

BOQ FOR INTERIOR FURNISHING , ELECTRICAL & ALLIED WORKS at STATE BANK OF INDIA , AT 9TH FLOOR, AIPL MASTERPIECE, SECTOR-62, GOLF COURSE ROAD, GURUGRAM, HARYANA					
S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
	FURNISHING WORK				
1.0	FALSE CEILING				
1.1	Providing and fixing suspended false ceiling in Glass Fiber Reinforced Gypsum board. Gypsum board suspended ceiling shall comprise of providing and fixing G.I. perimeter channel (MF-6A) of size 0.50mm thick having one flange of 19.6mm and another flange shall be of size 29.6mm and a web of 26.6mm along with perimeter of ceiling, screw fixed to the beam for the required curvature with nylon sleeves and screws are not exceeding 610mm centers. Then suspending G.I. intermediate channel (MF-7) of size 45mm, 0.9mm thick with two flanges of 15mm each bent to the required curvature by cutting both of its flanges. Suitable bracing to be provided where ever the flanges are cut with 0.9mm G.I. Flat and nuts and bolts at specific positions and thereafter at 1220mm centers with ceiling angle of width 25mm x 10mm x 0.50mm thick fixed to the soffit with G.I. cleats and steel expansion fasteners. Ceiling section (MF-5) of 0.50mm thickness having knurled web of 51.5mm and two flanges of 25.6mm each with lips of 10.5mm bent to the required profile by cutting both its flanges. Suitable bracing to be provided wherever the flanges are cut with 0.50mm flats.				
	Steel screws, are then fixed to the intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel at 457mm centres. 12.5mm tapered edge Glass Fiber Reinforced Gypsum board (conforming to IS-2095-1982) is then screw fixed to ceiling section with 25mm drywall screws at 230mm centres. Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment. The boards are to be jointed and finished which includes filling and finishing the tapered and square edges of the boards with jointing compound and fiber tape suitable for Gypsum board. A layer up to of 3.00mm thickness of Veneer Plaster is applied followed by two coats of topcoat (primer) at the face of board to give smooth seamless finish. 2 or more coats of plastic emulsion paint (roller finish) of approved shade and make shall be applied. The item includes making all necessary cut outs & frame work for electrical fixtures / air conditioning work coves etc. Shall have edge groove details and cove lighting				
	Rectifying all defects and cracks formed during the construction period before handing over the work complete. The rates shall include for necessary supports, scaffolding and labor. All as per drawing, approval and instructions of the architect / employer. Note: - Horizontal surface shall be measured for the purpose of payment.	Sq.Mtr.	958.00	1273	1219534.00

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1.2	Providing & fixing false ceiling at all heights with GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 295x1195 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC0.50 to 0.75 as per IS 8225:1987, Noncombustible as per BS 476 (part 4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanized iron section of 0.33mm thick Silhouette Profile, rotary stitched single webbed white with 6mm reveal profile (Black), (galvanized @120gsm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 300 mm and to form grid module of size 300x 1200 mm, suspended from ceiling using galvanized mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod up to 1000 mm length fixed at every 1200x300mm with L-shape level adjuster of size 85x25x2 mm. Galvanized iron perimeter wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40 mm long dry wall wood screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge. Make:- Dimond or Equivalent				
i	With semi perforated 12 mm thick micro Tegular edged GRG false ceiling tiles with SILHOUTTE Profile T Grid System.	Sq.Mtr.	67	2260	151420.00
1.3	Providing and fixing Wooden False ceiling made of GI framework with specification same as Item No. 1.1 hanged from RCC ceiling with proper MS hangers. 12mm thick EDHMR ply is then fixed to ceiling section clad with 3.5mm thick veneer ply (Basic Rate Rs. 1300/- Sq.m) of approved design finished on to the framework . Screw fixing shall be done mechanically either with screw driver or drilling machine with suitable attachment. Veneer finished with two or more coats of PU polish over one coat of sealer. All complete as per approval of the Architect / Engineer.	Sq.Mtr.	5.00	3750	18750.00
1.4	Providing and fixing printed / plain white Stretch ceiling (Basic Rate Rs. 7000/- Sq.m) of Euroceil or approved equivalent make of white colour comprising aluminium channels and PVC translucent membrane with PVC gripper, the stretch ceiling having back lighting with LED modules of OSRAM or approved equivalent make of mutiple strips with compatible drivers including supporting wooden box and frames, cutouts etc. all complete as per drawings, specifications and directions of EIC/ Architect.	Sq.Mtr.	25.00	9500	237500.00
1.5	Providing and fixing of BAFFLE CEILING system which consists of approved colour consisting of Baffle 50mm wide X 100mm Height X 0.6mm thick square edge baffle having a length upto 4 mtr., coil coated (chromatised for maximum bond between metal and paint, enamelled twice under high temperature, visible side with a full primer and finish coat, the inner side with a primer coating and skin coat on a continuous paint line) corrosion resistant minimum alloy for higher strength.	Sq.Mtr.	41.00	7000.00	287000.00

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	The baffle shall be bolted on to a U10 top & bottom cover, which will be fixed on to L-shaped galvanised steel angle. The baffle shall be fixed in a module of 100-150mm as per architects specifications. The L shaped galvanised angle is spaced at a centre to centre distance 1200mm. The L-shaped galvanised angle is suspended by means of suspension angle and anchor fasteners at a centre to centre distance of 1200mm. Baffle ceiling should be of extruded aluminium section of armstrong, unistone, durlum or equivalent. It should be uniformly distributed at a maximum spacing of 150 mm c/c and finish shall be wood grain finish(red oak or cherry) or any other colour/finish as per architect's instruction and client's requirement.				
	MAKE- HUNTER DOUGLASS, ARMSTRONG, SAINT GOBAIN, DURLUM, ADVANCE				
1.6	READYMADE ACCESS PANEL DOOR/ TRAP DOOR				
	Supply of Greenpro certified Lightweight Aluminium Access Ceiling Trapdoor with continuous aluminium hinge . The Trapdoor to be able to carry 10mm Painted MDF Board / Painted Partical Board / Painted marine Ply / Prelaminated Board / painted bison board or calcium silicate board as per the requirement to match the ceiling finish with minimum visible flange. Fixed to soffit of slab and / or ceiling frame with appropriate strong support. The lid to be connected with trap door frame with 1 or 2 Chain with each trap door and locked with 1 or 2 allen keys. The Ceiling Trapdoor may have one or more openable Lid/Door depending upon the size of trapdoor. Collar depth of 20mm and flange of 3mm on both sides. All complete as per approval of architect/ Engineer in Charge. Make : IQUBX CTD-023H OR equivalent				
i	900 x 1800 mm	No.	3	29000	87000.00
ii	1500 x 2000 mm	No.	3	48000	144000.00
	NOTE:- • False ceiling design can be stepped / curved / architectural design etc however only plan / horizontal surface shall be measured for the purpose of payment.				
	• Ceiling shall be hung from the existing slab through hanger's. Rate quoted in the tender shall be applicable for all floor levels/ all floor height including scaffolding, etc complete. The rate of falseceiling items also includes 6 mm ply backing for supporting light fixtures in the false ceiling.				
	FALSE CEILING TOTAL	:			2145204.00
II	PARTITIONS & PANELLING WORK				
2.1	Providing and erecting in position modular full height fully glazed partition in silver or coloured Anodized Aluminium Modular Glass Partition using standard track sections of size 54 mm x 25 mm, profile of at top, bottom and sides as per manufacturer's specifications to comply with the standard partition suite design including single glazed 12 mm thick clear toughened glass of Saint Gobain/ Asahi or approved equivalent make to be fixed	Sq.m	68	9000	612000.00

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	in the centre of the track section with sound insulation of minimum of 32 dB, glass to glass I, T, L joint and connectors, sealing of glazed partition panels (glasses) with silicone sealant on all sides, fixing designer decorative frosted film of approved make, shade & design on the glass, single door frame of size to allow upto 35 mm thick door of any type i.e. solid flush door or glazed door as per directions and upto any desired height, floor spring of approved make for the door, SS handle 600 mm long, standard assessories, necessary fittings, fixtures, hardware, glass bottom lock, flush hinges, cover profile, skirting, gaskets etc. as per manufacturers recommendations & standards, repair of floors if damaged during fixing of partition, door etc. all complete as per drawings, specifications and directions of EIC.				
	Make-Kubik- Kwentha 54 series, Dorma- Alexa Series, ozone- HANA, Alkom or approved equivalent make				
b	Providing and fixing 12mm thick frame less Toughened glass full height door/partition fixed to the floor / wall / false ceiling with frame less spider patch fittings including all necessary hardware & accessories. Exposed edges of glass shall be machine cut & polished. Cost includes cutting and making good the floor, walls, ceiling etc. for patch fittings. All complete as per approval of the Engineer-in-charge / Architect.	Sq.Mtr.	34	10000	340000.00
	Make-(Doorma/ Hettich/ Ozone)				
2.2	Providing and fixing 1.5 mm thick Aluminium frame work for partitions, panelling @ 600 x 600 mm c/c both ways and additionally at openings or ends as required including joining the sections by Aluminium angle cleats, fixing the frames to wall, floor & ceiling with suitable aluminium angles and fastening with steel screws etc. all complete as per Architectural drawings, specifications and directions of EIC.				
i)	50mm x 50mm Alluminium sections (Section no. 14525) 1.50 thick of JINDAL/ INDAL	Sq.m	481	1500	721500.00
ii)	50.80mm x 25.40mm Alluminium sections (Section no. 14011) 1.50 thick of JINDAL/ INDAL	Sq.m	400	1250	500000.00
2.3	PLYWOOD				
	Providing and fixing partition ply lining of approved make with necessary screws/nuts and bolts/nails including a coat of approved primer on one face and fixed on wooden /steel/ aluminium frame work all complete as per drawings, specifications and direction of Engineer-in-charge. Note: Frame work shall be paid for separately.				
	MAKE- GREENPLY, ARCHID,ACTION TESA, CENTURY OR EQUIVALENT				
i)	12mm thick HDMR HDF Grade I	Sq.m	1361	1350	1837350.00
ii)	6mm thick HDMR HDF Grade I	Sq.m	25	750	18750.00
iii)	6mm thick MDF ply	Sq.m	57	500	28500.00
iv)	18mm thick HDMR HDF Grade I	Sq.m	24	1500	36000.00

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2.4	Providing and doing infil of Knauf Glass fiber thermal insulation, Accoustic slab ultimate 48 Kg/m3 & 50mm thick with Ecosse Technology complying with ASTM C 612, tYPE 1A OR 1B ; Insulation, Sound Sbsorption Coefficient 1.00 and R Value 1.61 m2K/W in partition framework, wall panelling, ceiling etc. All as per drawing, approval and instructions of the Architect / Engineer-in-charge.	Sq.m	481	850	408850.00
2.5	3.5MM THICK VENEER PLY				
	Providing and fixing 3.5mm thick veneer of approved shade over existing ply / HDF /MDF etc. with groove pattern as per drawing . Veneer finished with two or more coats of PU polish over one coat of sealer as per instructions of Architect / Engineer-in-Charge.				
i)	American Red / White Oak/ White Ash veneer (Basic price - Rs. 1300/ SQM)	Sq.m	420	4500	1890000.00
ii)	American Red / White Oak/ White Ash veneer with digonal grains (Basic price - Rs. 3000/ SQM)	Sq.m	7	6300	44100.00
iii)	Fluted veneer (Basic price - Rs. 3500/ SQM)	Sq.m	14	7200	100800.00
	MAKE- MIKASA, GREENLAM, DURO, CENTURY OR EQUIVALENT				
2.6	LAMINATE				
	Providing and fixing laminate of approved make as per approved colour and texture, laminate to be fixed on ply/ board with fevicol and other fixing compounds all complete as per design/ details and directions of EIC. MAKE- MIKASA, GREENLAM, ARCHIDLAM, ADVANCE				
i)	1.0 mm Thick premium laminate selected as per design & drawing. (Basic price of laminate - Rs.550/ Sqm)	Sq.m	981	1000	981000.00
ii)	1.25 mm/ 1.5mm Thick premium laminate in selected flute or other design as per drawing selection of EIC/ Architect (Basic price of laminate - Rs. 850/ Sqm)	Sq.m	28	1400	39200.00
	Decorative wall panel				
2.7	Providing and fixing pre finished flute panels of approved make,colour and texture (Basic Rate Rs. 2500/- Sq.m) fixed on partition , panelling , ceiling as per approval & durement of architect/ engineer in charge. MAKE- VENTURA, ADVANCE OR EQUIVALENT	Sq.m	22.00	3250	71500.00
2.8	Providing & fixing of 3 mm Designer finished backlit decorative panels board of approved design on ply and frame as per design. Item includes provision of LED strip lights @ 75mm center to center placed in a wooden box as per details complete satisfaction of the Engineer in charge/ Architect. (Basic price of Decorative board Rs 3000 / Sqm) Make- Ultimo (estilo series) or equivalent	Sq.m	7	4500	31500.00
2.9	LAQUERED GLASS				
	Providing and fixing of 6mm thick toughened planilaque lacquered glass extra white/ coloured with ss edge protection in ss 316 grade. Sample to be submitted from all the approved make for approval of engineer in charge prior to the installation. MTC to be submitted with the delivery of material. MAKE- Saint Gobain OR Equivalent	Sq.m	25	3000	75000.00

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2.10	Providing and fixing 12mm /15 mm thick MDF with CNC cut Jalli design as per approval finished with DUCO paint. Item includes steam beach wood frame of size 75mm x40mm all around finished with pu polish. All complete as per instructions of architect / engineer -in- charge.	Sq.m	6	6500	39000.00
2.11	METAL JALLI WITH CNC CUTTING				
	Providing & fixing 6-8 MM Metal CNC cut jali as per design/ details with Rose gold electroplating with Steam beech wooden frame (size 75 x 50 MM) all around with melamine polish all complete as per direction of EIC/ Architect. Make :- Aludecore, ALEX or Equivalent	Sq.m	112	4500	504000.00
2.12	Providing and fixing 12 mm Soft Board (Make: Sitatex or equivalent) over partition/ Wall framing alongwith side Aluminium 12 mm channel edge profile covered with pin up fabric covering exposed sides and fixed to wall/ partition complete (Fabric base rate: Rs 300/ M). Sample to be submitted from all the approved make or equivalent for approval of engineer in charge prior to the installation.	Sq.m	15	3500	52500.00
2.13	Acoustical Wall Panel with square edges made of fibre glass substrate 25mm thick, wrapped on the front side with an acoustically transparent fabric as per the approved shade (Husk, Copper, Sangria, Sesame, Coffee, Charcoal, Titanium, Flame, Peanut and Shell). The panel shall be classified for Fire Class A, as per ASTM E-84. The Acoustical Wall Panel shall be of sizes 600x600mm (Nominal) or 600x1200mm (Nominal) and shall achieve an NRC of 0.85 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) with 50mm airgap as per ASTM C423 to be fixed to wall on a framework of wooden battens and using Wall panel Impalers (supplied by the manufacturer) or by using construction adhesives (as per the instructions laid down by the manufacturer). The fibre glass substrate shall have a recycle content of 85%. size 600 x 600/1200MM. All complete as per approval & instructions of the Architect/ engineer in charge.	Sq.m	14	4850	67900.00
2.14	Providing and fixing 10mm thick toughened glass fixed on the existing wall panelling / partition / wall etc. Item includes Gurugram heritage coloured printing on glass film as per approval of SBI. All complete as per approval & instructions of the Architect/ engineer in charge.	Sq.m	8.5	9500	80750.00
2.15	DESIGNER PRINTED FROSTED FILM				
i)	Providing and fixing digital printed frosted designer glass film of 3M or equivalent(Basic rate Rs. 1100/- Sqm) self adhesive, translucent, special effects film (Fluted design, Frosted Crystal, Sand Blasted Look, Cat. No. 7725-324) over the already available glass surface, including cost of all material, labour, tools, tackles, transportation, taxes etc. complete as per the direction of Engineer-in-Charge/ Architect.	Sq.m	10	1400	14000.00
ii)	Providing and fixing 3M vinyl film company matter printed as per directions and design of Architect / EIC. (Basic rate 2000/- Sqm)	Sq.m	53	2500	132500.00

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	Note For Item No. 2.1, 2.2, 2.3, 2.4, 2.5 ,2.6, 2.7, 2.8, 2.9, 2.10, 2.11, 2.12, 2.13, 2.14 & 2.15: - For the purpose of payment partition shall be measured including the area of door / door frames up to false ceiling height.				
a)	Framework shall be rigidly secured to floor, bottom of slab & existing walls at 600mm c/c with dash fasteners.				
b)	For All Full height partitions (Toughned Glass, Solid, Partly Glazed) framework and ply shall be provided up to the bottom of slab. The item also includes scaffolding for maximum height upto 4000 mm from floor etc complete				
c)	Center to center spacing may vary to make provision for fixing dado rail / to adjust the level of glass or for fixing counter / storage units or otherwise as per site requirement.				
d)	No extra payment shall be made for reduction in framework, opening as indicated in the drawing or as instructed by the Engineer-in-charge. Framework shall be rigidly secured to floor, walls and ceiling by dash fasteners etc. at maximum 600mm c/c.				
2.0	PARTITION WORK	TOTAL	:		8626700.00
3.0	DOORS / WINDOW				
3.1	STEAM BEECH WOOD for DOOR FRAMES & DECORATIVE PANELS				
	Providing Steam Beech wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with iron screws, plugs, dash fastner etc. Item includes providing & aplying two or more coats of PU polish of approved shade over one or more coats of sealer, including sand papering etc. complete in all respect as per direction of Engineer-in-charge / Architect.	Cu.m	1	122000	122000.00
3.2	Providing and fixing Steam Beech wood moulded beading fixed with iron screws, plugs etc. Item includes providing & aplying two or more coats of PU polish of approved shade over one or more coat of sealer , including sand papering etc. complete in all respect as per direction of Engineer-in-charge / Architect.				
i)	Steam Beech Wood Moulding(75mm x 25mm)	Meter	130.00	550.00	71500.00
ii)	Steam Beech Wood Moulding(37mm x 25mm)	Meter	50.00	450.00	22500.00
3.3	Providing and fixing in position flush door shutter as per following specifications:				
	32mm thick Phenol formaldehyde bonded and borer proof flush door shutter as per IS: 2202 (part I) solid block core type having exterior grade 8 mm thick commercial ply, on both faces of shutter. Shutter finished in 3.5mm thick Veneer on both sides (of approved shade). All edges of shutter sealed with steam beech wood edging slip of finished section 34mm x 6mm approx. on all sides. Wood protected with PU polishing. Heavy-duty SS ball bearing butt hinges 102 x 76 x 3 mm Ref. Hafele article No. 926.32.160 (4 Nos. per shutter) with screws.				

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	The item inclusive mortise handle & lock, concealed door closer, door stopper. All complete as per approval and instructions of the Engineer incharge / Architect.				
a)	Finished with 3.5mm thick veneer of approved shade on both side with groove pattern as per instructions of architect / engineer -in- charge.	Sq.m	12	8500	102000.00
3.4	FIRE DOORS - providing and fixing with all frame, panic bar, and accessories as below.				
	Providing and fixing of Hollow metal fire rated doors as per IS 3614. Pressed Galvanized steel with the following specification. Recommended fire door should have been tested earlier of similar design at CBRI for maximum rating of 2hrs. Individual Test certificates should also be provided. Doors should be finished in Thermo setting Powder Coating desired RAL Shades. Approved manufacturer Navair / Shakti Harmann or equivalent subject to architect's approval. And should be ISO Certified company. Door frame shall be double rebate profile of minimum size 153mm x 77mm made out of 1.50mm minimum thick galvanized steel sheet. Frames shall be Butt jointed and field assembled with self bolted. The frames should be finished with Thermo setting Powder Coating in desired Shade. All provision should be mortised, drilled and tapped for receiving appropriate hardware. Frames should be provided with back plate bracket and anchor fasteners for installation on a finished plastered masonry wall opening. Door leaf shall be minimum 46mm thick fully flush single skin door with vision lite. Door leaf shall be manufactured from 1.0mm minimum thick galvanised steel sheet. The internal construction of the door should be rigid reinforcement pads for receiving appropriate hardware. The infill material shall be Rock wool treated with Viper FRS881LH. All doors shall be factory prepped for receiving appropriate hardware and provided with necessary reinforcement for hinges, locks, and door closers.				
	The edges should be inter locked with abending radius of 1.4mm. For pair of doors astragals has to be provided on the meeting stile for both active and inactive leaf. Vision lite wherever applicable should be provided as per manufacturers recommendation with a beeding and screws from inside. However the glass should be contraflam Door Lite 11mm clear 120 min fire rated and partially insulated (EW120), Non Wired Toughened, interlatered glass having a sound reduction and Impact Resistance as per EN12600 standard from Saint Gobain. All doors and frames shall be finished with Powder coating in desired Regular Shades.				
	VISION PANEL				
	Providing & fixing of Contra flam Door Lite 11mm thick, 120 min fire rated (EW120) clear, Non Wired Toughened Inter layer edglass with a light transmission of 86% and a sound reduction and is to be used as vision panel including cost of fire rated ceramic tape and moulding / beading all complete. NOTE : THE MINIMUM SIZE OF VISION PANEL SHOULD BE 220 x 370mm.	Sq.Mtr.	5.00	16500.00	82500.00
3.0	DOORS / WINDOW TOTAL	:			400500.00

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4.0	WORKING COUNTERS / TABLES				
4.1	Providing and placing the tables as per drawing and the following specification : Table top made out of 18mm thick EDHMR board (Double Layer 18+18mm). Top finished with 3.5mm thick veneer /1.0mm thick laminate of approved shade as mentioned below.				
	Item includes 10mm thick clear float Glass on the table top with all beveled edges machine cut & polished. Bracing panel, sides made of 18mm thick EDHMR board (double layer 18+18mm) finished with 3.5mm thick veneer /1.0mm thick laminate & 12mm thick flutes (Basic Rate Rs. 2000/- Sq.m). All exposed edge of board shall be finished with the steam beech wood edging.Top supported on side credenza and drawer unit as per detail drawing. Each table shall be provided with 1 No. grommet, 1 No. CPU Trolley, 1 No. footrest, 1 No. prefabricated computer key board tray including drawer slides 12.5" x 22" tray with 14" telescopic slides including L-brackets for securing to the table top. Side credenza made out of 18mm thick EDHMR board and finished with 3.5mm thick veneer/1.0mm thick laminate of approved shade.				
	Drawers Base, Back & sides @ 12mm thick EDHMR ply. Front @ double layer, inside of 12mm thick ply, outside 18mm thick EDHMR board. All external surfaces shall be finished with 3.5mm thick veneer / 1.0mm thick laminate of approved shade and all internal surfaces shall be finished with 0.8 mm thick laminate. All drawers shall run on drawer slides.				
	All exposed edge finished with the edges steam beech wood edging. All veneer & woodwork to be PU polished and all non laminated surfaces to be finished with two or more coats of spirit polish. All complete including lock, auto- closing hinges, 6" long S.S. handles, studs for adjustable shelving etc.				
a)	DGM TABLE T1 2400mm x 1050mm x 750mm high with side credenza 1650mm x 450mm x 712mm & drawer unit 450mm x 600mm. Finished with 3.5mm thick veneer	Nos.	1.00	85000	85000.00
b)	AGM TABLE T2 1800mm x 900mm x 750mm high with side credenza 1450mm x 450mm x 712mm & drawer unit 450mm x 600mm. Finished with laminate	Nos.	5.00	45000	225000.00
c)	CM/ OFF TABLE T3 1500mm x 750mm x 750mm high with side credenza 1350mm x 450mm x 712mm & drawer unit 450mm x 600mm. Finished with laminate	Nos.	24.00	37500	900000.00
4.2	Providing and fixing 450mm/600mm wide working counter as per following size and specification. Working top made out of made out of 18mm thick EDHMR board (double layer 18+18mm) top side finished with 1.0mm thick laminate (basic rate of laminate Rs. 1250/- per sheet) of approved shade & counter side with 0.8mm thick laminate. Front edge of the counter finished with 2mm thick PVC edge banding tape of matching colour of laminate. Top fixed to the solid partition / wall with MS brackets/ MS Frame as per design. Vertical support of 18mm thick EDHMR board finished with 0.8mm thick laminate shall be provided at every 1200mm aprox. distance below counter. All non laminate surface to be enamel painted.				

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	Item includes readymade metal powder coated CPU trolley, grommet for every 8 sq.ft area, Keyboard pull out tray made of 0.7 mm thick CRCA steel duly powder coated, of minimum thickness 45micron, with metallic roller slides (Telsopic channels Ref Hettich Article No. 9193319) on both sides and shall be fixed to the bottom of worktop surface with the help of screws. Drawer unit made out of 18mm thick EDHMR board having 2No's drawers at top and one no. openable shutter below.				
	Drawers Base, Back & sides @ 12mm thick EDHMR ply Front @ double layer, 12mm thick EDHMR ply. All drawers shall run on hydraulic drawer slides. Top drawer shall have partitions as per requirement made of 6mm thick EDHMR ply. Item Includes auto closing hinges, lock, 150mm long S.S. brush finish handles. All exposed edge finished with 2mm thick PVC edge banding tape. All surfaces exposed to view shall be finished with 1.0mm thick laminate (Basic rate of laminate Rs. 1250/- per sheet). All internal surfaces, under counter top shall be finished with 0.8mm thick laminate. All complete as per drawing, approval and instructions of the Architect / Employer.				
a)	L-Shape workstation Size 1500mm x 2200mm x 750mm with 2 No's pedestals (Drawer units).	No's	1	30500	30500.00
b)	L-Shape workstation Size 1500mm x 1500mm x 750mm with Drawer unit.	No's	5	28500	142500.00
c)	600 wide linear workstation with 1 No pedestal (Drawer unit) for every 8 SQM Area.	Sq.M	3	13500	40500.00
d)	600 wide linear counter without pedestal	Sq.M	2	7500	15000.00
4.3	Providing and placing Meeting / lunch Table of following size & specification :- Top made of 18mm thick EDHMR board (double layer 18+18mm) over frame work finished with 12mm thick Corian & 3.5 mm thick veneer (basic rate of veneer Rs. 3000/ Sq.m) of approved shade. Bottom side of table top shall be closed with 6mm thick EDHMR ply finished with 0.8mm thick laminate. All exposed edges sealed with steam beech wood moulding of size 2 ½" x 1 ½". Leg supports @ 1000-1200mm c/c spacing made of 18mm thick EDHMR ply board (double layer) finished with 3.5mm thick veneer. Bracing panel made of 18mm thick EDHMR board (double layer) cut to shape finished with 1.0mm thick laminate of approved shade. All exposed edges of board shall be finished with steam beech wood edging. All wood work / veneer to be protected with PU polish. Item includes of necessary cut outs, provisions for video/ teleconferencing, providing and fixing in position cable & wire managers as pop-up managers / cable cubby in desired number, necessary hardware, cabling arrangements for vide/ tele conferencing, openings/ cut outs for speakers etc.. All complete as per drawing and approval of Employer/ Architect. Top area at the centre of the table shall be measured for the purpose of payment.				
i	Conference Table of size 8300 x 1650 x 750 mm	Sq.m	14	22500	315000.00
ii	Lunch table (Executive) 2700X 1050X750 mm	Sq.m	3	22500	67500.00

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4.4	Providing and placing Discussion table (D shape) of radius 1050mm & 750mm high with following specification:- Top made of 18mm thick EDHMR board (double layer 18+18mm) over frame work finished with 3.5 mm thick veneer (basic rate of veneer Rs. 3000/ Sq.m) of approved shade. Bottom side of table top shall be finished with 0.8mm thick laminate. All exposed edges sealed with steam beech wood moulding of size 65mm x 37mm. Base made made of frame work clad with 6mm thick flexiply and 18mm thick EDHMR Board finished with 3.5mm thick fluted veneer. All exposed edges of board shall be finished with steam beech wood edging. All wood work / veneer to be protected with PU polish over two or more coats of sealer. Item includes of necessary cut outs, provisions for video/ teleconferencing, providing and fixing in position cable & wire managers as pop-up managers / cable cubby in desired number, necessary hardware, cabling arrangements for vide/ tele conferencing, openings/ cut outs for speakers etc.. All complete as per drawing and approval of Employer/ Architect.	Each	1	65000	65000.00
4.5	Providing and placing Meeting / Lunch Table of following size & specification :- Top made of 18mm thick EDHMR board (double layer 18+18mm) over frame work finished with 1.0 mm thick laminate (basic rate of laminate Rs. 900/ Sq.m) of approved shade. Bottom side of table top shall be closed with 6mm thick EDHMR ply finished with 0.8mm thick laminate. All exposed edges sealed with steam beech wood moulding of size 2 ½" x 1 ½". Leg supports @ 1000-1200mm c/c spacing made of 18mm thick EDHMR ply board (double layer) finished with 1.0mm thick Laminate. Bracing panel made of 18mm thick EDHMR board (double layer) cut to shape finished with 1.25mm/ 1.5mm thick laminate of approved shade. All exposed edges of board shall be finished with steam beech wood edging. All wood work / veneer to be protected with PU polish. Item includes of necessary cut outs, provisions for video/ teleconferencing, providing and fixing in position cable & wire managers as pop-up managers / cable cubby in desired number, necessary hardware, cabling arrangements for vide/ tele conferencing, openings/ cut outs for speakers etc.. All complete as per drawing and approval of Employer/ Architect.				
i	Meeting Table of size 2700 x 1050 x 750	Each	1	65000	65000.00
ii	Lunch table (STAFF) 1500X 750X 750	Each	5	26500	132500.00
iii	Lunch table (STAFF) 750X 750X 750	Each	1	14500	14500.00
4.6	Providing, Supplying and placing 900mm (Dia) x 750mm H. discussion Table in Circular Shape made of 18mm thick EDHMR board. Top finished with 1.0mm thick laminate of approved shade. Base made made of frame work clad with 6mm thick flexiply finished with bendable / flexible flutes as per approval. All exposed edges of board shall be finished with steam beech wood edging. All wood work / veneer to be protected with PU polish. All complete as per drawing and approval of Employer/ Architect.	Each	1.00	16500	16500.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
4.7	Providing and fixing notice board size 900mm x 1200mm approx. or as required / directed with open able shutter on the front. Made out of 18mm thick EDHMR board frame and outer frame in 65 x 37mm Steam beech wood section, concealed hinges, locking arrangement, glass of (5.5mm thick) with rear panel of SITATEX board, covered with fabric of approved shade. (Basic rate Rs. 150/- per mtr, 48" width) fixed to back ply 6mm thick. All complete including melamine polish in stain of required shade. All complete as per design and approval of the Architect / employer.	Each	2.00	7500	15000.00
4.8	Providing and fixing poster frame made of 4mm thick acrylic sheet (2 No's) sandwich together fixed with SS studs and all necessary accessories complete in all respect. Item includes the writtem matter as per bank requirement and approval.	Each	10.00	10500	105000.00
4.0	WORKING COUNTERS/ TABLES TOTAL :				2234500.00
5.0	STORAGE				
5.1	Providing and fixing 400mm deep low ht. Storage with following specification: - Outer framework i.e. top, sides, shutters, shelving of 18mm thick EDHMR board. Back shall be of 8mm thick EDHMR ply.				
	Storage top shall be finished as mentioned below. All internal surfaces shall be finished with 0.8mm thick laminate. Skirting shall be finished with 3.5mm thick veneer /1.0mm thick metallic laminate. All edges of the EDHMR board shall have Steam beech wood edging of 6mm x 19mm . All shutters shall be provided with lock (1 no. for two shutters), auto closing hydraulic hinges (2 nos. per shutter), brass catchers, 150mm long S.S. brush finish handles, 1 no. Intermediate shelf shall rest on studs for adjustable shelving etc. Woodwork protected with PU polish over two or more coats of sealer. Entire surfaces left without lamination to be finished with two or more coats of spirit polish. All complete as per drawing, approval and instructions of the Architect / employer.				
a	Storage finished with 3.5mm thick veneer of approved shade finished with PU Polish .	Sq.Mtr	18.00	10500	189000.00
b	Storage finished with 1.0mm thick laminate of approved shade.	Sq.Mtr	54.00	8500	459000.00
5.2	Providing and fixing full height storage 400mm deep, height & length as per site and following specifications:- Framework, Shutter, Shelving, skirting made of 18mm thick EDHMR board. Back shall be of 8mm thick EDHMR ply. Vertical partitions at 3'-0" approx. c/c. All exposed surfaces finished with 1.0mm thick laminate. All internal surfaces shall be finished with 0.8mm thick laminate. All edges of EDHMR board shall be sealed with steam beech wood lipping of 6mm x 19mm . Shutters shall be provided with aluminium louvers, lock (1 no. for two shutters) , auto closing Hydraulic hinges (4 nos. per shutter), 6" long S.S. brush finish handles, S.S. studs for adjustable shelving etc. Woodwork protected with melamine polish.				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
	Entire surfaces left without lamination to be finished with two or more coats of spirit polish. All complete as per drawing, approval and instructions of the Architect/ employer.				
a	5 No's. intermediate shelf @ 400 height (Approx.).	Sq.Mt.	26.00	8500	221000.00
5.3	Providing and fixing Pantry Counter storage with top finished with 18-20 mm thick prepolished granite of apprved shade(basic rate Rs. 2500/-Sq.m.) including making double edging , cutout for sink, edge polishing etc. complete				
	Outer framework, internal partition, shutters made of 18mm waterproof board. All internal surfaces finished with 0.8mm thick laminate and exposed surfaces finished with high gloss laminate of approved shade. All edges of the board shall have Steam beech wood edging of 6mm x 19mm . All shutters shall be provided with auto closing hydraulic hinges (2 nos. per shutter), 150/ 300mm long S.S. brush finish handles, All as per approval and instructions of the Architect/ employer.	Sq.Mtr.	8.00	9000	72000.00
5.4	Providing and fixing vanity below wash basin fixed to the walls, of size 600mm deep, 550mm high and length as per site with following specification.	Sq.mtr.	3.00	15000	45000.00
	Outer frame, shutter,drawer fronts, back made of 18mm the water proof HDF board. All external & internal surfaces shall be finished with 1.0mm thick laminate of approved shade. All edges of board shall be sealed with 2mm thick PVC edge banding of matching shade. Item includes telescope drawer slides, auto closing hinges, 100mm long stainless steel handles of approved make. All complete as per drawing approval and instruction of Architect/ Engineer-in-Charges.				
5.5	Providing and fixing full height display unit 400mm deep as per design. Outer framework made of 18mm thick EDHMR board and back shall be of 8mm thick ply. All surfaces internal & external finished with 3.5mm thick veneer ply. Shutter shall be partly glazed having 6mm thick clear float glass. All edges of the EDHMR board shall have Steam beech wood edging of 6mm x 18mm. All shutters shall be provided with lock (1 No. for two shutters), auto closing hydraulic hinges (2 Nos. per shutter). 150mm long S.S. brush finish handles. 7 No.	Sq.Mt.	4.00	10500	42000.00
	Intermediate shelf shall rest on studs for adjustable shelving etc. Shelves shall be provided with 17mm wide profile light as per design .All veneer and woodwork protected with PU polish. All complete as per drawing, approval and instructions of the Architect / employer.				
5.6	Providing and fixing genetor closet of size 900x 600mm x2100mm approx. with following specification.				
	Outer frame, shutter, shelf , back made of 18mm the water proof HDF board. All external & internal surfaces shall be finished with 1.0mm thick laminate of approved shade. All edges of board shall be sealed with 2mm thick PVC edge bonding of matching shade. Item includes auto closing hinges (4 Nos. per shutter), 150mm long stainless steel handles , lock eic. of approved make. All complete as per drawing approval and instruction of Architect/ Engineer-in-Charges.	Sq.mt.	1.00	8500	8500.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
	NOTE:- For Item no.. 5.1, 5.2 , 5.3 ,5.4,5.5 & 5.6 Front area shall be measured for the purpose of measurment. For hardware (Ref Hettich (1) Autoclosing hinges Artical No. 9281432 & 9281434				
5.0	STORAGES TOTAL	:			1036500.00
6.0	WALL FINISHING WORK				
6.1	Providing plaster of pairs punning 2mm to 5mm approx. thick (nominal) on walls, leveling and smooth finishing the surface including sand papering the old surface etc. The rates are inclusive of scaffolding staging etc. for any height and for plane as well as for architectural surface. All complete as per directions and approval of the Architect / employer.	Sq.M.	217.00	250	54250.00
6.2	Providing and applying two or more coats of plastic emulsion paint (roller finish) of approved make and shade as per the manufacturer's specifications to give a smooth surface including priming coat, scaffolding, cleaning, curing etc. complete as specification and as directed by the Architect / employer.	Sq.M.	217.00	220	47740.00
6.3	Providing and applying acrylic aggregate textured coating of Asian Textured & Special Effects Paint, Dulux Ambiance or equivalent approved in any shade and approved texture, (pebble, ripple, linea, marble, slate, special effects such as zig-zag, bloom, bubble, compact, rustik shade etc. or as approved) including base coat, upto any desired thickness, including making base to proper level & plumb, scrapping, cleaning etc. all complete as per specifications and directions of EIC.				
i)	Oikos Raffeallo Décor Stucco or equivalent (Basic price of paint - Rs.1600/ sqm)	Sq.M.	33.00	2000	66000.00
6.4	Providing and applying two or more coats of synthetic enamel paint of approved make and shade as per the manufacturer's specifications to give a smooth surface including scrapping and removing existing paint and preparing the surface with putty , providing priming coat etc. complete as specified and as directed by the Architect / employer.	Sq.M.	25.00	200	5000.00
6.5	Providing and applying two coats of Fire retardent paint FR881 unthinned on clean wood/ ply surfaces @ 3.5 sqm/ lire/ coat including preparation base surface as per manufacturer's specification and directions of EIC.	Sq.M.	10	300	3000.00
	Make- viper, Asian or equivalent				
6.6	VESCOM VINYL WALLCOVERING				
	Providing and fixing imported Vescom Contract Grade Vinyl Wallcovering consisting of textured vinyl surface laminated on woven cotton backing. Wallcovering shall be installed on properly prepared substrate using manufacturer-approved heavy-duty acrylic adhesive system. (basic rate of wall paper Rs. 1500/- Sq.m.). All complete as per approval and instructions of the Architect / Engineer-in- charge.	Sq.M	10.00	1650	16500.00
6.7	POLISH OVER WOOD / VENEER				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
i)	Providing and carrying out Melamine polishing on wood work including applying filler coat followed by stainer coat then min. two coats of sealer followed by min. 2 top coats, sand papering and finally polishing with cream, putting Matt spray all complete as per specifications and direction of EIC.	Sq.m	15	2500	37500.00
ii)	Providing and carrying out polyurathene (PU) polish (one or more coats) on veneer of wall cladding to provide glossy finish of required shade / finish including surface cleaning, sealer application ,smoothing with higher grit sand paper, desired polish application etc. all complete as per specifications and directions of EIC.	Sq.m	15	3250	48750.00
6.0	WALL FINISHING WORK TOTAL	:			278740.00
7.0	MISCELLANOUS WORK				
7.1	Providing and fixing wooden palmet of size 150mm x 250mm approx. made of 18mm thick MDF board finished with 1.0mm thick laminate of approved shade. All exposed edges shall be sealed with stem beech wood lipping. All surfaces without lamination shall be finished with two or more coats of spirit polish and woodwork to be finished with PU polish. All complete as per approval and instructions of IGL / Architect / Engineer-in-Charge	Meter	150.00	1850	277500.00
7.2	Providing, fixing and installation of roller blinds (Basic rate Rs. 2000/- per Sq.m) of MAC / Vista make or equivalent in approved finish of required shade complete in all respect. All complete as per approval and instructions of Engineer-in-Charge / Architect	Sq.m	713.00	2750	1960750.00
7.3	Providing and fixing signage plates of stainless steel sheet of thickness 18 SWG & grade 304 with names engraved in Hindi & English, etched in colour on it, in following sizes of all complete as per drawing, specifications and directions of EIC (The sample of name plate shall be got approved by EIC in advance before placing of order of signage plates).				
i)	Rectangular - 300 x 150	Nos.	20.00	2500	50000.00
ii)	Rectangular - 200 x 100	Nos.	35.00	1500	52500.00
iii)	Toilet signages with figures (Ladies/ Gents)	Nos.	5.00	1000	5000.00
7.4	FRP PLANTER- Providing and placing planters in gloosy/ Mat as per selected colour item includes regular indoors air purifying plants also includes Fillers and Top Dressing using LECA Balls / Pine Bark / American Pine Wood Mulch.				
a	Size - 600mm (H)x 450mm Dia.	No.	5	6600	33000.00
b	Size - 20" H x 15" Dia.	No.	10	4850	48500.00
c	Size - 18" H x 13" Dia.	No.	10	4330	43300.00
d	Rectangular box planter size - 24" L x 12" B x 12" H.	No.	10	4440	44400.00
e	Planters for Low height Storage - Size 10/12" H x 8" dia	No.	100	1600	160000.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
f	Artificial hanging creeper plant made from environmentally safe plastic, harmless and stable, plastic greenery garland keep fresh color without any care. Artificial Hanging creepers are perfect for any different style collocation. Artificial creepers is easy to bend for hanging and take down, put directly into the basket or inserted in the soft object, and also reduce maintenance costs while adding sense of nature to the areas.	No.	20	600	12000.00
7.6	Providing and placing wooden coat hangers stand as per selected design. (Basic price 5500/ each)	No	7	6500	45500.00
7.7	Providing and placing Magazine stand as per selected design. (Basic price 3500/ each)	No	2	4200	8400.00
7.8	Providing and fixing from ceiling Fire Exit both side Glow sign board (Basic price 1800/ each)	No	2	2500	5000.00
7.9	Providing and fixing SS LOGO of 450 mm dia. and Letters 75-80 MM height depth 25-30 MM Made of 304 grade stainless steel complete as per approval of Client / Architect	No	3	38500	115500.00
7.10	Providing and installation of Moss wall on panelling/ partition with Preserved Moss thickness 75mm and panel size 300 x 300 of approved various colour, shape & finishes as per the instruction of EIC/ architect. (Make-GREENRY OR EQUIVALENT)	Sq.m	6	28000	168000.00
7.11	Providing and placing perforated Stainless Steel dustbins of thickness 16 SWG & grade 304, of size 250 mm dia. & 450 mm height & 3.5 kg weight per piece without lid with perforations of not more than 8mm of approved make all complete as per directions of EIC. (The sample should be got approved by EIC in advance before placing the order).	No.	40	1200	48000.00
7.12	Providing and placing aluminium dust buster mat for entrance door of 19 mm thickness of Euronics/approved make all complete as per the the directions of the Architect/Employer.	Sq.M.	1.00	21500	21500.00
7.13	Providing & Placing all kind of furniture / murals / plants etc. The furniture & other items shall have highest quality of international standard. Contractor should quote rate including the basic cost amount + over head + profit + TP etc (including all). The contractor to quote the rate as above complete from the showroom to the site at Gurugram and placing the same as per the direction of Architect / Employer on 9th floor for the following items. The amount mentioned is provisional and may increase or decrease depending on the requirement of the SBI. The contractor will have to arrange for payment to the vendor and the amount shall be released only after supply, delivery & satisfactory installation.				
i)	Designing, placing & fixing of metallic art work / sculpture in all sizes specified as approved, colour as per directed / suggested by the SBI / Architect / Engineer-in-Charge. Murals / painting / sculptures etc (Basic cost Rs. 25000/-)	LS	1.00	30000	30000.00
7.0	MISCLLANEOUS TOTAL	:			3128850.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
8.0	FLOORING WORK				
8.1	Providing & fixing of Steel cementitious access floor tiles FS 800 type of size 600mm x 600mm x35mm made of cold rod steel with top sandwich layer of 0.8mm , bottom layer of 0.7mm and light weight foamed cement filling inside with clear height of 150 mm from base floor. The system shall be able to take up the concentrated load of 360 Kg or equivalent UDL. Installed all complete including understructure with adjustable height pedestals for a maximum FFL over slab of 200mm. Pedestals shall have auto-lock nuts so that the set heights do not change due to vibration . All complete strictly as per manufacturers specifications , approval and directions of the Architect/ engineer -in -charge.	Sq. mtr.	6.00	4500	27000.00
8.2	Providing and laying 18 -20 mm thick first quality Italian marble stone in uniform shade & design (Basic rate of stone Rs. 4000/- Sq.mt.) with inserting design pattern as per drgs over 20 mm to 50 mm thick base of cement mortar1:4 (1 Cement :4 coarse Sand) laid and jointed with white cement slurry mixed with pigment to match the shade of the stone including grinding and polishing the stone to a high gloss in tin oxide polish with Tin oxide grinding stones of varying grade ranging from 0 to 5 Nos. and finally polishing and buffing with Oxide golex stone no.6 including necessary cleaning of floors with detergent etc. All as per drawing, approval and instructions of the architect/ Eingneer-in-charge	Sq.mtr.	20.00	8500	170000.00
8.0	FLOORING WORK TOTAL	:			197000.00
9.0	FURNITURE				
9.0	Providing and placing ergonomically designed Sofa/ Tables as per catalogue no. mentioned below complete as per approval and instructions of the architect / Eingneer-in-charge.				
9.1	Three seater Sofa Featherlite or Equivalent (Basic Rate Rs. 15,000/- per seat) (for DGM cabin)	No's	3	52800	158400.00
9.2	Two seater Sofa Featherlite or Equivalent (Basic Rate Rs. 15,000/- per seat)	No's	2	35000	70000.00
9.3	Single Seater sofa Featherlite or Equivalent (Basic Rate Rs. 15,000/- per seat)	No's	3	17500	52500.00
9.4	Three seater Sofa Featherlite or Equivalent (Basic Rate Rs. 12,000/- per seat) (Waiting, CM)	No's	3	42000	126000.00
9.5	Two seater Sofa Featherlite or Equivalent (Basic Rate Rs. 12,000/- per seat) (Waiting, AGM)	No's	6	28500	171000.00
9.6	Center Table Featherlite or Equivalent (Basic Rate Rs. 11,000/-)	No's	3	12900	38700.00
9.7	Side Table Featherlite OR Equivalent (Basic Rate Rs. 9,000/-)	No's	13	10500	136500.00
9.0	FURNITURE TOTAL	:			753100.00
I	FURNISHING & FURNITURE TOTAL				18801094.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
II	ELECTRICAL & ALLIED WORKS				
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (where ever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multi- stranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				
i	One light points controlled by one 6 amp. Modular switch	Nos.	36.00	950.0	34200.00
ii	Two light points controlled by one 6 amp. Modular switch	Nos.	70.00	1050.0	73500.00
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	45.00	1150.0	51750.00
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	20.00	1250.0	25000.00
v	Five light points controlled by one 6 amp. Modular switch	Nos.	10.00	1350.0	13500.00
vi	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	13.00	1000.0	13000.00
vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	Nos.	20.00	950.0	19000.00
viii	One ceiling fan point with step type regulator	Nos.	1	1100.0	1100.00
ix	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				
a	Dependent	Nos.	15	400.0	6000.00
x	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade.				
a	Primary	Nos.	20.00	1850.0	37000.00
b	Secondary	Nos.	37.00	1450.0	53650.00
xi	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 16 Amp MCB two Nos. , for Glow sign Board.				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
a	Primary Point	Nos.	6.00	1500.0	9000.00
2	POWER POINTS				
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 st socket and 1 st to 2 nd , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 -pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly).				
a)	Primary point	Nos.	25	2400.0	60000.00
b)	Secondary point	Nos.	22	1750.0	38500.00
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*2.5 sq.mm. PVC insulated 1100 V grade copper conductor wire with with socket complete in all respects controlled by 25/32 A SP MCB to be provided DB. The point starts from DB to the point near the indoor unit including top.	Nos.	3.00	2000.0	6000.00
4	COMPUTER POINTS				
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular 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.				
	Primary	Nos.	30	2450.0	73500.00
	Secondary	Nos.	30	1450.0	43500.00
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch with all accessories, inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer incharge.				
	Primary	Nos.	2	2100.0	4200.00
	Secondary	Nos.	2	1100.0	2200.00
5	POP UP BOX POINTS				
i	Provide desk top plug is specially provision 1) Multi-connectors for data and power connection. Connectors: 1x Universal Socket, 2x RJ45 internet, 1x VGA, 1x 3.5mm audio Jack 1x usb 2.1 a port) Hydraulic (pneumatic) open close movement 3) with bottom box 4) Self-locking mechanical latching mechanism 5) Press-open pop-up cover	Nos.	5.00	6500.0	32500.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
ii	Supply, installation, testing and Commissioning of simply elegant modular table top connectivity solution for conference tables with luxuriously finished metal surfaces and one-touch, fully-retracting lid with Multi-connectors for data and power connection. Connectors 1x HDMI, 1x VGA with audio, 1xLAN, 1x Universal Power, 1x USB and 1x 3.5mm Audio jack with retractable cable management solution complete with standard accessories as required.	Nos.	5.00	9500.0	47500.00
6	Supply , installation , testing and comissioning of HDMI Cable with High-Quality Connectors — 24K gold-plated connectors resist corrosion, and offer the best possible connectivity and provides 4K@60Hz (4:4:4) resolution complete with standard accessories as required.	Mtr	40.00	250.0	10000.00
B.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for telephone socket with shutter, RJ 47 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	50.00	1700.0	85000.00
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing &fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
a)	Supplying & fixing 10 pair krone tag block with enclosure.	Nos.	1.00	2000.0	2000.00
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6A computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6A with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6A cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	75.00	3500.0	262500.00
2.2	Supplying and fixing 42 U (Rack with glass door, opening in the front power panel 1 (VERTICAL), cable manager 1 lock & key).	Nos.	1.00	45000.0	45000.00
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1.00	3500.0	3500.00
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	5	5000.0	25000.00
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	45	300.0	13500.00
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	75	200.0	15000.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
C.	CABLES, MAINS & SUBMAINS				
1	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit must be 30 mm below the floor finish level.				
i	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	30	300.0	9000.00
ii	4 X 10 sq.mm. + 2 X 6 sq.mm.	RM	65	910.0	59150.00
iii	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (, LIGHT PLUG DB, UPS Room).	RM	80.00	280.0	22400.00
iv	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (POWER DB).	RM	140.00	345.0	48300.00
v	Supplying, laying, testing & commissioning of 4 C X 35 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (for AC)	RM	15.00	425.0	6375.00
vi	Supplying, laying, testing & commissioning of 4 C X 95 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (for Main Connection)	RM	60.00	780.0	46800.00
2	Supply and fixing of GI Perforated type cable trays as per approved design and GI angle supports spaced 1000 mm apart throughout the length as specified, including the cost of threaded rod hangers, hooks, dash fasteners etc. for suspension from ceiling as required				
a)	100 mm x 40 x 40 x 1.6 mm thick	Mtrs	50	550.0	27500.00
b)	150 mm x 40 x 40 x 1.6 mm thick	Mtrs	175	650.0	113750.00
c)	250 mm x 40 x 40 x 2 mm thick	Mtrs	60	900.0	54000.00
3	Providing and fixing 1.6 mm thick steel sheet factory fabricated post galvanized floor recessed raceway of the following sizes including providing removable cover, knock out holes and fixing accessories earthing with 8 SWG copper earth wire complete as required including floor supports, bends, access boxes, tap off boxes and cross over as per site requirement.				
a)	300 mm wide x 40 mm deep raceway	Mtrs	10.00	1440.0	14400.00
b)	200 mm wide x 40 mm deep raceway	Mtrs	15.00	1200.0	18000.00
c)	150 mm wide x 40 mm deep raceway	Mtrs	20.00	1080.0	21600.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
d)	100 mm wide x 40 mm deep raceway	Mtrs	30.00	1020.0	30600.00
2	Providing and fixing 350 x 350 x 50 mm deep 2 mm thick GI sheet junction box including providing 2 mm thick stainless steel cover as required	Nos.	5.00	1440.0	7200.00
3	Providing and fixing 250 x 250 x 50 mm deep 2 mm thick GI sheet junction box including providing 2 mm thick stainless steel cover as required	Nos.	5.00	1200.0	6000.00
4	Providing and fixing 200 x 200 x 50 mm deep 1.6 mm thick GI sheet junction box including providing 2 mm thick stainless steel cover as per specification.	Nos.	5.00	1140.0	5700.00
D.	DISTRIBUTION BOARD				
	Supplying, installing, testing & commissioning of surface/ recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland/ knock out plate & with built in loose wire boxl, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed.				
a	6-way TPN DB (LIGHT DB & 6 A raw point)	No.	3.00	14500.0	43500.00
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
b	6-way TPN DB (POWER DB)	No.	3.00	14500.0	43500.00
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
d	6-way V-TPN DB	No.	1.00	21000.0	21000.00
	Incomer:-				
	1 No. 63 Amp TPN 4 Pole (16KA) MCCB				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
	Outgoing:-				
	3 Nos. 32 Amp (10 KA) TP MCB				
	9 Nos. 32 Amp (10 KA) SP MCB				
f	2-way SPN DB with 40 A DP MCB (For UPS Input / output)	No.	1.00	1500.0	1500.00
g	16-way SPN DB (For UPS OUTPUT)	No.	3.00	11500.0	34500.00
	Incomer:-				
	1 No. 25 Amp DP (10 KA) MCB with 25 A DP RCCB (100 MA)				
	Outgoing:-				
	12 Nos.6/10/16 Amp (10 KA) SP MCB				
E	MAIN PANEL AND METER BOARD				
1	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire/XLPE Cable 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2 mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) locable doors having structural reinforcement including 3 mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 1 nos 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc as per specifications as required.main panel board of approved make (Swetech power control/Zeniya/Neptune) or make as approved by architect/SBI.				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders doors and switch handles shall be locable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All kA values indicated shall be Ics breaking capacity				
	GA drawings shall be got approved by SBI/Consultant				
a.	Floor panel shall consists of : - INCOMER FROM MAIN LINE				
	1 No. 200 Amps,TPN MCCB (25 KA) with extendible rotary handle each thermal over current, instantaneous, Short circuit release,Earth fault.				
	BUSBARS				
	250 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. current transformers of 250/5A ratio, 10 VA Class-1.0 metering. - 1 sets				
	Red/Blue/Yellow three phase indicating lamps with SP MCB backup protection.				
	OUTGOINGS:-				
	3 Nos 63A TPN MCCB (16 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. For capacitor Bank AND AC VTPN,				
	8 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For PDB,UPS, & SPARE)				
	6 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB)				
	4 Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For SIGNAGE,ATM)				
	The electrical panel as described above and specifications complete.	Set	1.00	135000.0	135000.00
F.	(LIGHT FITTINGS & ACCESSORIES)				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixures should be covered with minimum 3 Years onsite replacement warranty).				
1	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect. (Wipro/Tisva/Philips/Havells)	Nos.	5.00	2200.0	11000.00
2	FULL GLOW with Dimmable 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by SBI/ Architect. (Wipro/Tisva/Philips/Havells)	Nos.	12.00	4500.0	54000.00
3	FULL GLOW 2 X 2 LED 36 W Square Pendant Type make As specified in tender document or approved by SBI/ Architect. (Wipro/Tisva/Philips/Havells)	Nos.	32.00	2500.0	80000.00
4	Recessed mounted 40 watt LED 300 x 1200 mm PANEL light fixture As specified in tender document or approved by SBI/ Architect. (Wipro/ Tisva/ Philips/ Havells or equivalent)	Nos.	20.00	6500.0	130000.00
5	Supplying, fixing, testing and commissioning of 15/18 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect. (Wipro/Tisva/Philips/Havells)	Nos.	60.00	900.0	54000.00
6	Supplying, fixing, testing and commissioning of 15/18 W LED Dimmable type down lighter of make As specified in tender document or approved by SBI/ Architect. (Wipro/Tisva/Philips/Havells)	Nos.	190.00	3200.0	608000.00
7	Supplying, fixing, testing and commissioning of 3/5 W COB LED commercial type of make As specified in tender document or approved by SBI/ Architect. (Wipro/Tisva/Philips/Havells)	Nos.	25.00	950.0	23750.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
8	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation supporting fittings of Led strip light (5 mtr.) make as specified in tender document or approved by SBI/ Architect.	Nos.	35.00	1000.0	35000.00
9	Recessed Profile light 50mm wide complete with LED strip 240LED per meter with driver and necessary installation fittings as per approval of SBI/ Architect. (Wipro/Tisva/Philips/Havells)	RM	75.00	1800.0	135000.00
10	Hanging bendable Profile light 50mm wide complete with LED strip 240LED per meter with driver and necessary installation fittings as per approval of SBI/ Architect. (Wipro/Tisva/Philips/Havells)	RM	25.00	4000.0	100000.00
11	Recessed Profile light 17mm wide complete with LED strip 120 LED per meter with driver and necessary installation fittings as per approval of SBI/ Architect. (Wipro/Tisva/Philips/Havells)	RM	15.00	1000.0	15000.00
12	Supplying, fixing, testing and commissioning of commercial type Linear Ceiling Suspended led light Width Minimum 50 mm Material Aluminium LIGHT FIXTURE Decorative 40 Watts led Strip Light ,Linear light of make As specified in tender document or approved by SBI/Architect. (Basic price start 4000 rs) (Wipro/Tisva/Philips/Havells)	Nos.	15.00	4200.0	63000.00
13	Supplying, fixing, testing and commissioning of commercial type pendant Round Light of make As specified in tender document or approved by SBI/Architect. (Basic price start 4000 rs) (Wipro/Tisva/Philips/Havells)	Nos.	10.00	4000.0	40000.00
14	Supplying, fixing, testing and commissioning of 20 W LED T 8 fitting make As specified in tender document or approved by SBI/ Architect.	Nos.	3.00	445.0	1335.00
15	Supplying, fixing, testing and commissioning of commercial type IP-65 Planter light of make As specified in tender document or approved by SBI/Architect. (Basic price start 2500 rs) (Wipro/Tisva/Philips/Havells)	Nos.	10.00	2500.0	25000.00
16	LED 10 watt Mirror Light with all accessories.make As specified in tender document or approved by bank	Nos.	5.00	1500.0	7500.00
17	FULL GLOW Chandelier and necessary installation supporting fittings make As specified in tender document or approved by SBI/Architect (Basic Price @25500 RS).	Nos.	1.00	25500.0	25500.00
18	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved by SBI/ Architect. (METAL BODY)	Nos.	1.00	3500.0	3500.00
19	Ceiling fans 1200 mm dia. make As specified in tender document or approved by SBI/ Architect. (with BLDC)	Nos.	5.00	3000.0	15000.00
20	Supply & fixing of 230 mm exhaust fan with louvers and Metal body with all accessories etc. complete of make As specified in tender document or approved by SBI/ Architect.	Nos.	6.00	2000.0	12000.00
G	EARTHING SYSTEM				

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
1	Providing and making earth pits including the cost of Ash Gel Earthing Electrode With Ash Back Fill Compound Ash 19/3.Earth) Make : Ash Dia : 50mm Length : 3000mm M.O.C. : Copper (1 Set = 1 Electrode + 2 Bag)as required.	Nos.	2	14000.0	28000.00
2	Providing and making earth pits including the cost of Ash Gel Earthing Electrode With Ash Back Fill Compound Ash 19/3.Earth) Make : Ash Dia : 50mm Length : 3000mm M.O.C. : G.I. earth (1 Set = 1 Electrode + 2 Bag)as required.	Nos.	2	11000.0	22000.00
1	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.				
i	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required eith using of copper lug at end termination	RM	90.00	310.0	27900.00
H	LIGHT AUTOMATION				
1	Supply, Testing & Commissioning of 3 Channel DALI Controller. The controller should have facility to control 192 lighthst and having inbuilt DALI Bus Power Supply, works on 12 V DC supply. The device should have RS485 port and 1x Aux programmable dry contact input.	Nos.	2.00	137500.0	275000.00
2	Supply, Testing & Commissioning of 12 Channel Feed Though Relay 20A load per channel for Switching the lights.	Nos.	1.00	27500.0	27500.00
3	Supply, Testing & Commissioning of Flush mount 360 degree ceiling mount sensor that combiner PIR, IR and Lux level control. The Sensor can also be placed in an automatic"Daylight Harvesting" mode for energy savings.	Nos.	25.00	7150.0	178750.00
4	Supply, Testing & Commissioning of 6 Button Push Button with inbuilt Proximate sensor, IP 22 degree protection and pattern locking facility.	Nos.	25.00	7150.0	178750.00
5	Supply, Testing & Commissioning of 10 Button IR Remote	Nos.	1.00	6050.0	6050.00
6	Supply, Testing & Commissioning of 365 days Astronomical Time Clock.	Nos.	1.00	9350.0	9350.00
7	Supply, Testing & Commissioning of Network Interface to boost the network	Nos.	2.00	18150.0	36300.00
8	Supply, Testing & Commissioning of Power Supply	Nos.	2.00	3850.0	7700.00
9	Supply, Testing & Commissioning of RS232 interface to integrate with AV processor.	Nos.	1.00	60500.0	60500.00
10	Supply, Testing & Commissioning of CAT 6A Cable in meters WITH CONDUIT and all other assoeries	Mtr	950.0	75.0	71250.00
11	Supply, Testing & Commissioning of RS232 Cable in meters	Nos.	20.00	2750.0	55000.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
12	Supply, Testing & Commissioning of Dimmer Panel with MCB & Surge Protection make	Nos.	3.00	71500.0	214500.00
13	Supply, Testing & Commissioning of 3" x 3" metal box for Keypad	Nos.	25.00	88.0	2200.00
14	Supply, Testing & Commissioning of 3" x 3" metal box for Keypad	Nos.	25.00	88.0	2200.00
	ELECTRICAL WORK TOTAL				4517410.00
II	FIRE FIGHTING SYSTEM WORKS				
1.0	Providing and fixing ISI Marked of approved make Fire Extinguishers complete with all accessories as per manufacturer's specifications.				
a	CO ₂ gas nozzle type - 9 Litre capacity (IS:15683).	NOS	2.00	3150.0	6300.00
b	Mechanical CO ₂ Gas type 4.5 Kg capacity (IS:15683).	NOS	8.00	7500.0	60000.00
c	ABC dry powder stored pressure type 6kg capacity (IS:15683).	NOS	6.00	4000.0	24000.00
2.0	Providing & fixing brass quartzoid sprinklers (UL approved) of 15 mm dia size, suitable for sustaining the pressure on the seat & water hammer effect. The type & temperature rating shall be as follows :				
2.1	Chrome plated pendent type 68 deg C quartzoid bulb sprinkler	Each	120.00	450.0	54000.00
2.2	Horizontal Sidewall coverage (68 deg.C) sprinkler.	Each	45.00	550.0	24750.00
3.0	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of c 875 PSI (Burst) with branch line (Inlet) 25 mm NPT male thread to sprinkler head (Outlet) 15 mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stock bar of following sizes complete as required.				
3.1	700mm	Set	10.00	1200.0	12000.00
3.2	1000mm	Set	120.00	1450.0	174000.00
3.3	1200mm	Set	20.00	1600.0	32000.00
3.4	1500mm	Set	10.00	1750.0	17500.00
	Addressable Fire Alarm System				
4.0	Supplying, installation, testing & commissioning of repeater panel with 320 character/ Touch screen LCD display with inbuilt reset, acknowledge and silence switches complete as required.	Nos.	1.00	108572.0	108572.00
5.0	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.	Nos.	45.00	2846.0	128070.00
6.0	Supplying, installation, testing & commissioning of response indicator on surface/recessed MS Box having two LED, metallic cover complete with all connections etc as required.	Nos.	30.00	263.0	7890.00
7.0	Supplying, installation, testing & commissioning of intelligent addressable thermal detector with rate of rise cum fixed temperature thermistor complete with base as required.	Nos.	3.00	2713.0	8139.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
8.0	Supplying, installation, testing & commissioning of addressable manual call point complete as required.	Nos.	3.00	3859.0	11577.00
9.0	Supplying, installation, testing & commissioning of addressable horn cum strobe complete as required.	Nos.	3.00	3500.0	10500.00
10	Supplying, installation, testing & commissioning of addressable fire control module complete as required.	Nos.	3.00	2990.0	8970.00
11.0	Supplying, installation, testing & commissioning of fire fighter telephone handset complete as required.	Nos.	3.00	6000.0	18000.00
12.0	Supplying, installation, testing & commissioning of fire fighter phone jack complete as required.	Nos.	3.00	1587.0	4761.00
13.0	Supplying & laying of 2x1.5 sqmm fire survival armoured cable, 600/1000V rated with annealed copper conductor having glass mica fire barrier tape covered by an extruded layer of Cross Linkable Ethylene Propylene Rubber (EPR) insulation and LSZH inner bedding, steel wire armouring & LSZH outer sheath complete as required. (AGILON / BONTON / RR)	RM	2100	328	688800.00
	Public Address System				
14.0	Supplying, installation, testing & commissioning of 1.5/3/6W metal box ceiling/wall speakers complete as required.	Nos	35.00	1780.0	62300.00
15.0	Supplying, installation, testing & commissioning of ceiling/wall mounted loud speaker, 3/1.5 Watt in ABS enclosure complete as required.	Nos	3.00	2416.0	7248.00
16.0	Supplying & laying of 2x1.5 sqmm fire survival armoured cable, 600/1000V rated with annealed copper conductor having glass mica fire barrier tape covered by an extruded layer of Cross Linkable Ethylene Propylene Rubber (EPR) insulation and LSZH inner bedding, steel wire armouring & LSZH outer sheath complete as required.(AGILON/BONTON/RR)	Mtr	2000.00	328.0	656000.00
17.0	Supplying & Fixing Volume control switch in room for control volume complete as required.	Nos	20.00	750.0	15000.00
	FIRE FIGHTING SYSTEM WORKS TOTAL				2140377.0
III	Close Circuit Television and Security System				
	CAMERA AND ACCESSORIES				
1	CCTV (Video Surveillance)				
	Supply, installation, testing and commissioning of following cameras including all accessories as per specification.				
1	Supplying, installation, testing and commissioning of 2 megapixels resolution Network Dome Camera for true HD quality images, 2.8 -12 mm varifocal lens, True Day/Night (TDN) functionality for true color image, Motion Detection 4 Zones, Multi- Level Sensitivity Privacy Zones 4 Zones, Snapshot Support JPEG format Password Protection Support Character Display Support (Channel / Date) ONVIF Yes, IR Illumination 20-30M IR illuminators for clear images in low light conditions Wide Dynamic Range 3D noise reduction for sharper images and lower bandwidth use in low light ONVIF compliant complete in all respect.	Each	25.00	14500.0	362500.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
2	Supply, installation, testing and commissioning of 2 megapixels resolution Network Bullet camera camera, Imager 1/2.8"SONY 2.43 mega low illumination CMOS, Video Compression H.264/MJPEG, Day/Night. Mechanical ICR, Minimum Illumination-0Lux/F1.4 (IR ON) IR Illumination-40-50M, Electronic Shutter-Auto/Manual (1/25~1/10000) Lens 2.8-12 mm varifocal lens, Resolution Main-stream : D1/Q1080P (960x540)/HD720P/HD1080P 1-25/30fps, Digital Noise Reduction-3D,Wide Dynamic Range-Digital WDR Motion Detection -4 Zones, Multi- Level Sensitivity, Privacy Zones-4 Zones, Snapshot Support JPEG format, Password Protection Support, Character Display Support (Channel /Date). Regulatory Emissions-FCC Part 15 CE: EN55022, Immunity -CE: EN50130-4, IP Rating- IP66 rated enclosure to protect against dust and water damage ONVIF compliant.	Each	2.00	26500.0	53000.00
3	Supply, installation, testing and commissioning of Enterprise Class 6TB HDD.	Each	2.00	9500.0	19000.00
4	Supply, installation, testing & commissioning of 12 Port PoE+ Switch with 2 SFP slots 12 x 10/100/1000 Base-T PoE+ ports and additional 2 100/1000X SFP PORTS Should support PoE+ as per IEEE 802.3 at with PoE budget of 100W.Should support STP, RSTP, MSTP, IGMP v1/v2/v3 snooping, STP root guard, Voice VLAN, MLD snooping (MLDv1 and v2), IEEE 802.3ac VLAN tagging IEEE 802.17/equivalent for sub 50ms ring protection in following scenario : single, dual fibre cuts in ring and when fibre cut at common shared link in between two or more rings.	Each	4.00	56220.0	224880.00
5	Supplying, Installation,Testing & Commissioning of 55 " LED Full HD TV Resolution 1920 x 1080 ,Contrast Ratio (Typical) 5000:1,Built-in Speaker (10W + 10W), Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, Super Clear Coating, Temperature Sensor, Plug and Play (DDC2B), Pivot Display, Clock Battery, PIP/PBP, Video Wall (10x10), Image Rotation, Button Lock, HDCP Support, Smart Scheduling, Smart F/W update, Built-In MagicInfo Premium-Swith Mounting Brackets as per Technical Specification complete in all respect.	Each	1.00	55700.0	55700.00
6	Supply, laying drawing, connecting, testing and commissioning of CAT-6A Cable With Conduit for CCTV point This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point. (AGILON/BONTON/RR)	Meter	2000.00	50.0	100000.00
7	Supply, installation, testing & commissioning of 4U Rack mount single chassis Network Video Recorder with dual Gb NIC, 1 DVI-I + HDMI + 1 Display Port, max 2 simultaneous monitors, RS-232/485 serial port, DVD, Server Operating System- Windows 10,Ubuntu Linux 16.04, Gen 4 Intel Core i7, Local Client Display Rate (FPS)Windows - 700 FPS (HD)Linux - 900 FPS (HD),High Performance, High Reliability IP Recorder. — Continuously records 400Mbps (Windows) & 800 Mbps (Linux)of video while hosting a local client, multiple remote clients and the web server on a single server,RAM- 8 GB, 16 GB (Optional)solid-state operating system drive,	Each	2.00	48000.0	96000.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
	USB-6 x USB 2.0, 2 x USB 3.0 high air flow cooling and hardware monitoring features ensure maximum uptime. keyboard and mouse, Professional Grade client and server software pre-installed and software updates. Access live and recorded video on multiple client PCs with free Windows, Mac or Linux client application. web server application is pre-installed on the server to access video through a web browser or free Mobile iPhone / iPad and Android apps. Maximum Storage Capacity 240TB RAID6 & Maximum Hard Drive 20 Slot(Up to 12TB) Support Up to 24 IP Camera.				
	CCTV WORK TOTAL				911080.0
IV	ACCESS CONTROL SYSTEM				
	Supply, Installation, Testing and Commissioning of Multi-Biometric Terminal (Face + Finger + Card + TCP/IP + USB) Access Control System. The system shall include Face / Fingerprint Scanner, Proximity Card Reader, Controller, Power Supply, Electromagnetic (EM) Lock, Touchless IR hand-wave sensor and all necessary software, licenses, cabling, conduits and accessories. The system should be capable of storing minimum 1000 fingerprints and 1000 cards. Communication: TCP/IP, USB. Should be compatible with centralized software for attendance and access control. Make: ZKTeco / Honeywell / HID / eSSL or equivalent reputed brand.	Set	1	50000	50000.00
	SUB TOTAL				50000.0
V	AUDIO SOLUTION				
1	Providing and fixing 86-inch commercial display as per drawing , approval and instructions of the architect/ Eingneer-in-charge .	Nos.	1.00	160000.0	160000.00
2	Providing and fixing Bracket For 86-inch commercial display complete in all respect as per approval and instructions of the architect/ Eingneer-in-charge .	Nos.	1.00	8000.0	8000.00
3	Providing and fixing 65" Professional 4K Commercial Display (Meting room at entry) as per drawing , approval and instructions of the architect/ Eingneer-in-charge .	Nos.	1.00	85000.0	85000.00
4	Providing and fixing 55" LED Display Panel (Main Conf. room, Disc. Room & DGM Cabin) as per drawing , approval and instructions of the architect/ Eingneer-in-charge . Make- Sony	Nos.	4.00	75000.0	300000.00
5	Providing and fixing Bracket For 55" LED Display Panel complete in all respect as per approval and instructions of the architect/ Eingneer-in-charge .	Nos.	5.00	4500.0	22500.00
6	Supply, installation, testing & commissioning of Android / Windows Meeting Room PC (Intel Core i5/i7, 16 GB RAM, 512 GB SSD)as per drawing , approval and instructions of the architect/ Eingneer-in-charge .	Nos.	1.00	165000.0	165000.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
7	Supply, installation, testing & commissioning of 4K AI PTZ Camera (20× Optical Zoom) .Any additional accessories, connectors, adaptors, mounting hardware or interface equipment required for the complete and functional installation shall be deemed included in the quoted rate, whether specifically mentioned or not. All as per drawing , approval and instructions of the architect/ Eingneer-in-charge .	Nos.	1.00	270000.0	270000.00
8	Supply of Boundary Line Microphone as per approval and instructions of the architect/ Eingneer-in-charge . Make-Sennheiser	Nos	12.00	24000.0	288000.00
9	Supply of Wired Button Microphones for the Conference table as per approval and instructions of the architect/ Eingneer-in-charge	Nos	3.00	10500.0	31500.00
10	Supply, installation, testing & commissioning of Wireless Handheld Microphones for Presenter as per approval and instructions of the architect/ Eingneer-in-charge	Nos	1.00	15000.0	15000.00
11	Supply of Wireless Lapel Microphones for Presenter as per approval and instructions of the architect/ Eingneer-in-charge	Nos	1.00	15000.0	15000.00
12	Supply, installation, testing & commissioning of Digital Audio Signal processor for the microphone and Line Mixer with acoustic echo cancellation feedback suppressor complete as per approval and instructions of the architect/ Eingneer-in-charge	Nos	1.00	150000.0	150000.00
13	Supply, installation, testing & commissioning of Recessed Ceiling Speakers 24W complete including mounting kits complete as per approval and instructions of the architect/ Eingneer-in-charge . Make : Audac/JBL/Lab Gruppen/QSC.	Nos	10.00	10000.0	100000.00
14	Supply of 240 W Mixer Power Amplifier as per approval and instructions of the architect/ Eingneer-in-charge	Nos	1.00	60000.0	60000.00
15	Supply of PoE Injector as per approval and instructions of the architect/ Eingneer-in-charge	Nos	1.00	35000.0	35000.00
16	Supply of 8-Port Gigabit PoE Switch as per instructions of the Architect/ engineer in charge.	Nos	1.00	65000.0	65000.00
17	Supply of Audio De-Embedder as per instructions of the Architect/ engineer in charge.	Nos	1.00	50000.0	50000.00
18	Providing & fixing motorized Pop Up montior hardwarealong with the monitor of approved make of Hettich/ HAFFLE/BLUM or equivalent as per company specification by making necessary provision in the table. Motorized laptop Lift Stand for 15-17 inchs laptop	Nos	1.00	75000.0	75000.00
19	Supply of 18U Equipment Rack complete including power panel / patch panel etc complet to run the AV system. All complete as per instructions of the Architect/ engineer in charge.	Nos	1.00	18000.0	18000.00
20	CAT6 A Cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends. All complete as per instructions of the Architect/ engineer in charge.	Bundle	1.00	8000.0	8000.00
21	Supply Installation, Testing and Commissioning of HDMI / USB / Audio Cables & Connectors complete as per instructions of the Architect/ engineer in charge.	LOT	1.00	25000.0	25000.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
22	Installation, Testing and Commissioning for all AV equipment including Software programming. All complete as per approval of Architect / Employer.	LOT	1.00	50000.0	50000.00
23	Supply Installation, Testing and Commissioning of All in One video conferencing system complete having video / Meeting Bar with Integrated 4K Camera, Speakers & Microphone Array, Expansion Microphone etc. complete in all respect as per approval of Employer / Architect.	Set	2.00	300000.0	600000.00
	AUDIO VIDEO SOULTION				2596000.0
	SUMMARY				
I	FURNISHING & FURNITURE WORK	:			18801094.00
II	ELECTRICAL WORK	:			4517410.00
III	FIRE FIGHTING SYSTEM WORKS	:			2140377.00
IV	Close Circuit Television and Security System	:			911080.00
V	ACCESS CONTROL SYSTEM	:			50000.00
V	AUDIO VIDEO SOLUTION	:			2596000.00
	SUB TOTAL				29015961.00
	QUOTED PERCENTAGE ({Less (-) /Add (+) /at par (0)})				
	GRAND TOTAL				29015961.00