

## CIVIL WORKS AT SBI SHAURYA BHAWAN BRANCH, NEW DELHI

S.No.	Description	Quantity	Unit	Rate	Amount (in Rs.)
<b>1</b>	<b>AAC BLOCK MASONRY</b>	11.00	Cu.Mt.		-
	Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry with 150mm to 300 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).				
<b>2</b>	<b>CASTE IN SITU R.C.C. (RMC)</b>	28.00	Cu.Mt.		-
	Reinforcement cement concrete work in Locker Room wall of thickness upto 300mm and flooring and roof of 150mm thick, excluding centering and shuttering. RCC to be M30 Grade or 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 stone aggregate 20mm nominal size).				
<b>3</b>	<b>STEEL REINFORCEMENT</b>	5600.00	K.G.		-
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.				
<b>4</b>	<b>CENTERING &amp; SHUTTERING</b>	120.00	Sq.Mt.		-
	Centering and shuttering including strutting, propping etc. and removal of form for RCC wall, column, roof, floor, etc.				
<b>5</b>	<b>SAFE EMBEDDING</b>	2.00	No.		0.00
	Fixing of safe with 150mm thick RCC slab on sides and top of safe with steel reinforcement of 12mm dia bars at c/c 100mm in both directions and cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) mixed with cement based water proofing compound in the ratio as per manufacturer's specifications and finished with a floating coat of neat cement, including cement slurry, groove making including centering & shuttering as required etc. complete as per direction of EIC.				
<b>6</b>	<b>CEMENT PLASTER</b>	245.00	Sq.Mt.		-
	Providing & applying Cement plaster in perfect line, plumb & level. Including raking, removing old loose plaster surface preparations scaffoldings, curing etc. 12 mm -15 thick cement plaster of mix of 1:4 (1 cement : 4 fine sand).				
<b>7</b>	<b>FLOORING</b>				
	The rates shall include additional cost for extra thickness of fixing material if required, for maintaining proper floor level and the cost of removing of all debris and disposing it away from the premises from all floors to Ground floor and stacking or disposing malba from ground floor as required, cleaning the site, making good the damage if any etc. Item also includes covering of laid tiles and stones with 2mm PVC sheets and POP and removing after completion of work, to the satisfaction of Bank's Authorised Representative.				
<b>7.1</b>	<b>ANTI SKID MATT FINISH VITRIFIED TILE FLOOR</b>	10.00	Sq.Mt.		0.00
	Providing and laying anti-skid matt finish vitrified tiles - 600mm x 600mm of approved make and shade to proper slope, line, level with cement mortar 1:4 (1 Cement :4 Coarse Sand) bedding of required thickness to match F.F.L. and neat cement float including filling the joints with white cement with approved pigment to match the colour of tile. Rate to include the cutting the tiles for floor traps, ducts and lids of electrical, computer and telephone wires and cleaning the same, curing etc., complete in all aspects, as specified and directed by the Engineer / Architect.				
	<b>(Basic Rate - Rs. 500/- per Sq.Mt. without GST.)</b> <b>(Approved makes - Kajaria, Johnson, Somany, Nexion or equivalent)</b>				



<b>7.2</b>	<b>GLAZED CERAMIC WALL TILE DADO</b>	26.00	Sq.Mt.		0.00
	Providing and fixing 1st quality <b>ceramic glazed wall tiles 1200 x 600mm</b> conforming to IS: 15622 (thickness to be specified by the manufacturer) in two or more colours as per design (Kajaria eternity series or Johnson Rivestimenti Digital shade) or as approved by Engineer-in-Charge, in dado, skirting etc. over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with white cement slurry @ 3.3kg per Sq.Mt., including pointing in white cement mixed with pigment of matching shade, necessary scaffolding, staging, curing, etc. complete in all aspects, as specified and directed by the Engineer / Architect.				
	<b>(Basic Rate - Rs.700/- per Sq.Mt. without GST.)</b> <b>(Approved makes - Kajaria, Johnson, Somany, Nexion or equivalent)</b>				
<b>7.3</b>	<b>VITRIFIED TILE FLOORING</b>				
	Providing and laying <b>double glazed with white base polished vitrified tiles</b> (thickness as per manufacturer's specs) with water absorption less than 0.08% and confirming to IS: 15622 of approved make and shade to proper slope, line, level with cement mortar 1:4 (1 cement : 4 coarse sand) bedding of required thickness to match F.F.L. and neat cement float including filling the joints with white cement with approved pigment to match the colour of tile. Item also include providing 3-5 mm spacers as per the instructions of EIC / Architect. Rate to include the cutting the tiles for floor traps, ducts and lids of electrical, computer and telephone wires and cleaning the same, curing etc., complete in all aspects, as specified and directed by the Engineer / Architect. <b>(Approved makes- Kajaria, Johnson, Somany, Nexion or equivalent)</b>				
<b>7.3.1</b>	Vitrified tiles as above size <b>800 x 800 mm</b> rest same as above. <b>(Basic Rate - Rs.800/- per Sq.Mt. without GST.)</b>	58.00	Sq.Mt.		0.00
<b>7.3.2</b>	Vitrified tiles as above size <b>800 x 1600 mm</b> rest same as above. <b>(Basic Rate - Rs.900/- per Sq.Mt. without GST.)</b>	102.00	Sq.Mt.		0.00
<b>8</b>	<b>POLISHED GRANITE ON PANTRY COUNTER TOP</b>				
	Providing & fixing as per design 18-19mm thick pre polished Granite on counter top in pantry and toilets as per design (base price Rs.170-180/ S.Ft.) in colour as per selection including making necessary cutout for fixing sink/washbasin or other sanitary fixtures. The item also includes bevelling/tapering of edges and polishing after finishing work to give granite polish finish Complete to the satisfaction of Bank / Architects	2.00	Sq.Mt.		0.00
<b>9</b>	<b>WATER PROOFING</b>				
	Providing and laying waterproofing treatment in sunken portion / floors of WC's, bathrooms and pantry, etc. by applying cement slurry mixed with water proofing cement compound (Dr.Fixit URP or equivalent) consisting of applying -	15.00	Sq.Mt.		0.00
	First layer of slurry of cement @0.488 Kg/Sq.Mt. mixed with water proofing cement compound @0.253 Kg/Sq.Mt. This layer will be allowed to air cure for 4 hours				
	Second layer of slurry of cement 0.242 Kg/Sq.Mt. mixed with water proofing cement compound @0.126 Kg/Sq.Mt. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.				
	The rate includes preparation of surface, cleaning the surface before treatment and sealing of all the joints, corners, junctions of pipes and masonry with polymer mixed slurry.				
	Waterproofing Treatment (Sika / Dr. Fixit / Asian Paints) to be carried out by approved water proofing expert and professionals agency only. Contractor has to submit a guarantee certificate of at least 10 years for water proofing works as per EIC / Architect.				
<b>10</b>	<b>DOORS</b>				
<b>10.1</b>	<b>FLUSH DOOR SHUTTER WITH FRAME &amp; ACCESSORIES</b>				
	Providing and fixing 5"x2.5" Teak wood member for frame and water proof flush door shutter made out of 35mm thick flush door, 31x12mm thick TW periphery patti around shutter edges, 3.5mm thick veneer on one side outer side and 1mm thick decorative laminate on inner side of shutter, 35x12mm thick steam beach stopper patti on frame including 4 Nos 5" long SS hinges with countersunk SS screws, approved make dead Lock, S.S handles, 150mm long door stoppers, concealed door closer of approved make etc. all exposed surface / edges not laminated be provided with melamine polish complete as per drawing & instructions.	7.50	Sq.Mt.		0.00
	<b>Door Handles- Aries Series Voyager (OZH-ARI-VOY RS Antique Brass finish)</b>				
	<b>Door Closer- Track Arm/CDC-CA-1150 STD Silver</b>				



	<b>ALL THE HARDWARE FITTING WILL BE OF OZONE/ DORMA/ HAFELLE ONLY</b>				
<b>10.2</b>	<b>M.S. DOOR FOR STRONG ROOM</b>				
	Providing and fixing MS Door at Strong Room made up of heavy 35mm wide L section all around and cover with 10mm thick MS sheet with welding all complete with hinges and lock as per the drawing or instruction of architect. EIC. Item includes cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	100.00	K.G.		0.00
<b>11</b>	<b>PLUMBING &amp; DRAINAGE</b>				
	NOTE :- The rates given for all the items for all heights with scaffolding, shuttering and repair of civil works as required on site.				
<b>11.1</b>	<b>SOIL &amp; WASTE WATER PIPE</b>				
	Providing and fixing UPVC soil pipes conforming 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 PVC 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(working pressure 4 kg / cm <sup>2</sup> ) <b>Make- Astral, Finolex, Supreme or equivalent.</b>				
<b>11.1.1</b>	For 110mm pipes	5.00	R.Mt.		0.00
<b>11.1.2</b>	For 75 mm Pipes	5.00	R.Mt.		0.00
<b>11.2</b>	<b>WATER SUPPLY PIPE</b>				
	Providing and fixing UChlorinated 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.) <b>Make- Astral, Finolex, Supreme or equivalent.</b>				
<b>11.2.1</b>	15 mm nominal outer dia Pipes	5.00	R.Mt.		0.00
<b>11.2.2</b>	25 mm nominal outer dia Pipes	10.00	R.Mt.		0.00
<b>11.3</b>	<b>NHANI FLOOR TRAP</b>				
	Providing and fixing PVC Nhani Floor trap of self cleansing design screwed down to hinged grating. This includes jointing of pipes & fittings with one step PVC 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.) <b>Make- Astral, Finolex, Supreme or equivalent.</b>				
<b>11.3.1</b>	100 x 75 mm outlet	2.00	No.		0.00
<b>11.3.2</b>	100 x 100 mm outlet	1.00	No.		0.00
<b>12</b>	<b>SANITARY FITTINGS</b>				
	Providing fixing and making operational the following fittings, complete including flex pipe etc necessary accessories and fittings. All complete as per drawing, approval and instructions of the Engineer incharge/Architect.				
<b>12.1</b>	<b>WC</b>	1.00	No.		0.00
	Providing and fixing European type <b>wall mounted WC</b> with soft closing lid of <b>Hindware Italian Collection- SPLENDOR NEO-92574 (P-23)</b> for toilets or equivalent of Kohler, Jaquar, Cera as per the selection of architect. Complete with C.P brass hinges and rubber buffers, with cistern/ pneumatic tank flushed in wall and with glossy chrome flush plate of Hindware Italian Series- CAT No.517444 with all fittings & C.I. / M.S. brackets, 40 mm flush bend, including painting of fittings, connection pipes and brackets, cutting and making good the walls and floors wherever required.				
<b>12.2</b>	<b>OVER THE COUNTER WASH BASIN</b>	1.00	No.		0.00



	Providing and fixing over the counter wash basin for toilet with basin of Hindware Italian Collection-91046 Size-540 x 420mm or equivalent design of Kohler, Jaquar, Cera as per the selection of architect. Complete with fixing on vanity counter (to be paid seperately) with Bottel trap and all waste couplings, connection pipes etc as per the instruction of architect/ Engineer In Charge.				
<b>12.3</b>	<b>URINAL</b>	1.00	No.		0.00
	Providing and fixing vitreous china flat back type <b>urinal</b> with in-built automatic flushing sensor <b>Hindware Edge Senso-96015</b> or equivalent design of Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard. Complete with C.P. brass pipe and clamps with bottel trap & waste fittings including painting of fittings and brackets, cutting and making good the walls and floors wherever required etc. complete as per instructions of architect/ Bank's Engineer.				
<b>12.4</b>	<b>KITCHEN SINK</b>	1.00	No.		0.00
	Providing and fixing stainless Steel Kitchen Sink with drain board (JAYNA Niralli, Neelkanth or equivalent ) size 600 X 510mm Glossy as per I.S. 13983 with C.I. brackets, waste jali, bottle trap etc. including painting of fittings and brackets, cutting and making good the walls and floors wherever required.				



<b>12.5</b>	<b>TALL BODY PILLAR</b>	1.00	No.		0.00
	Providing and fixing <b>tall body pillar sensor</b> of <b>Hindware Sensible Range-CAT No.: F240006/F240003</b> or equivalent design of Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard.				
<b>12.6</b>	<b>ANGLE VALVE/ ANGULAR STOP COCK</b>	3.00	No.		0.00
	Providing and fixing <b>angle valve/ angular stop cock</b> heavy duty of <b>Hindware AGNESE Series- CAT No.-F640043</b> or equivalent of Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard.				
<b>12.7</b>	<b>SINK COCK</b>	1.00	No.		0.00
	Providing and fixing <b>Sink Cock</b> with Normal Swivel Spout Wall Mounted of <b>Hindware ASPIRO Series- CAT No.-F570023</b> or equivalent of Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard.				
<b>12.8</b>	<b>TOILET PAPER ROLL HOLDER</b>	1.00	No.		0.00
	Providing and fixing <b>toilet paper holder</b> with cover of <b>Hindware CAT No-F880003</b> or equivalent design of Hindware, Jaquar, Cera				
<b>12.9</b>	<b>TOWEL RING</b>	1.00	No.		0.00
	Providing and fixing <b>single towel ring</b> of <b>Hindware CAT No-F890004</b> complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality.				
<b>12.10</b>	<b>SOAP DISPENSOR</b>	1.00	No.		0.00
	Providing and fixing liquid automatic <b>soap dispenser</b> of <b>EURONICS ESO6N</b> or equivalent of Jaquar, Hindware, Cera including fixing to the wall with CP brass screws, cutting walls and making good the same, complete upto the satisfaction of EIC/ Architect.				
<b>12.11</b>	<b>CONCEALED STOP COCK</b>	2.00	No.		0.00
	Providing and fixing <b>concealed stop cock</b> heavy duty of Hindware, Kohler, Jaquar, Cera as per the selection of Architect of approved model having same standard.				
<b>12.12</b>	<b>STAINLESS STEEL GRATING</b>	3.00	No.		0.00
	Providing and fixing square shape <b>stainless steel grating</b> of <b>Hindware Italian Series - CAT No-F860058</b> Size 127mm x 127mm and of approved make and quality grade 18/8-304 on top of the floor trap. The rate includes the cost of all ancillary works and material required for the work. All complete as per drawing, approval and instructions of the Engineer incharge / Architect. <b>(Make- Euronics, Jaquar, Hindware, Cera)</b>				
<b>12.13</b>	<b>TOILET CUBICLES</b>	1.00	No.		0.00
	Providing and fixing Sturdo Classique versatile Toilet Cubicle of Greenlam or equivalent (including 600mm door) made of heat, bacteria, water, chemical, scratch, impact and anti bacterial resistant 12mm thick solid compact laminate panels (tested by Shriram Test House) of Suede finish includes doors, pilasters & intermediate panels finished with approved texture/shade as per the detail drawings & as per IS 2046 (Indian Standard) and as per fire retardant BS-476/97 standard. The product shall have Green Guard Certificate. Item includes providing and fixing in position necessary hardware made out of Stainless steel (Grade 304) & Aluminium powder coated top rail as per manufacturer's specifications & Architects instructions. <b>(Make- Greenlam, Merino, century, HPL or equivalent)</b>				
	(1) SS Door Knob, (2) SS Gravity hinges, (3) SS Thumb turn lockset indicators, (4) Aluminium Powder Coated Top Rail, (5) SS Coat Hooks, (6) SS U-Channels, (7) SS Adjustable Foot, (8) Noise Deafening Tape etc. (9) Screws & wall Plugs. The top fitting shall consist of Aluminium Powder Coated top rail which will get fixed with Mid & End pilasters. All other hardware & screws shall be of stainless steel in 304 Grade with satin finish. Top rail is extruded Aluminium shall be powder coated or anodized (Grade 6063 Micro Aluminium). All pilasters are supported by stainless steel adjustable footing with non corrosive steel inserts.				
	Toilet Cubicle with dimension of 1955mm Height x 2000mm Width Depth, which includes 600mm door size width. (Two WC units are comprised in it requires only middle partition between both the Wc's and front Partition of specified width with two doors for each WC entrance )				
<b>12.14</b>	<b>URINAL PRE-LAM PARTITIONS</b>	1.00	No.		0.00



	<b>Greenlam / Merino / T line</b> or equivalent Sturdo Privy Divider Panel of 450mm x 1050mm for Urinals as per approval from Architect/ EIC.				
<b>12.15</b>	<b>MIRROR</b>	1.00	Sq.Mt.		0.00
	Providing and fixing toilet Circular/Oval Shaped <b>Mirror</b> on wall with 6mm glass mirror with bevelled edge fixed with S.S clamps and screws complete as per instruction of Architect/EIC.				
<b>TOTAL CIVIL WORKS</b>					<b>0.00</b>



**INTERIOR & FURNISHING WORKS AT SBI SHAURYA BHAWAN BRANCH, NEW DELHI**

**Note** Rate should be inclusive of material, labour, tools, machinery, scaffolding, final disposal of debris, cleaning, cutting, wastage, etc. all taxes, transportation etc. complete. (Excluding GST) GST will be paid as applicable at the time of payment of Bills.

S.No.	Description	Quantity	Unit	Rate	Amount (in Rs.)
<b>1</b>	<b>SINGLE WINDOW COUNTER &amp; CASH COUNTER</b>	7.00	R.Mt.		-
	Supplying, fixing and keeping in position single window counter complete as per design, and drawing made out of 18mm thick BWP board of approved make, complete with 19mm CP teak wood lipping on all edges wherever required.				
	The cost shall be inclusive of supplying & fixing of a drawer and shelf unit with 18mm thick BWP board and with approved make multi-purpose auto lock in drawer and shelf unit. The cost shall also be inclusive of the following.				
<b>a</b>	<b>Size:</b>				
	Description: L B Ht.				
	Writing Top 5'-0" 2'-6" 2'-6"				
	4 Drawers pedestal with pegion hole 2'-0" 1'-3" 2'-0"				
	<b>Computer keyboard:</b> Supplying and fixing metal keyboard of approved make in counter as per design and instructions.				
<b>b</b>	Working table including transaction top will be in round shape from front as per detail drawings, with 2 x 6 mm thick flexy plywood round shape and 12mm thick white solid acrylic surface shall be provided on top as per design, all edges should be finished with solid acrylic surface of approved make, as per drawing and direction complete. (Make: Acrylic Corian/ Samsung/ LG/ Dupont)				
<b>c</b>	Front panel (Front apron) will be in 2 levels as per drawing and shall be finished with solid acrylic surface on upper level and bottom layer with 6mm thick 19" high glass blue lacquered glass of approved make and fixed on 19mm thick BWP board with natural silicon gum as per manufacturers specification of approved make, rest of area with 1 mm laminate all complete as per drawing.				
<b>e</b>	Foot rest of 3" x 1.5" in C.P. teak wood and readymade steel CPU stand 16" x 24".				
<b>f</b>	All wood work shall be laquer polished to a smooth and uniform finish of choice colour and shade.				
<b>g</b>	All fittings like S.S. handle/ approved make auto lock arrangement (Godrej) to each drawer and cabinet doors, piano hinges, ball catcher stopper, metal cable manager etc. approved make heavy duty full extension channel in drawers.				
<b>h</b>	Heavy duty telescope full extension sliding channel of approved make shall be used in all drawers.				
<b>i</b>	All internal surface will be with 0.8mm lamination of approved shade etc. complete.				
<b>j</b>	Counter shall be made independent in length of 5'-0" and properly placed between two partition. Counter measured between two partition and paid.				
	Finishing details in nutshell:				
	1) Table top : 12mm thick white solid acrylic surface				
	2) Front apron: Round solid acrylic surface and 6mm thick lacquered blue glass fixed with natural silicon				
	3) Facing of drawers: 1mm thick laminate finish				
<b>2</b>	Providing and fixing <b>12mm thick toughened glass partition on counter top, front side &amp; between</b> as follows.	5.00	Sq.Mt.		-
	Providing and fixing 12mm thick toughened float glass with polished edges to be fixed with necessary S.S brush finish brackets & support on wooden partition as directed with necessary cut out in glass. Two cutouts to be made one half round of 150mm dia. and another for mouth piece rectangular size of 75mm wide 450mm long. All edges of glass shall have diamond cut polished edges as directed. Brief list of make are as under or any equivalent make will be permitted by the engineer. Glass- Asaahi/ Tata / Modi guard / Saint gobain. Square bracket (50 mm x 12.5 mm ) S S finish - Oswal / Riddhi / Swift or equivalent.				
	Between single window counters - Front side partition 12mm thick toughened clear float glass with polished edges shall be fixed with silicon and TW beading/ S.S clamps for support on wooden partition as directed. All edges of glass shall be Diamond cut polished edges as directed complete. (Glass for measurement outer longer width and height shall be measured and paid)				
<b>3</b>	Providing <b>side credenza for SW counter</b> with openable shutter. Side table top and front edges shall be finished with 12mm thick white solid acrylic surface. All other visible surface shall be finished with 1mm thick laminate and inside finished with 0.8mm laminate as approved.	4.00	No.		-
	Supplying and providing side cabinet for keeping computer and printer size 1'-6" width 2'-6" height and 3'-0" length. Openable shutters as directed. Cabinet shall be made from 18 mm thick BWP board & back shall be made from 8mm thick BWP board. Openable shutters shall be made from 18mm thick BWP board with 1mm thick laminate and approved group lock, handle, auto hinges. Edges to be finished with teak wood lipping etc. including all internal surface to be 0.8mm laminate finish. All as per drawing and instruction of Architect/ Bank complete.				
<b>4</b>	<b>TABLES</b>				
<b>4.1</b>	<b>BRANCH MANAGER TABLE</b> Size: 6'-0" x 3'-0" x 2'-6" Ht. complete as follows-	1.00	No.		-
	Supplying and providing table as per the following description size 6'-0" - 6'-6" x 3'-0". Table top shall be made from 18mm thick BWP board with 12mm Acrylic solid surface & 10mm toughened bevelled edge glass on top, acrylic surface will be rounded/ water fall moulding on edges, and rest of the table finish with laminate on all exposed surfaces. Drawer pedestal cabinet of 1'-4" x 2'-0" x 2'-6" shall be provided using 18mm thick BWP board having 4 nos drawers as directed with heavy duty telescope sliding channel of approved make, group lock / S.S. handle. Computer keyboard of metal of approved make shall be provided. Exposed surfaces of the cabinate shall have 1mm laminate. Foot rest of 1 1/2" x 3" TW members shall be provided.				
	Apron (Modesty Panel) made from 18mm thick BWP board with 6mm Laquered glass & lamiante finish & groove pattern as per drawing.				
	Table side made from 18mm thick BWP board with laminate finish shall be provided in a pattern as per drawing directed.				
	Table shall have stand for keeping CPU, and metallic cable manager shall be provided in table top. All exposed edges of board shall have laminate with smooth edges & corners.				
	Exposed edges of table top, leg panel & side shelf shall be made 36mm thick by providing additional 18mm thick BWP board patta of required width.				
	All the internal surface will be finished with 0.8 mm laminate.				
<b>4.2</b>	<b>OFFICER TABLE</b>	2.00	No.		-
	Same as above Manager Table Item No 4.1 but size 5'-0" x 2'-6" x 2'-6" with Pedastel storage unit 4 Nos Drawer in table finishing as follows:				
	Table top finished with 12mm solid acrylic surface and moulding also 10mm toghened bevelled edge glass, and rest of the table finished with 1mm thick laminate of approved shade.				



	Apron (Modesty Panel) made from 18mm thick BWP board with 1mm thick laminate of approved make shall be provided in a pattern as per drawing/directed.			
	Table side made from 18mm thick BWP board with 1mm thick laminate of approved make shall be provided in a pattern as per drawing /directed.			
	All inside surfaces to be with 0.8mm laminate finish.			
	As per drawing and instruction of Architect/ Bank complete.			
	<b>FINISHING DETAILS IN NUTSHELL</b>			
	1) <b>Table Top</b> : 1mm thick decorative laminate finish			
	2) <b>Front Apron &amp; Sides</b> : 1mm thick laminate finish			
	3) <b>Facing of Drawers</b> : 1mm thick laminate Finish			
	4) <b>Inside finish</b> : 0.8mm laminate			
<b>4.3</b>	<b>BM/ OFFICER SIDE CREDENZA (SIDE TABLE)</b>	3.00	No.	-
	Providing side credenza (BM) Size: 3'-0" x 1'-6" x 2'-6" Ht. openable shutter, top and front edge finished with 12mm solid acrylic surface and 1mm thick laminate finish on front & side, shutters and edge binding tape .8mm thick. laminate to be provided on all surfaces complete as follows-			
	Supplying and providing side cabinet for keeping computer and printer size 1'-4" width & 2'-6" height. Having openable shutters as directed. Cabinet shall be made from 18mm thick BWP board with all surfaces 1mm thick laminate finish including top. Back shall be made from 8mm thick BWP board. Openable shutters shall be made from 18mm thick BWP board with laminate finished and approved make group lock, handle, auto hinges, etc. Rate includes all necessary provisions for installing computers. All the internal surface finish to have 0.8mm laminate.			
<b>4.4</b>	<b>MIHY TABLE</b>	3.50	R.Mt.	-
	Providing & fixing of 750/1050 high grahak mitra counter table made out of BWP board frame work for table top, sides, apron, shelves, drawer units, shutters, drawers front, stiffners, borders. 12mm thick BWP ply for drawer sides, keyboard, borders, foot rest & 8-9mm thick BWP ply for drawer unit back, drawer bottom. teak wood edge beeding etc. with two drawer units having one tea tray, one pencil tray & 3 no. of equal drawers below along with provision for C.P.U. hanger; 12 mm thick Acrylic solid surface (Corian) on table top, edges, customer top. All exposed surfaces of the table drawer units finished with 1mm thick laminate. Item includes 6mm thick laquered glass on front apron modesty as per design, including fixing of Hettich / Dorma/ Ozone make heavy type telescopic drawer sliding channels, drawer auto locks with one master key, C.P.U. Hangers, KICH make brush finish stainless steel hinges, stainless steel brass finish handles, stainless steel brass wire manager, rubber matting for foot rest, making holes in top for wire manager etc. all complete as per drawing, specifications and directions of EIC.			
<b>5</b>	<b>STORAGE CABINATE</b>			
<b>5.1</b>	Providing and fixing low height storage (upto 750mm high) and 450mm deep (overall) as shown in details / drawing with all sides, shutters & top to be made with 18mm BWP board finished with 12mm thick solid acrylic surface on top and front edge and rest of the exposed surface to be finish with 1mm thick high gloss laminate of approved make & shade as per list of approved make on all outside surfaces (except back and bottom which shall be painted with enamel paint). Shelves to be made with 18mm BWP board, placed at 300mm (approx.) C/C and 6mm thick BWP board to be fixed at the back. The sides / bottom of the drawer shall be made out of minimum 12mm thick BWP board, all inside surface to be finished with 0.8mm laminate as / approval and all edges to be finished with 0.8mm thick PVC edge banding. all complete including locks, magnetic catchers, self-closing hinges of Hettich / Hafele / Ebco / Dorma / Ozone or as per list of approved make. Item to include providing & fixing aluminium profile handles (as / approval) of make Inox / hettich / hafele to be used instead of handle all complete as per drawing, specification and direction of Architect / Bank.	6.00	Sq.Mt.	-
	<b>Approved makes for BWP Board- Archid, Action tesa, GREENLAM, century or equivalent.</b> <b>Approved makes for Laminate- Archid, Greenlam, Century, New Mika or equivalent.</b> <b>Approved makes for hardware fittings- Hafele, Hettich, Ebco or equivalent.</b>			
<b>5.2</b>	<b>PANTRY CUPBOARD BELOW COUNTER</b>	2.50	SQ.MT.	-
	Providing and fixing 18mm BWP board cupboard with shutters with and with 1mm super glossy lamiante finish for shutters. All edges to be finished with 0.8mm thick PVC edge banding. Providing SS hinges, handles, stoppers and magnetic catch as directed. All the surface shall be polished / synthetic enamel paint as directed complete. Providing and fixing 0.8mm thick balancing laminate on internal shutter surface.			
<b>5.3</b>	<b>PANTRY CUPBOARD OVERHEAD STORAGE (2'-6" Height x 1'-3" Depth)</b>	2.00	SQ.MT.	-
	Providing and fixing wall hung storage made out of 18mm thk. BWP board, 33cm deep, 6mm BWP ply for the back, 18mm thk. openable shutters in 18mm thk. BWP ply, with hinges as recommended, 18mm thk. removable shelf with 0.8mm white laminate finish on both sides, edges shall be provided with 2mm thk PVC strips on all sides. All hinges, tower bolts, S.S. brush finish handles, ball catches shall be brass heavy duty, approved make locks, etc. complete, as per design / instructions. All exposed surfaces whether inner side or outside must be 1mm laminate with approved laminate shade.			
<b>6</b>	<b>ELECTRIC CUPBOARD</b>	5.00	Sq.Mt.	-
	Providing and fixing electric cupboard using 19mm thick bison board for frame sides verticle and shelves and front shutters with aluminium framing of 50 x 25 x 1.60mm thick with 12mm thick bison panel on both side finished with 1mm thick laminate on all exposed surface and fire proof paint & synthetic enamel paint on all internal surface. Shutter with approved make lock handle, hinges, ball catchers, SS perforated jali shall be provided in shutter for ventilation, complete as directed, depth of cup board 1'-3". Shutter height as required and above area fixed type with same aluminum frame and bison board laminate finish up to false ceiling bottom.			
<b>7</b>	<b>PARTITIONS / PANELLING</b>			
	Measurement of height shall be taken from finished floor level up to the level of ceiling, in case of varying heights on either side of partition, average height shall considered. The rate include provision of extra frame work as necessary for skirting and making cutouts for electrical switch plates, switch boxes, light fittings light etc. making provision for laying conduit; as per drawings & directions. All wood framework to be applied with 2 coats of fire retardant paint and 1 coat of wood preservative with anti-termite.			
<b>7.1</b>	<b>FULL HEIGHT PARTITION WITH LAMINATE FINISH BOTH SIDE</b>	50.00	Sq.Mt.	-
	Providing and fixing in position full height partition in framework of 600 x 600mm grid (horizontally and vertically) comprising of 50mm x 50mm aluminium sections 1.6mm thick (vertical member to be in one piece) with minimum 12mm thick BWP board on both sides finished with 1mm thick Decorative laminate (Suede & High Gloss) of approved make as per design including making 2-3mm wide grooves in laminate finished with matching colour melamine polish / sealant filler as / Architect. Item to include teakwood beading / SS brackets required for providing glazing. All exposed teakwood surfaces and the like to be finished in duco paint of matching laminate colour including all necessary fittings and SS hardware of make hettich/ hafele/ dorma. The rate to include provision of extra frame work as necessary for skirting and making cut-outs for electrical switches, switch boxes, conduiting, door / glazing all complete as per drawings, specifications and directions of Architect/ EIC.			



<b>7.2</b>	<b>LOW HEIGHT PARTITION WITH LAMINATE FINISH ON BOTH SIDE</b>	25.00	Sq.Mt.	-
	Providing & fixing low height partition with same specifications as full height partition (ITEM NO. 4.1) as per design / details, including all bends, height of partition to be 1220mm with 38 x 95mm teakwood moulding on top and side edges of partition with melamine matt polishing / Duco paint including proper base etc. all complete as per drawings, specifications and directions of Architect / EIC.			
<b>7.3</b>	<b>WICKET GATE WITH BOTH SIDE LAMINATE</b>	1.00	Sq.Mt.	-
	Same as low height partition but without glass and 30mm thick flush shutter with both side laminate including SS hinges with countersunk SS screws, approved make night latch lock, SS handles, door stoppers, etc. complete, as directed.			
<b>7.4</b>	<b>FULL HEIGHT TOUGHENED GLASS PARTITION</b>	9.00	Sq.Mt.	-
	Providing and erecting in position modular full height fully glazed partition in silver or coloured Anodized Aluminium Modular Glass Partition using standard track sections of size 45mm x 25mm, profile of at top, bottom and sides as per manufacturer's specifications to partitions, including single glazed 12mm thick clear toughened glass of Saint Gobain/ Asahi or approved equivalent make to be fixed in the centre of the track section with sound insulation of minimum of 32-35 dB, glass to glass transparent polycarbonate filler and connectors, sealing of glazed partition panels (glasses) with silicone sealant on all sides, all complete as per drawings, specifications and directions of EIC. All frame & door fittings will be in Brass, Tan Brass or Rose Gold Anodized finish as per instruction of Architect/ EIC.			
<b>7.5</b>	<b>WALL PANELLING WITH LAMINATE FINISHING</b>	133.00	Sq.Mt.	-
	Providing and fixing in position wall panelling in 600 x 600mm grid (horizontally and vertically) comprising of 25 x 50mm aluminium sections (1.6mm thick) with minimum 12mm thick BWP board finished with 1mm thick high gloss laminate of approved make including making 2-3mm grooves in laminate finished with matching colour melamine polish / sealant filler as per Architect. The rate to include for provision of extra frame work as necessary for skirting and making cut-outs for electrical switches, switch boxes, conduiting, receiving A.C.'s etc. as per drawings. All exposed teakwood surfaces and the like to be finished in melamine polish of matching laminate colour complete as per drawings, specifications and directions of Architect / EIC.			
<b>7.6</b>	<b>EXTRA FOR PROVIDING PREMIUM 1.25 MM LAMINATE IN PLACE OF LAMINATE</b>	10.00	Sq.Mt.	-
	Same as above item no.-7.5 but difference of wall paneling for replacing 1mm thk laminate with 1.25mm thick premium decorative grooved laminate in selected flute or other design all complete as per drawings, specifications and directions of Architect / EIC. <b>Base price of 1.25mm laminate - Rs. 800 per Sqm.</b> <b>Approved makes of Laminate- Skydecor, Newmika, Century or equivalent.</b>			
<b>7.7</b>	<b>EXTRA FOR PROVIDING LAQUERED GLASS IN PLACE OF LAMINATE</b>	10.00	Sq.Mt.	-
	Extra for Panelling / Partition to be finished with 6mm thick Laquered glass (Saint Gobain or approved make) in place of laminate with adhesive of approved brand and manufacture all complete as per the directions of Architect / Bank's Engineer. <b>Make - Saint Gobain, Asahi or equivalent.</b>			
<b>7.8</b>	<b>CHARCOAL FLUTE PANELLING</b>	31.00	Sq.Mt.	-
	Providing and fixing panelling with frame and board same as above (item no. -7.5), but finished with 8-10mm thk Ventura / Europratik or equivalent (Decorative charcoal board base price approx. 150-175 /S.Ft without tax) panelling on wall fixed with headless steel screws upto all heights, etc. all complete as per drawings, specifications and directions of Architect / EIC.			
<b>7.9</b>	<b>MDF BOARD JALI WORK</b>	5.00	Sq.Mt.	-
	Providing and fixing decorative exterior grade MDF CNC cut Jali partition as per design / details, partition to have 19mm HDHMR / HDWR board box partition frame 150mm thick all around Jali and base with 300mm high finished with high gloss PU paint including base in golden / silver colour etc. all complete as per drawings, specifications and directions of Architect / EIC. <b>Approved makes of MDF- Green, Century, Action tesa or equivalent.</b>			
<b>7.10</b>	<b>EXTRA FOR PROVIDING WALL PAPERS IN PLACE OF LAMINATE</b>	10.00	Sq.Mt.	-
	Extra for Panelling / Partition to be finished with Wallpaper of approved make in place of laminate with adhesive of approved brand and manufacture all complete as per the directions of Architect / Bank's Engineer.			
<b>7.11</b>	<b>WALL PANELLING FINISHED WITH 12MM THICK 3D PANELS</b>	16.00	Sq.Mt.	-
	Providing and fixing panelling with frame and board same as above (item no. - 7.5), but finished with 12mm thk 3D panels of Friky (Base rate 250-300 /S.Ft without tax) panelling on wall fixed with headless steel screws upto all heights etc. all complete as per drawings, specifications and directions of Architect / EIC. <b>Approved makes of MDF- Green, Century, Action tesa or equivalent.</b>			
<b>7.12</b>	<b>EXTRA FOR PROVIDING PET POLYESTER ACOUSTIC PANELS IN PLACE OF LAMINATE</b>			
	Providing on existing partitions/ panelling decorative (grooved, engraved) acoustic panels any size and shape in approved color with standard size & thickness. PNV acoustic panels should have sound absorption coefficient (NRC) (0.4-0.7). Formaldehyde emission standards of GB18580- 2001 class E1, it is a green material with asbestos free, non-toxic and tasteless gas under extreme temperature, protecting the ozone layer, non irritant and recyclable. acoustic panels have to be fire-resistant. Good insulation properties, to prevent transmitting the heat from outdoor to indoor directly as partition or and ceiling, acoustic panels are light weight and allow free cutting with paper knife. Sample to be submitted from all the approved make or equivalent for approval of engineer in charge prior to the installation. MTC to be submitted with the delivery of material. complete as per direction of Architect/ EIC. Compressed 9-12 mm thick panels grooved straight, diagonal as per design. <b>Approved make - Saint Gobain Ecophon, Uniacoustic or equivalent.</b>	10.00	Sq.Mt.	-
<b>7.13</b>	<b>METALLIC STRIP IN PANELLING GROOVES</b>	30.00	R.Mt.	-
	Providing and inserting 20-25mm T shape mirror or gold colour inserts in panelling grooves as per design / details, complete with all finishing. <b>Approved make- Ventura, Euro Costic or equivalent.</b>			
<b>8</b>	<b>DOORS</b>			
<b>8.1</b>	<b>ISOLATED FLUSH DOOR SHUTTER (Partly Glazed &amp; Partly Laminate) WITH FRAME</b>	3.00	Sq.Mt.	-
	Providing and fixing 3" x 2" teakwood member for frame and flush door shutter made out of 35mm thick flush door with 8mm thick clear toughened glass vision panel secured with 12mm thick TW beading, 31 x 12mm thick TW periphery patti around shutter edges, 1mm thick laminate on both sides, 35 x 12mm thick steam beach stopper patti on frame including 3 nos. 5" long SS hinges with countersunk SS screws, approved make dead Lock, S.S handles, 150mm long door stoppers, doorstop of approved make etc. all exposed surface / edges not laminated be provided with melamine polish etc. all complete as per drawings, specifications and directions of Architect / EIC. <b>Approved make- Green, century, Archid or equivalent.</b>			



<b>8.2</b>	<b>TOUGHENED GLASS DOOR</b>	11.00	Sq.Mt.	-
	Providing & fixing front frame less patch fitting Single / Double doors, modular sections as above for glass partitions with 12mm thick toughened glass with etched / frosted film (as per approved design) with frame less door glass fittings and floor spring top pivot and fittings for glass to glass connections, handles 600mm length (Dorma, Ozone, Hettich make) all complete as per drawings, specifications and directions of Architect / EIC. All handles or door fittings will be in Brass, Tan Brass or Rose Gold Anodized finish as per instruction of Architect/EIC.			
	<b>Make- Dorma, Saint Gobain, Ozone or equivalent</b>			
<b>8.3</b>	<b>SOLID FLUSH DOOR SHUTTER WITH ALUMINIUM FRAME AND BOTH SIDE BISON PANEL FOR UPS ROOM</b>	2.50	Sq.Mt.	-
	Providing and fixing aluminium frame of 65mm x 38mm x 1.5mm thick and door shutter made out of 50 x 25 x 1.5mm thick framing at maximum 1'-6" C/C both way with 8 mm thick Bison Board and laminate finish on both side with painting. Providing 6 mm thick clear float glass vision panel secured with 12 mm thick steam beach beading, 31x 12 mm thick steam beach periphery patti around shutter edges, aluminium stopper patti on frame including 3 Nos 5" long SS hinges with countersunk SS screws, approved make lock, SS handles, door stoppers, doorstop of approved make etc. complete as per drawing & instructions.			
	Providing & fixing door closers (Hettich/ Hafele/ Doorma/ Ozone make) with cutting and fixing covering plate complete to the satisfaction of Architect /Bank's Engineer.			
<b>9</b>	<b>DESIGNER PRINTED FROSTED FILM</b>	16.00	Sq.Mt.	-
	Providing and fixing digital printed frosted designer glass film of 3M, self adhesive, translucent, special effects film (Fluted design, Frosted Crystal, Sand Blasted Look, Cat. No. 7725-324) over the already available glass surface, including cost of all material, labour, tools, tackles, transportation, taxes etc. complete as per the direction of Engineer-in-Charge/ Architect. <b>(Make: 3M)</b>			
<b>10</b>	<b>CUSTOMER WRITING DESK</b>	1.00	No.	-
	Writing Desk Size: 4'-0" x 1'-3" x 0'-6" + 3'-0" ht.			
	Verticle sides and bottom shall be made out of 36 mm (2 x 18 mm thick BWR board) and back side 12 mm thick BWP board with laminate on top and edges on all sides including inside divisions. Top shall be made from 12 mm thk. toughend glass with polished edges making different divisions by 18 mm thick BWP board with laminate on both side for slips or forms as per detail drawing and instruction complete. Laminate to be provided on all visible surfaces.			
<b>11</b>	<b>NOTICE BOARD</b>	2.00	No.	-
	Notice Board Size: 1200mm x 600mm & 150 mm deep.			
	Providing and fixing notice board with 18 mm BWP board frame & sides finished with 1 mm thk. decorative texture laminate, box to have 75mm x 35mm teak wood shutters with 6 mm clear glass. The back to have 5-6 mm thk. BWP board and 12 mm soft ply covered with cloth of approved shade. The item shall include polishing the wood surfaces etc. complete, to the satisfaction of architect.			
<b>12</b>	<b>ACRYLIC SANDWICH BOARDS</b>	2.00	No.	-
	Provision & fixing acrylic sandwich board having a size of 2'-0" x 1'-6" - 4 Nos. with & frac 12" dia ss studs etc.complete. (BM Cabin, Meeting Room, Waiting Hall)			
<b>13</b>	<b>BLINDS</b>			
<b>13.1</b>	<b>WOODEN PELMET</b>	3.50	R.Mt.	-
	Providing and fixing wooden pelmet of size 250mm x 150mm approx. made of 18mm thick BWP board finished with 1mm thick laminate of approved shade. All exposed edges shall be sealed with steam beech wood lipping. All surfaces without lamination shall be finished with two or more coats of spirit polish and woodwork to be finished with polish. All complete as per approval and instructions of Bank / Architect.			
<b>13.2</b>	<b>ROLLER BLINDS</b>	10.00	Sq.Mt.	-
	Providing and fixing of effective optimized system roller blinds including roller tube, control chain, control set with left hand, control set with right hand, bracket cover, chain connector, O-C bottom rail string for conversion, bottom end plug, open bottom rail, tube bearing plug etc with 50% light transfer all complete as per directions & instructions of Engineer-in-charge at site. (The sample should be got approved by Architect & Engineer-in-charge in advance before placing the order).			
<b>14</b>	<b>EXTERIOR FACADE &amp; E-LOBBY PANELLING</b>			
<b>14.1</b>	<b>HPL PANELLING</b>	96.00	Sq.Mt.	-
	Providing and fixing 6mm HPL on walls as per selected design/ colour complete with 50mm x 25mm Aluminium frame including installation labour and edge mouldings, HPL fixed as per manufacturer's specifications. (MAKE: MIKASA FX, Century, Fundermax)			
<b>14.2</b>	<b>ACP PANELLING</b>	23.00	Sq.Mt.	-
	Installing and fixing in position Aluminium Composite Panel cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including:			
	Providing and fixing 3 mm thick aluminium composite sheet panelling with 0.25 mm thick foil over 50 x 25 x 1.20 mm thick aluminium hollow sections tray system frame at maximum 2'-0" c/c bothways with minimum 20 mm bending with silicon dow coming of GE seal proof - ACP of approved make complete as per selection and direction of Architect. This item will be carried out as per manufacturer's specifications. Rate to also include provision of trap door shutter including hinges, stopers, tower bolt etc. complete, as directed.			
<b>15</b>	<b>FALSE CEILING WORK</b>			
	<b>Notes:-</b>			
i	The false ceiling design can be stepped / curved / architectural design, cove upto 1'-0" etc. However only board surface area shall be measured for the purpose of payment. Nothing extra shall be paid for design or curve.			
ii	Existing floor to slab height may vary on the site. Ceiling shall be hung from the existing slab through hangers. The quoted rate shall be applicable for all floor levels / all floor height (approx. 4.5 metre floor to floor) including scaffolding etc.			
iii	The quoted rate of false ceiling items shall include 6mm ply backing for supporting light fixtures in the false ceiling including making all necessary cut outs & frame work for electrical fixtures / air conditioning work, coves etc.			
iv.	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 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.			
<b>15.1</b>	<b>GYPSUM BOARD FALSE CEILING</b>	88.00	Sq.Mt.	-



	Providing and fixing 12.50 mm thick gypsum board false ceiling in steps and design using original Indian Gypsum board with original GI sheet sections of Gypsteel Ultra supporting system in line and level. Entire work to be done as per standard specifications of Saint Gobin Gyproc India. The ceiling to be finished with a top coat (plastic emulsion paint with 'Velvet Touch' of approved brand and manufacture to give an even shade: Two or more coats on new work with rollers/ spray) as per manufacturer's specification.				
	After completion of work, a certificate from Saint Gobin Gyproc company shall be submitted along with bill stating that work is satisfactorily completed as per their specifications.				
	Rate includes making necessary cutouts and perimeter channels for lighting fixtures, AC grills etc. Only plan surface area shall be measured for payment and no additional payment for kobes or verticle surface upto 1'-0" height.				
<b>15.2</b>	<b>MINERAL FIBRE SUSPENDED GRID TILE FALSE CEILING</b>	28.00	Sq.Mt.		-
	Providing and erecting false ceiling made out of mineral fiber ceiling board of approved make with framework, runners, cross runners & suspenders from the existing ceiling of building as per the manufacturers details and specification and 600mm x 600mm x 15mm thick tiles of approved design, texture & in microlook pattern including the grids in black/ white silhouette pattern 15 mm wide as per manufacturers specifications complete including making necessary cut-outs for electrical fixtures, AC diffusers, ducts, access etc. as per the instructions of the architect.				
	Approved premium tile in Dune RH Microlook or equivalent approved category with black silhouette locking supporting system, 15 mm grid. The rate shall also include providing & fixing in position 50 mm high Axiom with all its associated accessories as per manufacturers specifications & standards etc complete. Rate to also include providing & fixing additional 6 mm thk. commercial ply backing on mineral fibre modular false ceiling tiles of support light fitting, speakers, CCTV cameras etc. in grid work wherever directed				
<b>15.3</b>	<b>WOODWORKS CHANNELLED PLANK CEILING</b>	23.00	Sq.Mt.		-
	Providing and fixing Channelled Woodworks perforated panels of width 192 mm, thickness of 15 mm and length 2400 mm, made of a moisture resistant fibre board substrate with a laminated facing as per the approved shade (Portland Maple, Sea Beech, Siam Wood & Mystique Walnut, Interior White, Alumina Pearl) and a melamine balancing layer on the reverse side. The boards shall have a special perforation pattern where the reverse surface has a "Helmholtz" fluted perforation with consecutive 3mm wide groove followed by 13/21mm of visible pane. The edges of the panel shall be "tongue-and-grooved" to fix special clips for installation and seamless visual. The back of the perforated panel shall have sound absorbing non-woven acoustical fleece hot pressed to achieve NRC of 0.5. (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423 and Humidity Resistance (RH) of 70% with camber limit less than 1mm/1000mm and bow less than 1mm/300mm. The panel shall be downwardly installed with tongue and groove mechanism using Inside clip on Knauf Prelude 43 with 24 mm wide T - section flanges having rotary stitching on all T - sections i.e., the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 43mm, 35mm and 30mm respectively. The deflection loading of the system shall be 17.8 kg/m2 (as per standard installation layout mentioned below) and main beam tested as per ASTM C635 (Deflection limit less than L/360) with deflection loading of 21.4kg/m.				
	<b>MAKE- HUNTER DOUGLUS, ARMSTRONG, BOLLARD, SAINT GOBAIN, DURLUM</b>				
<b>15.4</b>	<b>G.I. METAL GRID TILE FALSE CEILING</b>	39.00	Sq.Mt.		-
	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 600 x 600/1200 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient ) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece				
	<b>MAKE- KNOUF, ARMSTRONG, SAINT GOBAIN</b>				
<b>15.5</b>	<b>ACOUSTICAL BAFFLE / SOUNDSCAPES BLADES CEILING</b>	44.00	Sq.Mt.		-
	Providing and fixing of armstrong soundscapes blades ceiling having acoustical blades which are 40-50mm thick, fibreglass fibre panels of humidity resistance RH 95%, with embedded frame made of aluminium extrusion of colour, shape and finish. The form of soundscapes shapes - shall be circle in standard traffic white color with light reflectance 90% as per ASTM E84 Class A fire performance. The Items also includes necessary accessories, suspension system, perimeter trims, etc. all complete as per drawings, specifications and directions of Architect / EIC.				
	<b>MAKE- ECOPHON, BOLLARD, ARMSTRONG, SAINT GOBAIN</b>				
<b>15.6</b>	<b>CUSTOM MADE WOODEN FRAME CEILING</b>	7.00	Sq.Mt.		-
	Providing and fixing of wooden pine wood framed ceiling made with section of having size 25mm x 150mm in rectangular or triangular or circular shape / pattern of sizes 450 x 450 mm as per details / drawings. The items includes pine wood frame of section 150 x 50mm all around with all required accessories, hangers, perimetre for hanging wooden framed to the ceiling. The wooden framed finished with approved oil polish all complete as per the direction of EIC / architect.				
<b>15.7</b>	<b>TRAP DOORS</b>	4.00	No.		-
	Providing & fixing readymade trap doors made of stable aluminium profile, galvanised steel connecting parts, 12.5mm thick moisture resistant gypsum board, 2 nos. snap lock s and 1mm safety steel wire etc. all complete as per the instruction of EIC / Architect.				
<b>16</b>	<b>PAINTING</b>				
<b>16.1</b>	<b>INTERIOR EMULSION PAINT</b>	280.00	Sq.Mt.		-
	Providing and applying 2 or more coats of water based 100% acrylic premium emulsion paint interior grade of Asian, Dulux, Berger or equivalent approved make and shade having zero VOC & UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives to concrete and plastered surfaces, ceilings, etc. with roller finish including preparing surfaces, applying 01 or more coats of putty of required thickness over plastered surface & applying primer including scaffolding, etc. after thoroughly brushing the surface to remove all the dirt and all loose powder free from mortar dropping and other foreign material and sand paper smooth, etc. at all heights and locations complete in all respects and as per instructions of Architect / Engineer.				
	<b>Approved makes- Asian paints, Nerolac, Birla Opus, Dulux or equivalent.</b>				
<b>16.2</b>	<b>SYNTHETIC ENAMEL PAINT</b>	10.00	Sq.Mt.		-
	Providing and applying two or more coats of synthetic enamel paint of approved shade on surfaces of approved shade of Asian paints / ICI make, as per the manufacturer's specifications to give a smooth surface including scrapping and removing existing paint and preparing the surface with putty etc. and providing priming coat etc. complete in all respect as specified and as directed by the Architect / Engineer-in-charge. The rates are inclusive of scaffolding staging etc. for any height and for plane as well as for architectural surface. All complete as per approval and instructions of the Architect / Engineer-in- charge. <b>Approved makes- Asian paints, Nerolac, Berger, Dulux or equivalent.</b>				
	<b>Approved makes- Asian paints, Nerolac, Berger, Dulux or equivalent.</b>				
<b>16.3</b>	<b>TEXTURED PAINT</b>				



	Providing and applying textured surface coating on walls of approved shade & texture in two or more shades with roller & spray (Basic rate Rs. 800/- per Sq.m). The rates are inclusive of scaffolding staging etc. for any height and for plane as well as for architectural surface. All complete as per approval and instructions of the Architect / Engineer-in-charge.	10.00	Sq.Mt.		-
	<b>Make- Oikos, Acro or equivalent.</b>				
<b>16.4</b>	<b>POP PUNNING</b>				
	Providing & applying approx. 12mm thick Birla POP punning on wall to give a clean smooth and plumb surface.	10.00	Sq.Mt.		-
<b>17</b>	<b>FURNITURE (GODREJ, HNI, WIPRO, FEATHERLITE)</b>				
<b>17.1</b>	<b>BM CHAIR</b>	1.00	No.		-
	<b>Godrej Greta 2.0 High Back- Fabric Ergonomic Office Chair (Black Ink with White Body)</b> Providing and placing of Godrej Greta 2.0 Revolving Chair, Size- 760mm(W) X 760mm(D) X 1130mm- 1230mm(H). Seat Height: 455mm-550mm. Self-Calibrating Lumbar Depth: Firm lumbar pad that automatically adjusts the lumbar depth, based on the body's posture, and the mode of recline. Active Bio Synchro: Tilt tension automatically adjusts based on the user's body weight to provide required support. Be rest assured, there is no reverse push to the back in this chair. Armrest: Height, Depth and Swivel adjustability of the armrest offers the optimum arm support for all body movements. The 3D armrest provides complete support to the armrest in all positions of recline. Backrest suitable for all: Wide backrest supports the entire back when leaning back, sitting up straight. The product should be Greenguard(UL), SCS Indoor Advantage Gold & CII Green Pro, BIFMA Level 2 certified and the company should be ISO-9001:2015, ISO 14001:2015, ISO 45001:2018, AIOTA (All India Occupational Therapists Association) for Ergonomically Designed Products, BIFMA Membership Certificate for at least 10 Years, IGBC Membership Certificate for at least 10 Years.				
<b>17.2</b>	<b>OFFICER/ STAFF CHAIRS</b>	9.00	No.		-
	<b>Godrej Greta 2.0 Mid Back Fabric Ergonomic Chair (Black Ink with White Body)</b> Providing and placing of Godrej Greta 2.0 Revolving Chair, Size- 760mm (W) X 760mm(D) X 990mm- 1060mm(H). Seat Height: 455mm-550mm. Self-Calibrating Lumbar Depth: Firm lumbar pad that automatically adjusts the lumbar depth, based on the body's posture, and the mode of recline. Active Bio Synchro: Tilt tension automatically adjusts based on the user's body weight to provide required support. Be rest assured, there is no reverse push to the back in this chair. Armrest: Height, Depth and Swivel adjustability of the armrest offers the optimum arm support for all body movements. The 3D armrest provides complete support to the armrest in all positions of recline. Backrest suitable for all: Wide backrest supports the entire back when leaning back, sitting up straight. The product should be Greenguard(UL), SCS Indoor Advantage Gold & CII Green Pro, BIFMA Level 2 certified and the company should be ISO-9001:2015, ISO 14001:2015, ISO 45001:2018, AIOTA (All India Occupational Therapists Association) for Ergonomically Designed Products, BIFMA Membership Certificate for at least 10 Years, IGBC Membership Certificate for at least 10 Years.				
<b>17.3</b>	<b>VISITOR CHAIR</b>	7.00	No.		-
	<b>Godrej Bravo visitor knitted fabric visitor chair</b>				
<b>17.4</b>	<b>SOFA 3 SEATER with arm rest in Fabric finish in curve/ curvilinear shape</b>	3.00	No.		-
	Sofa 3 Seater with arm rest in Fabric finish (Pisa, Godrej or equivalent) as per selection by architect/ Bank Engineer.				
<b>17.5</b>	Providing and placing <b>CENTRE TABLE (Pisa, Godrej or equivalent)</b> as per selection by architect/ Bank Engineer.	1.00	No.		-
<b>17.6</b>	Providing and placing <b>SIDE TABLE (Pisa, Godrej or equivalent)</b> as per selection by architect/ Bank Engineer.	1.00	No.		-
<b>18</b>	<b>MISCELLANEOUS ITEMS</b>				
<b>18.1</b>	<b>BANK LOGO IN SS</b>				
	Providing and fixing Bank round Logo and name of branch with LED light S.S. and acrylic finish on wall / stone with proper hold fast and provision for light (Glowing ) approx. dia of logo 1000mm and letters 250mm height.	1.00	No.		-
<b>18.2</b>	Providing and placing aluminium dust buster mat, for entrance door, of 19 mm thickness of Euronics / 3M or equivalent make all complete as per directions of EIC.	1.50	Sq.Mt.		-
<b>18.3</b>	Providing and placing perforated Stainless Steel dustbins of thickness 16 SWG & grade 304, of size 250 mm dia. & 450 mm height & 3.5 kg weight per piece without lid with perforations of not more than 8mm of approved make all complete as per directions of EIC. (The sample should be got approved by EIC in advance before placing the order).	10.00	No.		-
<b>18.4</b>	<b>GLASS SHELF FOR TROPHY:</b> Providing and fixing glass shelves 3-4 feet length, 10 mm thk, 9" deep with necessary SS brackets edge polishing, etc complete.	1.50	Sq.Mt.		-
<b>18.5</b>	Providing and placing in position <b>planter box</b> of size 450 mm wide & 450 mm high made of 18 mm thick BWP board. Inside finished with 1 mm thick laminate and outside finished with 3.5 mm thick veneer. Exposed edges of board finished with 6 mm thick steam beach wood lipping. All wood work and veneer shall be finished with two or more coats of melamine polish over one coat of sealer. All complete as per approval of architect.	6.00	No.		-
<b>TOTAL INTERIOR &amp; FURNISHING WORKS</b>					<b>0.00</b>



**ELECTRICAL WORKS AT SBI SHAURYA BHAWAN BRANCH, NEW DELHI**

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (wherever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multi- stranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				
i	One light points controlled by one 6 amp. Modular switch	Nos.	12.00		-
ii	Two light points controlled by one 6 amp. Modular switch	Nos.	15.00		-
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	8.00		-
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	8.00		-
v	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	1.00		-
vi	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	Nos.	9.00		-
vii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				
a	Dependent	Nos.	5.00		-
ix	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade. (max 3 points per circuit)				
a	Primary	Nos.	6.00		-
b	Secondary	Nos.	12.00		-
x	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 16 Amp MCB two Nos. , for Glow sign Board.				
	Primary Point	Nos.	2.00		-
2	<b>POWER POINTS</b>				
	Same as serial no. 1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 <sup>st</sup> socket and 1 <sup>st</sup> to 2 <sup>nd</sup> , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly). (Maximum 2 points per circuit)				
a)	Primary point	Nos.	9.00		-
b)	Secondary point	Nos.	7.00		-
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box (tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top. (1.0, 1.5 Ton AC)	Nos.	2.00		-
3(b)	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A/16amp, 5 Pin modular socket controlled by one 16A switch (max 1 points per circuit) for Indoor AC unit .	Nos.	6.00		-
4	<b>COMPUTER POINTS</b>				

4.1	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter.				
4.1.1	Primary	Nos.	5.00		-
4.1.2	Secondary	Nos.	10.00		-
4.2	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 2 nos. 16 amps 5 pin modular type sockets, 2 No's 16 amps modular switch with all accessories, inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer incharge for the rack supply in server room, PA rack, CCTV, E- lobby, Fire, Token Vending. (Maximum 2 points in a circuit)				
4.2.1	Primary	Nos.	3.00		-
4.2.2	Secondary	Nos.	2.00		-
<b>B. CONDUITING FOR TELEPHONE, COMPUTER &amp; CONDUITING, WIRING FOR T.V. SYSTEM.</b>					
<b>1.0 TELEPHONE SYSTEM</b>					
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	12.00		-
1.20	Supplying & fixing 20 pair krone tag block with enclosure.	Nos.	1.00		-
<b>2 COMPUTER NETWORKING</b>					
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6A computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6A with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6A cable in PVC conduits throughout the length, from the I/O hub to the poi	Nos.	22.00		-
2.2	Supplying and fixing 9U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1.00		-
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	2.00		-
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	22.00		-
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	34.00		-
2.6	Supply and fixing of 1.6 mm thick G.I. Box along with RG 6 T.V Co axial socket with Cover Plate.	Nos.	2.00		-
2.7	Supply, drawing, connecting, testing and commissioning of T.V Coaxial cable RG 6 in existing conduit.	Nos.	100.00		-
<b>C. CABLES, MAINS &amp; SUBMAINS</b>					
1	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit must be 30 mm below the floor finish level.				
i	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	20.0		-
ii	2 X 4 sq.mm. + 1 X 4 sq.mm.	RM	30.00		-
iii	Supplying, laying, testing & commissioning of 4 C X 10 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth G.I wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification. (LIGHT DB,AC INDOOR DB AND OUTDOOR PANEL TO OUTDOOR MACHINE)	RM	70.00		-

iv	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification. <b>(POWER DB, UPS Room, E-Lobby)</b>	RM	100.00		-
v	Supplying, laying, testing & commissioning of 4 C X 35 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth G.I wire ncluding cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification. <b>( MAIN)</b>	RM	100.00		-
<b>2</b>	<b>Cable Tray and Raceways</b>				
	Supplying and fixing of following size of Perforated pre paited ms Cable Trays with perforation not more than 17.5% in convenient section, joined with connector, suspended from the ceiling with M.S. suspenders including bolts & nuts, paiting suspenders etc as required. Rates shall be included tee, band reducers etc.				
i	150x40 2mm thick Cable tray (For Submain Incoming)	RM	10.0		-
<b>3</b>	<b>RACEWAY</b>				
<b>3.1</b>	Supply, installation, testing & commissioning of GI raceway of size 200 mm width, made out of minimum 18 SWG GI sheet, including bends, tees, reducers, couplers, support system, nuts, bolts, clamps and all accessories, complete as required at site	Mtr	30.00		-
<b>3.2</b>	Supply, installation, testing & commissioning of GI junction box made out of 18 SWG GI sheet, size 300 mm x 300 mm, complete with hinged cover, gasket, necessary hardware, fixing accessories etc. as required	Nos	7.00		-
<b>D.</b>	<b>DISTRIBUTION BOARD</b>				
	Supplying, installing, testing & commissioning of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire boxl, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.				
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.				
	Inside each DB, a DB chart is to be fixed.				
<b>1</b>	<b>6-way TPN DB (LIGHT DB)</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 32 Amp TPN (10 KA) MCB with 32 A 4P RCCB (100 MA) .				
	<b>Outgoing:-</b>				
	12 Nos.10/20 Amp (10 KA) SP MCB				
<b>2</b>	<b>6-way TPN DB (POWER DB)</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A 4P RCCB (100 MA)				
	<b>Outgoing:-</b>				
	12 Nos.10/20/25 Amp (10 KA) SP MCB				
<b>3</b>	<b>4-way TPN DB (INDOOR AC UNIT DB)</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 40 Amp TPN (10 KA) MCB				
	<b>Outgoing:-</b>				
	12 Nos.10/20/25 Amp (10 KA) SP MCB				

4	<b>12-way SPN DB (UPS INPUT)</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 63 Amp TPN				
	<b>Outgoing:-</b>				
	2 Nos.40 Amp DP MCB				
5	<b>4-way SPN DB with 2 No 32 A (10 KA) DP MCB</b>	No.	2.00		-
6	<b>12-way SPN DB (For UPS Sub DB )</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	<b>Outgoing:-</b>				
	10 Nos.10Amp (10 KA) SP MCB				
7	<b>8-way SPN DB (For ELOBBY Normal OUTPUT )</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	<b>Outgoing:-</b>				
	4 Nos.6/10/16 Amp (10 KA) SP MCB				
8	<b>8-way SPN DB (For ELOBBY UPS OUTPUT )</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 25 Amp DP (10 KA) MCB with 25 A DP RCCB (100 MA)				
	<b>Outgoing:-</b>				
	4 Nos.6/10/16 Amp (10 KA) SP MCB				
9	<b>8-way SPN DB (For INVERTER )</b>	No.	1.00		-
	<b>Incomer:-</b>				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	<b>Outgoing:-</b>				
	4 Nos.6/10/16 Amp (10 KA) SP MCB				
8	<b>(LIGHT FITTINGS &amp; ACCESSORIES)</b>				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixures should be covered with minimum 3 Years onsite replacement warranty). Philips, Wipro, Tisva.				
8.1	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of <b>Havells STRATO 2X2PLR36W LED857MOD</b> As approved by Architect/EIC.	Nos.	14.00		-
8.2	20 Watt LED Downlight, recessed type, round, complete with all accessories as required.	Nos.	5.00		-
8.3	LED Strip for cove lighting 240 LED per meter with driver and necessary installation supporting fittings of Led strip light (5 mtr.) , wattage as specified from the manufacturer make as specified in tender document and approved by Architect/EIC.	Nos.	12.00		-
8.4	LED SUSPENDED LINEAR LIGHT of 50 Watt with all accessories all complete As specified in tender document or approved by Architect /EIC- <b>Havells Lumento Series 50 W Linear Hanging LED Light 4000 K 2.44 m (8 Ft)</b>	Nos.	22.00		-
8.5	18 Watt LED COB Downlight, recessed type, high efficiency, complete with all accessories as required <b>Havells Crysta Neo Swivel COB Spotlight 18 W 4000 K</b>	Nos.	30.00		-
8.6	Supplying, installation, testing & commissioning of 15 Watt LED Downlight, recessed type, round, complete with all accessories as required.	Nos.	5.00		-
8.7	Supplying, installation, testing & commissioning of <b>Wipro Curvilinear LM69-351-XXX-40-BL   Wattage-33   Housing Colour- Black   Color Temp 4000 K (neutral white)   Length-1.2 mtr (approx) LED Hanging Light, decorative type, complete with suspension kit, driver &amp; all accessories as required upto the satisfaction of</b>	Nos.	5.00		-
9	<b>EARTHING SYSTEM</b>				

1	Supply, Installation, Testing and Commissioning of Waterless Maintenance Free Earthing Based on Pre-Casted Conductive Earthing Electrode. <b>Work should be executed through either Bank approved agency or M/S Information technology (ITPC) Contact:9811067053/9717983433</b> i) Dimensions Length x Dia (MM) : 2000 x 100 with 16mm Solid Conductor (Cu) ii) Conduction: Non Ionic Movement of Ions iii) Multi Point Dissipation Contacts iv) Exceeds Grade 25 Concrete v) Environment: Ph Neutral Internal Material vi) Relative Density: 890-990 kg/m3 vii) 3000 times more effective than Bentonite viii) Electrolytic Corrosion Resistance: >86% reduction in corrosion ix) Short Circuit Current (Tested): Peak: 40 KA RMS: 22 Kilo Amps for 1 Sec x) Mechanical Strength: >Grade 25 Concrete xi) High Fault Current Test Withstand: 1686 V for 500 ms xii) Standards: IEEE 80:2000 & BS 7430 xiii) Warranty: 10 Years Full Replacement xiv) Life of Earthing: 25 Years respectively xvi) Make: KRATONITE / ITPC-METCHEM / KARANITE				
9.1	T-39	Nos	2.00		-
9.2	T-19	Nos	2.00		-
9.3	25 mm x 5 mm GI strip	RM	5.00		-
9.4	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required.	RM	90.00		-
<b>10</b>	<b><u>MAIN PANEL AND METER BOARD</u></b>				
1	supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal D.B of reputed make with extendible rotary handle and extended connecting links.				
	<b>1 No. 100 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer</b>	Nos.	1.00		-
2	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire/XLPE Cable 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2 mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) locable doors having structural reinforcement including 3 mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 1 nos 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc as per specifications as required.main panel board of approved make (Supertech Power Control/Zeniya/Shwtech) or make as approved by architect/SBI.				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders doors and switch handles shall be locable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All kA values indicated shall be Ics breaking capacity				
	GA drawings shall be got approved by <b>Architect/ SBI</b>				
<b>2.1</b>	<b>Floor panel shall consists of :-</b>				
	<b>INCOMER</b>				
	1 No. 100 Amps,TPN MCCB (25 KA) with extendible rotary handle each thermal over current, instantaneous, Short circuit release,Earth fault.				
	<b>BUSBARS</b>				
	150 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.				
	<b>INDICATING PANEL</b>				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 100/5A ratio, 10 VA Class-1.0 metering. - 1 sets				

	Red/ Green/ Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection				
	1 set of three phase indicating lamps along with 2A SP MCB backup protection				
	Restricted Earth fault relay with 3 Nos. current transformers of 100/5 ratio, 10 VA Class 5P 10 (Numeric Relay not required)				
	<b>OUTGOINGS:-</b>				
	1 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank,				
	1 No 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For AC TPN,				
	2 No 40A TPN RCBO (100 mA) terminals suitable to receive cable on one side and wire connection to Bus bars. For AC Outdoor,				
	<b>INCOMER FROM MAIN PANEL BUS BAR</b>				
	1no. 100 Amp 4P On Load Change over switch with 1 No. 100 Amps,TPN MCCB (25 KA) with extendible rotary handle each thermal over current, instantaneous, Short circuit release,Earth fault.				
	<b>BUSBARS</b>				
	150 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.				
	<b>INDICATING PANEL</b>				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 100/5A ratio, 10 VA Class-1.0 metering. - 1 sets				
	Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.				
	<b>OUTGOINGS:-</b>				
	3 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB,UPS, & SPARE)				
	2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB)				
	4 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For ATM ,INVERTER & SIGNAGE)				
	The <b>electrical panel</b> as described above and specifications complete.	Set	1.00		-
<b>2.2</b>	Supplying, installation, testing & commissioning of 20 KVAR, APFC Panel auto operation with 6 steps stage and power factor should be nearing unity complete as required including all contactors, relays, inducting units etc. as required at site". Capacitor make: <b>ABB/ Siemens/ Neptune</b>				
	6 nos. of capacitor duty contactors				
	1 Nos. 1 KVAR MPP type heavy duty capacitor banks along with 1 Nos. 16A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link				
	2 Nos. 2 KVAR MPP type heavy duty capacitor banks along with 2 Nos. 10A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link				
	3 Nos. 5 KVAR MPP type heavy duty capacitor banks along with 3 Nos. 16A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link				
	The <b>electrical panel</b> as described above and specifications complete.	Set	1.00		-
<b>11</b>	<b><u>PUBLIC ADDRESS SYSTEM</u></b>				
<b>11.1</b>	Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following <b>FRLS PVC conduits</b> including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit including all accessories.	Nos.	11.00		-
<b>11.2</b>	Supply, installation, testing and commissioning of following (BOSCH) make Music Accessories / Equipments.				
<b>11.3</b>	Ceiling Speaker Unit 6 Watts	Nos.	11.00		-
<b>11.4</b>	Power Amplifier, min 80 Watts with output transformer etc. complete. Plena Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB Also.	Nos.	1.00		-
	<b>TOTAL FOR ELECTRICAL WORKS</b>				<b>0.00</b>
Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra					

HVAC WORKS AT SBI SHAURYA BHAWAN BRANCH, NEW DELHI					
S.No	Description	Unit	Qty.	Rate	Amount
A)	<b>VRV/VRV AC SYSTEM</b>				
<b>1.0</b>	<b>OUT DOOR UNITS:</b>				
	Supply, Installation, Testing & Commissioning of Modular type Variable Refrigerant Flow/Variable Refrigerant Volume air cooled Outdoor units suitable for cooling/heating having 100% hermetically sealed inverter type twin Rotary/Scroll Compressor(s), minimum two compressors (with individual separate PCB) for above 14HP modules, microprocessor based Controller, top discharge type condensing unit(s), with R-410-A Refrigerant or equivalent, vibration Isolators with suitable foundation etc. complete as required. To have better efficiency condenser fan shall be capable to operate at different speed with respect to load. The unit shall deliver the rated capacity and in confirmation as per IS 18728:2024 and CPWD Specifications and work even at 50°C ambient temperature without tripping. The system shall be able to deliver 100% of the rated capacity upto 39 Degree Celcius. The unit shall be suitable to work on 400V +/- 10%, 3 Phase, 50Hz AC power supply and BMS compatible. The unit shall be filled with first charge of the refrigerant and ready for use as required. The condenser should be coated with a hydrophilic film to prevent water accumulation on the surface of the heat exchanger, enhance water dispersion, and reduce the risk of degradation, thereby improving overall performance and durability. The Indian Seasonal Energy Efficiency Ratio (ISEER) of the unit shall be as per Energy Conservation and Sustainable Building Code (ECSBC) 2024 as below and complete as per CPWD specification, connections, inter connections etc. as required.				
a)	8.0HP HEAT PUMP	Nos.	1		0.00
b)	10HP HEAT PUMP	Nos.	1		0.00
	<b>MAKE : TOSHIBA, MITSUBISHI, O GENERAL, DAIKIN</b>				
<b>2.0</b>	<b>VRV/VRV INDOOR UNITS:</b>				
	<b>MAKE : TOSHIBA, MITSUBISHI, O GENERAL, DAIKIN</b>				
<b>2.2</b>	Supply, Installation, Testing and Commissioning of following minimum capacity <b>1/4 way Cassette Type Indoor</b> ceiling mounted unit equipped with synthetic washable media pre-filter, fan section with low noise fan / dynamically balanced blower, multispeed motor, coil section with DX Copper coil, electronic expansion valve, outer cabinet, drain pump, grill, necessary supports, vibration Isolation, Corded remote control etc., suitable for operation on single phase 230 V ± 10%, 50Hz AC supply, complete, as required. The Indoor units must shut down upon receiving a signal from the BMS System/Fire Signals. The system shall be capable to adjust air flow as per room requirement in auto mode. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.				
a)	1.6TR 1way Cassette unit with drain pump	Nos.	2		0.00
b)	2.6TR 4way Cassette unit with drain pump	Nos.	1		0.00
c)	3.2TR 4way Cassette unit with drain pump	Nos.	1		0.00
d)	4.6TR 4way Cassette unit with drain pump	Nos.	1		0.00
	Supplying, Installation, Testing and Commissioning of following minimum capacity <b>High wall type</b> Indoor unit equipped with and comfort washable synthetic media pre filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V ± 10%, 50 Hz, single phase AC supply, complete as required. The Indoor units must shut down upon receiving a signal from the BMS System/Fire Signals. The system shall be capable to adjust air flow as per room requirement automatically. The cooling capacity of indoor unit will be at air inlet conditions of 27 OC DB and 19 OC WB temperature. (Make will be same as of Outdoor)				
a)	1.6tr Hiwall	Nos.	1		0.00
<b>3.0</b>	<b>HI - WALL SPLIT SYSTEMS</b>				
	<b>MAKE : TOSHIBA, MITSUBISHI, O GENERAL, DAIKIN, CARRIER</b>				

<b>3.1</b>	Supplying , Installation, Testing and Commissioning of Air Cooled <b>Hi Wall split type</b> Air conditioners complete with Indoor unit(IDU), Out door unit (ODU), surface / concealed copper Refrigerant piping with insulation (closed cell elastomeric nitrile rubber tubular pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 3.5 Mtr (IDU to ODU) i/c drain pipe R-32/R-410/ R-407 Green Refrigerant, wireless Remote control, suitable for working between 180-260V with low & high voltage cutoff and 50 hz ,1 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / rotary compressor. The system shall be able to deliver 100% of the rated capacity upto 42 OC. Min 5 year Original Equipment Manufacturer (OEM) warranty both compressor and Printed Circuit Board (PCB). Must comply : Electrical cable IS 694 or IS 9968 temperature sensing control IS /International Electrotechnical Commission (IEC) 60730, hermetic compressor IS 10617, heat exchanger IS 11329, capacitor IS 2993 and motor IS 12615. Complete as per CPWD specification and IS : 1391 Part II 2023. The system shall be able to operate up to 50 OC				
<b>a</b>	1.5 TR with 5 Star BEE Rating	Nos.	2		0.00
<b>3.2</b>	Supplying, installation and commissioning of <b>voltage stablizer</b> of range 170-280 V for Acs (V-guard/ Livguard/ Kirnotics make as approved by Architect/ Bank).(Copper Winding)				
<b>a</b>	For 1.0 / 1.5 Tr. Wall mount (4 Kva)	Nos.	1.00		0.00
<b>3.3</b>	Supplying, installation and commissioning of automatic 24HRS. <b>programmable TIMER</b> of required capacity to run A.C. alternately (MDS / L&T / Other reputed make).	Nos.	1.00		0.00
<b>4.0</b>	<b>REFRIGERANT PIPING:</b>				
	Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of hard drawn copper refrigerant piping for AC system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of 19 mm thick insulation as given below for Suction and Liquid lines, all accessories as per specifications etc. as required :				
<b>MAKE :</b>	<b>COPPER PIPE - MANDEV / RAJCO</b>				
<b>MAKE :</b>	<b>INSULATION - ARMACELL / K-FLEX / ALP</b>				
<b>a)</b>	6.40 mm dia (OD) (Soft drawn) with 19 mm thick insulation	Rmt	10		0.00
<b>b)</b>	9.50 mm dia (OD) (Soft drawn) with 19 mm thick insulation	Rmt	75		0.00
<b>c)</b>	12.70 mm dia (OD) (Soft drawn) with 19 mm thick insulation	Rmt	15		0.00
<b>c)</b>	15.9 mm dia (OD) (Soft drawn) 19 mm thick insulation	Rmt	65		0.00
<b>d)</b>	19.10 mm dia (OD) (Hard drawn)with 19 mm thick insulation	Rmt	25		0.00
<b>d)</b>	22.20 mm dia (OD) (Hard drawn) with 19 mm thick insulation	Rmt	20		0.00
<b>e)</b>	25.40 mm dia (OD) (Hard drawn) with 19 mm thick insulation	Rmt	10		0.00
<b>5.0</b>	<b>Y-JOINTS:</b>				
	Supply, Installation, Testing and Commissioning of Y/T/Multi Joints. Joints shall be of same Original Equipment Manufacturer (OEM) make as of ODUs and IDUs				
<b>MAKE :</b>	<b>TOSHIBA, MITSUBISHI,O GENERAL,DAIKIN</b>				
<b>MAKE :</b>	<b>INSULATION - ARMACELL / K-FLEX / ALP</b>				
<b>a)</b>	Y- Joints set (Indoor units)	Set	4		0.00
<b>6.0</b>	<b>OUTDOOR STAND</b>				