PROPOSED INTERIOR AND ALLIED WORKS OF STATE BANK OF INDIA,SME BRANCH, SEC-31, DHUNELA, SOHNA,HARYANA (122103)

				Estimated Rates	Amount (Rs.)
Sl No.	**Description**	**Unit**	**Quantity**	**Rate (Rs)**	
A	**INTERIOR & FURNISHING WORKS**				
1.0	PARTITIONS AND DOORS				
	Measurement of height shall be taken from finished floor level up to the level of false ceiling, in case of varying heights on either side of partition, average height shall considered. The rates 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 conduits 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 treatment properties.				
a	Providing & fixing Solid Full Height Partition 75mm thick with 25x50mm aluminium sections (1.5mm thk.) of Indal or equivalent @ 600 mm c/c in both directions, (vertical member to be in one piece) 12mm thk. Hdhmr board to be fixed on both sides and 1.0mm thick laminate pasted on both sides as per design & including provision of grooves as per drawing. Partition to have 100mm high band at skirting in laminate 1mm thick as per Specified color & Shade/shade in level with partition on both sides of partition. Item includes fixed toughened glass in between as per drawing of 12mm thick fixed with steem beech wood beading on both sides out of size 40x16mm with required headless nails secured to partition frame finished in lacquer polish natural color on the wood surfaces and finishing of grooves with polish etc. as per detail drgs.Rest of specifications same as main specifications of partitions, complete to the satisfaction of the Architect / Bank's Engineer	Sq.Mt.	22.00		
b	Providing & fixing 12mm thick clear toughend Fixed Glass for Cabins fixed in place in aluminium frame profile (black powder coated) section size 25 x 45mm having one side removable beading as per detail drgs. all four sides of frame to be fixed with screws in pvc gutty held in place to partition and flooring complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Mt.	26.00		
c	Providing and fixing front Frameless Patch Fitting Door with 12mm thick toughened glass with frame less glass fittings & double action floor springs as per design. The item includes providing and fixing wooden handle not less than 450mm long on both side of glass, center lock and fittings as per the manufacturer's specifications etc. complete to the satisfaction of Architect/ Bank's Engineer.				
	Door Size: 1000 x 2300 mm	Nos.	3.00		
d	Providing & fixing Low Height Partition (SWO Counters & Staff) 75mm thick with same specifications as item no. 1(a) above but with 1.0mm thick hi-gloss (Specified color & Shade) laminate fixed on both sides with wooden top (steem beech wood)of size 90x15mm thick having 12mm thick toughened glass in between as per design and drawing fixed in partition with 15mm thick steem beech wood beading on both sides secured by headless nails all wood finished in lacquer polish natural color as per design/ drawing, height of partition to be 1220mm high complete to the satisfaction of the Architect / Bank's Engineer.	Sq.Mt.	20.00		
e	Providing & fixing Glazed Door as per design/drawing with 75x50 mm teak wood polished frame (chaukhat). The flush door shutter 35mm thick waterproof of specified make laminated with 1mm thick laminate on both sides. Item includes fixing 10mm plain glass fixed with teak wood beading as per size in design/drawing polished in mellamine finish. The door is to be complete with mortice door lock & SS handle ,S.S stopper, 125mm S.S. hinges , Door Closer (Hettich/ Dorma/ Jolly). All wood surfaces to be mellamine polished complete to the satisfaction of Architect / Bank's Engineer. (Including Frosting Film 3M)	Sq.Mt.	8.00		
2.0	PANELLING				
a	Providing & fixing Panelling (Laminate) with frame work with 50 x 25 x 1.5mm aluminium tube sections @ 600 mm c/c in both directions, with 12mm thk. Hdhmr board finished with 1.0mm thk. laminate in two or more colour. Panelling to have additional raised skirting band of (100 mm high and 22 mm thick) in Hdhmr board all surface finished in laminate 1mm thick together with edge of skirting with 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 conduits as per drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer.	Sq.Mt.	30.00		

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				Estimated Rates	Amount (Rs.)
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b	Providing & fixing Panelling on columns with lacquer glass same as item no 2 (a) with frame work having raised hdhmr panels 4mm thick pasted on base of panelling board in design pattern leaving space in between for 4mm thick lacquer glass pasted with silicone & mdf fluted panel, all exposed surfaces finished with 1mm thick laminate. as per drawings & directions etc.complete to the satisfaction of Architect/Bank's Engineer. (Note: Charcoal panels & lacquer glass not included in this item.)	Sq.Mt.	6.00		
c	Providing & fixing additional box panelling (around digital glass) finished in 1mm thick laminate as per drawing behind SWO counters as per design with specifications same as item 2(a) having depth 150 /180 mm as per design/details with extra frame work as necessary for making cutouts for electrical switch plates, switch boxes, light fittings light etc. making provision for laying conduits as per drawings & directions etc.complete to the satisfaction of Architect/Bank's Engineer. (Only front facia will be considered for area calculation & Payment)	Sq.Mt.	10.00		
d	Providing & fixing Digital printing glass 6mm thick as per design on wall panelling as per design, pasted with silicone on base . Digital glass shall be as per design theme which shall be specified and design shall be given by contractor before execution complete to the satisfaction of the Architect /Bank's Engineer.	Sq.Mt.	5.50		
3.0	FALSE CEILING				
	Item includes providing False Ceiling in plane, curve shape and design .Suspending system and frame work shall match layout of A.C. ducts / grills, electrical /fire protection wiring / fixtures, return air grills etc. Rate to include provision of extra frame work for trap door , necessary scaffolding for double height needed due to layout of other utilities refered above and fixtures etc. Including finished with a top coat of velvet touch (Asian) paint. (Measurement shall be taken of the plan area only, coves to be paid separately)				
a	Providing and fixing Gypsum Board False Ceiling with INDIA GYPSUM ULTRA main g.i. ceiling sections at 1200 c/c and cross members at 450 c/c of INDIAN GYPSUM. The grid work to be suspended from ceiling with hangers at every 1200 c/c in both directions. The Frame work to be as per manufacturer's specifications. 12.5 mm thk. GYPBOARD to be screwerd to the frame. The board to be finished with filling the tapered edges of the board with jointing compound and finishing with paper tape of INDIA GYPSUM. The ceiling to be finished with a top coat of (asian velvet touch)paint as per manufacturer's specification along with provision of all necessary cut outs for electrical / air conditioning grills and necessary frame work including cove and curve designs etc. complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Mt.	113.00		
b	Providing coves in false ceilings as per design/drawings of patta size 75/100mm high , 150mm deep with 12mm gypsum board on base(to keep LED light strip) and cove wall(vertical) again of gypsum board 100mm high. (Item shall be painted in (asian velvet touch) Specified color & Shade and counted in running meter for measurement one time only.)	R Mt	18.00		
c	Fabricating & fixing in position Wooden False Ceiling with Laminate 1mm thick over 12mm thick BWP Grade IS:710 ply suspended & secured to G.I. frame of false ceiling at 400 x 400 c/c sections with hangers in both directions secured to rcc roof. Laminate pasting in design as per detail drawings. (Banking Hall)	Sq.Mt.	12.00		
d	Armstrong Tile ceiling				
	Supply and installation of (Micro Perforated) Acoustical Mineral Fiber Ceiling Panels Optra RH 95 NRC 0.90 of size 600 X 600 X 15 mm, Sillhouette steel angle grid system of armstrong, main tee are dould web design roll formed from hot dipped galvanized steel with prepainted steel capping, Main Tees are 3600 X 38 mm long with Base Metal thickness of 0.38 mm, has cross Tee slots at 100 mm centres and suspension holes in the bulb conveniently located at every 52mm, suspended with CL 315 Clip with heavy duty plugs to be suspended with the ceiling. Cross Tee are 1200 X 28mm and 600 X 28 mm and 600 X 28 mm long. Lay visual appeal. Perimetre wall angle is 3000 X 24 X 24 mm with Base metal thickness of 0.45mm. Armstrong tile ceiling in the gird including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc.	Sq. Mt.	38		

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e	Providing and fixing of an extruded aluminium Baffle Ceiling System (Armstrong, Unistone, Durlum, or equivalent), consisting of 50mm wide x 100mm high x 0.6mm thick square-edge baffles in lengths up to 4m. The baffles shall be manufactured from a high-strength, corrosion-resistant alloy and finished in a wood grain (Red Oak or Cherry) or an architect-approved color. The coating process shall be coil-coated and chromatized for maximum bond, enamelled twice under high temperature with a full primer and finish coat on the visible side, and a primer/skin coat on the inner side. Baffles are to be bolted onto a U10 top and bottom cover and fixed to L-shaped galvanised steel angles at a module of 100–150mm center-to-center as per specifications. The L-shaped galvanised angles shall be spaced at 1200mm center-to-center and suspended by means of suspension angles and anchor fasteners, also at a maximum center-to-center distance of 1200mm.	Sq. Mt.	30		
4.0	COUNTER/ TABLES/ WORKSTATIONS				
	All Tables/ Counters/Work stations to have 18mm thk. BWP Grade IS:710 ply top and sides and 1.0 mm thk. laminate (Decorative/Texture/Metallic/High Gloss) finish on exposed surfaces along with 0.8 mm thk. white laminate on inside surface, drawer units to be made from 12 mm thk. BWP Grade IS:710 ply with 18mm thk. BWP Grade IS:710 ply FASCIA with 1.0 mm thk. laminate finish (as per individual item).The drawers to run on telescopic drawer channels. Drawer units shall have two smaller and one bigger drawer and auto locking arrangement as per specified hardware in make of materials. Footrest 75x50mm made of 2nd class teakwood member to be fixed in each table. The rate shall include providing all hardware such as drawer channels, S.S. handles,lock, aluminium cable manager flap type 80x160mm etc. complete. The item also includes a tray for keyboard runing on telescopic channel, finshed with laminate on top and rounded front of size 560x450mm, wooden platforms finished in laminate 1mm thick for CPU under tables etc. complete to the satisfaction of Architect/ Bank's Engineer.				
a	Providing and placing Branch Manager Table made of 18mm thk. BWP Grade IS:710 ply finished with approved 6mm thk. white solid acrylic surface on top & side edges on table and sides made with 18mm thk. BWP Grade IS:710 ply finished with 1.0mm thk. high gloss decorative laminate. Modesty panel to be made of 12mm thk. frosted toughened glass. Table top edges to be approx. 50mm thk. with solid acrylic surface (Specified color & Shade) finish as per design & details. Rest of the specifications for drawer units etc. shall be as per main specifications mentioned above etc. complete as per design/ drawing. The table size shall be 1980mm x 800 x 760(H)mm.	Nos	1.00		
a1	Providing and fixing a Side Credenza (BM) of size 3'-6" x 1'-6" x 2'-6" height, constructed from 18mm thick BWP board with a 36mm thick exposed top edge achieved by providing an additional 18mm thick BWP board patta. The unit shall include a dedicated computer and printer cabinet (1'-4" wide x 2'-6" high) featuring openable shutters with 6mm thick teak wood beading on top edges finished in PU coating. All external surfaces, including the top, front, sides, and shutters, shall be finished with 1mm thick laminate, while all internal surfaces shall have a 0.8mm thick laminate finish; the back shall be made from 5–6mm thick BWP board. The shutters shall be equipped with approved-make group locks, handles, and auto-hinges. The rate shall be inclusive of all necessary hardware and provisions for computer installation and cable management as per site requirements.	Nos	1.00		
b	Providing and placing in position Officer Table made of 19mm thk. BWP Grade block board and sides finished with 1.0mm thk. laminate. Front modesty panel to be as per given design/ drawings made of 18mm thk. BWP Grade block board finished with 1.0mm thk laminate. Rest of the specifications for drawer units etc. shall be as per main specifications mentioned above etc. complete as per design/ drawing.				
	1530x760x760 (H)mm.	Nos.	4.00		
	1220 x 760 x 760 (H)mm	Nos.	2.00		
c	Providing and fixing Side Table of Officer Tables made of 18mm thick BWP Grade IS:710 ply and finsihed with laminate 1mm thick as per color & shade. The side table to have shuttered storage below with one shelf. The inside of side table to be finished with 0.8mm thk. white laminate. The rate shall include providing all hardware such as auto hinges, S.S. handles and locks etc. complete as per design/drawing. The side table size shall be 1000x450x760(H)mm.	Nos.	6.00		

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				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
e	Providing and fixing Side Rack or Back Storage Unit for Banking Counters & Branch Mgr. Cabin made of 18 mm thk. BWP Grade IS:710 ply board having 450mm wide top provided with 6mm thk. high density White solid acrylic surface (Specified color & Shade) on top & side edges as per specified make and sides with shutters design as per drawing/detail finished with 1mm thk. laminate in Specified color & Shade & shade. The side table to have shuttered storage below with one shelf. The inside of side table to be finished with 0.8mm thk. white laminate. The rate shall include providing all hardware such as auto hinges, S.S. handles and auto locking locks for drawers etc. complete as per design/drawing.	Sq Mt	2.00		
g	Providing and fixing Writing Desk Cabinet made of 18mm thk. BWP Grade IS:710 ply finished with 1mm thk. laminate and having shelves for keeping Bank slips, and storage below with shutters as per the design/ drawing etc. complete to the satisfaction of Architect/Bank's Engineer. (Size of the writing desk shall be 1200mmx300x1100mm.)	Sq Mt	1.00		
h	Providing and fixing 12mm thk. Toughened Glass in front portion of single window counters with s/s brackets including cutouts for passing currency and communication as per drawing. The edges of the glass to be machine polished complete to the satisfaction of Architect/ Bank's Engineer.	Sq.Mt.	1.00		
i	Single Window Operator (SWO) & Other Desk Counter	Rmt	5.00		
	Supplying, fabricating, and keeping in position the Single Window Operator (SWO) counter as an independent unit (Length 4'-6" to 6'-5"). (a) Carcass constructed from 19mm thick BWP board of approved make with 19mm CP teakwood lipping on all exposed edges. (b) Includes a 4-drawer pedestal unit (2'-0" x 1'-3" x 2'-0") with pigeonhole, multipurpose auto-locks, and Godrej heavy-duty full-extension telescopic channels. (c) Internal surfaces finished with 0.8mm laminate and woodwork finished with smooth lacquer polish.				
	(a) Working table and transaction top to be rounded from front using 2x6mm thick flexy plywood. (b) Top and edges finished with 6mm thick White Solid Acrylic Surface (Corian/Samsung/LG/Dupont) as per design. (c) Front apron (modesty panel) designed in two levels: upper level finished with solid acrylic surface; bottom layer (19" high) finished with 6mm thick Blue Lacquered Glass fixed with natural silicon gum on 18mm BWP board. (d) Facing of drawers and other visible areas finished with 1mm thick laminate.				
	(a) Supplying and fixing metal keyboard tray, ready-made steel CPU stand (16" x 24"), and metal cable manager. (b) Footrest of 3" x 1.5" C.P. teakwood included. (c) All fittings including S.S. handles, piano hinges, and ball catchers of approved make. (d) Unit to be measured in Running Meters (R.Mt.) between partitions. Rate includes all materials, labor, and finishing as per Bank's New Uniform Layout drawings.				
5.0	STORAGE CUPBOARDS				
a	Providing & fixing Low/Full Height Box Storage cabinet 450mm deep of height 900/760mm height as per drawing/design , shelves to be made with 18 mm thk. BWP Grade IS:710 ply and 6mm thk. BWP Grade IS:710 ply fixed at the back. The shutters to be made with 18mm thk. BWP Grade IS:710 ply without handles as per design overlapping the frame, finished with 1.0 mm thk. laminate on all exposed surfaces & 0.8mm laminate on inside surface of box cabinet. Cabinet top edge made of 36mm thick as per drawing finished with 2mm thk. edge binding tapes , all shutters to have 1mm thk. edge binding tapes(rehau) as per details including S.S. handles, self closing hinges, locks, etc. complete to the satisfaction of Architect / Bank's Engineer. (Only front elevation will be considered for area calculation)	Sq.Mt.	41.00		
a.1	Same as above (storageitem) but for overhead storage with depth of storage as 300 mm.	Sq.Mt.	1.00		
a.2	Same as above (storageitem) but for underhead storage with depth of storage as 300 mm.	Sq.Mt.	2.00		
b	Providing & applying paint on walls, ceiling and elsewhere with (Velvet Touch) Acrylic Emulsion Paint (Roller Finish) as per Specified color & Shade after preparing the base by applying 2 coats of birla white putty for making the surface plane & smooth and then applying 2 or more coats of plastic emulsion paint with final coat done with rollers as per manufacturer's specifications etc. complete to the satisfaction of Architect/Bank's Engineer.	Sq.Mt	185.00		

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Sl No.	Description	Unit	Quantity	Estimated Rates Rate (Rs)	Amount (Rs.)
c	Providing and applying approx. 12mm thk. POP Punning on walls , ceiling and elsewhere to give a clean smooth and plumb surface as per the instructions of Architect/Bank's Engineer.	Sq.Mt	185.00		
e	SHUTTER BOXING - Providing & fixing in position Aluminium Composite Panel (ACP) with framing of Aluminium Tube sections of min 2" * 1" and 20 gauge 2'-0" C/C both ways. Mirror screws to be used. Joints to be finished with Silicon based sealant. ACP thickness of 3mm minimum. Aluminium foil thickness to be min 0.25 mm., 2'-0" C/C both ways. ACP to be in 2' width panels or distributed equally. ACP thickness of 3mm minimum. (Alubond/ Alstone/ Alcobond) or equivalent ISI approved brands to be used. Shades to be as per bank's approval. Trap door will be 12 mm marine ply finished with ACP, complete as per instructions of Architect/ Bank's Engineer. Item includes scaffolding as may be required etc. complete as per site conditions. (Only front facia & Balcony Ceiling to be measured for payment.)	Sq.Mt	8.00		
f	Providing and fixing Louvered Shutter Cabinet Box for main Electrical panel fabricated out of 18 mm thk. BWP Grade IS:710 ply board and finished with 1 mm thick laminate on outside & 0.8mm laminate on inside of approved make,having aluminium louvers (ventilation purpse) in powder coated white finish as per drawing. Coating of fire retardent and anti-termite paint inside. complete as per instructions of Architect/ Bank's Engineer.	Sq.Mt	4.50		
g	Providing & fixing in position 4mm thick Lacquered glass (Blue) on facia of SWO counters & BM Table duly fixed with adhesive/ s/s screw wherever required in desired pattern etc. complete as per instructions of Architect/ Bank's Engineer.	Sq.Mt	6.00		
h	Providing & fixing on fixed glass Frosting film 3M wherever required as per design & drawing in desired pattern etc. complete as per instructions of Architect/ Bank's Engineer.	Sq.Mt	9.00		
i	Providing and fixing wooden wicket gates 36mm thick of apprx. Size 800mm X 1200 mm made of 38 mm thk. BWR ply board & both sides laminate 1mm thick of approved make and color complete with godrej premium night latch lock hinges etc. complete as per instructions of Architect/ Bank's Engineer.	Nos.	1.00		
j	Providing and fixing of pelmets L- shape near glass windows as per drawing made up of 36mm BWR Ply having the two dimentions 200mm each or more fininshed in laminate 1mm thick of desired color on exposed surface and 0.8mm white color on inside surface with teak margin 6mm thick on edge polished in natual color.	R.Mt.	8.00		
k	Providing and fixing Zebra Blinds (Vista Levelor/ MAC/ DACK) of approved shade, texture and fabric including all associated accesories etc. complete to the satisfaction of Architect/Bank's Engineer. (Base rate: Rs. 195 per sq ft)	Sq.Mt	20.00		
m	Providing & fixing Charcoal panels (Out of 250x2750mm) on panelling with 4mm Hdhmr Ply on back in a design pattern with fevicol,headless nails as per design/ drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer.Note: This item includes cutting, pasting, providing designer pattern as per drawing.	Sq Mt	7.00		
n	Providing & fixing wooden battens made up of Steem Beach wood fixed on panelling (item no 2a) in a design pattern with headless nails countersunk proper sanded made smooth finish with lacquer natural polish as per drawing complete with lacquer natural polish as per design/ drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer.				
	(i) Wooden battens 20mmx20mm	R.Mt.	75.00		
	(ii) Wooden battens 30mmx25mm	R.Mt.	120.00		
o	Providing & fixing Lacquered glass 4 mm pasted on Hdhmr panelling in a design pattern with adhesive as per design/ drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer. Note: This item includes cutting, pasting, providing designer pattern as per design/ drawing. (For Wall Panelling)	Sq Mt	7.00		

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				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
p	Providing & pasting wallpaper on Hdhmr Panel as per design/ drawings & directions etc. with undercoat of putty and paint complete to the satisfaction of the Architect /Bank's Engineer. Note : Base rate of wall paper Rs. 7000/- per roll	Sq Mt	12.00		
r	Providing and fixing 6mm thk. high density (Specified color & Shade) solid acrylic surface on top & side edges as per specified make and sides as per design/ drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer.	Sq.Mt.	8.00		
s	Providing and placing Center Table for customer waiting area of size 900 mm x 600 mm, made of 19 mm thick block board (IS:1659) and finished with 1.0 mm thick laminate of approved make on all exposed surfaces, all complete as per drawings. The table shall have 10 mm thick toughened glass top fixed with 100 mm (4") high SS spacers, and the maximum height of the table shall be 450 mm. Rate to include all materials, labor, and necessary hardware, all complete as per direction of Architect / Engineer-in-charge.	Nos.	2.00		
t	Providing and placing Side Table for customer waiting area of size 400 mm x 400 mm, made of 19 mm thick block board (IS:1659) and finished with 1.0 mm thick laminate of approved make on all exposed surfaces, all complete as per drawings. The table shall have 10 mm thick toughened glass top fixed with SS spacers, and the maximum height of the table shall be 450 mm. All complete as per direction of Architect/Engineer-in-charge.	Nos.	6.00		
y	Providing and fixing **10 mm thick laser cut acrylic letters** and brand logo. Lettering shall be in white color acrylic sheet, and the logo shall be in the approved brand color of the required size and shape. Rate includes laser cutting and fixing the letters/logo to the background surface with high-strength adhesive/silicon tape. All work to be executed as per approved architectural drawings and all complete as per direction of Engineer-in-charge.	per square inch	500.00		
z	Providing and fixing in position **S.S. Name/Signage Plate** with letters/figures as per the approved drawing/text. The letters/figures shall be embossed on the plate as per design. The plate shall be made of **Stainless Steel (SS) 304 Grade** and **18 gauge thickness**, fixed to the wall or door with SS bolts as required. Rate includes all materials, labor, and hardware, all complete as per direction of Architect / Bank's Engineer.	per Sq. Inch	150.00		
aa	Providing and fixing **Brushed Steel finished Night Latch** (opening as per site requirement) of Make: **Godrej (Cat No. 8812)** or approved equivalent. Rate includes necessary screws, fittings, and installation labor, all complete as per the directions of the Architect / Bank's Engineer.	Nos	1.00		
ab	Providing and placing SS perforated dustbin with square holes of Euronics / approved make (CatNo.-AFBR3FP) of size 200 x 300mmall complete as per directions of Architect / Engineer-in-charge.	Nos	7.00		
ac	Providing and placing aluminium dust buster mat for entrance door of 19mm thickness of Euronics /approved make all complete as per the the directions of the Architect/Employer.	Sq. Mt.	4.00		
ad	Providing and placing in position planterbox 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.	Nos	6.00		
ae	**GLASS SHELF FOR TROPHY**: Providing and fixing glass shelves 3-4 feet length, 10 mm thk, 9" deep with necessary SS brackets edge polishing, etc complete.	Nos	1.50		
	Disposal of rubbish/ mulba after dismantling/ demolition including clearing building waste of all types, rank vegetation etc. all complete as per the directions of Bank's Engineer/ Architect.	Job	0.00		
	Note: (1) The site and premises to be cleared of all dismantled servicable/ unserviceable material. i.e. disposal of all dismantled materials/ fixtures and debris/ garbage material beyond existing Bank's branch premises including all leads and lifts etc. complete.				
	(2) Bank shall not pay any extra cost charges to vendor for the dismanting of existing partition, furniture ,false ceiling,panelling/wall cladding, glass,windows, etc. This is a running branch for which vendor has to put temporary partition for smooth working of branch & customers at no extra cost/ Payment. as per design/ drawings & directions etc. complete to the satisfaction of the Architect /Bank's Engineer.				

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				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
	SUBTOTAL INTERIOR WORKS RS.				
	LUM SUM SALVAGE				
	TOTAL AMOUNTS AFTER LESS SALVAGE ITEMS (INTERIOR WORKS)				
PROPOSED ELECTRICAL OF STATE BANK OF INDIA,SME BRANCH, SEC-31,DHUNELA, SOHNA,HARYANA (122103)					
S. No.	**Description**	**Unit**	**Quantity**	**Rate (in Rs.)**	**Amount (in Rs.)**
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 (whereever 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 flling 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.	16.00		
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.	12.00		
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	8.00		
v	Five light points controlled by one 6 amp. Modular switch	Nos.	5.00		
vi	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		
vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	Nos.	17.00		
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				
a	Dependent	Nos.	6.00		
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.				
a	Primary	Nos.	7.00		
b	Secondary	Nos.	10.00		
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.				
a	Primary Point	Nos.	2.00		
2	**POWER POINTS**				
	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 1st socket and 1st to 2nd, 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).				
a)	Primary point	Nos.	10.00		
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.	Nos.	7.00		
3(b)	Same as serial no.1, but wiring for A/C socket by using 4*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type 4 way SPN DB complete in all respects controlled by with 40 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit.	Nos.	1.00		
4	**COMPUTER POINTS**				

PROPOSED INTERIOR AND ALLIED WORKS OF STATE BANK OF INDIA,SME BRANCH, SEC-31, DHUNELA, SOHNA,HARYANA (122103)					
				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
a	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 swtich 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.				
	Primary	Nos.	8.00		
	Secondary	Nos.	12.00		
b	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 **1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular swtich** 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.				
	Primary	Nos.	2.00		
	Secondary	Nos.	2.00		
B.	**CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.**				
1.0	**TELEPHONE SYSTEM**				
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6A 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 telephone socket with shutter, RJ 47 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6A cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	11.00		
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
a)	Supplying & fixing 12 pair krone tag block with enclosure.	Nos.	1.00		
2	**COMPUTER NETWORKING**				
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 lenght, from the I/O hub to the point.	Nos.	20.00		
2.2	Supplying and fixing 9 U (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.	13.00		
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	20.00		
C.	**CABLES, MAINS & SUBMAINS**				
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	35.00		
ii	2 X 4 sq.mm. + 1 X 4 sq.mm.	RM	40.00		
iii	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 acessories, Clamps etc. as required as per specification (LIGHT PLUG DB, Power DB UPS Room,).	RM	75.00		
iv	Supplying, laying, testing & commissioning of 4 C X 25 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 acessories, Clamps etc. as required as per specification (AC DB).	RM	25.00		
v	Supplying, laying, testing & commissioning of 4 C X 50 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification **(for Main Connection)**	RM	55.00		
D.	**DISTRIBUTION BOARD**				

PROPOSED INTERIOR AND ALLIED WORKS OF STATE BANK OF INDIA,SME BRANCH, SEC-31, DHUNELA, SOHNA,HARYANA (122103)					
				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
	Supplying, installing, testing & commissiong 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.				
a	**6-way TPN DB (LIGHT DB & 6 A raw point)**	No.	1.00		
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
b	**6-way TPN DB (POWER DB & AC DB)**	No.	2.00		
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20/25/ Amp (10 KA) SP MCB				
c	**12-way SPN DB (UPS INPUT)**	No.	1.00		
	Incomer:-				
	1 No. 63 Amp TPN				
	Outgoing:-				
	3 Nos.40 Amp DP MCB				
d	**2-way SPN DB with 40 A** DP MCB (For UPS Input / output **)**	No.	3.00		
e	**12 way SPN DB (For UPS OUTPUT)**	No.	2.00		
	Incomer:-				
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100 MA)				
	Outgoing:-				
	8 Nos.6/10/16 Amp (10 KA) SP MCB				
E	**(LIGHT FITTINGS & ACCESSORIES)**				
	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,Havells**				
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect.	Nos.	25.00		
ii	Supplying, fixing, testing and commissioning of 15/18 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect.	Nos.	40.00		
iii	Supplying, fixing, testing and commissioning of 5/7 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect.	Nos.	8.00		
iv	Supplying, fixing, testing and commissioning of 20 W LED T 8 fitting make As specified in tender document or approved by SBI/ Architect.	Nos.	8.00		
v	LED Strip for cove lighting 15 W per 5 M with driver fixed in aluminium corner profile with necessary installation supporting fittings of Led strip light (5 mtr.) make as specified in tender document or approved by SBI/ Architect.	Nos.	16.00		
vi	Supplying, fixing, testing and commissioning of commercial type SUSPENDED LIGHT FIXTURE Decorative Light ,Wattage as per design required by architect light of make As specified in tender document or approved by SBI/Architect. **(Basic price start 5000 rs)**	Nos.	2.00		
vii	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved by SBI/ Architect. **(METAL BODY)**	Nos.	15.00		

PROPOSED INTERIOR AND ALLIED WORKS OF STATE BANK OF INDIA,SME BRANCH, SEC-31, DHUNELA, SOHNA,HARYANA (122103)					
				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
viii	Supply & fixing of 230 mm exhaust fan with louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by SBI/ Architect.	Nos.	2.00		
F.	**EARTHING SYSTEM**				
1	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2.00		
2	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2.00		
3	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.				
i	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 eith using of copper lug at end termination	RM	65.00		
G.	**MAIN PANEL AND METER BOARD**				
1	supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal D.B of reputeded make with extendeble rotary handle and extended connecting links				
	1 No. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer	Nos.	1.00		
a	**Floor panel shall consists of : -**				
	INCOMER FROM MAIN LINE				
	1 No. 125 Amps,TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short circuit realease,Earth fault.				
	BUSBARS				
	150 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 160/5A ratio, 10 VA Class-1.0 metering. - 1 sets				
	Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.				
	OUTGOINGS:-				
	1 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bar for capacitor Bank				
	INCOMER FROM MAIN PANEL BUS BAR				
	1no. 125 Amp 4P On Load Change over switch with 1 No. 125 Amps,TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short circuit realease,Earth fault.				
	BUSBARS				
	150 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 125/5A ratio, 10 VA Class-1.0 metering. - 1 sets				
	Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.				
	OUTGOINGS:-				
	4 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB,UPS, AC DB & SPARE)				
	2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB)				
	3 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For SIGNAGE)				
	The **electrical panel** as described above and specifications complete.	Set	1.00		
b	Supplying, installation, testing & commissioning of 15 KVAR, APFC Panel auto operation with 12 steps stage and power factor should be nearing unity complete as required inluding all contactors, relays, indivating units etc. as required at site". Capacitor make: ABB/ Siemens/ Neptune	Set	1.00		
	5 nos. of capacitor duty contactors				

PROPOSED INTERIOR AND ALLIED WORKS OF STATE BANK OF INDIA,SME BRANCH, SEC-31, DHUNELA, SOHNA,HARYANA (122103)					
				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
	2 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				
	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				
	1 Nos. 1 KVAR MPP type heavy duty capacitor banks along with 1 Nos. 10A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link				
H	PUBLIC ADDRESS SYSTEM				
1	Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits 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 accessaries.	Nos.	7		
2	Supply, installation, testing and commissioning of following Philips/Ahuja/Bosch make Music Accessories / Equipments.				
a.	Ceiling Speaker Unit 6 Watts	Nos.	7		
b	Power Amplifier, min 70 Watts with output transformer etc. complete Philips/Ahuja or as approved by the Bank capable of taking Inputs from USB Also.	Nos.	1		
	TOTAL FOR ELECTRICAL & ALLIED WORKS				

PROPOSED AC WORKS OF STATE BANK OF INDIA,SME BRANCH, SEC-31,DHUNELA, SOHNA,HARYANA (122103)					
S. No.	Description	Unit	Qty.	Rate (in Rs.)	Amount (in Rs.)
	SPLIT/ CASSETTE TYPE AIR CONDITIONERS				
1	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Mitsubhishi/ Hitachi/ O-General/ Voltas/ Daikin) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (All coils – copper only), fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R32/ R-410. All complete as per drawing, approval and instructions of the Architect/ Employer. Item to include powder coated outdoor stands as per the manufacturer specifications.(Rates to be inclusive of Copper refrigerant pipe with insulation up to 3 Mtr length only for Each split AC Unit)				
a	1.0 TR split AC 5 star rating inverter type including all necessary fittings and mountings as specified by the manufacturer (For ATM & Discussion room)	Nos.	1.00		
b	1.5 TR split AC 5 star rating inverter type including all necessary fittings and mountings as specified by the manufacturer (For ATM & Discussion room)	Nos.	2.00		
c	2.0 TR split AC 5 star rating inverter type including all necessary fittings and mountings as specified by the manufacturer (For ATM & Discussion room)	Nos.	1.00		
d	2.0 TR cassette AC 5 star rating inverter type including all necessary fittings and mountings as specified by the manufacturer (For Welcome lobby)	Nos.	2.00		
e	3.0 TR Cassette AC inverter type Ceiling suspended Cassette with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer. (For Hall)	Nos.	1.00		
2	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with O class nitrile rubber insulation with pipe , both of size as specified by the manufacturer suitable for 1.0/1.5/ 2.0 TR Split type AC and 2.0 TR/ 3.0 TR/4.0 TR Cassette AC - From Indoor to outdoor Units (make as approved by Architect/ Bank)				
a	For 1.5 TR/ 1.0 TR Split AC as specified by the manufacturer	Mtr.	100.00		
b	For 2.0 TR/ 3.0 TR Cassette as specified by the manufacturer	Mtr.	70.00		
3	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer (make as approved by Architect/ Bank).				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	55.00		
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	65.00		
4	Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 6” c/c welded with 40 X 3 mm MS flat all- round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.				
a	1/1.5/2 TR split/cassette unit	Nos.	6.00		
b	3 TR ceiling mounted cassette unit	Nos.	1.00		

PROPOSED INTERIOR AND ALLIED WORKS OF STATE BANK OF INDIA,SME BRANCH, SEC-31, DHUNELA, SOHNA,HARYANA (122103)					
				Estimated Rates	Amount (Rs.)
Sl No.	Description	Unit	Quantity	Rate (Rs)	
5	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0/1.5 TR Split type AC with 2mm Thik FRLS Conduit and all other accessories etc. All complete as per approval and instructions of the Architect/ employer. (make as approved by Architect/ Bank).				
a	For 1.0/1.5/2.0 TR ACs	Mtr.	140.00		
b	For 3.0 TR AC	Mtr.	25.00		
	Air Purification Plasma ionization				
6	The Active Air Purification system should consist of Supply, Installation, Testing and commissioning of Bipolar Ionisation System. The Bipolar Ionisation System must be a combination of Tube Based Model and Needle Point Model (Needle Point should have Nitinol (nickel titanium) Needles) and Carbon Fibre Brush Model, System should produce positive and negative ions for creating a Bio Climate rich in ions and hence neutralising harmful pollutants including pathogens, Volatile Organic Compounds and Particulate Matter.	Nos.	7.00		
	The System should be capable of providing periodic Preventive maintenance for automated after sales support service in form of notification/alerts and user interaction through dashboard application. Supplier must have experience of more than 3 years of executing projects with the same technology products.				
	Following Certifications are mandatory to produce The Carbon Brush and Self Cleaning nickel titanium based Needle Point Bipolar Ionizer must be UL 2043 and UL 1995 certified.The Carbon Brush and Self Cleaning nickel titanium based Needle Point Bipolar Ionizer must have UL-2998 Certification for Safety against Zero Ozone Emission as per recommendation by ASHRAE.The Carbon Brush and Self Cleaning nickel titanium based Needle Point Bipolar Ionizer and Tube Based Model Should be tested on UL or Intertek/ETL to prove conformance to UL 867 for electronic devices. Other Product Certifications required are ISO16000 , CSA C22.2# 187, and CARB. Manufacturers shall provide Test report from Internationally/Nationally recognized Lab for proven efficacy on below pathogens with minimum kill rates for the following pathogens given the allotted time and in a space condition: a) SARS-CoV-2 (COVID-19) Human Strain b) MS2 Bacteriophage (Surrogates COVID-19) c) Omicron Variant of SARS-CoV-2 d) H1N1 e) Total Bacterial Count Reduction rate of more than 90% from NABL Accredited Lab f) Yeas & Mold/Total fungal count Reduction rate of more than 90% from NABL Accredited Lab Make :- IntelliGreen/Eco-Green Engineers/Air Ultra				
	TOTAL FOR AIR CONDITIONING WORKS				
Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. Only GST will be paid Extra					
TOTAL FOR AIR CONDITIONING WORKS					