3:6 (1 part cement,3 part fine aggregate & 6 part broken brick jelly), in 6" layers, well beaten by wooden beaters for giving required slope and thickness required etc complete complying with standard specifications and as directed by Departmental Officers.	Cu.m	7.00		
13	Supplying and fixing 16-18mm thick minimum mirror polished Granite stone fixed in two colours as per the design & of approved quality for entrance steps, ramp and main staircase (steps, tread, riser, landing) including cutting in required shape & size fixed in cement mortar 1:4 (1 cement : 4 coarse sand). Item includes leading edges of stone in riser having round nosing. (complete as per the direction of Engineer Incharge) (Base Price Rs.2500/ Sqm without taxes)	Sq Mts	95.00		
14	Fixing Granite in for Pantry counter etc cutting and making complete in all respect including the pantry sink (size 600x600) and sink mixture and angle stop cock in pantry , P.V.C. waste pipe for sink including P.V.C. waste fittings 32mm dia up to trap complete in all respect as instructed by Architect/Engg. (Base rate 2500/Sqm)	Sq Mts	2.50		
15	Flooring :-Providing and laying 12mm thick Glossy Vitrified tiles of (600x1200) Johnson/Somany make or approved equivalent and of approved shade of size as per drawing in floors over 20mm (average) base of cement mortar 1:4 (1 cement :4 coarse sand) required thickness to match finished floor level mentioned and to match the neighboring floor finish and jointed with epoxy grout of approved shade from as/existing or equivalent brand all complete as directed complete. Rate to include forming pattern in the flooring like border, skirting, cut tiles, Protecting of the tile till hand over date by POP., etc complete in all respect. (Base rate of Vitrified tiles Rs. 900/- per Sq.mt). complete as directed by the Architect/Engineer incharge. Item to also include, all accessories, men material for a lift up to ground/first floor in the building for materials, pre-application preparation cleaning after the finish etc. complete.	Sq Mts	450.00		
16	Supplying and fixing rolling shutters of approved make,80x1.25 mm M.S. laths with 1.25 mm thick top cover made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. including ball bearing complete.	Sqm	15.00		
17	Supplying, fabricating, assembling, hoisting / erecting & fixing in position at all heights and with all leads, steel works of MS rolled / drwn sections (angle, channel, flats, tees, Bars, bolts etc.) as per structural drawings & as per detailed specifications (for materials & workmanship) in the situations described hereinafter including:				
i	In gratings, frames, guard bar, ladder, railings, brackets, gates,shade, chanel gate and similar works	KG	200.00		
18	STRUCTURAL STRENGTHENING WORK				
i	Cementitious Injection Grouting	Nos.	350.00		
	Drilling and Fixing Nozzles: Drilling holes (at a 45° angle to the concrete) as per requirement, in cracks, honey combs and Fixing nozzles (PVC) on the drilled holes using PMM. There will be gap to form a grid of 2'X 2' interval between each nozzles.				

	Injection Grouting: Injection of polymer/ plastizers/ non shrunk compound (FOSROC) admixed slurry to required viscosity at a pressure into a fixed nozzle (Filling will be done till rejection to further filling) with pressure of 4 psi on horizontal surface and 6 psi on vertical surface. Immediately after grouting the nipples should be plugged with PMM including repairing and filling of cracks and joints with 1:3 cement sand mortar admixed with suitable SBR polymer 10% by weight of cement.				
ii	Surface Preparation and Guniting	Sq. Mt.	135.00		
	Cleaning the surface from any dust, alien particles. Ensuring that the surface is sound, clean and free from irregularities, sharp projections, loose particles, oil and contaminants which can decrease the adhesion of the waterproofing with surface.				
	Guniting				
	Providing and fixing hard drawn welded wire mesh of size 4" X 4" (10g / gauge), Making hole and providing 6mm Dowels @ 3' C/C and firmly anchored to the concrete surface by suitable means. Cleaning the area under air & water pressure to receive the gunite. Guniting by dry mix process as per I.S. 9012 (1978) to ceilings, soffit & sides etc. in C.M. 1:3 proportion with admixture (guniting air i.e. microsilica or sifumex-100 D powder) and 50 mm thick under pressure 2.1 Kg to 2.8 Kg per Sq. cm. Up-to 40 mm thick average on vertical surface and up-to 50 mm thick average on horizontal surface gunite.				
	TOTAL OF CIVIL & WATERPROOFING WORK				
(C)	TOILET RENOVATION WORK				
1	Toilet Wall & Floor tiles				
a	Providing and laying Glazed Ceramic floor tiles of size 600x600 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, in all colours, shades, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., (complete as per the direction of Engineer Incharge) (Base Price Rs.750 Per sqm excluding tax)	Sq Mt	25.00		
b	Providing and fixing 300x600 ceramic tiles dado on walls in two or more colours as per design in toilets and kitchen. The tiles to be fixed with white cement on the base plaster. The joints in the tile to be filled with white cement mixed in colour pigment to match the colour of tiles.(complete as per the direction of Engineer Incharge) (Base Price Rs.750 per sqm excluding tax)	Sq Mt	107.00		
2	PLUMBING WORK				
a	Providing and fixing European type wall hung WC (Make: Parryware, Cera, Hindware or approved. WC Cardiff for toilet, with C.p brass hinges and rubber buffers, with concealed cistern and jet spray with glossy chrome push plate with fitting & C.I. / M.S. bracket, 40mm flush bend, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.(complete as per the direction of Engineer-in-charge) (Base Price Rs.20000/ No.without taxes)	Nos	6.00		
b	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :(Base Price Rs.13000/ No.without taxes)				
i	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Nos	3.00		
c	Providing & fixing counter top basin (Parryware, Cera, Hindware or approved) with all accessories, 32mm C.P brass waste, bottle trap, etc. include painting of fittings and brackets, cutting and making good the walls and floors wherever required. (Base Price Rs.6000/ No.without taxes)	Nos	6.00		
d	Providing and fixing toilet Mirror on wall with 6mm thick clear glass mirror with bevelled edge fixed over 6mm water proof ply finished in teak wood moulding 2"x1". The moulding to be finished in melamine polish (complete as per the direction of Engineer-in-charge) (Base Price Rs.2500/ No.without taxes)	Nos	6.00		
e	Providing and fixing liquid soap dispenser glass bottle including fixing to the wall with wooden cleats and CP brass screws, cutting walls and making good the same, (complete as per the direction of Engineer-in-charge) (Base Rate Rs.1100)	Nos	6.00		

f	Providing and fixing C.P. brass toilet paper holder including fixing to the wall with wooden cleat and CP brass screws, cutting walls and making good the same, (complete as per the direction of Engineer-in-charge). (Base Price Rs.1400/ No.without taxes)	Nos	6.00		
g	Providing and fixing towel rail 600mm long of complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality. (complete as per the direction of Engineer-in-charge) (Base Price Rs.1400/ No.without taxes)	Nos	6.00		
3	Providing & fixing Heavy grade CP finish Brass fittings including making connections, cutting walls & making good the same etc.complete. (complete as per the direction of Engineer-in-charge)				
a	15mm nominal bore BIB cock (Base Price Rs.1200/ No.without taxes)	Nos	6.00		
b	15 mm nominal bore angular stop cock (Base Price Rs.1000/ No.without taxes)	Nos	3.00		
c	CP Mixer single lever basin mixer (Base Price Rs.3200/ No.without taxes)	Nos	3.00		
d	Pillar cock (Base Price Rs.1500/ No.without taxes)	Nos	6.00		
e	Hand shower(Health Faucet) (ABS body) with 8mm Dia, 1 Mt. long Flexible tube & Wall hook (Base Price Rs.1500/ No.without taxes)	Nos	6.00		
f	Providing and fixing Cp brass 110mm Dain cover jali complete.	Nos	6.00		
4	Providing and fixing UPVC soil pipes confirming to IS:1729 on walls including filling the joints with specialised jointing solutions and fixed with G.I. clamps embedded in cement concrete blocks 100x100x100 of 1:2:4 (1 cement :2 coarse san:4 stone aggregate) including cutting holes and making good the walls etc. item includes Providing and fixing UPVC pipes specials such as door bend, horn bend, plain bend, cowls, sockets, door "T", 'Y' and 'T' junctions(both single and double etc. including fixing with cement jute admixture complete as directed.				
a	For 100mm pipes	R.Mt	50.00		
b	For 150mm pipes	R.Mt	35.00		
c	For 75mm pipes	R.Mt	50.00		
5	Providing and fixing UPVC cowls for 100 mm pipes	Each	3.00		
6	Providing and fixing on wall face unplasticised PVC moulded fittings/ accessories for unplasticised rigid PVC pipes conforming to IS : 13592 type A, Including jointing with seal ring conforming to IS : 5382, leaving 10mm Gap for thermal expansion.				
	Single tee with door				
a	75x75x75mm	Each	4.00		
b	110x110x110mm	Each	4.00		
7	Bend 87.5*				
a	75 mm bend	Each	12.00		
b	110mm bend	Each	12.00		
8	Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised PVC pipes by means of 50x50x50mm hardwood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4(1cement : 4 coarse sand) and making good the wall etc. complete				
a	75mm	Each	12.00		
b	110mm	Each	15.00		
	WATER SUPPLY				
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (NOTE: Concealed work, including cutting chases and making good the walls etc.)				
a	25 mm nominal outer dia Pipes	R.Mt	60.00		
b	18/19 mm nominal outer dia Pipes	R.Mt	75.00		
10	Providing and placing on terrace (for any floor levels) Polyethylene water storage tank ISI:12701 marked indicating the BIS licence no. with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipe but without fittings and base support for tanks (Sintex, electroplast or approved having valid ISI license)(complete as per the direction of Engineer-in-charge)	Ltr.	5000		

	TOTAL OF TOILET RENOVATION WORK				
(D)	FIRE FIGHTING SYSTEM				
1	Supply, Erection, Testing and commissioning of Terrace fire pump located at terrace level capable of delivering 450 LPM 30M HEAD capacity complete with adequate HP. Electric driven mono-block type Centrifugal pump with squirrel cage motor with bronze impeller etc (complete as per the direction of Engineer-in-charge)	Per set	1.00		
2	Underground MS, ERW piping conforming to IS:1239 (I) medium complete with IS:1239/ Meter fittings from parent pipes, wrapping & coating with 4 mm factory tape (15% overlap) including excavation in soft soil and backfilling with soil only(complete as per the direction of Engineer-in-charge)				
	100 NB	Rmt	40.00		
3	Above ground MS, ERW, black, medium piping conforming to IS: 1239 (I) including fittings conforming to IS:1239 (II) & painting(complete as per the direction of Engineer-in-charge)				
i	100 NB	Rmt	25.00		
ii	80 NB	Rmt	35.00		
iii	50 NB	Rmt	12.00		
iv	25 NB	Rmt	10.00		
4	S/F Cast Iron Wafer type Butterfly valves of PN 1.0 rating with matching Flanges, NB & G (complete as per the direction of Engineer-in-charge)				
i	100 NB	Each	2.00		
5	S/F 2 Way Gun Metal Fire Brigade connection complete with built in check valve and 100 NB isolation Butterfly valve (complete as per the direction of Engineer-in-charge)	Each	1.00		
6	Small bore Hose Reel of 19 mm dia x 30 m long complete with 25 NB brass gate valve and 6 mm dia nozzle (complete as per the direction of Engineer-in-charge)	Each	4.00		
7	Providing and placing on terrace (for any floor levels) Polyethylene water storage tank ISI:12701 marked indicating the BIS licence no. with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipe but without fittings and base support for tanks (Sintex, electroplast or approved having valid ISI license)(complete as per the direction of Engineer-in-charge)	Ltr.	3000.00		
	TOTAL OF FIRE FIGHTING SYSTEM WORK			(D)	
(E)	INTERIOR & RENOVATION WORK				
1	CASH CABIN :				
a	Supply and installation of cash counters as per detail drawing in 19mm thk Bwr ply, finished with 1mm thick Laminate of approved make top & front faces up 4'- 0"ht. complete in all respect handles 4"high skirting and polishing to exposed surface.including drawers, locks and lipping/pvc tape to be provided at every exposed section of board & ply Sliding channels for key board & drawers to be provided at top 3'- 0" ht.front 12 mm thk toughened glass erected including cutting of window for transaction/ between the customer and Cashier or officer. all internal surfaces to be finished with 0.8 mm laminate . (Including front side 4'- 0" ht. 12 mm thick HDHMR board with CNC cutting, finishing with Royale Matt PU Polish of desired shade design and gloss of approved makes complete) (Refer Architectural Drg.) (Annexure - 1)	R Mts	2.00		
b	Supply & installation of partition wall in cash cabin counter made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply finished with 1mm thick Laminate up to 4'.0" ht & then 2'.0"/2'- 6" ht 12mm thick glass on top of partition wall fixed with ply wood pillars at end.The rates include the doors in between the partition including hardware items like door closures, godrej sylindrical locks etc.complete in all respect. Including top of partition sides and front yellow bend finished.(Refer Architectural drg)	Sq Mts	5.00		

2	PAINT WORK				
a	Providing and applying three coats of pre-approved Plastic acrylic emulsion paint to walls, partitions etc. including surface preparation with two coats of putty, primer and sanding all complete. With the necessary drying periods for each coat. The final finish should be of a uniform and neat finish to the satisfaction of the Architect. Cost to include for all heights and surfaces , complete in all respect (Low VOC contain paint) Make: ICI DULUX ,Asian Paints.	Sq Mts	385.00		
b	Providing and applying plaster of paris (super fine quality) punning with minimum thickness of 6mm and finish the surface smooth in line and also making groove, level to the entire satisfaction of Architect including scraping and hacking the existing finished surfaces, scaffolding etc. complete in all respect	Sq Mts	75.00		
c	Painting two coats of enamel paint (Asian/BERGER) including scrubbing, sand paper, making base applying primer etc complete in all respect in , grills etc.complete in all respect	Sq Mts	140.00		
d	Providing two coats of painting with exterior grade weathershield Emulsion paint of approved brand, shade & manufacture over a coat of primer including preparing the surface to receive the paintings for External walls at all levels with primer etc. complete as specified including all other necessary related work, leads & lifts etc.as specified in the drawings, specifications and as directed by Project Manager. Rate is inclusive of old paint remove and surface preparation to line & level with all necessary tools & tackles, etc. maintaining proper line, level and grooves, as specified (Including Scaffolding for all heights).	Sq Mts	210.00		
3	False Ceiling:- (Measurement shall be taken of the plan area only) Suspending system and frame work shall match to compliment the layout of A.C. Ducts / grills, electrical / fire protection wiring / fixtures, Return /supply Air grills etc. Rate to include provision of extra frame work needed due to layout referred above and fixtures etc. Rates to include necessary scaffolding.				
a	Gypsum Board False ceiling :- Providing & fixing Gypsum Board False ceiling with Saint Gobain "ULTRA" Main ceiling sections at 1200 c/c & Cross members at 450 c/c. The grid work to be suspended from ceiling with Hangers at every 1200 c/c both directions, as per manufacturer's specifications. False ceiling is finished with 12.5 mm thk. to be screwed to the frame. The board is finished with filling the tapered edges of the board with jointing compound and finishing with PAPER tape of INDIA GYPSUM. including ceiling is finished with acrylic Emulsion Paint with base as per approved manufacturer. The item includes all necessary cut outs for electrical / air conditioning grills and necessary frame work for them. Item includes Coves, curves, drops etc. (Only Plan area is considered for area calculations)	Sq Mts	120.00		
b	MODULAR FALSE CEILING - FINE FISSURED MICROLOOK WITH SILHOUETTE GRID(BLACK REVEAL) Providing and fixing false ceiling system manufactured by M/s. Armstrong World Industries using hollow 25mmx50mm Aluminium Tube section, rotary stitched main tee of size 15mm x 42 mm web height, having 0.36 mm gauge at every 600 mm centre to centre maximum and rotary stitched cross tee of size 15 mm x 42 mm, having 0.33 mm gauge at every 600 mm. c/c. and wall angle of size 19 x 19 mm., having 0.35 mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c. in both directions using 2.0 mm. thick prestraigthened GI wire laying FINE FISSURED MICROLOOK WITH SILHOUETTE GRID(BLACK REVEAL) ceiling tiles manufactured by M/s. Armstrong World Industries, of size 600mmx 600mmx 15mm having NRC 0.55, Light reflectance of >84% (WT), thermal conductivity k = 0.052-0.057 W/m0K, Humidity Resistance of 99% , having Fire Performance CLASS O / CLASS 1 (BS 476), surface having 3 coats of white paint with Fine Fissured, back of the tile duly sanded and finished with a coat of protective paint over the formed grid complete.(Branch).	Sq Mts	85.00		

c	Gypsum Board Circular Ceiling :- Providing & fixing Gypsum Board round False ceiling with Saint Gobain "ULTRA" Main ceiling sections False ceiling is finished with 12.5 mm thk. to be screwed to the frame. The board is finished with filling the tapered edges of the board with jointing compound and finishing with PAPER tape of INDIA GYPSUM. The ceiling is finished with acrylic Emulsion yellow/green colour Paint including base as per approved manufacturer. The item includes necessary frame work for them. Item includes Coves, curves, drops etc. (Annexure - 2)				
i	600 dia x 50 mm (LxH) Yellow colour	Nos	6.00		
ii	450 dia x 50 mm (LxH) Green colour	Nos	6.00		
d	BAFFLE CEILING				
	Supply and fixing of Baffle ceiling system includes suspending secondary C channel (40mm x 0.8mm thick with two flanges of 15mm & 20mm) from the soffit at 1200mm centers with adjustable level clips & 4mm diameter GI rod which are connected to Soffit Cleat and Approved Fasteners @1200mm centers or as approved. Then 0.5mm thick Galvanized Baffle carrier profiles of size 34x23mm are then fixed to C carrier with the help of approved screws and in perpendicular direction to the C channel at 1200mm max centers. Then 25X100mm Baffle Panels of 0.50mm thick Powder Coated GI with 50 to 60 microns polyester paint thickness along with 5 mm lip of wooden finish or as approved. These panels to be secured with Baffle carrier by interlocking their lips into the baffle carrier lock profile @100mm regular intervals (c/c spacing) . Provide both side end cap and top cap at every baffle panel end edges and top edges.The rate includes all required shuttering , scaffolding, labor,material complete in all respects to the complete satisfaction of the Architect. Colour as per selection of architect/ Engineer. (Make - USG Knoff / Armstrong) Selection of architect/ Engineer. (Make - USG Knoff / Armstrong) (Annexure - 3)	Sq Mts	25.00		
e	Ceiling Paint In Hall Areas, etc.)				
	Providing and applying desired paint (Gray/Black) luster Paint as approved shade finish to Roof Ceilings Behand of WPC Baffle Ceiling of approved shade. The surface of wall to be painted shall be prepared and applied with two coats of primer, two coats of putty and touch up putty if required to achieve smooth finish.The surface shall be painted with two coats of luster paint of (Nerolac/Berger/Dulux/ Asian/ ICI)	Sq Mts	50.00		
4	LOW HEIGHT PARTITION				
	Providing and Fixing of low height wooden partition (up to 4'-0" height) made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply finished with 1mm thk Laminate as per approved colour,design, shape and size, inculding on top Teak wood lipping 6mm thk as required to be provided at every exposed section of ply inculding Anti Termite Treatment complete in all respect and satisfacation,instructed by Architect/Engg.The work shall also include the cost of making cut-outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.) note :- Including laminate all type top borders and skirting.	Sq Mts	15.00		
5	FULL HEIGHT WOODEN GLAZED PARTITION WITH ONE SIDE LAMINATE AND OTHER SIDE LAMINATE & HDHMR BOARD WITH CNC CUTTING FINISHED)				

	Providing and Fixing of full height wooden glazed partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws. Frame size 50 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour,design, shape and size, & 12mm thick toughened glass panel fixed upto 8'-0"ht. including all exposed surface with teak lipping 6mm thk as required and instructed by Architect and teak wood door frame in between the partition. including Anti Termite Treatment.Complete in all respect and satisfaction of Architect/Engg.(Including fixing partition outer side 12 mm thick HDHMR board with CNC cutting, finishing with Royale Matt PU Polish of desired shade design and gloss of approved makes complete) (Refer Architectural Drg.) Including laminate all type borders and skirting. (Annexure - 4)	Sq Mts	8.00		
6	Providing & fixing 12mm toughened glass fixed partition upto the false ceiling height. The glass fixed with S.S channel inserted in floor and fixed to wooden member in the false ceiling. The size of glass to be bigger in width. The edges of glass to be polished and if joints are needed the joints to be filed with matching silicon complete.	Sq Mts	19.00		
7	FULL HEIGHT SOILD PARTITION BOTH SIDE LAMINATE				
a	Providing and Fixing of full height wooden partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour,design, shape and size, including all exposed surface with teak lipping 6mm thk as required and instructed by Architect and teak wood door frame in between the partition. including Anti Termite Treatment. Complete in all respect and satisfaction of Architect/Engg.The work shall also include the cost of making cut-outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.) Note :- Including laminate all type top borders and skirting.	Sq Mts	55.00		
b	FULL HEIGHT SOILD PARTITION WITH ONE SIDE LAMINATE AND ONE SIDE LAMINATE & HDHMR BOARD WITH CNC CUTTING FINISHED)				
	Providing and Fixing of ATM Cabin full height wooden partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply with 1 mm thk. both side Laminate and on the laminate finished with one side 12 mm thick HDHMR board with CNC cut moulding and cornices , including Anti Termite Treatment. Complete in all respect and satisfaction of Architect/ Engg . (HDHMR board finished with finishing with Royale Matt PU Polish of desired shade design and gloss of approved makes complete). Including all accessories such as screws, ATM UPS room door with same above specifications and other. Complete all respects. (Annexure - 6)	Sq Mts	15.00		
8	Providing and fixing wicket gate made of Aluminium frame 25mmx50mm covered with 9mm ply of approved make. Both side of ply shall be finished with1mm thick laminate of approved colour over teak wood lipping (1/2" thick) is fixed on all four edges. Laminate colour scheme to be followed as per drg./design gate is properly fixed with clip hinges/spring hinges to low height partition and is openable in both directions. Approved make lock along with powder coated brass handle and tower bolt is fixed as per design/drawing. All work to be done complete in all respects.	Sq Mts	2.00		

9	12mm thick Toughened glass for officer table :- Providing and fixing 12 mm thick, clear plain toughened glass for tables front & top with superior quality stainless steel patch fittings of ebco/godrej/ozone. All the edges of the glass shall be grinded/bevelled and polished. The glass shall also be etched as per the design. Glass area with maximum height shall be measured for the purpose of payment. The work shall be carried out as per drawings.	Sq Mts	12.00		
10	DOORS				
a	Providing and fixing patch fitting Single and double door with 12mm thick toughened glass (As per approved design & name/logo) with glass fittings & two way floor springs (DORSET, OZONE or equivalent make). The item includes providing and fixing S.S. handle 450 mm long on both side of glass, locks and fittings as per the manufacturer's specifications. complete to the satisfaction of Architect/ Bank's Engg	Sq Mts	7.00		
b	Providing and fixing 35 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items / finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts,Door Closer,Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing poilishing etc including preparing base.	Sq Mts	12.00		
11	PANELLING BRANCH & ATM				
a	PANELLING WITH LAMINATE				
	Providing and Fixing of wooden Panelling of wall on hall and column made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 25 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour,design, shape and size, including Anti Termite Treatment complete in all respect and satisfaction of Architect /Engg. The work shall also include the cost of making cut-outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.) Including laminate all type Borders and skirting.	Sq Mts.	185.00		
b	Providing and fixing 1mm thick and 12/18 mm wide SS Rose gold T profil Patti on panelling/Partition. Complete in all respect and satisfaction of Architect /Engg.	Rmt	10.00		
c	PANELLING WITH LAMINATE & HDHMR BOARD WITH CNC CUTTING				
	Providing and Fixing of wooden Panelling of wall on hall and column made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws.Frame size 25 x 50MM with 9 MM thick BWR Ply with 1.00 mm thk. Laminate finished with 12 mm thick HDHMR board with CNC cut moulding and cornices , including Anti Termite Treatment.Complete in all respect and satisfaction of Architect/Engg. (HDHMR board finishing with Royale Matt PU Polish of desired shade design and gloss of approved makes complete). The work shall also include the cost of making cut- outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.) Including laminate all type Borders and skirting. (Annexure - 7)	Sq Mts.	15.00		

d	WALL PANELING (WPC LOUVERS) :- Providing and Fixing of WPC Louvers Panelling of wall and column made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws. Frame size 25 x 50 MM with 9 MM thick BWR Ply with panelling to be finished with high-grade material WPC louvers panel 25mm thk. & 6" wide on wall and Column as per the architectural drawing and design. The work shall also include the cost of making cut-outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.) Including laminate all type Borders and skirting.	Sq Mts.	12.00		
e	Artificial vertical garden/panelling :- Providing and fixing PVC vertical garden with artificial plants (big ferns on ficus leaves with flowers), stands, pots fixed with walls/partition/Panelling complete in all respects as per design given . The rates quoted are inclusive of making of niches, 1 mm thk. laminate over the 12 mm thk ply, adhesive etc. labour scaffolding etc. complete in all respects to give the desired look and finish as per drg. The work shall also include the cost of making cut-outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.)	Sq Mts.	7.00		
f	Panelling of wall up to ceiling level made of 9 mm ply, mica 1mm thick of approved make fixed up to ceiling height including required material and others. Complete all respects. The work shall also include the cost of making cut-outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.) Including laminate all type Borders and skirting.	Sq Mts.	15.00		
g	Providing and fixing 12mm MDF board with CNC cutting on existing ply with (HDHMR board finishing with Royale Matt PU Polish of desired shade design and gloss of approved makes complete) (Refer Architectural Drg.) Including all accessories such as screws and other. Complete all respects. The work shall also include the cost of making cut-outs for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical /telephone /Data cabling etc. Complete in all aspects as per architectural drawings and as per engineer incharge and architect. (Refer Architectural Drg.) Including laminate all type Borders and skirting.	Sq Mts.	5.00		
h	Providing and fixing of 8-9 mm thick Laminated wooden flooring for Manager cabin with a surface abrasion resistance of class AC4, with 0.2mm thick wear layer on top of a High Density Fibre substrate core of plank having uniline locking arrangement with an made of Armstrong natural colour foam, with accessories like Skirting, end profile, door profile, transition profile, reducer etc. complete. Make- ARMSTRONG/ AMBIENCE PLUS/ PERGO /vista. Length and breadth of superficial areas of the finished work shall be measured for payment. (Base Price Rs.1500/ Sqm. without taxes)	Sq Mts.	10.00		
i	Providing and Fixing of wooden Panelling of wall on hall and column made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws. Frame size 25 x 50 MM with 9 MM thick BWR Ply with 4mm veneer in approved colour, design, shape and size, including Anti Termite Treatment. Complete in all respect and satisfaction of Architect/Engg. (Base Rate of veneer to be 150/Sft) The veneer to be finished with PU polish complete with base as required.	Sq Mts.	15.00		
12	STORAGE				

a	Providing and fixing Storage cabinet 380 mm deep and 750/1200 mm high length as/deign as shown in details with top all sides, shelves to be 18-19 mm thk. BWR ply with 9 mm BWR ply to be fixed at the back finished with 0.8mm laminate. The shutters/sides/top to be 18-19mm BWR board/ply ,finished with 1mm thk laminate. All internal surfaces to be finished with 0.8 mm laminate . All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, soft closing hinges, locks, etc. (Make- Godrej, Dorset, Dorma, Aspa) complete to the satisfaction of Architect /Bank's Engg. (Only front elevation to be considered for area calculation)	Sq Mts	15.00		
b	Providing and fixing Storage cabinet 450mm deep and 2100 mm high length as/deign as shown in details with top all sides, shelves to be 18-19 mm thk. BWR ply with 6mm BWR ply to be fixed at the back finished with 0.8mm laminate. The shutters/sides/top to be 18-19mm BWR board/ply,finished with 1mm thk laminate. All internal surfaces to be finished with 0.8 mm laminate. All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, soft close hinges, locks, etc.(Make- Godrej, Dorset, Dorma, Aspa) complete to the satisfaction of Architect /Bank's Engg. (Only front elevation to be considered for area calculation)	Sq Mts	62.00		
c	Providing and fixing storage cabinet (below platfrom) in pantry The Front frame and shutters inculding partition to be 18-19mm BWR ply finished with 1.0 mm thk laminate. All internal surfaces to be finished with 0.8 mm laminate. All edges of shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, soft closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. Only front elevation to be considered for area calculation.	Sq Mts	3.00		
	FURNITURE				
13	Manager table to have 18-19 BWR Ply , finished with 1mm thk Laminate all edges of table and front or side. All internal surface of table to be finished 1.00 mm lamintae.Drawer unit to be made from only FASCIA 19mm BWR ply but the inner drawers made from 12mm Bwr Ply.and 19mm BWR ply FASCIA finished with 1mm thk Laminate .The drawers to run on telescopic drawer channels (Hettich, Kaff, ozone). Drawer units to have two smaller and one bigger drawers.and locking arrangement (Godrej/ Hettich/ Dorset). Inculding All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, the rate to include all hardware such as drawer channels, S.S handles, single lock(Make- Godrej, Dorset, Dorma, Aspa) for three drawers etc. The item also includes a key-board trayrunning on telescopic channel, made from 19mm BWR Ply finished with 0.8mm laminate on top and teakwood round moulding in front (size of key board 560x450) readymade CPU trolley with castors etc. Including 8 mm flot glass black for table top. The table size is taken to be 1800mm wide x 900mm depth x750mm height.(As per drawing) (Annexure - 8)	Nos	1.00		
14	Providing and fixing Side Credenza/ table made from 19mm BWR Ply for sides, shelves, top and shutters. The table exposed areas front,top and sides to be finished in 1mm thk Laminate All internal surface of table to be finished with 0.8 mm laminate , all edges of table Inculding All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details,complete with base as required. Item includes all hardware such as soft closing hinges, SS handles, Locks etc.(Make- Godrej, Dorset, Dorma, Aspa) complete. Rest of specifications to be same as for main furniture. size of side table 900 x380 x 675.(As per drawing)	Nos	4.00		

15	Table to have 18-19 BWR Ply , finished with 1mm thk Laminate all edges of table and front or side. All internal surface of table to be finished with 0.8 mm laminate.Drawer unit to be made from only FASCIA 19mm BWR ply but the inner drawers made from 12mm Bwr Ply.and 19mm BWR ply FASCIA finished with 1mm thk Laminate .The drawers to run on telescopic drawer channels (Hettich, Kaff, ozone). Drawer units to have two smaller and one bigger drawers.and locking arrangement (Godrej/ Hettich/ Dorset). Inculding All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details.Footrest of 75x50mm 2nd class teakwood member to be fixed for each table with Deco paint on expoeed teak wood surface /lipping, the rate to include all hardware such as drawer channels, S.S handles, single lock for three drawers etc. The item also includes a key-board tray running on telescopic channel, made from 19mm BWR Ply finished with 0.8mm laminate on top and teakwood round moulding in front (size of key board 560x450) readymade CPU trolley with castors etc The table size is taken to be 1200mm wide x 600mm depth x750mm height or As per drawing) (Annexure - 9)	Nos	5.00		
16	Reception Table Providing and fixing at site reception table made of 19mm thk. BWR ply with 1 mm thk laminate of desired shade and with front vertical surface pasted with fluted MDF . CP Teak wood lipping will be provided on all edges of the table, including PU polish. The work shall also include provision of Profile Lights in front of Counter/ Tables. and There shall be provision of one storage cabinet 1'- 3" wide.The frame shall be made with 19mm thick commercial ply. The cabinet shall have Three lockable drawer running on side mounting drawer slides (channels) (Makes-Hettich / Haffele/ Godrej/Ozone) of approved make & one cupboard with shutter beneath the drawer, made of 19mm thick commercial ply finished with 1mm thick laminate of desired shade & design. All fitting / accessory shall be of approved make. The sides of the drawer shall be made of 12mm thick plywood, bottom of 6mm thick BWR ply front of 19mm thick BWR Ply.Inculding All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details. Including 8 mm flot glass black for table top.All internal surface of table to be finished with 0.8 mm laminate. The table size is taken to be 1200mm wide x 600mm depth x750mm height.(As per drawing) (Annexure -10)	Nos.	1.00		
17	TROPHY CASE 1'-6"x6'-0" HIGH FOR BRANCH MANAGER.				
	Providing and fixing Manager cabin Trophy Case of size (18" W, upto ceiling height) made up of 19mm thk BWR ply with 1mm thk laminate of approved shade and provision of light points for profile light with partition made in 12" gap from each other as per architectural drawing.Inculding All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, Complete with closing of all joints and accessories complete in all respect as per direction of Engineer-In-Charge. Measurment will be done for front surface area.(As per drawing) (Annexure -11)	Sq Mts	2.00		
18	Providing & fixing Writing table (as/design) with size -600x450mmx300mm made out of 19mm thick BWR ply finished with 1mm thk.laminate both side and 8 mm thick clear float glass on top.Inculding All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details. (As per drawing)	Nos	1.00		
19	Providing & fixing in position Cheque drop box (as/design) with hinged shutter of size - 450mmx600mmx300mm made out of 19mm th water proof Bwr Ply finished with 1mm thk laminate. The hinged shutter shall be made out of teak wood frame workwith 6mm th. Float glass. Inculding All edges of sides, shelves	Nos	1.00		
20	Providing and fixing notice boards with 19mm and 9mm BWR Ply finished with 1.0 mm thk. Laminate. notice board sides 38mm and back to have 9mm thk BWR Ply with 1.0mm thk. laminate . Item includes all hardware complete including All edges of ply to have 2mm PVC Edge binding tape and 19 mm double board for making cove 100 mm as per details. Including all accessories such as screws and other. Complete all respects.(As per drawing) (Annexure -12)	Sq Mts	4.00		

21	Providing & fixing in position complaint /suggestion box (as/design) with hinged shutter of size - 450mmx 600mm made out of 19mm th water proof Bwr Ply Finished with 1mm th laminate. The hinged shutter shall be made out of teak wood frame work with 4mm th. Float glass.(As per drawing).(As per drawing)	Nos	1.00		
22	Providing and fixing of 3M film CRYSTAL as per design.	Sq Mts	15.00		
23	Providing and fixing vertical blinds of approved shade and texture (Vista/Hunter douglas)	Sq Mts	10.00		
24	Supply and installation of boxing of rolling shutter with 4mm ACP Sheet consisting of 3mm tk FRgrade mineral core Sandwiched between two aluminium sheets (.5mm thick) with 25 x 25 mm aluminium tube at spacing 600 x 600 of approved make.	Sq Mts	6.00		
25	Antitermite treatment (Pest Control) for entire floor area and hidden woodwork with 5 year Guarantee certificate complete.	Sq Mts	220.00		
	MISCELLANEOUS WORK				
26	PSB LIT UP RECTANGULAR LOGO (3'-0" X 2'-0")				
	Providing and making PSB logo using acrylic signage logo with light . Complete in all respect as per direction of Engineer-In-Charge.	NO.	2.00		
27	PSB RECTANGULAR LOGO (3'-0" X 2'-0")				
	Providing and making PSB logo made of SS and PVD coated in rose gold . Complete in all respect as per direction of Engineer-In-Charge.	NO.	1.00		
28	Applying and fixing of banks Etching Rectangular logo sticker as per drawing and design Complete.	NO.	12.00		
29	PELMETS :- Providing and fixed pelmet of overall size 150mmx150mm and made hardwood framings hung from ceiling @1000mm centre to centre with 2 nos of 6mm thk. Commercial ply on vertical & 12mm thk. Commercial ply on horizontal surface (straight & curved).	Rmt	7.00		
	TOTAL OF INTERIOR & RENOVATION WORK			(D)	

BOQ (BILL OF QUANTITY) OF ELECTRICAL WORKS FOR PUNJAB AND SIND BANK					
S.No.	DESCRIPTION				AMOUNT
(D)	ELECTRICAL WORKS				
A)	MV PANEL BOARDS				
B)	MV CABLES				
C)	DISTRIBUTION BOARDS				
D)	POINT WIRING				
E)	TELEPHONE SYSTEM				
F)	COMPUTER DATA NETWORKING				
G)	SUPPLY & INSTALLATION FANS FIXTURES & LIGHTS				
H)	EARTHING				
I)	SECURITY ITEMS				
J)	DISMANTALING				
	TOTAL OF ELECTRICAL			(D)	
	PREAMBLE TO BOQ				
1.0	The work shall be executed as per relevant specification and drawings.				
2.0	All material and equipment shall be as per specification and as per approved makes of material. Where specifications are not available the material shall be as per Indian standard specifications. The quantities and capacities of the equipments shall meet the requirement for successful completion of the work.				
3.0	The installation and testing shall also be as per specifications and as per direction and satisfaction of Engineer in charge.				
4.0	Contractor shall submit the shop drawings for approval by consultants / Engineer in charge. The work shall be carried out as per the approved shop drawings.				
5.0	Panels shall be fabricated as per specifications after approval of fabrication drawings by consultant / Engineer incharge.				
6.0	All Electrical panel must have provision of potential free contacts for BMS/FAS.				
7.0	All Electrical panel must have digital type energy meter with RS 485 port.				
8.0	The rates of all the items of the BOQ shall include the cost of :-				
i)	All materials, fixing hardware, accessories, tools and plants, freight, insurance, labour, taxes, duties, testing commissioning and of the work, as per specifications and drawings.				
ii)	Wastage on material and labour.				
iii)	Loading, unloading, handling charges, hoisting the material to all upper levels.				
iv)	Execute the work as per specifications and drawings to the full satisfaction of engineer incharge.				
v)	All liabilities, obligations and risks arising out of conditions of contract.				
vi)	All requirements for successful completion of the work whether mentioned in BOQ, specifications and drawings or not.				
vii)	In the event of conflict between BOQ, specifications and drawings, the most stringent shall apply. The decision of Architect / Engineer incharge / Consultant shall be final and binding.				
9.0	The quantities of the items in the BOQ are for general guidance only based on the consultants drawings and documents. The contractor shall be paid for actual quantities as per schedule rates.				
10.0	Contractor shall visit the site before quoting the rates and satisfying himself about the working conditions. Since this is a tall building, hoisting the material to upper levels may be taken into account while quoting the rates. No extra claim on this account shall be entertained.				
11.0	Approval of all makes of material to be supplied out of approved list, shall be obtained by the contractor. Sample of the material shall be kept at site to check with the material actually installed at site.				
12.0	Engineer in charge may get the material tested at authorized labs. In case material is found under specifications as per IS, same shall be replaced by the contractor. The test fee for 1 st test shall be borne by the client but for subsequent test, fee due to failure of first sample, would be borne by the contractor.				

13.0	Testing and commissioning shall be carried out as per IS 732-1989 for the installation. The record of test results shall be maintained and submitted to the engineer in charge who would check the same at random.				
14.0	The tender shall be filled in ink and any cutting / overwriting shall be attested by the tenderer. Rates shall be quoted both in figures and words. If there is discrepancy between the rates in figures and words, then rates in words shall be final.				
15.0	Totaling errors or missing amounts shall be corrected and incorporated in tendered amount.				
16.0	Continuous earth wire shall run alongwith circuit wiring and point wiring. All switch boxes and fixtures shall be earthed. Only solid conductor earth wire shall be used for earthing.				
17.0	Where only conduits are laid for other services 16 SWG steel wire shall run in the conduit for pulling the wires at later date, by other agencies.				
18.0	Tenderer may note that there are lot of RCC walls in which conduits and outlet boxes switch boxes are to be provided. Costing of such walls shall be done with mixer shutterings. Conduits and boxes shall be laid before pouring the concrete. The outlet boxes, J.bboxes, switch boxes shall be touch welded to the reinforcement before concreting. Only deep metallic J.bboxes shall be used with PVC conduit as well.				
19.0	All connections shall be through, aluminium ferrules for aluminum conductors and copper ferrules for copper conductor cables.				
20.0	Earth wire with point wiring, circuit wiring, shall be of green colour with solid conductor.				
21.0	DBs shall be circuit numbered.				
22.0	As built drawing shall be prepared by the contractor after successful completion of the work these drawings shall incorporate the actual layouts, routes of cables and conduits with sizes, locations of outlets, DBS switch rooms panel, Tag blocks EPABX, Switches servers, fire detectors, zonal and main fire panels, location of CCTV cameras, monitors, etc. sets of blue prints of switch drawings shall be submitted to the Engineer incharge for verification with actual layout at site and for record.				
S. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE (Rs.)	AMOUNT(Rs.)
A)	MV PANEL BOARDS				
	Design, fabrication, loading, unloading at store, installaton, testing & commissioning as directed by Engineer-in-Charge, of LT Panels fabricated out of 2mm thick for structural members (Load bearing members) and 1.6mm thick for door and covers (Non load bearing members) CRCA sheet in cubicle compartmentalize free standing floor mounted, dust and vermin proof with reinforcement of suitable size angle iron, channel 'T' irons and / or flats wherever necessary, 16 gauge CRCA sheet steel shall be used for final distribution panels. Cable gland plates shall be provided on top as well as at the bottom of the panels. Panels shall be treated with all anticorrosive process before painting as per specifications with 2 coats of zinc chromate primer and final approved shade of enamelled paint. 2 Nos. earthing terminals shall be provided for all distribution panels. Panels shall be suitable for 415V, 3-phase, 4-wire, 50Hz supply system and with 15% spare space, lifting hooks shall also be provided in case of large panels. Panel must be BMS/FAS Compatible.				
	Approval shall be taken for each panel before fabrication. Galvanized hardwares with zinc passivation shall be used in fabrication of panels.				
	General Notes:				
1.0	MCCB:				
	MCCBs shall be used with Thermal Magnetic Based releases upto 250A and microprocessor based Over Load, Short Circuit / Earth Fault release.				
2.0	Breaking capacity mentioned is lcs value.				
3.0	This BOQ to be read in conjunction with technical specifications and Single Line Diagram (attached for reference). If any discrepancy occurs that should be brought to the notice of Client/Consultant before quoting the price otherwise stringent condition will be deemed to have been considered.				
4.0	All MCCBs shall be provided with rotary operating handle and ON/OFF lamps.				
5.0	All meters shall be digital type (unless otherwise specified) with RS 485 Port.				

6.0	All Incoming and outgoing breaker must have provision of Potential free contacts for BMS/FAS.				
7.0	All MCBs shall be motor duty type.				
8.0	All current/voltage transformer shall be cast resin type.				
9.0	All indicating lamps shall be LED type.				
10.0	Current density for Al. bus bars shall not be more than 0.8A/Sqmm. Rating of Bus bar is after considering all derating factors. (Bus bar sizing calculation to be submitted for approval.)				
11.0	All internal control wiring shall be heat resistant type.				
12.0	All TP feeders shall be provided with Isolable neutral link.				
13.0	Bus bar chamber & cable entry both shall be provided at top only.				
14.0	All feeders shall be provided with door interlocked with door defeat, pad lock facility.				
15.0	Live parts shall not be accessible after opening the door, Transparent acrylic sheet to be provided to cover the same.				
16.0	Spare contacts of MCCBs / Relay / Contactor shall be wired upto terminal block.				
17.0	20% spare control terminal to be provided.				
18.0	All incoming/outgoing cables shall be terminated on links/terminals.				
1.0	MV PANEL				
I.	INCOMING				
a)	1 No-125 Amp,25KA,4P MCCB				
II.	METERING & INDICATION SEB				
a)	CT for metering 120/5A Class-1, 15VA - 3 Nos.				
b)	Multifunction Meter-1 no.				
c)	Red, Yellow & Blue indicating lights with control MCB of 2A - 1 Set				
III	OUTGOING				
a)	63 A TPN MCB (10KA) - 2 No.				
b)	40A TPN MCB (10KA) -1 Nos.				
c)	25A DP MCB (10KA) -1 Nos	Nos	1.00		
d)	4 Pole ELCB/RCCB 100 M Amp , 1 Nos of Siemens/ L&T/Sneider Including all accessories neutral links etc all complete including dressing				
e)	Manual changeover 125 Amp				
	TOTAL CARRIED OVER TO SUMMARY			(A)	
B)	MV CABLES				
1	Supplying, Laying, testing & commissioning of the following sizes of XLPE Al. Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with hangers, proper clamps fixing hardware etc. as required				
a)	4 C x 25 Sq. mm Al. Cable	R/mt	50.00		
b)	4 x 10 sqmm Copper Wire with 50 mm conduit	R/mt	65.00		
c)	4 x 6 sqmm Copper Wire with 25 mm conduit	R/mt	45.00		
2	Supplying, making, testing & commissioning of end termination with brass metallic double compression glands suitable for the following sizes of XLPE Al. conductor armoured cables including proper sizes of copper thimbles etc. as required.				
a)	4 C x 25 Sq. mm Al. Cable	Nos	4.00		
b)	4 x 10 sqmm Copper Wire	Nos	4.00		
c)	4 x 6 sqmm Copper Wire	Nos	4.00		
	TOTAL CARRIED OVER TO SUMMARY			(B)	
C)	DISTRIBUTION BOARDS				
	Supplying, installation, testing & commissioning of following type wall mounted Horizontal TPN/SPN distribution board of double door type design made out of 16 gauge MS sheet with supplying and fixing following accessories including painting, interconnections, painting, earthing and labeling etc. as required.				
1.0	4 WAY TPN DB (PDB)				
	Incoming				
a)	63Amp TPN MCB (10KA) - 1 No				
b)	63Amp DP RCCB (30mA) -1 Nos				
	Busbars				
c)	100 Amp TPN copper busbars - 1 Set				
	Outgoing				
d)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Set	2.00		
	Neutral links - 3 Nos (Separate for each phase)				
2.0	4 WAY TPN DB (LDB)				
	Incoming				

a)	40Amp TPN MCB (10KA) - 1 No				
b)	40Amp DP RCCB (30mA) - 1 Nos				
	Busbars				
c)	100 Amp TPN copper busbars - 1 Set				
	Outgoing				
d)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Set	2.00		
	Neutral links - 3 Nos (Separate for each phase)				
3.0	12 WAY SPN DB (UPS)				
	Incoming				
a)	40Amp DP MCB (10KA) - 1 No				
b)	40Amp DP RCCB (30mA) - 1 Nos				
	Busbars				
c)	100 Amp SPN copper busbars - 1 Set				
	Outgoing				
d)	10/16/20/25 Amp SP MCB (10KA) - 10 Nos				
	Neutral links - 3 Nos (Separate for each phase)	Set	2.00		
	(Separate for each phase)				
4.0	63 Amp. 4 P ,25ka MCB with Box for UPS	Set	4.00		
	TOTAL CARRIED OVER TO SUMMARY			(C)	
D)	POINT WIRING				
1.0	Wiring for switch controlled Light Point with 3 x 1.5 Sq. mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in PVC surface/recessed conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and costing circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS Multistrand copper conductor wires, inPVC conduit complete as per specifications and as required.				
(i)	Primary Point	Points	58.00		
(ii)	Secondary Point	Points	35.00		
2a	Wiring for 5 pin 6 A Light plug point with 3 x 1.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface FRLS PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specifications and as required.	Points	15.00		
b	Wiring for 3 nos. 5 pin 6 A Light plug point controlled by 6 A Switch with 3 x 2.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3nos.5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specifications and as required.	Points	18.00		
3.0	Wiring for following. 6 pin 16 A Power plug point controlled by 1 No. 16A Switch with 3 x 4.0 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surfacePVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 6 pin 16 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, complete as per specification and as required.	Points	12.00		
4.0	Wiring for ceiling/wall fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed, PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch & 300W electronic regulator with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC conduit complete as per specifications and as required.	Points	13.00		

5.0	Wiring for exhaust fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC donduit complete as per specifications and as required.	NOS	10.00		
6.0	Wiring for 20A Single Phase metal clad socket outlet with 2 x 4 + 1 x 2.5 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 20A 3pin metal clad plug and socket and 20A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.	Points	8.00		
7.0	Providing and fixing of following sizes of PVC Flexible Conduits suitable for various applications, halogen free, oil and petrol resistant, flame retardant, self extinguishing, high compressive strength and good wearing properties along with connectors complete with conduit gland & all accessories required.				
a)	25mm dia	RM	70.00		
8.00	Circuit Wiring with 3 x 2.5 + 1x 2.5 mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting,complete as per specifications and as required.	RM	120.00		
9.00	Circuit Wiring with 3 x 4.00 + 1x 2.5 mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting,complete as per specifications and as required.	RM	120.00		
	TOTAL CARRIED OVER TO SUMMARY			(D)	
E)	TELEPHONE SYSTEM				
1.0	Supply & fixing the following sizes of PVC conduit in recessed or on surface of wall . False ceiling including cutting the wall and making good the same as required.				
a)	25 mm dia	RM	110.00		
2.0	Supply and fixing of RJ11 moduler Telephone outlet in Zinc chromate passivated M.S. Box and Modular Plate including cost of M.S.box, modular plate and connections etc as required.	Nos.	8.00		
3.0	Supply & fixing the following sizes of 16 SWG Krone telephone tag blocks housed in suitable sizes of powder coated MS boxes with hinge cover complete as required.				
b)	20 pair telephone tag block	Nos.	1.00		
4.0	Supplying & laying the following sizes of PVC insulated and overall sheathed taped telephone cables of 0.51mm dia size inPVC conduit recessed in wall or on surface of wall including cutting the chases in making good the same and connection etc. complete as required.				
a)	2 pair telephone wire	RM	135.00		
b)	20 Pair telephone cable	RM	30.00		
	TOTAL CARRIED OVER TO SUMMARY			(E)	
F)	COMPUTER DATA NETWORKING				
1.0	Supply & fixing the following size of PVC conduit in Floor/Surface of wall, including cutting the Floor/Wall and make the good the same as required (For Switcher to Data point.)				
a)	25 mm dia	Mtrs	60.00		
2.0	Supply and fixing flush steel box for computer data outlet dully recessed in wall complete computer outlet RJ 45 including connect etc. required.	Nos.	18.00		
3.0	Supply and drawing of cat 6 Data cable in existing conduit with suitable clamp and saddles and other accessories required making connection on both the ends.	Mtrs	350.00		
4.0	12U Rack (D Link)	Nos.	1.00		
5.0	24port Jack Panel (d Link)	Nos.	1.00		
	TOTAL CARRIED OVER TO SUMMARY			(F)	
G)	SUPPLY & INSTALLATION FANS FIXTURES & LIGHTS				

1.0	Supply & installation , testing & commissioning of wall Mounted Fan 450 mm Sweep. complete with all accessories such as blades, canopy etc.Connection with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires from the socket outlet to the fan earthing etc. complete as required.	Nos.	12.00		
2.0	Supply & installation, testing & commissioning of 300 mm Exhaust fans on existing opening in wall including all fixing hardware, louvers, shutters etc. Connection with 3 x 1.5 Sqmm FRLS PVC insulated multistranded copper conductor wire from the socket outlet to the fan earthing etc. complete as required.	Nos.	10.00		
3.0	Supply and Installation of unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required S/F of 600 x 600 LED recessed mounted (LED 36 Watt 6500 K in false ceiling)	Nos.	30.00		
4.0	Supply and Installation of storing, unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required (LED Down Lighter 12 Watt-)	Nos.	75.00		
5.0	Supply and Installation of storing, unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required (LED tube Light 20 watt)	Nos.	35.00		
6.0	Supply & Installation, storing, unpacking, assembling, Installation, testing, & commissioning of LED STRIP Light (as approved by client/architect) including all fixing hardwares complete as required (LED strip In Cove light with Driver)	Rmt	40.00		
7.0	Supply and Installation of storing, unpacking, assembling, testing, & commissioning Circle Ring Light (35W - 40W) 600 Diameter Bring in an element of innovation and design with Orbit rings of light in hall space White powder coated finish CRCA housing with extruded Aluminium lip. High efficiency LEDs with long life. Special translucent satin finish virgin PMMA diffuser, Luminaire system wattage. Specially designed driver. Wattage should be inclusive of LED and Driver losses. Model No- Orbit Ring LM23OR (LM23OR-621-xx57-XW) or Equivalent Make) Color Temperature 5000-6000K	Nos	5.00		
8.0	Supply and Installation of storing, unpacking, assembling, testing, & commissioning Linear recess / Surface mounted light LED Luminaire - 32W, 1200mm (l) x 50mm(w) x 100mm(h) with White powder coated finish CRCA housing with extruded aluminium lip. High efficiency LEDs with long life. Special translucent satin finish virgin PMMA diffuser, Luminaire system wattage. Complete assembly with LED, Driver and accessories pre wired upto terminal block. Wattage should be inclusive of LED and Driver losses. Lumen output should be as per LM 79 100 lm/watt . Total Harmonic Distortion (THD) should be less than 10% and Colour Rendering Index (CRI) should be 80 and above. (Wipro - Axeon) Color Temperature 5000-6000K or Equivalent Make)	Nos	10.00		
9.0	SITC -Ceiling Profile Ligth Type TruGroove, Installation/mounting type Recessed, Color Temperature Tc (K) 4000 Housing (Material And Finish) 3/4" to 2" thick Extruded thick aluminum trim/Section and die-cast endplates,System Wattage 20W, Classifications (IP/IK) IP20, Cover (Glass/ PC) Poly carbonate, Electrical Class II,/ LED Lamps 240Nos/Mtr (LM26) 5 mtr roll with LED Driver lumens Including cost of 3/4" to 2" thick Aluminum Channel Accessories complete as required (Make IP Mac, Sanspa, Helius,)	Rmt	10.00		
10.0	Supply,Installation, storing, unpacking, assembling, Installation, testing, & commissioning of Alltype of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required (LED spot light) in false celing 5 watt.	Nos	15.00		
	TOTAL CARRIED OVER TO SUMMARY			(G)	
H)	EARTHING				
1.0	Earthing with copper plate electrode 600x600x3mm including accessories & providing masonry enclosure with MS cover plate having locking arrangmnt, watering pipe and excavation in soil 6 MTRS minimum, including salt and charcoals required including P&F 8 Guaze SWG copper wirein recessor surface for earthing as per design & detail complete. Including Supplying, laying & terminating earth connection with 8 SWG Copper wire.	No.	3.00		
	TOTAL CARRIED OVER TO SUMMARY			(H)	
I)	FIRE & ELECTRICAL SAFETY INDICATION				
1	Supply and installation of Vinyl sticker for on Electrical DBs like, " Switch Off at Night ", Switch Off For Safety , etc	Nos.	4.00		

2	SITC of a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN Color) in a concealed PVC modular box.	No.	1.00		
3	Wiring in heavy duty PVC conduit of IS specification of proper size with 2 runs of 1.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from Computer Counter DB, AC DB, LDB, PDB outgoing to a set of indication lamp set (4 Nos. RED, YELLOW, BLUE & GREEN Color).	Mtrs	10.00		
4	SITC of Angle holder complete in all respect with 9W LED lamp	Nos.	2.00		
5	Supply and laying of ISI mark Electrical safety Insulating mat of dimension 1000mm X 1000mm in UPS Room.	Nos.	1.00		
6	FIRE FIGHTING WORK FOR BRANCH				
a	Fire Alarm Panel 2 ZONE with Advanced Micro controller based, character LCD display. Zone wise Fire,open,short LED indicators, testing facility. Trickle & fast charging facility. Reset, alarm cancel, lamp test and control etc. Compatible with any make smoke and heat detectors. (Make Agni Surkhsha /Morley) Technical :: Power Supply 230 V AC , 50 Hz / 24 V DC, Operating Voltage 24 V DC, Normal Loop Voltage 23.20 V DC, E.O.L. 4K7	nos.	1.00		
b	Supplying of WIRE 2 CORE 1.5MM conductor non- armoured cable. (approve make:Polycab/Finolex/CCI)	Rmt	300.00		
c	Supplying, Installation, connection, testing & commissioning the following :				
i	Smoke Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector. (Make :-Apollo/ System Sensor / Edwards)	nos.	20.00		
ii	HEAT Detector - Optical type low current draw, wide operating voltage 8 to 30 VDC, Bi-colour LED detector status indicator. Automatic drift compensation. Tested and approved to EN54 - 7:2000 (Amendment 1). Photoelectric Smoke Detector (Make Apollo/ System Sensor / Edwards)	nos.	10.00		
d	The LED of the above detectors should constantly blink when the system is ON and should constantly glow when actuated				
i	Electronic Hooter . Hi-Intensive sound (80 to 100 db), Tested by ERTL as per IS:2189. Power I/P 100 V AC or 24 V DC. Sound O/P 100dB. Colour Red. Speaker 4 watt : (Make Agni Surkhsha/Morley)	nos.	3.00		
e	Supply, Installation of Manual Call Point with hammer and chain. As per IS:2189. SS Chain , Hammer & blinking. Power I/P 24 V DC, MS Sheet, 750 gm., Dimensions (mm) 120 X 90 X 55. Colour - Red. (Make Agni Surkhsha/Morley)	nos.	4.00		
f	Providing and fixing panic switch for emergency alarm complete.	nos.	8.00		
g	Providing and fixing Motion sensor and magnate for Strong room Door complete.	nos.	2.00		
7	CCTV CAMERA				
a	Providing & Fixing 16 Channel Full HD NVR and 16x 2 MP Built-in Audio Mic Wired IP CCTV Cameras (Make - CP Plus, Godrej, Philips)	nos.	1.00		
	16 Channel Full HD NVR: Monitor and manage up to 16 cameras with Full HD resolution, delivering sharp and clear video quality for effective surveillance.				
	8x Outdoor 2 MP IP Cameras: Each camera features a 2 MP sensor and built-in audio microphone, ensuring comprehensive video and audio monitoring.				
	8x Indoor 2 MP IP Cameras: Each camera features a 2 MP sensor and built-in audio microphone, ensuring comprehensive video and audio monitoring.				
	Outdoor Durability: The Outdoor IP cameras are designed for outdoor use, with weatherproof construction to withstand various environmental conditions, ensuring consistent performance year-round.				
	Motion Detection: Advanced motion detection technology triggers alerts and recordings upon detecting movement.				
	2x 8 Port PoE: The system includes two 8-port PoE (Power over Ethernet) switches, simplifying the installation process by providing both power and data transmission over a single cable.				
	6TB HDD Included: The setup comes with a 6TB hard disk drive, offering substantial storage for high-resolution recordings over extended periods.				
	RJ45 Connectors: Includes RJ45 connectors for easy network setup and expansion, ensuring seamless integration with your existing network.				
b	Supplying and laying D-link make CAT-6 Cable in P.V.C. Conduit Complete with CAT-6 information outlet with plate & suface Box at individual Tables	Rmt	220.00		

	TOTAL CARRIED OVER TO SUMMARY			(1)	
J)	DISMANTALING				
1.0	Dismantelling of existing electrical/ Data/Telephone/fire /CCTV/Security Alarm wires, Cables and fixtures and depositing them with bank including old fans, lights, switches,CCTV/fire/Security Alarm fixture etc.	Job	1.00		
	TOTAL CARRIED OVER TO SUMMARY			(1)	

BOQ (BILL OF QUANTITY) OF AIR-CONDITIONING WORKS FOR PUNJAB AND SIND BANK MODEL BRANCH AT JANAKPURI, NEW DELHI					
(E)	AIR CONDITIONING WORKS				
S. No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE (Rs.)	AMOUNT(Rs.)
	INSTALLATION OF SPLIT/WINDOW AC's AND ARRANGEMENT OF AC DRAIN PIPES WITH PROPER DRAINAGE				
1.0	Making arrangements for Supplying and Installation of New 5.00 star Inverter AC indoor/outdoor machine with proper drainage can be planned out for the AC's including Cu wiring (The work includes cost of ACs and installation of AC's with proper layout of drainage done through cutting and chasing of the walls and then plastering and colouring the walls with the approved colour and shade).				
a	Split AC 1.00 Ton	Nos.	3.00		
b	Split AC 2.00 Ton	Nos.	4.00		
2.0	Removing, Repairing and Re-installation of existing AC (indoor and outdoor unit, stabilizer and all other related items complete in all) with servicing and fixing them at appropriate space as per design including filling of gas in windows and split AC.				
a	Split AC (1,1.5,2 Ton)	Nos.	3.00		
3.0	Providing and Laying Copper Piping/Cabling for split air-conditioning proper layout of copper piping/drainage done through cutting and chasing of the walls and then plastering and colouring the walls with the approved colour and shade).complete with all respects.	Rmt.	150.00		
4.0	3 step stabilizers for A.C.Make Blue Bird/Logicstar	Nos.	10.00		
5.0	25 mm dia cpvc pipe for drainage of spilt ac.	Mt	150.00		
6.0	Steel work welded in built up sections / framed work, including cutting, hoisting, fixing in postion and applying a priming coat of approved steel primer using AC outdoor unit Cageing.	Kg	150.00		
	Make:Blue Star/O General /Hitachi (5.00 Star Inverter AC)				
	TOTAL OF AIR-CONDITIONING WORK				