

BOQ FOR CIVIL & INTERIOR WORK (PART- A)

Item	Item Title	Item Description	Item Quantity	Unit of Measure	Rates	Amount
1	DISMANTLING WORK	Dismantling of Partitions, furniture, electrical cable, wiring, brick work, Tiles if any & all other allied things as per drg's & instructions from Architect in-charge in phases or as required without affecting the functioning of Branch including the disposing of the dismantled materials as and when required.	1	Nos.	20000	20000
2	ACP CLADDING/ SHUTTER BOXING	Design, Supply , Fabrication and installation / Fixing of Aluminium Composite Panels of approved make for Internal, external cladding, Shutter boxing and canopy cladding in combination of solid / Metallic colours, including all necessary frame work and complete weather sealing. The composite panel should consist of 3 mm LDPE sandwiched between 2 skins of 0.5mm thick Aluminium sheet making a total panel thickness of 4 mm. The supporting framework shall be made to suit the grid requirement at site out of extruded section 38x38x3mm aluminium angle section or 50x25x1.6mm tube section running vertically or horizontally fixed to building structure through M.S clamps prefixed to masonry with suitable anchor fastener or screws as required after aligning the framework for level and lines. the ACP panel cut to size and bent at edges to form a tray to be fixed to aluminium grid tubes cleats, angles etc with metal screws. All hardware will be corrosion resistant. The gaps will be sealed using weather sealant like Dow Corning 789 or any other approved brand. Note: the external surface shall be well protected with self adhesive peel off masking foil which is to be peeled off after the completion of all the works.	120	Sqft.	270	32400
3	GYPSUM BOARD FALSE CEILING WITH PAINTING	Providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum board (India Gypsum) suspended on GI framework (India Gypsum). GI framework to consist of GI perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c. Suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 15mm fixed to soffit using proprietary supplied GI cleats and steel expansion fasteners. Boards to be finished with proprietary supplied jointing tape and jointing compound and sand papered to achieve a smooth and seamless finish and 2 coats of primer alongwith coats of Acrylic paint suitable for Gypsum board upto Bank's Satisfaction .Rate quoted to include overhang, projection all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Only horizonatal Measurement will be taken.	1112	Sqft.	80	88960
4	GYPSUM DROP CEILING	Providing an fixing false ceiling vertical drops and curves as per design with the same specification as above item	150	Sqft.	80	12000
5	GRID FALSE CEILING /Modular False ceiling	Providing and fixing suspended false ceiling consisting : approved make MODULAR CEILING of size 2'-0": x 2'-0", 15mm thick. Tile: equivalent to Classic Lite RH 99 Bevelled Tegular; Suspension system Silhouette 15 False ceiling will be measured on horizontal plane only. Horizontal plane measurements are to be inclusive of all vertical drops, edge mouldings, fascias, etc. Rate quoted to include all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Rate quoted to include cost of providing support framework formed of perimeter channels for fixing light fixtures, AC grills/diffusers etc. Also to provide concealed perimeter channel support as required to support modular grid ceiling sections at junction between gypboard false ceiling and modular grid tile ceiling.	1088	Sqft.	100	108800
6	P/F SOLID / PARTLY GLAZED PARTITIONS	P/F SOLID/ PARTLY GLAZED PARTITIONS made out of Aluminum cross section (16 gauge 2" x 2" size Al. box section) of framework 2'-0" c/c vertical and in 1'-6" c/c horizontal direction firmly fixed to floor/ slab with 65 to 75mm long screw, covered with 8 mm thk HDHMR/EDHMR board / partly glazed (8mm thk. clear float glass fixed with 1.5"x1" teak wood beading finished with melamine polish) with approved design, shape & shade 1mm thk laminate/mica fixing on inside of panel with 1.5 mm thk grooves in panel as per the design with provision of the openings in the panel for switch boards, box and cuts in frame for carrying conduits if necessary and fixing 1.0 mm laminate on the outside face of shade and colour as per Bank's color scheme given in the tender specification or as directed with 8 mm glass to be given in the design. The open edges are to be blocked by teak wood bead with polish of required size (3"x3/4") and design. All provisions to be made for all electrical, networking boxes onto partition framework at required heights/levels with necessary additional supports as directed. Skirting (3" blue and 1" red color laminate at bottom) as per Bank's Branding to be done.	660	Sqft.	330	217800
7	LOW HEIGHT PARTITION	P & F low height (3'-0" to 4'-0")partly glazed partition with 3'-0" ht. wooden partition and 1'-0" ht. 12 mm thk. clear float glass above the wooden portion fixed with 1.5"x1" teak wood beading finished with melamine polish. The exposed edges of the glass to be finished in pencil polish. Rate includes P&F wicket gate with all necessary fittings, beading etc. as required. Specification are same as above item i.e. Full Height partition.	410	Sqft.	330	135300
8	CASH CABIN PARTITION	Providing and fixing the intermediate, front, and rear partition of cash cabins which shall be of same specification as Solid wooden partition but upto 7'-0" ht. but with 12mm thk toughened glass. Glazing starts from 3'-9" upto 6'-6" with pencil polish edges at front partition. Providing cutout of size 12" x 4" at the central bottom part of glass at transaction top level so as to allow transactions. Providing 6" dia hole at the height of 4'6" from finished floor level so as to allow conversation between cashier and customer. The side intermediate partition shall have an opening of 8" x4" in the partitions at 3'-0" level with the ledge of 1'-0" wide projecting 6" both side.	60	Sqft.	350	21000
9	CEMENT BOARD / FIRE RETARDANT PARTITION FOR UPS ROOM	P&F full height double skin partitions in UPS room Aluminum cross section (16 gauge 2" x 2" size Al. box section) of framework 2'-0" c/c vertical and in 1'-6" c/c horizontal direction firmly fixed to floor/ slab with 65 to 75mm long screw, with 8 mm thick HDHMR/ EDHMR BOARD (outer side) of approved make covered with various finishing layers as per design and details including outer side with 1 mm thick laminate & inner side with 12mm Calcium Silicate Board /Cement board/ FRP Board . The boards are to be fixed to the frame work with joints staggered to avoid through cracks to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and one coats putty, two coats of primer and two coats of lustre paint suitable for board as per manufacture's specification and direction of engineer in charge all complete, suitable anchor fastener or metal screws with nylon plugs . All doors including sliding doors / openable doors, with all fittings including ISI Marked Floor Springs, Hinges, Bolts, etc., shall be included in the same price.All items necessary for completing the above mentioned work are deemed to be included in the scope of work, whether or not they are specifically mentioned in the B.O.Q / tender documents / drawings.	0	Sqft.	330	0
10	TOUGHEN GLASS DOOR	Providing and fixing of 12 mm thk toughen glass doors with below fixtures of approximate size 900x 2100mm for single door and 1800x 2100mm for double door. Cost includes Door Lock, Door stopper, Floor Machine, Patch fitting and S.S. Handle 12" long	63	Sqft.	600	37800

11	FULL HEIGHT 12MM THK. TOUGHEN GLASS PARTITION	P/F 12 mm thick glass full height glass embedded in aluminum anodized sections if required all around for external facade glazing. Anodizing to be Natural Finish shade. (on special cases, subject to approval).(Frame work: min 2-1/2" X 1-1/2" X 16 Gauge anodized Aluminum cross section) The works includes fixing of glass with Top & Bottom surfaces with proper support/frame.	7	Sqft.	450	3150
12 A	WOODEN FLUSH DOOR	Providing and fixing Solid flush door of approved make made out of 35mm with both side laminate finish with necessary fitting with door closer provision . All material is of approved brand. Providing and fixing single leaf solid core flush door 40mm thick factory made of following size, finished on both sides with 1.0mm thick laminate of approved shade as indicated in drawing. Shutter to be lipped on all sides with 12mm thick teak wood beading. Applicable hardwares to be considered for following doors according to requirement as per detailed drawings including below mentioned hardware-Door closer, SS Ball bearing Hinges, SS foot operated Door stopper, SS Mortise Latch Lock / concealed dead lock, SS Mortise Handle. Rates are inclusive of 8mm thk. glass vision panel as required. a)Size 1050 x 2100mm	2	Nos.	8000	16000
12 B		b) Size 900 x 2100 mm	3	Nos.	7000	21000
12 C		c) Size 750 x 2100 mm	1	Nos.	6000	6000
12 D		d) Size 750 x 1950 mm for CASH CABIN DOOR with Auto lock facility of Godrej make or equivalent	1	Nos.	7000	7000
13a	WALL/ COLUMN PANELLING	WOODEN PANELLING: Providing and fixing panelling on wall/column in Aluminum Sections (16 gauge 2" x 2" size Al. box section) of framework 2'-0" c/c both way covered with 12mm Thk HDHMR/ EDHMR Board . One side finished with 1.0mm thk laminate. The open edges are to be blocked by teak wood bead with polish of required size (3"x3/4") and design. Skirting (3" blue and 1" red color laminate at bottom) as per Bank's Branding to be done.	900	Sqft.	250	225000
13b		BRANDING BORDER/ PATTA AT FALSE CEILING BOTTOM: Providing and fixing 4" - 6" wide panelling patta on wall/column at false ceiling bottom in Banking Hall using 12mm Thk HDHMR/ EDHMR Board finished with 1.0mm thk laminate of Blue and Red color in ratio 3:1 as per Bank's Branding.	150	Sqft.	200	30000
13c		PANELLING WITH WPC FLUTED PANELLS: Providing and fixing panelling on wall and ceiling with WPC fluted panells of size 2950mm x 195mm x 27mm of Leben/Alufuff/ Murrato or other approved make of approved shade in approved pattern as directed by the Architect. Rates shall be inclusive of all accessories, hardware fitting and fixtures as required to fix the same on the wall and ceilings including corner beading and fasteners.	70	Sqft.	350	24500
13d		PANELLING WITH LECQUERED GLASS: Providing and fixing of panelling with or without frame so as to receive a plain and even surface in exact plumb line, covered with 8mm thick HDHMR/EDHMR Board and finished with 6mm thick tempered lequered glass of approved shade and make as per design. The glass should be fixed with white vinyle film containing the Bank's logo, full name and also the Branch/ Office name at the centre as per design and as deirected by Architect in approved style and pattern.	0	Sqft.	400	0
13e		ACOUSTICAL WALL PANELLING: Providing , making and fixing in position Armstrong 'Optra Acoustical wall panelling or equivalent with panels of 600mm x 600mm, 25mm thick as per following specification: a) The support system comprises of 4 nos. wall panel impalers fixed to the wall surface using self tapping screws, silica based construction adhesive to be dabbed on to the projecting elements (spikes) of the impalers. Optra wall panel shall be pierced through the spikes of the ompalers esuring and maintaining the line and level of the panels. b) The panels to have square edges made of fibre glass substrate 25mm thick and wrapped on the front side with an acoustically transparent and classified for Fire reaction class B-s1, d1 ans per EN13501, fabric with an option of various colors, as per the choice providing a minimum sound absorption level of 0.90NRC to be affixed to wall using wall panel impalers and construction adhesives as per the instructions laid by the manufacturer.	0	Sqft.	300	0
14	WOODEN BOX	Wooden boxing for rolling shutter boxing etc. made up in 19mm thk Marine plywood. Laminates will be similar as partition. Measurement to be considered for all exposed faces.	0	Sqft.	250	0
15	ELECTRICAL PANEL /UPS CABINET	Providing and fixing 1'-6" side shutters made of 18mm Fire retardant Panel/ Plywood with side boards and intermediate supports including back side finished in laminate of 1 mm outside and 0.8mm inside of approved shade. This also includes providing necessary hardware like handles, hinges, locks, tower bolts etc of approved make. All exposed wooden surfaces to be stained to shade. Louvers to be provided in shutter made up of SS-304 of size 1' x 2' as required for proper ventilation. Only front face shall be measured for payment purpose.	24	Sqft.	300	7200
16a	VINYL/ FROSTED FILM	Providing and pasting Vinyl/ frosted film (3M, Garware make) on glass work/ on Furniture including Bank's logo/ branding as required & as directed by the Bank/Architect. a) FROSTED FILM: Providing and fixing frosted film in the glass after cleaning and wiping glass surface free of any dust or foreign bodies and then fixed plain approved patter/ design film on the glass inclusive of making necessary cutouts complete. (Basic cost of film not less then Rs. 50/- per sqft.)	80	Sqft.	70	5600
16b		b) BANK'S LOGO: Providing and fixing Bank's logo of size 9" x 9" in red color as per instnction of Architect.	12	Nos.	100	1200
17	VERTICAL BLINDS	VERTICAL BLINDS: P/F Blinds 100mm wide blinds made using with extruded powder coated headrail housing control units, spacers, runners, tilt rod with reduction gear mechanism, tilt control for rotation of 180 degree louvers made of approved fabric/ color scotch guard coating and bottom mechanism of powder coated glvanized steel with required compoments.	40	Sqft.	80	3200
18	ROLLING BLINDS	ROLLING BLINDS: P/F Blinds made using 100% polyester with acrylic polymer coating.(only for external windows. In case of front facia necessary approval need to be obtained)	0	Sqft.	100	0
19	CHEQUE WRITING DESK	Writing desk made of 12mm thk HDHMR/ EDHMR board shelves with same wood beading as above finished with 1mm laminate. Witing ledge to have facility of pegion holes of 6" depth beneath to place the payin/ payout slips etc. The witing ledge top shall be of 12mm thick plain glass fixed with SS studs. Desk size of given width having 1'-3"(h) x 1'-3"(d) at a total height of 3'-6'.	4	Rft.	1000	4000
20	COMPLAINT BOX AND CHEQUE DROP BOX	(1'-0" x 1'-6" High X 10" deep) Providing and fixing complaint boxes made out of 12mm thk HDHMR/ EDHMR board finished with 1mm thk outside and 0.8mm inside. Laminate. Slit should be provided to drop cheques and opening provided with locking arrangement to remove cheques, complete in all respect.	2	Nos.	2000	4000
21	NOTICE BOARD	Providing and fixing notice board of in ply board of 6mm fixed on a frame of 50 mm x 25 mm well seasoned wood polished and top fixed with bead. 12mm thk. Soft board claddd with fabric of matching colour and shade complete with all fixtures necessary as required.	12	Sqft.	200	2400
22	WHITE BOARD	Providing and fixing WHITE board of 4'-0"x2'-6" outer edges finish with aluminium anodized section.	10	Sqft.	200	2000
23	DRESSING TABLE(Strong Room):	Providing & supplying dressing table with mirror of size 1'-0" x 5'-0" including sitting desk of for locker room as per standard design of locker room / dwg	1	Nos.	5000	5000

24a	COUNTERS/ DESK	Providing & fixing tables as per design and of below mentioned size. Two of the corners/edges will be curvilinear in shape. The counters shall have MS Powder coated key board tray on telescopic channels, drawer unit, cable manager and sal wood foot rest (3"x1.5") with painting. The tables shall be made of 18mm thk HDHMR/ EDHMR board, with teak wood half round beading of size 20 x 12mm, duly polished. All vertical supports front apron and gable ends of table are to be made out of same 18mm thk HDHMR/ EDHMR board. The counter shall be finished with 1mm thick laminate of approved shade / colour, complete with all necessary hardware such as 100 mm 'C' type S.S.handles, magnet catchers, brass hinges, locks, etc. as per Bank's approved brand/make. Inner surfaces of the table, counters etc. to have 0.8 mm laminated finish. Drawer unit of size 1'-2"(clear internal width) x 1'-6" x 2'-3"ht.) consisting of 3 nos. of drawers, to be made of 18mm thk HDHMR/ EDHMR board with matching laminate finish with heavy duty telescopic slides of approved make. Rate will inclusive of providing plastic shoes and fixing 19x5mm suitable wood beading or 2mm thick PVC edge banding as per direction to all exposed edges etc. Skirting it to be done with approved color laminates. The top shall have float glass of below mentioned size as per table top shape with hole for cable manager with pencil polish edges. Skirting (3" blue and 1" red color laminate at bottom) as per Bank's Branding to be done. Payment of CPU trolley, Keyboard tray and drawer channel will be made saperately. a) Officer/ CSA Desk (4'-0" x 2'-6"x 2'-6" ht.) with 8mm glass top	4	Nos.	10000	40000
24b		b) Officer/ CSA Desk (4'-6" x 2'-6"x 2'-6" ht.) with 8mm glass top	9	Nos.	12000	108000
24c		c) Officer/ CSA Desk (5'-0" x 2'-6" x 2'-6" ht.) with 8mm glass top	1	Nos.	15000	15000
24d		d) BH Desk (6'-0" x 3'-0" x 2'-6" ht.) with 12mm glass top	2	Nos.	18000	36000
24e		e) LINER COUNTER: Linear Counter of 2'-0" width 2'-6" ht (With drawers without glass top for Server/ work station/ Concurrent Auditors	8	Rft.	1500	12000
24f		f) CASH COUNTER: Cash counter of mentioned width (2'-6" depth x 3'-9" ht.) The front portion shall have customer top of 1'-3" wide ledge projecting 6" on customer side at a height of 1'-3" placed above vertical member board above the desk/ working top thus making 3'-9" ht. from the finished floor level. The computer monitor should be accomodated below customer top. The top drawer to have sections/ partition to keep cash separate.	4.5	Rft.	3500	15750
24g		g) GLASS FRONT/ BARRIER: Providing and fixing front barrier partition of CSA/ Officer counter above the working top (from 2'-6" to 4'-0" ht.) with one no. of 12mm thk toughened glass leaving 2" gap above working top. The toughened glass shall be fixed to the side partition by means of 'D' SS bracket as required/ directed.	34	Sqft.	350	11900
24h		h) KEYBOARD TRAY: MS powder coated keyboard tray with mouse tray as manufactured by EBCO make or equivalent including sliding channel as per manufactures sepcification to be provided below working platform at every desk.	17	Nos.	400	6800
24i		i) TELESCOPIC DRAWER CHANNEL: Providing and fixing set (both side) of side mounted Telescopic Drawer Channel, Galvanized steel material having ball bearing runners for counters/ desk. Size 18"x20". Make : Hettich, Godrej, or equivalent.	51	Set	400	20400
24j		j) CPU TROLLEY: Provide CPU metal black trolley with 4 castor wheels with locking system for each counters/ table at bottom for placing CPU adjustable width from 5" to 9". Approved make Ebco or equivalent.	17	Nos.	800	13600
25a	SIDE CREADENZA	Providing, Constructing and Fixing credenza should be made out of 18mm thick HDHMR/EDHMR BOARD box type in nature with 8mm thk HDHMR/ EDHMR backing. 1.0 mm thk approved laminate to be stuck to all exposed surfaces, complete finished with golas/margins, 4" S.S.handles, brass hinges,soft auto closing type hinges, locks and magnetic catchers, etc. Drawer unit should have 2 nos. of drawers and should have telescopic drawer channel having same specification of Desk drawers as mentioned above. Drawer/shutter should be made of 18mm thk BWP plywood. The unit to have 3" covered skirting with approved laminate. The overall size of the unit shall be 2'-6" in ht and 18"/15" deep as per design. The unit shall have intermediate shelf. Inner surfaces of the units etc. to have 0.8 mm laminated finish. a) 3'-0" X 1'-4" X 2'-6"	2	Nos.	4500	9000
25b		b) 3'-6" X 1'-4" X 2'-6"	1	Nos.	5000	5000
26	FILE STORAGE CABINETS	Providing and fixing the 1'-6" wide storage units. The storage units shall have shutters made in 18mm thick HDHMR/EDHMR BOARD and finished in laminate of approved shade including top. The storage units shall have intermediate shelves made in 18mm thick HDHMR/EDHMR BOARD with matching wood lipping as desk. The storage shall have matching wood edge moulding as per the detail drawings. Storage should have side hung shutters of 18mm thk BWP plywood. This also includes providing necessary hardware like handles, soft auto closing type hinges, locks, magnetic catheters tower bolts etc of approved make. All exposed wooden surfaces to be finished with 19x5mm suitable wood beading. (same for Over Head storageabove counters/ low ht. storage if instructed).	200	Sqft.	800	160000
27	GLASS SHELVES FOR TROPHY ETC.	Providing and fixing 10-12mm glass shelf mounted over SS F-type Bracket 8-12 inch long of SS matt finish. Glass edges are to be ploished with rounded or chamfered corners as per the design / instructions of Bank. Brackets are of grade 304 SS fixed with SS screws. Measurement will be taken of area of glass provided.	8	Sqft.	550	4400
28	VINYL FLOORING (FOR STRONG ROOM ONLY)	Providing and fixing min. 1.5mm thk. 2' x 2' tiles/ 3' roll of approved make & color inclusive 4" to 6" skirting. The adhesive must be applied only after proper cleaning/ washing of the surface in which the tiles/ roll are to be fixed. The rate is inclusive of cleaing repairing the floor wherever required and removing the spilled out adhesive, stains etc. on the surface. (In strong room & locker room).	0	Sqft.	60	0
29	ARTIFICIAL PLANTERS & PLANTER BOX	Providing & fixing of 1'-6" x 1'-6" planter box 18" high, made of 18mm thick HDHMR/EDHMR BOARD , with teak wood Gola of size 1½ "x ¾ " as per design, which is to be polished as per color scheme. The planter box shall be finished with 1mm thick laminate of approved shade / colour, complete as per Bank's approved brand/make. Inside of planters shall be painted with synthetic enamel paint as per color scheme. Planter box to be furnished with white rounded pebbles & Artificial Palm Trees or as approved of 3'-0" ht.	4	Nos.	3500	14000
30	CENTRE TABLE	Providing Centre table of 30" diameter, with stainless steel base frame & 12mm glass of approved quality at top as per drawing approved by Bank.	2	Nos.	5000	10000
31	PREMIUM EMULSION INTERIOR PAINT	Providing and applying 2 or more coats of premium acrylic emulsion paint of interior grade of approved Brand only at exposted surface of Banking Hall with one coat of primer to achieve even shade and color. Surface shall be prepared properly and shall be levelled by the required water proof wall putty and finish the putty surface with preparing after adequate drying at all levels. Approved make: Asian Apcolite premium emulsion or equivalent.	0	Sqft.	25	0

32	100% PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT	Providing and applying two or more coats of 100% Premium acrylic smooth exterior emulsion paint with silicon additives, high sheen etc. of approved make & shade as per the manufacturer specifications over a coat of exterior primer of approved make as per the manufacturer specifications over the cleaned exterior surfaces of walls, beams, columns, canopies, sunshades etc. at all heights all complete including proper curing as required at site as directed by the Bank's Architect including cleaning the entire area after completion of the work. Rate also includes labour, Jhhula, surface preparation i.e. Scraping, cleaning, filling all the cracks with undiluted crack sealer etc. all completed: Approved make: Asian Apex Ultima or equivalent.	0	Sqft.	15	0
33	ENAMEL PAINTS	Painting with synthetic enamel paint of approved brand and colour to give and even shade in two or more coats as required/ directed over MS door, steel almirahs, racks, Metal drawers etc. The cost includes making the surface smooth with oil based putty, red oxide paint in one coat in case of iron steel grill etc. complete after surface preparation rubbing cleaning complete. Approved make: Asian Apcolite enamel or equivalent.	0	Sqft.	12	0
		TOTAL				1523160

BOQ FOR ELECTRIFICATION AND ALLIED WORKS (PART B)

Item	Item Title	Item Description	Item Quantity	Unit of Measure	Rates	Amount
1a	POINT WIRING	distribution board to point outlet including circuit wiring (i.e from DB to Switchboard), Earthing of all switch box and all outlet boxes fitting, fans, 3rd pin of plug with 1.50mm copper wire, Modular Switch/ Sockets of Standard make with necessary modular series cover plate and MS Boxes, Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar, Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm thick) draw boxes, G.I. Pull wires (where required), brass screws, ceiling rose/connector etc, Adopting separate and independent system of wiring for lighting, power (normal and essential supply). Wiring for following points using PVC insulated copper conductor wires of 650V/1100V grade in MMS grade-PVC conduit concealed/ exposed including switches & sockets as above. LIGHT LIGHT : (Mat required heights/levels with necessary additional supports as directed. Skirting (3" blue and 1" red color laminate at bottom) as per Bank's Branding to be done. he completion of all the works. ng it to be done with approved color laminates. The top shall have float glass of below mentioned size as per table top shape with hole for cable manager with pencil polish edges. Skirting (3" blue and 1" red color laminate at bottom) as per Bank's Branding to be done. Payment of CPU trolley, Keyboard tray and drawer channel will be made saperately. a) Officer/ CSA Desk (4'-0" x 2'-6"x 2'-6" ht.) with 8mm glass top 	60	Nos.	700	42000
1b		b) Providing and fixing Secondray light point (Maximum three points to be looped from primary)	60	Nos.	600	36000
1c		c) Plug point /celing Rose Point (for wall fans,Exhaustfan): Supply, fixing and commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	22	Nos.	600	13200
1d		d) P&F bell point i/c of buzzer	2	Nos.	600	1200
1e		e) 6 AMP. POINTS ON SAME BOARD(Half point) :Supply, fixing, testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 A switch (Modular type) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.	6	Nos.	400	2400
1f		f) Ceiling fan point (rate should include electronic fan speed regulator)	1	Nos.	750	750
2	16 AMP. POWER POINTS:(including circuit wiring)	Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No. six pin 6/16 Amp. Multi Socket (Modular Type) with cover plate , sheet steel box etc on surface / concealed manner l/c electrical wiring with 2 X 2.5 sqmm + 1 X 1.5 sqmm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board to destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.	18	Nos.	1600	28800
3	AC POINTS :(including circuit wiring)	Supply, Installation, Testing and commissioning of the surface / recess mounting distribution board with 20A/ 25A Modular Switch and socket incl. wiring with 2 X 2.5 sq mm + 1 X 2.5 sqmm PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.	11	Nos.	2700	29700

4	MAIN PANEL/VTPN(4 WAY)	Supply, installation , testing and commissioning of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 14swg and 16swg of CRCAM.S.sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and out side of the panel, bus-bar chamber ,outgoing switchgear etc (all feeder unit Would be compartmentalized), color coded PVC sleeved vertical / horizontal busbar of required size of length, (bus-bar distances shall be minimum 32 mm) insulators, hardware, neoprene gasket , hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A / sqmm of suitable capacity & size with lugs from busbar to switchgears / mcb / mcb or where ever required, two earthing terminal busbar of size 25 x 5 mm with nut & bolts at out side of the panel , rating and name plates for all incoming & outgoing , two eye two nos eye bolts,wire mesh jali for ventilation etc comprising with the followings. NOTE:- Sheet 16 swg : panel sides,upper,lower,and Ft.doors, Sheet 16 swg : back side and compartments, Glandplates : 3 mm thick., Cable entry : Provision at bottom and upper sides, Inside the panel : white colour paint, Outside the panel : Grey colour paint.or as directed. INCOMER: 1 Nos 160 Amp MCCB, 25 KA- 4 Pole,C-curve. 1 Nos – 100 A TPN insulated Copper Bus Bar. Set of Indicator Lamps, Set of Voltmeter + Ammeter+ Selector Switch. OUTGOINGS: 3Nos- 40 Amp TPMCB,C-curve. 1 No-63 A TPMCB,C-curve. 1 No-16 Amp TPMCB,C-curve for Glow Sign Board and external lights. COMPLETE SET.	1	Nos.	30000	30000
5	SFU TPN WITH HRC FUSES	SFU TPN 160 A with HRC fuses(just after meter and prior to Main Panel)	1	Nos.	5000	5000
6	LIGHT DISTRIBUTION BOARD	Supply, Installation, Testing and commissioning of the surface / recess mounting following way TPN MCB three phase distribution board for single phase outgoing with IP 42 protection (4 way TPN DB IP 42, Double door). INCOMER: 1 No. TPN-RCBO/ELMCB 40 Amp ,100 ma sensitivity, OUTGOINGS: 6-10 Nos SPMCB 6/10/16 Amp,C-Curve incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed. COMPLETE SET	2	Nos.	6000	12000
7	AC DISTRIBUTION BOARD	Supply, Installation, Testing and commissioning of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories. (4 way TPN DB IP 42, Double door). INCOMER: 1 No. TPMCB 63Amp ,C-curve. OUTGOINGS: 6-8 Nos SPMCB 16/25/32 Amp,C-curve incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed. COMPLETE SET	1	Nos.	6000	6000
8	UPS DISTRIBUTION BOARD	Supply, Installation, Testing and commissioning of the surface / recess mounting following way Double door MCB D.B. with IP 42 protection incl. the followings accessories – incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed. INCOMER: 1 no. 12way SPN DB, 1 no. 63 Amp TPN MCB, 1 no. 40 Amp SPN MCB. OUTCOMER-2 Nos- 40Amp SPN MCB. UPS DB outgoing: 1 no. 12way SPN DB, 1 no. 40Amp SPN MCB, 6-8 nos. 6/10/16amp SPMCB. COMPLETE SET.	2	Nos.	6000	12000
9	MASTER CONTROL SWITCH DISTRIBUTION BOARD	Supply, Installation, Testing and commissioning of the surface / recess mounting following way Double door MCB D.B. with IP 42 protection incl. the followings accessories – incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed. (4 WAY TPN DB IP 42, Double door). a) 1 no.160 Amp RCCB/ MCCB 4 Pole C curve (Between Meter and Main panel), Only supply to UPS and Signboard will remain on. b) 1 nos.40Amp MCCB 4 Pole C curve (For UPS output). UPS charging, Server and all security systems will only remain operational. COMPLETE SET.	1	Nos.	12000	12000
10	SPECIAL POINTS: (UPS any length(TO WORKSTATIONS)	Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X 2.5 sq mm + 1 X 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in rigid MMS grade PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed. (Switch to be provided above desk). 1 Nos. 16 A Switch + 3 Nos. 6/16 A, 5 pin Socket. (One Special point is to be provided for e-surveillance security panel)	23	Nos.	1600	36800
11a	EARTHING WORK	Preparation of the Earth station : (as per I.S. 3043-1987). a) Supplying and erecting earth pit of minimum bore dia. 150mm size , approved make Safe Earthing Electrode consisting Pipe-in-Pipe technology as per IS 3043-1987 made of corrosion free G.I. Pipes with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for effective and maintenance free earthing, with 3 mtr. G.I. Pipes having outer pipe dia of 50mm having 80-200 micron galvanizing, Inner pipe dia. of 25mm having 200-250 Micron galvanizing, connection terminal dia.of 12mm in nominal soil with 50 kg (Two Bag) Back filling Compound.	2	Nos.	10000	20000
11b		b) Supplying and laying 25 X 3 mm copper strip direct on wall/ in ground with screws and washer including soldering / welding etc if required.	3	Mtrs.	800	2400
11c		c) Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main panel board in 20 mm GI Pipe including all materials, accessories etc complete.	60	Mtrs.	180	10800
12a	L.T.CABLES	Supply,laying, testing and commissioning of the following 1100 volt grade flame proof pvc insulated Al / Cu. conductor armored cable inner and outer sheathed , along with the two run of G.I.earth wire i/c termination with brass gland and Al. lugs etc. complete as required. On surface : S/Fixing the cable on wall / column / beam / ceiling / above false ceiling / existing trench etc incl. s/f of of saddles / spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages. a) 4 C x 6.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for UPS Dual circuit (other than server).	100	Mtrs.	250	25000
12b		b) 4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for DBs/ Electric room /Ups room and ATM	100	Mtrs.	350	35000
12c		c) 4 C x 16.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire for Electric room /Ups room and ATM	0	Mtrs.	450	0
12d		d) 3.5 C X 70.0 sqmm. Al. Armored (with 10 SWG 2 Nos. G.I. wire) from ELECTRIC METER to MAIN PANEL	10	Mtrs.	350	3500
13a	TELEPHONE WIRING/ CABLING WORK	Supplying, Installation, testing and commissioning of the telephone point with the followings - Two pair, 0.61 mm dia. telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. HMS Pvc pipe on beam /column / wall / flooretc with all necessary materials i/c connections, identification by numbering etc complete as required as per I.T.D. specification. a) Double outlet with shutter modular type Telephone Outlets (RJ – 11) with suitable size PVC modular boxes with wiring complete as required .	0	Nos.	600	0
13b		b) Single outlet with shutter modular type Telephone Outlets (RJ – 11) with suitable size PVC modular boxes with wiring complete as required .	1	Nos.	500	500
13c		c) Providing and fixing 50pair KRONE make telephone tag block with 20 pair module with termination and crimping complete and making good the surface as required/ directed.	1	Nos.	1500	1500

13d		d) Providing and fixing 10 pair armoured tinned copper telephone cable in 32 mm PVC conduit from telephone utility junction box	10	Mtrs.	200	2000
14a		COMPUTER POINT : 1 / O's : Supplying, Installation, testing and commissioning of the Computer point with the followings - (D-Link or equivalent). Four pair STP CAT 6 LAN cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. (from server room switch to I/O outlet). HMS Pvc Pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per At & T specification. a) Single outlet with shutter modular type 1 / O's Outlets (RJ – 45) with suitable size PVC modular boxes complete as required (two points should be provided for ATM as applicable.)	20	Nos.	1000	20000
	DATA CABLING WORKS					
14b		b) Supply and Installation of following factory fabricated patch cords (STP-CAT 6) complete with connectors and boots on both sides. (Two Meter length)	17	Nos.	350	5950
14c		c) 15U Rack 3 side open	0	Nos.	12000	0
14d		d) 9U Rack 3 side open	1	Nos.	7000	7000
14e		e) 16-part Cat6 unshielded wallmount or Rackmount Patch Panel	1	Nos.	4000	4000
14f		f) Patch cord Cat-6, 1 meter B/Y color	17	Nos.	200	3400
15a	LIGHT FITTINGS	Supply, fixing, testing and commissioning of Recess/Surface mounted decorative luminaire with LED FIXTURES with class I electrical safety, complete as required Fitting Dimensions : a) 18-30 watts,Minimum 2800 lumens LED size 600X600(Approx.) : CRI>80,PF>0.9 Equivalent Model: Philips RC 380 (LED 'FULLGLOW' series)	46	Nos.	1500	69000
15b		b) 10-12 w ,Minimum 1000 lumens LED ROUND DOWN LIGHTER Diameter 110-165mm,CRI>80,PF>0.9 Equivalent Model: Philips 10 S DN 097B/092B (GREEN LED Ultima series)	58	Nos.	600	34800
15c		c) 18-20 w led batten Light of 4'-0" LENGTH min. 1900/2000 Lumens	15	Nos.	350	5250
15d		d) LED COB Light: 6-8 w ,Minimum 500 lumens LED COB light with CCT of 3000K . Model: Philips Sky COB or equivalent	0	Nos.	900	0
16	WALL BRACKET FAN (METAL)	Supply and fixing of Metal wall bracket fan white (400mm blade size)	17	Nos.	3000	51000
17a	CEILING FAN	Supply and fixing of 5 star BEE rated Ceiling fan of below details. a) Supply and fixing of CEILING FAN 1200 MM Sweep	1	Nos.	3000	3000
17b		b) Supply and fixing of CEILING FAN 900 MM Sweep	0	Nos.	2500	0
18	EXHAUST FAN	Supply and fixing of the following single phase Exhaust Fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound level etc. Supplying & fixing of 300 dia Metal Exhaust fans	4	Nos.	2000	8000
19	STABILIZERS FOR AC	SITC of Stabilizers "V-Guard" Make suitable for 1/1.5 tr /2 tr load	0	Nos.	2,500.00	-
20	DIGITAL TIMER FOR AC	SITC OF digital timer with 4/ 8 hr option suitable for 1.0tr/ 1.5 tr/2 tr load split AC	0	Nos.	2,500.00	-
21a	AIR CONDITIONING WORK (LOW SIDE WORK ONLY)	Low side work of Air Conditioner supplied by Bank as mentioned below. a) Supplying & Laying suitable Copper refrigerant piping with all required material.	0	Mtrs	1,000.00	-
21b		b) Supplying & Laying suitable PVC Drain piping with all required material.	0	Mtrs	90.00	-
21c		c) Supplying & Laying of power cable from indoor to outdoor suitable for 1.5 tr /2 tr load/AC	0	Mtrs	150.00	-
21d		d) Supplying & Fixing suitable MS Stand with Cage with locking arrangement for 1.0tr/ 1.5 tr/2 tr AC outdoor	0	No.	1,200.00	-
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