

PRICE BID OF INTERIOR, ELECTRICAL , FIRE ALARM SYSTEM WORK FOR PUNJAB AND SIND BANK BRANCH AT GTB NAGAR , JALANDHAR.		
Sno.	Description	DETAIL
1.00	CIVIL WORK	
2.00	INTERIOR & FURNISHING WORK	
3.00	ELECTRICAL WORK & DATA CABLING	
4.00	FIRE ALARM SYSTEM	
	GRAND TOTAL	
Ruppes:-		

PRICE BID FOR CIVIL WORK OF PUNJAB AND SIND BANK BRANCH AT GTB NAGAR, JALANDHAR.

S.No.	Item	Quantity	Units	Rate	Amount
	CIVIL WORKS				
1	DISMANTLING WORK:- Dismantling of brick wall of all thickness in cement mortar, including glazed tiles, cement plaster, door lintels , ducts and disposal of unserviceable material as directed. Dismantling of existing door/ window frames and shutters, fixed glazing and stacking of serviceable material and disposal of unserviceable material to nearest municipal dumping ground. Dismantling of existing false ceiling including removing base support frame in GI/ Wood etc. and disposal of unserviceable material to the closest dumping ground . Dismantling of existing partitions with doors in wood/ gypsum including removing base support frame in GI/ Wood etc. complete with glass and disposal of unserviceable material to the closest dumping ground. Dismantling and Removal of existing electrical installations, wiring, switches, sockets, conduits, light fixtures, stabilizers etc. complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground. Dismantling and Removal of existing AC units (indoor & outdoor) including the removal of the copper piping, drain pipe , interconnecting cables etc. complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground. Dismantling of filled up area/ raised floors/ concrete filling, PCC, Foam concrete etc. from the existing floor, toilets, paltry etc. complete in all respects and preparation of the surface to take new flooring The cost to include the disposal of debris to the nearest municipal grounds.Dismantling and Removal of existing Tables , low & full Ht. Storages , Side racks , pin up boards , Wall paneling complete in all respects and making site ready for new interior installations. The item includes disposal of unserviceable material to the closest dumping ground.	1	Nos		
	Note:-				
	The rate for all demolishing and dismantling to include carting and disposing of the debris outside the site at Municipal Dumping grounds.				
2	MASONRY AND PLASTER				
2.4	ANTI TERMITE :- Providing & applying of Antitermite Treatement of approved make as per site conditions Approved make of ISI Mark & IS Specifications as approved by Engineer/ Architect	1	NOS.		
2.5	SS Railing for staircase and Ramp :- Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	30	RFT		
3	PAVING AND WET WORKS				

3.1	VITRIFIED FLOOR TILES- Providing and laying Full body Vitrified tiles in flooring including 100mm high skirting (Basic rate of tile is Rs. 120/- per Sq.ft.) of homogeneous composition of size 600mm x 1200mm (thickness to be specified by the manufacturer) with water absorptions less than 0.08% and confirming to IS :15622 of approved shade and pattern. Tile to be laid on 20 to 50 mm thick cement mortar 1:4 (1 cement : 4coarse sand) including filling the joints with epoxy/ white cement slurry mixed with pigment to match the shade of the tile, leveling of floor if required, covering it with plaster of paris to avoid damages & complete cleaning prior to handing over. Including cost of Tiles Adhesive/ tile chemical .All complete as per drawing, approval and instructions of the Engineer incharge/Architect. Flooring – Ivory/Offwhite Vitrified tiles (Make : H R Johnson / Somany / RAK / Kajaria) (Model No Kajaria Tiles 222)	1650	Sq.ft		
3.4	KITCHEN/ PANTRY/ HAND WASH COUNTER :- Providing and fixing pantry with Granite stone top and 200 high back splash of base cabinet made of laminated shutter on 20mm BWP board with maple wood frame. All internal surfaces to have balancing laminate. The rate inclusive of necessary hardware, handle lock sets, self closing hinges, spring loaded shutter, latch inside, all cabinet hardware complete as per Architects approval. (BR of stone to be taken as Rs 2000/Sqmt). Width of work top counter 600mm/ detailed drawings. The cost to include fixing of the counter using MS angles with proper anchoring in the wall to take washbasin/ sink	7	RFT		
3.6	Semi glazed wooden doors with frame :- WIDTH (2'-6" TO 3'-6")				
	Providing & fixing of 35mm thick semi glazed flush type doors. Doors shall be finished with 1mm thick laminate of approved colour & make with 35 x 5mm steam beach wood beading on edges of door. The glass shall be 8mm thick clear float glass with edge polishing & round smoothenend exposed edges All accessories like the door stopper, heavy duty brass hinges, latch, handle, lock etc shall be part of the job. All teak wood members to have melamine spray polish finish. Rate to include cost of conveyance of all materials, labour charges etc. complete as directed. As per approved hardware list.	4	NO.		
5	POLYCARBONATE SHEET :- (3MM THICK)				
	Providing and fixing of 2UV coated solid polycarbonate embosse clear sheet (3mm thick), made with virgin raw material, allows 82% light transmission (ASTM D 1003) having Tensile strength 64 N/mm2 (ASTM D638). The cost includes Fixing in dome section top + bottom 60mm with EPDM gasket, Self Drilling Screws and Silicon Tubes including scaffolding and all safety measures complete in all aspects. Make :- Durotuff / Durolite / Lexan. Note :- 1. All work should be done within all safety measures including Personal Protective Equipments including harnesses, helmets, and gloves, is crucial for worker safety , fall arrest blocks & Scaffolds (Scaffolds provide a stable work platform). 2. All work should be done as per approved makes by Bank / Engineer in charge. 3. All work should be done with complete guidance of experienced Fabricator as the Safety & Quality are main concerns. 4. Contractor has to take 10 Years warrenty from the company (Specified Make) in written and has to submit to the Bank.	33.00	Sqft		
	Total Value of Works				

PRICE BID OF INTERIOR FURNISHING WORK FOR PUNJAB AND SIND BANK BRANCH AT GTB NAGAR, JALANDHAR.

Sno.	Description	DETAIL
	INTERIOR & FURNISHING WORK	
1.00	WALL PANELING	
2.00	PARTITIONS WORK	
3.00	DOORS	
4.00	FALSE CEILING	
5.00	FURNITURE Work	
6.00	FLOORING	
7.00	MISCELLANEOUS WORK	
	VALUE OF THE WORK	


PRICE BID FOR INTERIOR FURNISHING WORK OF PUNJAB AND SIND BANK BRANCH AT GTB NAGAR, JALANDHAR.


Sl. No	Description of Item	Qty.	Unit	Rates	Amount
A	INTERIOR WORKS				
	PANELING/PARTITON				
	Note: (i) For the works of paneling, full height partitons and low height partitons measurement shall be done only for plain visible surface, no extra cost for extrusions or extra frame work required will be made. The work done above ceiling, below floor finish level or not directly visible shall not be measured.				
	(ii) All ply to be sprayed with anti terminate and anti borer spray.				
	(iii) Laminate, Shades – Colour code –Century laminates - Frosty white-111, Greenlam laminates - Mango-1208, Greenlam Laminates - Navy Blue-281, Greenlam laminates Refresh Oak 5427				
	(iv) Paint shades- Absolute white -L161, Mango Mood -X109 paint funsihing as per model branch concept.				
1	WALL PANELING				
1.1	Providing and fixing of paneling on column/wall. Framing shall consist of Aluminium Box Sections 50mm x25 mm x1.5 mm wall thickness (0,583 Kg/m) (Make Jindal/ Hindalco/ Indal) with maximum spacing @ 600mm c/c both ways horizontally and vertically on the column/wall. This framing would be covered by 12mm HDHMR Ply (Moisture content- <8 %, Water Absorption 5% after 2 Hours Soaking)(Make. GREENPLY/ Century / Duro) and finished with 1.0 mm thk. laminate(Make- Archidiam/Century/Greenlam) of desired shade design and gloss of approved makes. Wooden molding, lipping etc.shall be provided wherever required as per drawing in desired shade. . The work shall also include the cost of making cutouts for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical/telephone/Data cabling etc.including cost of 3mm thick white foam sheet back of aluminium box sections, and 6" wide laminate strip bleow the under line of ceiling on wall 2" wide laminate strip of yellow colour on top surface of it with green colur laminate strip 4" wide below the yellow laminate strip as specified by Architect.	280.00	Sq.ft		
1.2	Providing and fixing of paneling on column/wall. Framing shall consist of Aluminium Box Sections 50mm x25 mm x1.5 mm wall thickness (0,583 Kg/m) (Make Jindal/ Hindalco/ Indal) with maximum spacing @ 600mm c/c both ways horizontally and vertically on the column/wall. This framing would be covered by 6mm Commercial Ply (Make. GREENPLY/ Century / Duro) and Above 6mm Thk.CNC HDHMR Board (As per Design) Finishing with Royale Matt PU Polish. of desired shade design and gloss of approved makes. Wooden molding, lipping etc.shall be provided wherever required as per drawing in desired shade. . The work shall also include the cost of making cutouts for the electrical switches, lights, switch boxes etc. and provision for laying conduit for electrical/telephone/Data cabling etc.including cost of 3mm thick white foam sheet back of aluminium box sections, and 6" wide laminate strip bleow the under line of ceiling on wall 2" wide laminate strip of yellow colour on top surface of it with green colour laminate strip 4" wi (c). Hardware- 4" handle (4nos) Locks (2nos), hinges (4Nos)	950.00	Sq.ft		
1.3	ACP SHEETS WALL PANELING				
a	Providing and fixing Aluminum Composite Panel (Makes- Alstrong/ Alucbond/ Alstone/Armstrong) as per the approved makes wall cladding with the 3mm thick PVDF coated aluminum composite panel (ACP) (0.25 mm coil thick) with frame of aluminum channels (25 x 50 x 1.5 mm), (Make Jindal/ Hindalco/ Indal)cleat angle (8 x 18 x 2mm) necessary hardware, backup material and weather Sealant (Makes- Dr.Fixit, Asian paint, Ardex Endura) the joints leak proof. The spacing for the channel along the length and spacing of cleat on the perpendicular shall not be more than 600mm.	360	Sq.ft		
1.4	WPC Louvers				
	Providing and fixing of WPC on column/wall. Covering with 12mm thick HDHMR (Moisture content- <8 %, Water Absorption 5% after 2 Hours Soaking)(Make. GREENPLY/ Century / Duro) and above finishing with WPC Louvers 25mmx 25mm fixed on Paneling as per Drawings complete in all respects.	60.00	Sq.ft		
1.5	Providing and fixing of Artificial grass panelling on column/wall (Make- Welspun's, Kuber Industries, Duro Tuf) . Framing shall consist of Aluminium Box Sections 50mmx25 mm, 1.5mm wall thickness (0,583 Kg/m) with maximum spacing @ 600mm c/c both ways horizontally and vertically on the column/wall. This framing would be covered by 9mm thk ply and finished with artificial grass mat of design of approved makes. Wooden molding, lipping etc.shall be provided wherever required as per drawing and deco painted in desired shade. The paneling shall have skirting and intermediate bands finished with 1.0 mm thick metallic laminate of desired shade, design and gloss. The work shall also include the cost of .including cost of 3mm thick white foam sheet back of aluminium box sections and making cutouts for the electrical switches lights switch boxes etc. and provision for laying	20.00	Sq.ft		

	Note: Panelling work will not be considered behind storage racks or any hidden portion.				
	Total of Wall Paneling work				
2	PARTITIONS WORK				
2.1	FULL HEIGHT PARTITIONS:				
	Providing and fixing wooden full height partition with following specifications:	595.00	Sq.ft		
	(a) Supporting system comprising of Aluminum Frame Work of 50mm x 50mm x 1.5 mm wall thickness,(Make Jindal/ Hindalco/ Indal) square section max. 600mm c/c both horizontally and vertically. The bottom member shall be aluminum extruded section of size 50mm X 50mm X 1.5 mm wall thickness. The frame shall be fixed rigidly at floor level and ceiling level wherever possible. The rate should also include necessary strengthening with additional members at doors and other openings.				
	(b) Fixing 8mm thick HDHMR ply (Moisture content- <8 %, Water Absorption 5% after 2 Hours Soaking)(Make. GREENPLY/ Century / Duro) on both sides finished both side with 1.0 mm thk. laminate(Make- Archidiam/Century/Greenlam) (premium range) of approved shade with groove pattern as per architect instructions. Grooves to be 3mm deep and 12 wide finished with mica. 12 mm thick clear float toughened glass fixed with Teak wood beading of finished size 37mm x 25mm all along the edge. All edge-to-edge glass joint to be machine cut and polished and sealed with silicon sealant. Joint shall be located strictly as shown in the drawing. All exposed woodwork to be PU Polished . All complete as per approval of the Architect/ engineer-in-charge.				
	(c) All exposed veneer and wooden surfaces shall be PU poished including, i.finsihing all nails and glue marks ii) rubbing of surfaces iii) finishing of any depressions with putty iv) finishing of putty surface v) spraying uniformly one coat of sealer v) rubbing the surface properly and if required providing repair to any visible damage / depressions etc. vi) final finish shall be given with PU polish of approved make (Makes- ICI-Dulux, Asian and MRF) in two coats, so as to give it a uniform even look.				
2.2	Structure same as item 2.1 above but Partition finished One side laminate and other side 9mm Thk.CNC HDHMR Board (As per Design) Finishing with Royale Matt PU Polish. of approved shade with groove pattern as per instructions of architect / engineer -in- charge.	246.00	Sq.ft		
2.3	LOW HEIGHT PARTITONS:				
	Providing and fixing low height partition with following specifications:	105.00	Sq.ft		
	(a) Supporting system comprising of Aluminum Frame Work of 50mm x 50mm 1.5 mm wall thickness Square section, (Make Jindal/ Hindalco/ Indal) max. 600 mm c/c both horizontally and vertically. The bottom member shall be aluminum extruded section of size 50mmX50mmX1.5mm wall thickness frame shall be fixed rigidly at floor level and ceiling level with rawal plugs/steel lugs wherever possible. The rate should also include necessary strengthening with additional members at door and other openings.				
	(b) The partition shall have 8mm thick HDHMR Ply (Moisture content- <8 %, Water Absorption 5% after 2 Hours Soaking)(Make. GREENPLY/ Century / Duro) fixed on both sides with screws for the entire height of the partition and finished with approved 1.0 mm Thk. Laminate (Make- Archidiam/Century/Greenlam) of desired shade, design and gloss on both sides. Wooden molding, lipping etc. as directed by Bank / architect shall be provided wherever required. The partition shall have skirting and intermediate bands finished with 1.00 mm laminate of desired shade, design and gloss. All teak ply/wood to be treated with wood preservative of approved ISI quality. All teak ply/wood shall be finished.				
	(c) The low height partition shall have 12 mm thick Toughened glass (Makes-Modi / Asahi / Saint Gobin) with etching as per design fixed with stainless steel wall cladding profile (WCP) at bottom. All the edges of the 12mm thick glass shall be duly grinded/bevelled and exposed wooden surfaces Including PU Polished.				
	(d) All exposed veneer and wooden surfaces shall be PU poished including, i.finsihing all nails and glue marks ii) rubbing of surfaces iii) finishing of any depressions with putty iv) finishing of putty surface v) spraying uniformly one coat of sealer v) rubbing the surface properly and if required providing repair to any visible damage / depressions etc. vi) final finish shall be given with PU polish of approved make (Makes- ICI-Dulux, Asian and MRF) in two coats, so as to give it a uniform even look.				
2.4	12MM THICK TOUGHENED GLASS PARTITIONS WITH ETCHING AS PER DESIGN.				

	Providing and fixing in position 12mm clear float toughened Glass partition (Glass Makes-Modi / Asahi / Saint Gobin) with patch fittings (Makes- Godrej/Dorma/Ozone) for the full height glass partitions with etching as per design fixed with stainless steel wall cladding profile (WCP) at bottom as per the direction of the engineer-in-charge. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., then toughened the same.	135.00	Sq.ft		
	The cost to including of all hardware PATCH FITTINGS (Makes- Godrej/Dorma/Ozone) etc.Required of approved equivalent make viz. Glazing profile (32 mm x 42 mm) in mat silver colour on top, bottom and sides and top patch and bottom patch for the openable part , or as per the direction of the engineer-in-charge, along with etching with sand blasting as per design and drawing. The maximum size of each glass shall be 1200mm to 2000mm x 2400mm to 2700mm as per the site requirement. The rate is for a finished item of work etc., complete as directed.				
	The cost to include the cost of beveling and smoothing of the exposed edges of the glass.				
	Note				
	Net area from finished floor up to false ceiling height excluding the area of door / door frames (in case of doors are not included in the item) shall be measured for the purpose of payment.				
	Items no. 2.1,2.2.&2.3 For full height partitions frame work shall be provided upto the bottom of slab/Beam .				
	No extra payment shall be made for reduction in frame work, opening as indicated in the drawing or as instructed by the engineer-in-charge. Frame work shall be rigidly secured to floor, walls and ceiling by dash fasteners etc. at maximum 600mm c/c.				
2.5	12MM GLASS :Cash cabin front glass work of 12 mm thk supported with necessary studs complete in all respect as per the drawing and instruction of Architect.	24.00	Sq.ft		
2.6	12mm thick Toughened glass for officer :- Providing and fixing 12 mm thick, clear plain toughened glass for tables front with superior quality stainless steel patch fittings of ebco/godrej/ozone. All the edges of the glass shall be grinded/bevelled and polished. The glass shall also be etched as per the design. Glass area with maximum height shall be measured for the purpose of payment. The work shall be carried out as per drawings.	80.00	SQ.FT		
2.7	12mm thick Toughen glass for ATM separation	72.00	SQ.FT		
	Providing and fixing 12 mm thick, clear plain toughened glass partition in ATM room with superior quality stainless steel patch fittings of ebco/godrej/ozone. All the edges of the glass shall be grinded/bevelled and polished. The glass shall also be etched as per the design. Glass area with maximum height shall be measured for the purpose of payment. The work shall be carried out as per drawings.				
2.8	Full Height Partitions (Fully Paneled) In 12 mm Thk Gypsum Board:				
	Providing & fixing solid full height partition in frame work in 2'x2' grid (horizontally and vertical) comprising of 2"x11/2" teakwood section with 6 mm thick plywood on one side 1.0 mm thk. Laminate & other side 12mm.thk. Gypsum Board of approved make. approved make and colour as in drawing Items to include 2"x2" t.w. for door frame. All exposed t.w. surfaces to be finished in melamine polish of matching laminate colour as directed including all necessary stainless steel finish fittings/hardware as approved by the Project Consultant / Bank complete in all respects. (Note- In case of false ceiling, the vertical t.w. member to be fixed with pucca ceiling but the area of partition payable will be below the false ceiling only.) .	200.00	SQ.FT		
	Total of Partitions Work				
3	DOORS				
3.1	12MM THICK TOUGHENED GLASS DOORS :				
a)	Providing and fixing in position 12mm clear float toughened Glass single leaf door size = 3'-0"x7'-0" for naked glass door. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., and then toughening the same. The cost to include all hardware required viz., top pivot, center lock, 450mm glass door handles etc., along with etching with sand blasting as per design and drawing. The maximum size of each glass shall be as per the drawing or the direction of the Engineer-in-charge. The rate is for a finished item of work etc., complete as directed.	70	Sft.		
3.2	Floor spring (Make Everite/ Dorma/ Godrej) heavy duty of approved make.	3	Nos		
3.3	HYDRAULIC DOOR CLOSER: (Make-Doorking/ everite/ Dorma/ Ebco)				
	Providing and fixing silver color (or matching with color scheme as per site) of approved make hydraulic door closer to doors complete in all respects.	3	Nos.		

	P/F KFD 40mm thick STEEL -MATE powder coated,120 minutes fire rated (for Stability & integrity) GI steel or Galvanized (Zinc Coated)steel Door and frame by KFD confirming to IS 3614 part 2& BS 476 part 22.the Door shutter made of with 0.8 mm thick steel pressed formed to provide a 46 mm thick fully flush double skin door shell with lock seam joint at srile edges. the internal construction of the door to be phenolic .resin impregnated specially designed honeycomb craft paper with suitable internal reinforcement. Suitable reinforcement is to be providing in the door shutter to receive the hardware and hardware to be fixed on the door with no visible screw other then in the glass beading The doors with double shutters are to be provided with astragals on both sides and astragals to be fitted to the door without any screw. The shutter to be fixed with SS Hinges (Size 100X75X3mm),(3nos per shutter) handle (1set), locking (1nos) etc with complete fittings.(Make- Dorma,Ozone,Godrej).				
	The door frame (Section size 100X50) made from 1.2mm thick GI steel/GP steel pressed to single rebate profile for better structural strength. Frames are to be fixed to the wall with fasteners The gap between the frame & the shutter should not exceed 3mm on all sides except at the bottom where the gap can go upto max. of 5/7mm. The entire assembly to be pre-finished, factory-finished heat ovened, powder coated. including cost of door closer (Make- Dorma, Ozone, Godrej or equivalent make 2 hrs fire rated door closer with 10 yrs warranty tested to BS-476 Part 22 to the entire satisfaction of Engineer-in-charge.	21	Sq.ft		
3.5	Knight latch for cash cabin door (Make Godrej/ Ebco/ Ozone)	1	Nos		
3.6	Wicket door Providing and fixing in position 35 mm solid core flush door finished with 1mm thick laminate as per design on both sides duly polished, t.w. lipping on two vertical and horizontal edges, The flap door shall have double action door hinges and a tower bolt at suitable location.	11.50	Sq.ft		
Total of Doors Works					
4	FALSE CEILING				
4.1	GYP SUM BOARD FALSE CEILING WITH STEPS:(Makes-Gyproc (saint gobain)/ India Gypsum/Armstrong)				
	Providing and fixing suspended false ceiling including steps as per design with 12.5mm tapered edge Gypboard / 12mm thick Elephant Gypsum Board (Makes-Gyproc (saint gobain)/ India Gypsum) to the grid comprising of cold rolled galvanized metal section to the required line and level. The grid consisting of a perimeter channel(MF6a of dimension 20mmX27mmX37X3.5m) fixed round the perimeter to receive and of the ceiling section (MF5) and outer edge to gyp-board. The intermediate channel (MF7 of dimension 15mmX45mmX0.9mmX3.5M) at 1200mm c/c in the one direction and the ceiling section (MF5 of dimension 80mmX26mmX0.5mX3.5M) at 450mm c/c in the other direction to be connected by a connecting clip. The grid to be suspended with an adjustable strap hanger(MF8) of dimension 25mmX9.5mm at 1200mm c/c on both ways from the structural soffit cleat and expandable bolts/fasteners Nut and bolts to be used to connect strap hangers to soffit cleat and for joining ends of channel section together.	2290.00	Sq.ft		
	The Gypsum Board (Makes-Gyproc (saint gobain)/ India Gypsum/Armstrong) layers to be screwed to the M/F ceiling sections with gyp-board dry wall screws. Jointing and screw spotting are then carried out as per manufacture's standard recommendation. Perimeter Channels (MF7) to be used around the cuts outs for light fittings. A/C ducting etc. The work should be complete as per instruction of architect or engineer in charge including 2-3 coats of oil bound distemper,over a coat of primer.The rate should be inclusive of making opening with frame etc. For electrical/air conditioning, A.C grill etc .if required and finishing of ceiling in all respect.payment shall be made only for exposed surface & actual measurement at site.The work includes cost and conveyance of material and labour charges including all operational charges,tools lift and all height etc. Note: No deduction for Light fixture shall be made				
4.2	12.5MM THICK FULLY PERFORATED GYPSUM BOARD (Make: Saint Gobain)				
	Providing and fixing suspended false ceiling with 12.5mm Fully perforated gypsum board (Makes-saint gobain) to the grid comprising of cold rolled galvanized metal section to the required line and level. The grid consisting of a perimeter channel(MF6a of dimension 20mmX27mmX37X3.5m) fixed round the perimeter to receive and of the ceiling section (MF5) and outer edge to gyp-board. The intermediate channel (MF7 of dimension 15mmX45mmX0.9mmX3.5M) at 1200mm c/c in the one direction and the ceiling section (MF5 of dimension 80mmX26mmX0.5mX3.5M) at 450mm c/c in the other direction to be connected by a connecting clip. The grid to be suspended with an adjustable strap hanger(MF8) of dimension 25mmX9.5mm at 1200mm c/c on both ways from the structural soffit cleat and expandable bolts/fasteners Nut and bolts to be used to connect strap hangers to soffit cleat	75.00	Sq.ft		
4.3	BAFFLE CEILING SYSTEM				

	Providing and fixing Baffle Ceiling System false ceiling at all heights of approved texture, design and pattern. The baffle fixed with end cap at terminals and intermediate connector piece at joints in true horizontal level suspended on interlocking Grid of hot dipped all round galvanized iron section of 0.8mm thick (galvanized @ 120 GSM) comprising of main Baffle carrier of 23X34mm 0.5mm thick of length 3000 mm, cross Secondary C Channel (40mm x 0.8mm thick with two flanges of 15mm & 20mm) of length 3000 mm suspended from ceiling using galvanized mild steel item (galvanised@ 80 GSM) 50mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'Baffle carrier'. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge. Note: All support carriers to be powder coated with approved colour Make: Armstrong, Hunter Douglas, Lindner AG, Anakon, USG Boral 25mm wide 100mm high 0.07mm thick powder coated aluminium at 150mm centre to centre. Measurement will be done for length	273.00	Sq.ft		
4.4	Ceiling Paint In Hall Areas, etc.)				
	Providing and applying desired paint (Gray/Black) luster Paint as approved shade finish to Roof Ceilings Behand of fully perforated gypsum board of approved shade.. The surface of wall to be painted shall be prepared and applied with two coats of primer, two coats of putty and touch up putty if required to achieve smooth finish.The surface shall be painted with two coats of luster paint of (Nerolac/Berger/Dulux/ Asian/ ICI)	912.00	Sq.ft		
	Total of Ceiling Work				
5	FURNITURE Work				
5.1	BRANCH MANAGER TABLES WITHOUT SIDE CREDENZA (Fiinishing with 1mm thick Laminate)				
	(a) Providing and fixing at site, Branch Manager table (As per Picture and Detail drawings) made of 19mm th. commercial ply (Makes-Century/Green ply/Archid) with 1mm thick laminate (Make- Archidiam/Century/Greenlam) of desired shade, design on outer visible surfaces; single color on horizontal & vertical surfaces. The front of the table top shall be projected and curved as per drawing. Provision for 3" dia cable manager for computer / electrical cables at appropriate place, will be made in the top surface of the table. CP TEAK wood lipping will be provided on all the edges of the table, including PU Polish and bottom touching the floor and the drawers.				
	(b) The counter shall have a wooden keyboard rest of size 600mm x 270mm made with 19mm commercial ply fixed with sliding telescopic channels (Makes-Hettich / Haffe/le/ Godrej/Ozone) of approved make.				
	(c) All other surfaces i.e. inside / legsapce of table, inside of drawer /cupboard shall be provided with 0.8mm thick laminate(Make-Archidiam/Century/Greenlam) of desired shade/design and gloss, and wood lipping / beading. The table shall have a CPU ledge made of 19mm thick Commercial Ply on one side, complete as per drawing.				
i	Branch Manager Table (7'-0"x3'-0"x2'-6")	1	Nos		
5.2	OFFICER AND CLERK TABLE				
	(a) Providing and fixing at site, officer/ Clerk table made of 19mm thk. commercial ply (Makes-Century/Green ply/Archid) with 1mm thick laminate (Make- Archidiam/Century/Greenlam) of desired shade, design on outer visible surfaces; single color on horizontal & vertical surfaces. The front of the table top shall be projected and curved as per drawing. Provision for 3" dia cable manager for computer / electrical cables at appropriate place, will be made in the top surface of the table. CP TEAK wood lipping will be provided on all the edges of the table, including PU Polish and bottom touching the floor and the drawers.				
	(b) The counter shall have a wooden keyboard rest of size 600mm x 270mm made with 19mm commercial ply fixed with sliding telescopic channels (Makes-Hettich / Haffe/le/ Godrej/Ozone) of approved make.				
	(c) There shall be provision of one storage cabinet 1'-3" wide.The frame shall be made with 19mm thick commercial ply. The cabinet shall have Three lockable drawer running on side mounting drawer slides (channels) (Makes-Hettich / Haffe/le/ Godrej/Ozone) of approved make & one cupboard with shutter beneath the drawer, made of 19mm thick commercial ply finished with 1mm thick laminate (Make- Archidiam/Century/Greenlam) of desired shade & design. All fitting / accessory shall be of approved make. The sides of the drawer shall be made of 12mm thick plywood, bottom of 6mm thick Commercial ply front of 19mm thick Commercial Ply. (Makes-Century/Green ply/Archid)				
	(d)The work shall also include provision of foot rest made with Sal wooden member of section 3" x 1.5" across the leg space.				
	(c) All other surfaces i.e. inside / legsapce of table, inside of drawer /cupboard shall be provided with 0.8mm thick laminate(Make-Archidiam/Century/Greenlam) of desired shade/design and gloss, and wood lipping / beading. The table shall have a CPU ledge made of 19mm thick Commercial Ply on one side, complete as per drawing.				
	(f) The work shall also include provision of Profile Lights in front of Counter/ Tables				
i)	officer Table (5'-0"x2'-6"x2'-6")	6	Nos		
5.3	Printer Table : Providing and placing in position table fabricated out of 19mm thick Commercial Ply on all sides finished with 1.0 mm thick laminate on top, 1mm thick laminate on the sides and front. Exposed surfaces are to be finished with 1mm thick laminate. Table edges are to be finished with t.w. moulding duly polished. There should be a 75 x 12 mm skirting with grooves duly PU Polished. Exposed edges of the boards will be finished with t.w. lipping.				
a	Printer Counter (2'-9"x2'-3"x2'-6")	0	Nos		

b	Cash Counter- Providing and fixing Cash Counter with 2'-6" wide staff working counter at 2'-6" height from FFL and 1'-6" wide customer ledge at 3'-6" height from FFL. The structure shall be made using 19mm commercial board of (Makes-Century/Green ply/Archid) and finished with 1 mm thick laminate of (Make- Archidiam/Century/Greenlam) Make, shade as approved. Including cost of sliding key board tray on sliders, three pullout drawer on sliders of width 40cm and a bottom rack for CPU shall be provided. Locks, SS handle, auto closing hinges & SS footrest (2" thick) shall be provided. All inside surface are to be finished with 0.8 mm thick laminate. Table edges are to be finished with t.w. moulding duly polished etc. complete in all respects to the entire satisfaction of Architect	5	R.ft		
c	Cash cabin Facia - Providing & fixing 1"x2" beading finished with PU Polish along the toughened glass (as per design) for Cash Cabin facia. Horizontal band shall be provided on the facia below the working top made with 18mm thick plywood finished with 1 mm thick laminate. Portion below the horizontal band shall be finished with 6mm thick CNC HDHMR Board (as per design) finished with Royale Matt PU Polish of approved shade with groove pattern as per instructions of Bank's Architect/Engineer In-charge.	1	Nos		
d	Reception Table of size (4'-0"x2'-0"x2'-6") (Providing and fixing at site reception table made of 19mm thk. Commercial ply with 1 mm thk laminate of desired shade and with front vertical surface pasted with fluted MDF. CP Teak wood lipping will be provided on all edges of the table, including PU polish. The work shall also include provision of Profile Lights in front of Counter/ Tables. and There shall be provision of one storage cabinet 1'-3" wide. The frame shall be made with 19mm thick commercial ply. The cabinet shall have Three lockable drawer running on side mounting drawer slides (channels) (Makes-Hettich / Haffele/ Godrej/Ozone) of approved make & one cupboard with shutter beneath the drawer, made of 19mm thick commercial ply finished with 1mm thick laminate (Make- Archidiam/Century/Greenlam) of desired shade & design. All fitting / accessory shall be of approved make. The sides of the drawer shall be made of 12mm thick plywood, bottom of 6mm thick Commercial ply front of 19mm thick	1	Nos		
5.4	Side Credenza :- made of 19mm thick commercial ply (Makes-Century/Green ply/Archid) frame and 6mm thick commercial ply on back side & 1.0M Thick Laminate (Make- Archidiam/Century/Greenlam) on top horizontal surface , one vertical visible side only, and 0.8mm thick laminate on inside. All exposed edges shall be covered with C.P teak wood lipping. The credenza will have drawers shall be provided on drawer slides(channels size 1'-4") (Makes-Hettich / Haffele/ Godrej/Ozone)of approved make. The sides of the drawer shall be made of 12mm thick Commercial Ply (Makes-Century/Green ply/Archid) (bottom of 6mm thick plywood & front of 19mm thick Commercial Ply (Makes- Century/Green ply/Archid). The remaining part of the credenza will be cupboard with shutters and one shelf. All the internal surfaces shall be finished with 0.8mm thick mica(Make- Archidiam/Century/Greenlam)of desired shade, design, gloss. All the exposed wooden surfaces shall be malamine polished in desired shade as per specifications given in item 2.1 (c). Hardware- 4" handle (4nos) Locks (2nos), hinges (4Nos), Magnetic catcher. complete with all				
b	SIDE CREDENZA Size (3'-6" & 4'-0"x1'-6"x2'-6")	4	Nos		
5.5	LOW HEIGHT STORAGE CABINETS /BACK STORAGE: (2'-6" HIGH) for Manager Cabins.				
a	(a) Providing and fixing Low Height storage cabinets of size 2'-6"(High)x 1'-6"(Deep) along the walls/partitions, as per interior drawings, using 19mm Commercial Ply (Makes-Century/Green ply/Archid) for shutters, vertical and horizontal partitions, 6mm Commercial ply for the back side. Finishing with 1.0 mm thick Laminate (Makes- Archidiam/Century/Greenlam) of approved shade on top, vertical and horizontal visible surfaces and 0.8mm thick laminate on inside. The shutters shall be overlapping on the carcass and shall be provided with suitable hinges with autoclose & soft close. The width of the shutter shall be between 12" to 15" as per the site conditions. All the internal surfaces shall be finished with 0.8mm thick mica(Make- Archidiam/Century/Greenlam)of desired shade, design, gloss. All the exposed wooden surfaces shall be malamine polished in desired shade as per specifications given in item 2.1 (c). The cabinet shall be complete with 4" handles, knobs, locks, Hinges and magnet catchers (Makes- Godrej/ Dorset/ Dorma) etc.to the satisfaction of the Architect/Engineer.	0.00	Sq.ft		
5.6	LOW HEIGHT STORAGE CABINETS /BACK STORAGE: (4'-0" HIGH) BEHIND THE WORKSTATION .				
	(a) Providing and fixing Three lockable drawer Low Height storage cabinets of size 2'-6"(High)x 1'-6"(Deep) along the walls, as per interior drawings, running on side mounting drawer slides (channels) (Makes-Hettich / Haffele/ Godrej/Ozone) of approved make. Storage made of 19mm Commercial Ply (Makes-Century/Green ply/Archid) for Drawer Front, vertical and horizontal. 6mm Commercial ply for the back side. Finishing with 1.0 mm thick Laminate (Makes- Archidiam/Century/Greenlam) of approved shade on top, vertical and horizontal visible surfaces and 0.8mm thick laminate on inside. The shutters shall be overlapping on the carcass and shall be provided with suitable side mounting drawer slides autoclose & soft close. All the internal surfaces shall be finished with 0.8mm thick mica(Make- Archidiam/Century/Greenlam)of desired shade, design, gloss. All the exposed wooden surfaces shall be malamine polished in desired shade as per specifications given in item 2.1 (c). The cabinet shall be complete with 4" handles, knobs, locks, Hinges and magnet catchers (Makes- Godrej/ Dorset/ Dorma) etc.to the satisfaction of the	118.00	Sq.ft		
5.7	OVER HEAD STORAGE CABINET				
	Providing and Fixing over head storage cabinet depth 400mm, height 600mm with shutters made in 19 mm thick commercial block board and 6mm thick comm. Ply for back side to be fixed on the wall, with 19mm thick commercial block board shelves inside placed horizontally and vertically with hydraulic hinges. All inside surfaces to be enamel painted and outer faces of shutters and sides (excluding outer top and bottom faces which are to be enamel painted) to be finished with 1 mm thick Laminate of approved color and shade. The item includes providing 150mm brass handles on front for shutters, magnetic catchers, including necessary hardware etc. all complete as per drawing and as per instruction of Engineer in charge.	14.00	Sq.ft		
5.8	WOODEN BOXING FOR THE ELECTRICAL PANEL				

	Providing and fixing at site wooden boxing for the electrical panel as per the design and drawing. The carcase shall be made of 19mm thick commercial ply with Above 6mm Thk.CNC HDHMR Board (As per Design) Finishing with Royale Matt PU Polish. of desired shade design and gloss of approved makes. Wooden molding, lipping etc.shall be provided wherever required as per drawing in desired shade. . The work shall also include the cost of making cutouts for the electrical switches, lights, switch boxes etc. The carcase shall have intermediate band and skirting of 1mm thick Laminate of desired shade, design and gloss. The shutter shall be mounted on the SS Piano hinges and provided with magnetic catcher, lock and tower bolts as required etc. All the visible edges of board shall be provided with 4mm thick teak wood lipping with PU Polish. All interior surfaces and back of shutters shall be provided with 0.8mm thick mica. the cabinet shall be complete with all necessary hardwares like locks,handles, catchers, towerbolts etc. Measurment will be done for front surface area.	65.00	Sq.ft		
5.9	TROPHY CASE 1'-6"x6'-0" HIGH WITH GLASS SHELVES FOR BRANCH MANAGER.				
	Trophy Case of size (18" W, upto ceiling height) made up of 19mm thk commercial ply with 1mm thk laminate of approved shade as per the architect with partition made in 12" gap from each other. Complete with closing of all joints and accessories complete in all respect as per direction of Engineer-In-Charge. Measurment will be done for front surface area.	9.00	Sq.ft		
5.10	Providing and fixing Wall mounted storage rack for DVR having front side opened and all the sides closed with 19mm thick plywood. All the external surfaces to be finished with 1.0mm thick laminate and internal surfaces Tobe finished with hand PU Polish. Aluminium ventilation grille to be provided on either sides of the storage rack. size of the rack W 600mm x H 530mm x D 400mm (Requirement to be confirmed by Bank before providing)	1.00	Nos		
5.11	Providing and fixing in place 150mm deep pelmet made out of 19mm thick plywood and finishing with laminate and inside enamel paint . 6" wide laminate strip below the under line of ceiling on wall 2" wide laminate strip of yellow colour on top surface of it with green colour laminate strip 4" wide below the yellow laminate strip as specified by Architect. The pelmet to be provided at the junction of window and false ceiling only as per site conditions. The pelmet to be <u>concealed inside the false ceiling such as to receive the vertical blinds.</u>	20.00	R.ft		
5.12	Sofa - As per Picture given Make(Eva / Geeken)	2.00	Nos		
5.13	Chair Hight Back - As per Picture given Make(Eva / Geeken)	1.00	Nos		
5.14	Chair Medium Back - As per Picture given Make(Eva / Geeken)	10.00	Nos		
5.15	Visitor Chair Medium Back - As per Picture given But Colur same as above Make (Eva / Geeken)	5.00	Nos		
5.16	Centre Table :- Supplying and placing in position of Center Table as per photograph. Table size 1220mmL x 610mmD x 460mmH, Modern & Slek design using SS framework and toughened glass . Complete as per direction and satisfaction of engineer in charge (Photograph annexed is only for guidance).	1.00	Nos		

5.17	CORNER TABLE :- Supplying and placing in position of Durian Make Contemporary Chic design Wooden Side Table as per photograph. Table size 450mmL x 450mmD x 450mmH, table shall be Wooden framed frosted glass top and base square shaped. . Complete as per direction and satisfaction of engineer in charge (Photograph annexed is only for guidance).	2.00	Nos		
Total of Furniture Work					
6	Flooring				
6.1	LAMINATED WOODEN FLOORING: Providing and laying Laminate wooden flooring (Grade AC4 or AC4+ laminates) 8mm or more, having a good backing layer made up of plastic laminate or melamine, core made up of High-density fiberboard (HDF) (Moisture content- <8 %, Water Absorption 5% after 2 Hours Soaking)(Make. GREENPLY/ Century / Duro),which is less resistant to impact damage and less resistant to being dented by heavy furniture, having a décor layer to give each floor its appearance and consisting of one or more sheets of paper impregnated with melamine resin and top wear layer having clear aluminum oxide finish that protects the decorative layer & imparts the desired level of sheen, from full gloss to low gloss, duly fixed to the base floor using adhesive as	120.00	Sq. ft.		
6.2	Providing and fixing adaptable Profile / Edge Profile, Expansion profile matching to the flooring.	60	R.ft		
Total of Flooring work					
7	MISCELLANEOUS WORK				
7.2	Pin Up Board				
	providing and fixing 12 mm thick soft board over 12 mm thick commercial ply (Makes-Century/Green ply/Archid) fixed in wooden frame made out of commercial champ wood out of size 2.5 " x 1.5" (duly polished). The work shall be completed by covering the soft board with fabric of approve shade.(basic rate of Cloth to be Rs. 1200/- Sq.Mtr.)	12	Sq.ft		
7.3	Bank Name Letters				
a	S.S. hologram of the bank / Letters fixed on the back wall/ Paneling of made out of 304 grade SS sheet 14 gauge. Written on Hindi, English and Punjabi language, Size-150mmx225mm	3	Nos		
b	Providing & fixing of PSB Signage made of 3mm Acrylic sheet with LED Panels for Back light of logo of size (2'x3') behind Reception Table complete as approved by Bank's Architect/Engineer In-charge.	2	Nos		
7.4	TABLE TOP GLASS :- Providing and supplying 8 mm thick light clear float toughened glass with its edges duly bevelled & grinded on all sides	18.00	Sq.ft		
7.5	SUGGESTION BOX (450 x 600 x 200) : Providing and fixing suggestion box made out of 19mm BWP ply and finished with 1mm laminate and enamel painted on the inside. A 300 mm long slit is to be made in the front for letters, etc. <u>The work should be completed in all respects.</u>	1	Nos		
7.6	WRITING LEDGE - P/F Writing ledge made BWP box of size 900 mm x 300 mm x 200 height finished with 1 mm thick mica with a provision of 4 nos divisions for voucher and 12 mm glass on top fixed with 3" high SS spacers (in ATM and BRANCH)	1	Nos		
7.7	CHEQUE DROP BOX - P/F one cheque drop box made out of 12 mm thick BWP duly laminated with all hardware fitting and fixtures. Size 400 x 300 x 100 mm	1	Nos		
7.8	TEXTURE PAINT (HALL) :-				
	TEXTURE PAINT (Golden/Silver color using staintil) including applying average 12mm to 15mm thick POP Punning over cement plaster in line & plumb finished smooth to receive paint. (Internal surfaces of walls).as per selection of Engineer and Architect.	80	Sqft		
7.90	PLASTIC EMULSION PAINT:-				
	Providing and doing plastic emulsion paint surface on walls & roof of approved shade. The rates are inclusive of scaffolding Staging etc. for any height and for plans as well as For architectural surface. All complete as per approval and instructions of the Architect/ employer. Note: Entire area of wall shall be measured in single front plane.	3500	Sqft		
7.10	Enamel paint				
	Providing and applying enamel paint three coats to give an even shade after preparation of surface for painting by scrapping on shutter, doors, windows and grill etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	780	SQFT		
MISCELLANEOUS WORK					

PRICE BID FOR ELECTRICAL INSTALLATION WORKS OF PUNJAB AND SIND BANK, BRANCH AT GTB NAGAR, JALANDHAR.					
SN.	DESCRIPTION OF ITEM	QTY.	UNIT	RATE	AMOUNT
	PART- A				
	UPS & RAW POWER POINTS				
1	Supply all materials receiving, storing, handling, fixing & laying of 3 x 2.5 Sq.mm. PVC insulated copper conductor armoured cable and fixing of cable on wall with suitable size of clamps / saddles or laid in floor or recess wall including cutting of floor / wall for computer points with suitable size GI box with modular plate and cover in front including providing and fixing 3 No. 5 amp 3 pin modular socket controlled by 1 No. 5 amp modular switch with indicator , connection end terminations with suitable size of glands etc. complete as reqd.(On UPS Power) (Make of switch/ socket L&T/LEGRAND/ HAVELLS)(Make of cable- Ecko / havells/ polycab / skyline/ pyemen)	18	Each		
2	As per item 1 above but with 1 no. 5 amp 3 pin modular socket controlled by 1 no. 5 amp modular switch with indicator.(On Raw point for general supply and for printer/ heater) (Make of switch/ socket L&T/LEGRAND/ HAVELLS)(Make of cable- Ecko / havells/ polycab / skyline/ pyemen)	12	Each		
3	CONTROL AND DISTRIBUTION PANELS				
	Providing and fixing 3 no. 100Amp kitkats (fuse carrier & base) with 1 no. neutral link on suitable size of Bakelite sheet of thickness not less than 6mm etc. complete as reqd.	1	Each		
4	PANELS				
	Supply, installation, testing & commissioning of wall mounted cubical type Power/Control electrical panel fabricated with 16/18 S.W.G. CRC sheet. Having individual compactors for Each switchgears. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, GI earth buss bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. the panel shall be painted with 2 coats of enamel paint(gray shade) over the primer and shall have be provided with designation of				
4.1	Main Panel	1	set		
	INCOMING				
a	1 no 125A, TPN MCCB breaking capacity 25KA DN SERIES, L&T Make (MakesStandard/indoAsian/havells / HPL/L&T)				
b	1 No 100A, 4P Cubical Front Oprater Changeover Switch complete as required				
c	1no. 0-500V Digital multimeter in a separate compartment & Digital Ammeter and one set of CTs (3no.) with CT ratio200/5 A with LED type indication lamps with protection fuses in separate compartment				
d	1 set of 125 amp TPN strips aluminium bus bar with insulation heat spinkler sleeves of Sixe 32mmx6mm				
	OUTGOING				
a	1 No, 100A, MCCB with suitable neutral link 1 No, 100amp 4P isolator and 6 no. 32 amp DP MCBs etc. complete as reqd. (For Ac Point)				
b	2 No, 100 A, MCCB with suitable neutral link 2 No, 63Amp 2P isolator and 12 no. 6-32 amp SP MCBs etc. complete as reqd. (For Light Circut)				
c	1 No, 100A, MCCB with suitable neutral link 1 No, 63Amp MCB 4P and 6 no. 6-32 amp SP MCBs etc. complete as reqd. (For power points)				

	d	1 No, 63A, MCCB with suitable neutral link 1 No, 63Amp DP MCB and 10 No. 6-10 amp SP MCBs etc. complete as reqd. (For UPS points)				
5		Supply, installation, testing & commissioning of PVC insulated PVC sheathed Un armored cable of 1100 V (IS- 1554 part 1) and fixing of cable on wall with suitable size of clamps/saddles or laid in floor /recess wall including cutting of floor/wall and making good the damages etc. complete as reqd. of following sizes:- (Make- Ecko / havells/ polycab / skyline/ pyemen)				
	a	3.5 core x 35 sq.mm. Aluminium conductor with 2 no. 8 S.W.G. GI wire (From Main Panel to Kitkat, from kitkat to Changeover)	40	R.Mtr.		
	b	3.5 core x 25 sq.mm. Aluminium conductor with 2 no. 8 S.W.G. GI wire (From panel to UPS panel and Changeover to Generator panel)	40	R.Mtr.		
	c	3 core x 6 sq.mm. copper conductor (From UPS room to UPS DB)	50	R.Mtr.		
	d	3 x 2.5 sq.mm. copper conductor (For single phase ACs distribution)	90	R.Mtr.		
	e	3 x 4 sq.mm. copper conductor (For Casste ACs distribution)	0	R.Mtr.		
6		End termination with brass compression glands including providing lugs/ferrules and making necessary connection etc. complete as reqd. following sizes: (Makes- HNI / BBI / Commet)				
	a	3.5x35 sq.mm. Aluminium conductor	4	Each		
	b	3.5x25 sq.mm. Aluminium conductor	6	Each		
	c	3x6 sq.mm. Aluminium/copper conductor	6	Each		
	d	3 x 2.5 sq.mm.Aluminium/copper conductor	12	Each		
	e	3 x 4 sq.mm.Aluminium/copper conductor	0	Each		
7		UPS DISTRIBUTION BOARD				
		Providing and fixing 16 S.W.G. MS sheet adapter box, and also base frame for installation of MCB DBs plug and socket arrangement and to cover cables in system room including painting etc. complete	1	Sq. mtr.		
8		supply, installation, testing and commissioning of factory fabricated distribution board rust inhibited, powder coated sheet fabricated comprising of incoming and outgoing isolator and MCB's neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as reqd. as per details below :-				
		(a) 4 way SPN DB comprising of 1 no. 63 amp TPN MCB (for UPS input) (L&T/LEGRAND) Branch & ATM	2	Each		
		(b) 4 way SPN DB comprising of 2 no. 63 amp DPMCB (UPS out put) (L&T/LEGRAND) Branch and ATM	2	Each		
9		supply fixing, testing of following 3 pin metal clad industrial type plug & socket arrangement with plug top cap & chain controlled by 1 No. MCB (Make- M.D.S /standard/ indo Asian/ havells / HPL)				
		(a) 20/25 amp with 20/25 amp SPMCB(For single phase Acs, Record room, Ups Output etc.)	9	Each		
		(b) 30 amp with 63 amp TPNMCB (For UPS Input)	3	Each		
		(c) 30 amp with 32 amp TPNMCB (For 3 phase AC)	0	Each		
10		providing and laying following sizes of PVC insulated copper conductor cable of 1100V in flexible/PVC conduit with accessories such as glands, bends etc. (as per requirement) including making necessary inter connection etc complete as reqd.				
	a)	2X6 sq.mm with 1 suitable PVC insulated earth wire	40	R.Mtr.		

	Providing and fixing suitable size of MS box fabricated with 16 S.W.G. MS sheet either in recess wall or on surface to accommodate dedicated earth from earth electrode and further distribution of earth to computer points including providing 5mm Bakelite sheet on base connector strip and painting of box etc complete as reqd.	1	job		
12	EARTHING				
	(a) supply and fix copper plate earth station with 600x600x3 mm thick copper plate including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i/c excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as reqd as per IS-3043-1987. The voltage between neutral & earth must be below 1 volt.	1	set		
	(b) supply and fix G.I. plate earth station with 600x600x6 mm thick G.I. plate including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i/c excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as reqd as per IS-3043-1987.	2	set		
	c) Supplying, fixing & termination of 20x3mm copper strip with earth station below ground level etc complete as reqd.	4.00	R.Mtr.		
	d) Supplying, fixing & termination of 32x6mm G.I. strip with earth station below ground level and on wall saddle etc complete as reqd.	8.00	R.Mtr.		
13	Providing and fixing of 8 SWG copper earth wire in the recess for loop earthing etc. as required.	40	R.Mtr.		
14	Providing and fixing of 8 SWG GI earth wire in the recess for loop earthing etc. as required.	40	R.Mtr.		
15	Supply & laying 2mm thick 25 mm dia ISI mark PVC conduit pipe complete with accessories such as bends, junction boxes etc under floor or in recessed walls from copper earth electrode to UPS room for computer dedicated earthing, from GI earth electrode to main panel & UPS panel etc. wherever reqd. Note: flexible pipe not to be used any where.	75	R.Mtr.		
	COMMUNICATION				
16	Networking for computer networking starting from mounting rack with UTP CAT-6 cable in 2mm thick 25 mm dia ISI mark PVC conduit with accessories such as bends, junction boxes including providing and fixing I/O plates and SMB complete with all networking accessories etc complete as reqd. (Make LUCENT /HCL /IBM/ AMP/ KRONE/DLINK/ MOLEX Note: flexible pipe not to be used any where.	24	Each		
17	Supply, installation, testing and commissioning of 24-port Patch Panel (Makes LUCENT /HCL /IBM/ AMP/ KRONE/DLINK/ MOLEX	2	Each		
20	Supply, Installation, testing and commissioning of mounted rack 15" height made of powder coated MS sheet.	1	Each		
21	supply, installation, testing and commissioning of factory made patch cable CAT-6 complete with 2 no. connectors etc. complete as reqd. Makes LUCENT /HCL /IBM/ AMP/ KRONE/DLINK/ MOLEX				
	(a) 1 mtr. long	24	Each		
	(b) 2 mtr. long	24	Each		

22	wiring for telephone points with 0.5 mm dia 2 pair insulated annealed tinned electrolatic copper conductor in 2mm thick 25mm dia ISI marked PVC conduit complete with accessories such as bends, junction boxes etc. with suitable size of G.I. box modular plate and cover in front on surface or in recess including providing and fixing modular type telephone socket outlet and making necessary connections etc. complete as reqd. Makes Delta/ finolex / polycab Note: flexible pipe not to be used any where.	10	Each		
23	Supply & fixing of 30 pair FRP/PVC/Metal junction box with KRONE disconnection module necessary tag for identification (Make-finolex/delton/polycab)	1	Each		
24	supply, installation, testing and commissioning of 30 pair telephone unarmoured cable as required. (Make-finolex/delton/polycab)	40	R.Mtr.		
25	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular socket, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.. (Makes- Finolex / polycab / havells / skyline / pyemen) Including Wiring circuit/submain wiring along with earth wire with the following size of PVC single core FRLS copper conductor wire in 2mm thickness PVC pipe as required: 2x2.5 sq mm + 1x1.5 sq mm earth wire (Makes-Finolex / polycab / havells / skyline / pyemen)				
a	One light point controlled by one switch	69	Each		
b	One plug point (Anchor /Crabtree / North-West / REO)	14	Each		
c	One switch controlled by one socket (independent for wall fan)	19	Each		
d	Supplying and fixing of 1 No.15 amp flush type 5 pin socket and 1 No. 16 amps switch cover plate, 5 sided G.I. Boxes for housing switches and sockets and earthing complete as required (for Power Point) GI Boxes to have earth pin for body earthing makes (Anchor /Crabtree / North-West / REO)Including the cost of wiring 2x2.5+1x1.5 FRLS. PVC insulated copper conductor single core cable etc as required.(Makes-Finolex / polycab / havells / skyline /	12	Each		
26	Supply, installation, testing and commissioning of refrigeration pipe including cutting of wall and fixing with suitable saddles or clamps, providing suitable size of sleeves for passing refrigerant pipe from indoor to outdoor unit including making necessary arrangement etc. complete as required. (Makes- Mandev/ Total Line/ Rajco)				
	a) For High Wall A.C. (1.0 & 1.5 Tr) Copper pipe size (1/2" & 1/4")	120	R.Mtr		
	b) HWS/Cassette A.C. (2.0 Tr & 3.0Tr) Copper pipe size (5/8" & 3/8")	0	R.Mtr		
27	Supply & fixing of hard pipe for drain complete with all accessories such as tee, bend cutting chases making good the damages and leak proof joints to avoid seepage in wall/floor etc. complete as required.				
a	25 mm dia	90	R.mtr		
b	32 mm dia	30	R.mtr		
28	Supply and laying of 3 core 2.5 sq mm FRLS copper flexible cable (for single phase HWS AC) Make: Finolex / Polycab / Havells / Pyemen / Ecko.	120	R.mtr		
29	Supply and laying of 4 core 4 sq mm FRLS copper flexible cable (for three phase Cassette AC) Make: Finolex / Polycab / Havells / Pyemen / Ecko.	0	R.mtr		

30	S.I.T.C. of Cyclic Timer for atm Room AC.	1	nos		
	TOTAL				
	PART- B				
	SUPPLY OF FIXTURES				
1	SITC of 36 watt recess mounted LED Light panel suitable for 2' x 2' modular/gypsum ceiling with assembly complete with including making necessary frames & connections etc. Complete as reqd. (Philips/Wipro/ Bajaj)	3	Each		
2	SITC of 15 watt recess mounted LED down lighter with assembly complete with including making necessary connections etc. Complete as reqd. (Philips/Wipro/ Bajaj)	44	Each		
3	SITC of COB 15 Watt round down lighter with assembly complete with including necessary connection from 2x1.5sq.mm copper wire in ceiling etc. as reqd.. Complete as reqd. of Havells/ greaves make or equivalent above 85 lm/watt.	33	NO		
4	Supply and fixing of LED type fitting 20 watt, 4 feet (M/s Phillips or equivalent of Wipro/ bajaj)	3	Each		
5	Supply and installation of Metel body 12" size medium duty exhaust fan model Drift Air. and louvr (Make:Crompton High Breeze/ usha / Bajaj (Necessary framing, wall cutting & finishing to be done by Contractor)	4	Each		
6	SITC of 30 watt Street light /Flood light for lighting the front side of the Branch (M/s Crompton Cat No. LSTS-30-CDL or equivalent of Philips/Wipro.	2	Each		
7	Supply,installation,Ceiling fan with regulator,hanging hook etc complete as reqd.with Extension rod	2	Each		
8	SITC of 450 mm sweep wall fan complete as reqd. Model turbo 180, USHA Make or equivalent of Crompton /Havells /Bajaj)	19	Each		
9	SITC -Ceiling Profile Ligh Type TruGroove, Installation/mounting type Recessed, Color Temperature Tc (K) 3000 / 3500 / 4000 Housing (Material And Finish) Extruded aluminium trim and die-cast endplates, System Wattage 20W, Classifications (IP/IK) IP20, Cover (Glass/ PC) Poly carbonate, Electrical Class II,/ LED Lamps 240Nos/Mtr (LM26) 5 mtr roll with LED Driver lumens (Make IP Mac, Sanspa, Helius,)	48	R.Mtr		
10	SITC LED FIXTURE- Ceiling/wall Light Model 31165 Wattage: 10W · Dimension: 2 feet lenth · Lumen Value: 800lm · Base: Inbuilt LED (Philips/ Panasonic or Equivalent Make)	8	Each		
11	Linear recess / Surface mounted light LED Luminaire - 32W,1200mm(l) x 75mm(w) x 100mm(h) with White powder coated finish CRCA housing with extruded aluminium lip. High efficiency LEDs with long life. Special translucent satin finish virgin PMMA diffuser, Luminaire system wattage. Complete assembly with LED, Driver and accessories pre wired upto terminal block. Wattage should be inclusive of LED and Driver losses. Lumen output should be as per LM 79 100 lm/watt . Total Harmonic Distortion (THD) should be less than 10% and Colour Rendering Index (CRI) should be 80 and above. (Wipro / Matador.	7	Each		
12	Circle Ring Light (35W - 40W) 600 Diameter Bring in an element of innovation and design with Orbit rings of light in hall space White powder coated finish CRCA housing with extruded Aluminium lip. High efficiency LEDs with long life. Special translucent satin finish virgin PMMA diffuser, Luminaire system wattage. Specially designed driver. Wattage should be inclusive of LED and Driver losses. Model No- Orbit Ring LM23OR (LM23OR-621-xx57-XW)				
a	Color Temperature 5000-6000K	6	Nos		

13	Track Light (20W) High efficiency track light with reflector optics for optical excellence. Special track locking system to ensure proper mounting on track. Including cost of Track (Wipro make/ hevels/Equivalent)				
a	Color Temperature 5000-6000K	2	Nos		
14	Supply Installation, testing & commissioning of LED STRIP light with driver and 3/4" Aluminum Channel Accessories complete as required (MS CROMPTON or equivalent of WIPRO , PHILLIPS, BAJAJ etc.				
a	Warm white/ Natural White Led Strip	55	R.Mtr.		
15	Shifting and Fixing split air conditioners of EXISTING A/C Available in Civil line branch, including cost of reinstallation of stabliser, metal stand, installation AC, servicing and gas recharging etc Complete as reqd (In Hall)	0	Nos		
	Total - Part B				
	TOTAL PART-A				
	TOTAL PART-B				
	SUB TOTAL				
	G.S.T as applicable will be paid extra by the bank				
Note:	Only two computer points are to be provided on one circuit. Independent circuit for Raw				

PRICE BID FOR FIRE ALARM SYSTEM WORKS OF PUNJAB AND SIND BANK, BRANCH AT GTB NAGAR, JALANDHAR.

Sr No	ITEM DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
A	FIRE DETECTION SYSTEM				
1	Supplying, laying, testing and commissioning of 1100 volt Fire survival 1.50 sq mm x 2 core FRLS 7/.53 mm armoured copper conductor and cable for 650 DEG C cable laid on Surface/ walls including the cost of saddling and clamping and including the cost of dressing etc. complete as per specifications. Make @ Havells, KEI & Polycab.				
a)	2C x 1.5 Sq mm	250	R.mtr		
2	Supplying, installation, testing & commissioning of Electric Optical Intelligent Multi Criteria Smoke Detector with built in LED and mounting base complete with all connections etc. as required. Make@ Honeywell, NOHMI & System Sensor	20	Nos		
3	Supply, installation, testing and commissioning of addressable type Rates cum rise type heat detectors with built in fault isolator on surface / false ceiling complete with base as required.	8	Nos		
4	Supplying, installation, testing & commissioning of Manual call boxes of ABS Type with assembly complete with glass and push button etc. as required (Intelligent Manual Call Point, For Fire Alarm System ; Color. Red ; Operating Temperature. -40 to 70 c ; Protocol Voltage. 5 - 13 V) . Make@ Honeywell , NOHMI , System Sensor	4	Nos		
5	Supplying, installation, testing & commissioning Multiple Intelligences response indicator on surface/recess ABS TYPE box having two LEDs ABS cover complete with all connections etc.as required. Make @ Honeywell, NOHMI & System Sensor	6	Nos.		
6	Supplying, installation, testing & commissioning Multipal fire alarm sounder with facility to make announcement, mounted in ABS type box (16 SWG) with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required. Make @ Honeywell, NOHMI & System Sensor	2	Nos		
	Total of Fire Detection System				