

INTERIOR FURNISHING, CIVIL, ELECTRICAL, LAN AND AIR-CONDITIONING WORKS AT UCO BANK, HIGH COURT BRANCH.					
SR. NO.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
FURNISHING WORKS					
1.0	PAINTING AND PUNNING:				
1.1	Providing & applying POP on wall & column as per required and to give a smooth surface as per approval of the Architect/ Bank.	5.00	sqm		
1.2	Plastic Paint: On Wall and Ceiling with the Base with POP punning to plumb level and 2 to 3 coats of Plastic emulsion on 2 to 3 coats of lappam and 2 coats of primer one before and one after lappam. All as per the instructions of the Architect/ Bank.	5.00	sqm		
2.0	PARTITION WORK:				
SR. NO.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
2.3	12mm Toughned Glass Partition				
	Providing & fixing main door & partition made up of 12 mm thk. clear toughened glass shall be fixed in patch fitting with necessary hardware. With application of sealant from all sides. Edge polish for all exposed sides of glass Complete as per design. Door size 7'0" x 3'0" - Providing & fixing main door made up of 12 mm thk. clear toughen glass shall be fixed in patch fitting with necessary hardware like floor spring, 12" Stainless steel decorative handle pair,& locking arrangement. Edge polish for all exposed sides of glass. Complete as per design. Rear lower portion behind atm , counting and pass book shall be lockable sliding glass 12mm toughned. All necessary hardware applicable shall be considered including roller slides, channels etc. P/F Glass shelves, 1' width, 2' length - 6 nos total in manager cabin to keep medals/ trophies as display. glass shall be edge polished, necessary S.S. hardware to fix glass to be included.	34.00	sqm		
2.4	4' Height Partition:- sliding, lockable, for Atm rear portion				
	Providing & fixing 3" thick partly glazed partition with 10mm thick clear float glass for made up of 18 gauge 50x50 mm Aluminium section framework at 600 mm c/c both ways (or as directed by the Architect); 12 mm HDMR & 1 mm laminate from both sides. Partition should be finished with specified finish as per design. The rate includes providing 35 mm thick flush door finished with 1 mm laminate of approved make/ shade on both sides with necessary lipping patti polished. Rate includes all necessary hardware (i.e ball bearing hinges of approved make, door closure, Lock, Door stopper, etc.) Exposed edges of the partition shall be laminated or fixed with edge banding tapes. All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights/ levels with necessary additional supports &/ or scaffolding as required. The rate includes all necessary hardware & cleaning of partition to the satisfaction of the Architect/ Bank etc. The cost shall include cost of metallic aluminium foil laminate skirting and bands at top, midway in laminate design or wherever necessary as per design, given by Architect/ Bank. No seperate amount/ rate shall be paid for it.	4.00	sqm		

SR. NO.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
2.7	Panelling:				
	Providing & fixing Panelling on existing walls as per design & drawing with sub - frame of size 25mm x50mm Aluminium frame,18 gauge @ 600mm x 600mm c/c vertically & horizontally. The frame to be fixed in walls with screws and wooden gutties. The panelling made of 12mm thick HDMR PLY finished with 1mm thick laminate., Exposed edges shall be laminated. The cost shall include cost of metallic aluminium foil laminate skirting and other color laminate bands at top, midway in laminate design wherever necessary as per design, given by Architect/ Bank. No seperate amount/ rate shall be paid for it.	13.00	sqm		
	Rates to include necessary notches in frame on carrying electrical conduit and switch boxes. It includes design & grooves in laminate as directed by Architect/ Bank, includes providing on top of low height panelling wherever necessary etc, complete in all respects to the satisfaction of Architect/ Bank.				

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2.11	DUPONT 12mm Sheet Partition:				
	Providing & fixing DUPONT 12mm sheet partition with CNC Cut design, with outer frames in standard aluminum frame work as per manufacturers specifications, Aluminium sections of Jindal of standard sections and frame as per manufacturers specifications, Aluminium sections of approved make of standard sections to be used. All aluminium frame work shall be covered, smooth with DUPONT Sheet with matching glue. Color - white/ shade as per approval of Architect/ Bank.	4.00	sqm		
2.12	DUPONT 12mm Sheet				
	Providing & fixing DUPONT 12mm sheet to be fixed on table tops design, curved/ right angle, as per Architect shall be covered, smooth, all joints shall be filled with Corian matching paste, all joints shall be smooth, without any visible joinery details. Color - white/ shade as per approval of Architect/ Bank.	3.00	sqm		
3.0	FURNITURE WORKS:				
3.1	Table(3' x 2'6" x 2'6") Without Side Unit:				
	Providing & fixing table made up of 18mm thk. HDMR BOARD, and flexible ply, the table shall be curved shape from front with Double HDMR board 18mm inside. The table should be finished with Dupont CORIAN 12mm Acrylic sheet on top, [Corian taken in separate item]extended on front and sides till 1' in curved fashion. Rest portion shall be Aluminium sheet laminate. The gap shall have fluted light strip in warm white color.. All exposed 18mm hdmr board, both inside and outside and inside surface shall be laminated inside, edges shall be finished with edge banding tape. The table shall be provided with two drawer, ply key board drawer, ply C.P.U. trolley with ply footrest, wire manager & other required hardware.	2.00	nos		
3.2	Side Units (3'x2'6" Ht.):				
	Providing & fixing side unit made up of 18mm. HDMR board & 6mm. thk. HDMR PLY as backing. Side unit should have 2 openable shutters, 18mm thick laminated HDHMR. The unit shall have 18mm, both side laminated shelf. all inside and outside surfaces shall be laminated. Side unit should be finished with 1 mm. thk. laminate of approved shade & colour on external surface & inside surface shall also be laminated. All exposed edges of 18 thk. & 12 thk. HDMR board should be finished with edge banding tape, fixed with edge banding glue. The cost should include necessary hardware, handles, locks with common handles, locks with common key for set of drawers etc. complete as per design. Drawers to be made of 12 mm thick HDMR Board and finished with laminate on front and enamel painted inside. The cost shall include cost of metallic aluminium foil laminate skirting and other color laminate bands at top, midway in laminate design or wherever necessary as per design.	1.00	nos		

SR. NO.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
3.4	Centre table				
	P/f Centre table size 1'6"x 2'6" table top size finished with DUPONT, CORIAN SHEET 12MM THICK, edge formed , all joint shall be joint free finished with DUPONT GLUE. Frame shall be S.S. Frame	0.00	no		
3.5	corner table				
	Providing & fixing 2'x2' table with dupont corian top with s.s. frame .	0.00	no		
3.7	Storage Units (Low Ht.):				
	Providing & fixing storage units made up 18 mm. thk. HD MR Board Carcass framework, 6 mm. thk. plywood back as required as per design. HD MR 18mm shutters should be fixed on SS heavy hinges Storage units. should be finished with 1 mm. thk. laminate from external side & Internal also laminated finish. All exposed edges of HD MR PLY should have edge banding tape on it. The cost should include necessary S.S. handles, magnetic catches etc. complete as per design. The cost shall include cost	0	sqm		

SR. NO.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
4.0	FALSE CEILING:				
4.2	Metal False Ceiling:				
	Providing and fixing of Metal false ceiling in grid form, in laser cut design form in true horizontal level suspended on inter locking Grid system made of Hot Dip Galvanized steel sections powder coated XL -15 mm as per manufacturers specification including making opening for electrical and air conditioning fitting complete as directed. The tiles and grid system FRAMEWORK. the frame work shall be supported on Iron metal frame work of supporting frame work of 4"x4" steel powder coated box section frame. and supported on top with Iron frame work of 2"x2" heavy box section to act as intermediate frameAll metal work shall be smooth metallic powder coated in color as per banks / Architects choice.	150.00	sqft		
5.0	MISCELLANEOUS:				
5.0	Structural frame work in steel in modular type				
	Providing and fixing of Metal false ceiling in grid form, in laser cut design form in true horizontal level suspended on inter locking Grid system made of Hot Dip Galvanized steel sections powder coated including making opening for electrical and air conditioning fitting complete as directed. The tiles and grid system FRAMEWORK. the frame work shall be supported on Iron metal frame work of supporting frame work of 4"x4" steel powder coated box section frame. and supported on top with Iron frame work of 2"x2" heavy box section to act as intermediate frameAll metal work shall be smooth metallic powder coated in color as per banks / Architects choice. The Floor frame work shall be in 4"x4" box section shall take up load of iron pillars and false ceiling frame on top. The complete structural frame shall be modular type, which can be fixed by screwing at site, with clips prewelded at factory. the pillars shall be pre fixed with gusset plate 12mm thick for load distribution.the structure shall have height of approx. 10' 11"	1200.00	kg		
5.2	FLOOR BASE- The floor shall be raised to 4-5" with 4" steel frame work [to be considered in earlier item] and the floor shall be supported with wooden base members intermediate grid fashion , with 19mm HDMR Board , grid shall be in frame 2'x2' ., Raceways shall be put inside for electrical cabling work, consealed.The edge shall be fixed with 12MM HDMR Board and finished with 1mm thick laminate , Golden S.S. Corner beading with PROFILE LIGHT inside.	150.00	sqft		
5.3	p/f frosted 3M glass film as per computerized cut design on glass doors/ partitions.	8.00	sqm		
5.4	p/f Backlit S.S.Golden letters 6" ht, 304 grade thick sheet	12.00	nos		
5.5	p/f Backlit S.S.Golden letters 4" ht, 304 grade thick sheet	18.00	nos		
5.6	p/f Backlit S.S.Golden Banks logo 18" ht, 304 grade thick sheet, without any dents visible.	1.00	nos		
5.6	p/f Metal frame work of square pipe side 2"x2" frame , poder coated to support for Signage- S.S. Letters and logo.	1.00	nos		

SR. NO.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
5.7	P/f digital image display with Acrylic sheet front, and back lit with diodes - samsung, with adapter, consealed in panelling/ f.ceiling, with silver framing. Size 1'x2' ht with digital images regarding banks advertisement etc.	2.00	nos		
5.10	p/f wall paper, level shall be levelled with POP Punning smooth, with no undulations etc. as per design finalized by Architect/ Bank.	10.00	sqm		
5.11	Providing & fixing 3" thick , ACP BOXING , for made up of 18 gauge 50x50 mm Aluminium section framework at 600 mm c/c both ways (or as directed by the Architect); 4mm ACP Sheets screwed on aluminium frame. Partition should be finished with specified finish as per design. The rate includes providing partition thickness door with locking arrangement, handle lock-6levers, with s.s. hinges. Joints of ACP sheet shall be finished with matching silicon. Rate includes all necessary hardware (i.e ball bearing hinges of approved make, door closure, handle lock-6 levers, Door stopper, etc.) groove in between. All provisions to be made for all electrical, networking, telephone etc. boxes onto partition framework at required heights.	7.00	sqm		
5.12	p/f S.S. Dustbins with cover, operated by step.	0.00	nos		
5.13	Carpet Tiles: Providing and fixing in position tufted carpet tiles with nylon 6/nylon 6.6 fibre with tufted texture tip, tuft Glasbac backing layer consisting of two layers of thermoplastic recycled content vinyl composit, reinforced with glass fiberfor optimum stability and performance with normal wt-300bgm/m2,8-12 stiches per inch, 100% solution dyed with 15 years commercial warranty finished pile thickness 2mm, total thickness 6-7 mm, with antistatic property less than 3.5kv. the carpet shall be protected by stain resistant coating, and treated with intercept with anti microbial process with life time warranty.	150.00	sqft		
5.13	Charcoal Panel: Providing and fixing Charcoal panel as per design required with base HDMR Board 18mm and aluminium framing wherever needed.	32.00	sqft		
5.14	Supplying FRP Planter 15"x15"x15" with plants, Planter made of FRP (Fibre reinforced polymer) to be kept in banking hall & other areas.	2.00	nos		
	TOTAL				

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ELECTRICAL WORKS					
	SUB-HEAD I:- INTERNAL WIRING:				
1.0	Wiring for light, fan, call bell and 5A plug point with 2x1.5 sq.mm.F.R.L.S., PVC insulated copper conductor cable in recessed/ surface MS conduit 16 gauge with suitable junction boxes switches and plugs etc. all fitted in concealed 16 SWG zinc passivated embedded in walls with moulded plate switches continuous running of 1.5 sq.mm.F.R.L.S., PVC insulated copper solid conductor cable earthing the fixtures outlet boxes and wiring of sub circuit & mains circuit with supply and laying of 2x2.5 sq.mm.F.R.L.S., PVC insulated copper conductor cable and 1.5 sq.mm. F.R.L.S.,PVC insulated copper solid conductor cable for earthing from the distribution board as required (All wiring items include provision of conduit and all fittings/ conduit accessories complete wiring and switches).				
i	Wiring as above for a light point controlled by a 6A switch.	10.00	point		
ii	Wiring as above secondary light points controlled by a 6A switch.	2.00	point		
iii	Wiring as above for a call bell pt. controlled by a 6A switch.	1.00	point		
iv	Wiring as above for a bracket/ ceiling /exhaustfan controlled by a 6A switch.	1.00	point		
v	Wiring as above for universal 5 pin 6A socket with switch outlet point.	6.00	point		
2.0	Same as serial no 1 but using 2*2.5 + 1*2.5 Sq.mm 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 Sq.mm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit). PRIMARY POINT	7.00	point		
3.0	Same as serial no 1 but using 2*2.5 + 1*2.5 Sq.mm 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 Sq.mm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit). SECONDARY POINT	5.00	point		
4.0	Same as serial no 1 but using 2*4Sq.mm 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 Sq.mm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit). PRIMARY POINT	6.00	point		
5.0	Same as serial no 1 but using 2*2.5 + 1*2.5 Sq.mm 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 Sq.mm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit). SECONDARY POINT	2.00	point		
6.0	A/c points-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	0.00	each		
7.0	Computer points - Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter b) Same as above but looped from the above 1st point to 2nd, point and 2nd point to 3rd point. (Maximum 3 points in a circuit) PRIMARY POINTS	3.00	each		
	Secondary point looped	1.00	each		
8.0	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick 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 switch with all accessories, inner/ outer plates , metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the Bank for the rack supply in PA rack, CCTV. PRIMARY POINT	11.00	each		
	Secondary point looped	1.00	each		

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	SUB-HEAD II:- WIRING FOR TELEPHONE:				
1.0	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.				
	a. 1 pairs cord outlet, point wiring	2.00	nos		
	b. 4 pairs cord outlet, point wiring	0.00	nos		
2.0	p/f EPABX System for 11 telephone points	1.00	nos		
	SUB-HEAD III:- DATA CABLING:				
1.0	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 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-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	10.00	nos		
2.0	Supplying and fixing 9U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	1.00	nos		
3.0	Supply, Installation, Testing & Commissioning of 24 port Jack Panel, and hub	1.00	nos		
4.0	Supplying, Fixing mounting cord 1m long	11.00	nos		
5.0	Supplying, Fixing mounting cord 2m long	11.00	nos		
	SUB-HEAD IV:- CABLES AND TRUNKING:				
1.0	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 plastering the floor level to original. Conduit must be 30 mm below the floor finish level.				
i	2x4sqmm+1x4 sqmm	25.00	m		
ii	2x6 sqmm+1x6 sqmm	0.00	m		
iii	junction boxes	7.00	nos		
iv	Supplying, laying, testing & commissioning of 3.5 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Light DB).	0.00	m		
	SUB-HEAD V:- DB Panel Board:				
	Supplying, installing, testing & commissioning of surface/ recessed mountings, Double door 415 volts TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bars, earth bar, common neutral link, din bar for mounting of MCB's detachable gland/ knock out plate & with built in loose wire box, 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.				

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	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.				
i	4 WAY TPN DB-light-Incomer:- 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase. Outgoing:- 6 Nos. 6/10 Amp (10 KA) SP MCB	1.00	set		
ii	4WAY TPN DB-power-Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase. Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB	1.00	set		
iii	4WAY TPN DB-AC-Incomer:- 1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase, Outgoing:- 6 Nos. 10/16/25/32 Amp (10 KA) SP MCB	0.00	set		
iv	4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)	1.00	set		
v	p/f 6 way SPN DB with box	1.00	set		
	SUB-HEAD VI:- 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 Bank (All LED Light Fixtures should be covered with minimum 3 Years onsite replacement warranty).				
1.0	LED 18 W tube 4'-0" As specified in tender document or approved by the Architect/ Bank.	0.00	nos		
2.0	FULL GLOW 2' LED 48 Watt, triangle shape Hanging Ceiling light , Natural white color, white body of make as specified in tender document or approved by the Architect/ Bank.	5.00	nos		
3.0	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make as specified in tender document.	7.00	nos		
4.0	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation fittings Led strip light (5 mtr.) make as specified in tender document, approved by	2.00	nos		
5.0	p/f Profile light, 1" width, with warm white led strip lights of high intensity.	30.00	rft		
6.0	P/f LED Spot Light , tiltable 3 watt, Ceiling mounted white color body (Philips or Approved Make).	3.00	nos		
8.0	Wall mounted fans (metal body) 400 mm dia. make and shade as specified in tender document or approved by the concerned office.	2.00	nos		
9.0	Exhaust fan - Supply & fixing of 150 mm exhaust fan 'Ventilair DX W' with self-closing louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by concerned office.	2.00	nos		
	SUB-HEAD VII:- EARTHING:				
1.0	Supply, Installation, Testing and Commissioning of Maintenance 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 of 5 year warranty to be submitted along with the bill. payment shall be made after submission of the certificate).	2.00	nos		
2.0	2x8swg cu wire -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.	40.00	m		
	TOTAL (ELECTRICAL WORKS)				
	Grand Total (excluding GST)				