

Bill of Quantities

Sr. NO.	PARTICULARS	QTY.	UNIT	RATE	AMOUNT
1	CIVIL, STRUCTURAL, FURNITURE, MODULAR FURNITURE WORK				
A	CIVIL WORK			RS.	36,48,800.00
B	STRUCTURAL REPAIRING WORK			RS.	38,78,250.00
C	FURNITURE WORK			RS.	1,15,33,596.00
D	MODULAR FURNITURE WORK			RS.	95,12,300.00
	TOTAL COST OF CIVIL, STRUCTURAL, FURNITURE, MODULAR FURNITURE WORK			RS.	2,85,72,946.00
2	ELECTRICAL & TELEPHONE & NETWORKING WORK				
F	ELECTRICAL WORK			RS.	41,49,535.00
G	TELEPHONE & NETWORKING WORK			RS.	45,48,750.00
	TOTAL COST OF ELECTRICAL & TELEPHONE & NETWORKING WORK			RS.	86,98,285.00
3	AIRCONDITIONING WORK				
H	AIRCONDITIONING WORK			RS.	31,63,600.00
	TOTAL COST OF AIRCONDITIONING WORK			RS.	31,63,600.00
4	SMOKE DETECTOR SYSTEM, PUBLIC ADDRESS SYSTEM,				
I	SMOKE DETECTOR SYSTEM			RS.	8,79,650.00
J	PUBLIC ADDRESS SYSTEM			RS.	2,67,000.00
K	SPRINKLER SYSTEMS			RS.	9,55,900.00
	TOTAL COST OF SMOKE DETECTOR SYSTEM, PUBLIC ADDRESS SYSTEM, WORK			RS.	21,02,550.00
5	C.C.T.V. SYSTEM. & ACCESS CONTROL SYSTEM WORK				
L	C.C.T.V. SYSTEM.			RS.	11,14,750.00
M	ACCESS CONTROL SYSTEM & CCTV			RS.	4,17,200.00
	TOTAL COST OF C.C.T.V. SYSTEM. & ACCESS CONTROL SYSTEM WORK			RS.	15,31,950.00

GRAND SUMMARY INTERIOR WORK					
1	CIVIL, STRUCTURAL, FURNITURE, MODULAR FURNITURE WORK			RS.	2,85,72,946.00
2	ELECTRICAL & TELEPHONE & NETWORKING WORK			RS.	86,98,285.00
3	AIRCONDITIONING WORK			RS.	31,63,600.00
4	SMOKE DETECTOR SYSTEM, PUBLIC ADDRESS SYSTEM,			RS.	21,02,550.00
5	C.C.T.V. SYSTEM. & ACCESS CONTROL SYSTEM WORK			RS.	15,31,950.00
	TOTAL ESTIMATED AMOUNT (EXCLUDING GST)			RS.	4,40,69,331.00
* Bidders shall quote Percentage above/ below the total estimated amount (upto 2 decimal places)					
eg:					
A . For above 2.15%, write "Above" in first column, +2.15 in the 2nd column and amount calculated as 260150 x 2.15 /100					
B . For below 2.15%, write below in 1st column, -2.15 in the 2nd column and amount calculated as 260150 x (-2.15) /100					
C. If the bidder wants to quote his rate as at par with the estimated amount, then he shall put 0 (Zero)					
GST at applicable rates will be paid extra in addition to the quoted rates					

CIVIL, STRUCTURAL, FURNITURE, MODULAR FURNITURE WORK					
Sr. No.	Description	Quantity	Unit	Rate	Amount
A	CIVIL WORK				
1	AUTOCLAVED AERATED CEMENT BLOCK MASONRY WALL Providing and laying autoclaved aerated (cellular) cement blocks masonry with more than 100 mm/150mm/230mm thick AAC blocks in cement mortar 1:4 (1 cement : 4 coarse sand) including RCC stiffeners. The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work, racking of joints, scaffolding and curing, etc. completed as directed by the Architect/SBI Engineer. (Measurement L x W x H) Make-SIPOREX INDIA, AEROCOR, ULTRATECH XTRALITE	16.00	CUM	8,200.00	1,31,200.00
2	TERRACE WATERPROOFING Providing water proofing treatment to the existing terrace after cleaning the surface by giving, INJECTIONS" to the terrace slab wherever required with necessary water proofing compound and cement solution as per specifications so as to fill up all the inherent holes cavities, voids, honeycomb etc. making the whole structure consistent and homogeneous resistant to water leakage seepage, dampness and moisture etc. Brickbat waterproofing coba in 1:5 C.S. mortar as per specifications shall be laid over R.C.C.Slab with necessary gradient for easy flow of rain water. This treatment shall continue along the inner side of parapet of other adjoining wall upto height of about 30cm. in the shape of round vata. Finally the top surface shall be covered with joint less waterproofing plaster 1: 4 C.S. 12 mm to 15 mm in thickness as per specifications of specialized waterproofing Co. above waterproofing treatment Finish the surface with 20 mm thick cement mortar of mix 1:4 (1cement :4 coarse sand) admixed with water proofing compound (conforming to IS : 2645) at the rate of 1 Kg per bag, Including laying in required position flooring of broken China Mosaic (broken pieces of China Chips) of approved colour and pattern including neat cement float, giving proper slopes, compaction, curing, finishing prepaing bell mouth etc. approved by Architect/Engineer. The average thickness of complete treatment shall be 100 mm. The surface shall be rendered hard and tough to withstand the weather, normal domestic use. The rate is inclusive of the cost of watering, tamping, curing and cleaning the top of all dust, loose materials, stains etc. complete as directed. Debris shall become contractor's property. The finished terrace surface shall be ponded for a period of 10 days to test for any leakage without any extra cost. Clear horizontal measurement between walls will be paid for actual.	18.00	SQ.MT.	2,700.00	48,600.00
3	PLASTERING Providing and laying Internal plaster of average 12/15 mm thk in Two coats in CM 1:4 to walls, ceiling at all heights including necessary scaffolding curing etc complete. Rate includes adding polypropylene fibre of approved quality as per proportion specified in the manufacturers specifications, chicken mesh, nails, curing etc complete as directed by the Architect/ SBI Engineer. (Measurement L x H)	1300.00	SQ.MT.	550.00	7,15,000.00
4	GRANITE SILL (Up to 150mm wide) Removing existing plywood/existing stone and remove the loose plaster and the same to be replaster in 1:4 Cement Sand including curing etc. Providing & fixing in position mirror polished Granite cill frames made out of 18mm/20mm thk composite granite as selected by the Architect/SBI Engineer. The rate should include full round machine moulding with mirror polishing of edges, cutting slots for metal washer, aldop etc. using core cutting machine etc. complete. (Basic Cost of Granite is Rs. 150/-per SFT) (Measurement Length)	120.00	RMT	1,075.00	1,29,000.00
5	FULL BODY VITRIFIED TILE FLOORING (IN 2 TO 3 COLOURS) WITH INLAY Providing and fixing 10mm thk. vitrified tiles as specified below conforming to I.S. 15622-2006 with water absorption less than 0.08% and of approved quality, pattern and colour for dado in the wet area including preparing the surface and levelling in the desired line, backing of 20mm thk. cement mortar in proportion 1:3 with approved waterproofing compound, square cut top edge or chamfered top edge in cement mortar 1:3, cement float, machine cutting, levelling, jointing, filling the joints with neat cement slurry or approved epoxy based compound of matching shade colour grout, finishing, curing etc complete as directed by Architect SBI Engineer. Light coloured glazed vitrified tiles/ Dark coloured glazed vitrified tiles in 2 or more colours as per pattern. The average 100mm to 125mm bedding thickness in order to incorporate Aluminium raceways for electrical work Provide & Lay P.C.C. (1:2:4) for floor levelling of any thickness as directed by the Architect/ Bank Engineer for to conceal the raceways for electric work. Make: Kajaria/Somany/Johnson/Simpolo/AGL or equivalent as per sample approved by the SBI Engineer. (Basic Tile Cost Rs. 80/- PER SQ.FT. or Project Discount Given by the Company) (Measurement L x W) Tile size: 600mm x 1200 mm (Full body tile in 2 or 3 colours with Inlay shown in the passage) The rate is including of the inlay no amount will be paid extra for wastage for fixing inlay design). (Measurement L x W)	1400.00	SQ.MT.	1,875.00	26,25,000.00
	TOTAL OF [A]: CIVIL WORK			RS.	36,48,800.00

Sr. No.	Description	Quantity	Unit	Rate	Amount
[8]	STRUCTURAL REPAIRING WORK				
1	POLYMER WORK IN THE FLOORING & COLUMNS (UPTO 32MM IN 2 LAYERS) Before demolition Examine concrete by tapping with light hammer and carefully removing carbonated concrete around the rebars up to 15-40 mm depth by low impact high frequency hammer/chipper without damaging the sound concrete. The chipped concrete shall be cleaned using high pressure water jet with clean potable water. Daily cleaning and stacking of debris at prescribed location in polypropylene/ paper bags, disposing off the debris so generated on weekly basis out side the premises, etc. The area to be marked in straight line geometrical forms, The demarked area shall be grove cut by cutter on periphery to make perfect wedge shapes up to 32 mm depth. Complete including stacking the serviceable material as directed at site & carting away unserviceable material/ debris to a place approved by Navi Mumbai Municipal Corporation. Complete as directed by the Architect / SBI Engineer. The rate is inclusive of necessary scaffolding, formwork, plates and metal supports, core cutting etc. as directed by the Architect/SBI Engineer. Alkaline rust converting primer for exposed reinforcement bars Clean existing reinforcement with wire brush/ rotary wire brush to make surface free from rust scales, loose material, dirt etc. complete and Providing & applying Alkaline Rust converting primer Feovert in two coats conforming to ASTM-B-117 & ASTM-G-60-86 to exposed existing rebars after removing & cleaning loose rust by wire brush and leave it for 6-8 hours.	420.00	SQ.MT.	1,250.00	5,25,000.00
2	GROUTING Provide & fixing Teflon nozzles compatible with epoxy injector Drilling Holes of 12mm Dia, up to 100mm deep holes in structural members at the intervals of 500mm c/c for slab , 300 mm c/c for column and beam in staggered manner or along the crack as directed by the consultants in RCC structural element including cleaning of the holes by air blower and Inserting 12mm dia. Teflon nozzles compatible with epoxy injector and having machined external end to receive outlet of grouting gun. Fix it inside the holes by applying thixotropic epoxy putty to ensure complete sealing and allow to cure the system for minimum 8 hrs before grouting including removing nozzle projections, excess putty if any over concrete element grinding, levelling and finishing the external surface, after completion of the work, etc complete as directed by The Architect / SBI Engineer. Grouting Injecting/Gravity pouring / deck flooding over porous slab or concrete area with low viscosity high molecular weight thermoset polymer grout Monopol 250 H or equivalent to improve the micro structure of concrete, Including mixing material components part a and part b in required quantities as per mfg instruction by weigh batching spreading on area by broom brush at a rate of 1kg/sqm. Monitor leakages through other side of the member and seal them as per the requirement. Broadcast quartz sand over tacky surfaces to ensure mechanical keys for subsequent coating. Allowing the system to cure etc. complete. Test the system for pull out at 3 locations. Complete as directed by the Architect/SBI Engineer. KRISHNA CONCHEM / BASF / FOSROC / Sika	1700.00	NOS	385.00	6,54,500.00
3	CEMENTOUS GROUTING WHERE HEAVY LEAKAGE (4 NOZZLES PER SQ.MTS) Thoroughly clean the surface of slab with wire brush and Fill the slab area to check the water tightness of the RCC slab / sunken slab prior to waterproofing treatment. Mark the leaking points and treat them to make the leaking spots watertight using injection cement grout mixed with Master Flow 150 or low viscous epoxy grout using Master Inject 1315 by drilling the hole and fixing the nozzles using Master Emaco S 348 or equivalent (Sika/BASF/Fosrock/kerakoll/ Mapei) Note: Rate is inclusive of cement. Complete as directed by the Architect / Engineer.	1900.00	NOS	286.00	5,43,400.00

Sr. No.	Description	Quantity	Unit	Rate	Amount
4	REPAIRING CONCRETE AREAS USING NON SHRINK, FREE FLOW, CORROSION INHIBITING MICROCONCRETE MOLITH-MC Examining concrete by tapping with light hammer and carefully removing carbonated concrete around the rebars up to 15-40 mm depth by low impact high frequency hammer/chipper without damaging the sound concrete. The chipped concrete shall be cleaned using high pressure water jet with clean potable water. Daily cleaning and stacking of debris at prescribed location in polypropylene/ paper bags, disposing off the debris so generated on weekly basis out side the premises, etc. The area to be marked in straight line geometrical forms, The demarked area shall be grove cut by cutter on periphery to make perfect wedge shapes up to 25 mm depth. Complete including stacking the serviceable material as directed at site & carting away unserviceable material/ debris to a place approved by Navi Mumbai Municipal Corporation. Complete as directed by the Architect / SBI Engineer. The rate is inclusive of necessary scaffolding, formwork, plates and metal supports etc. as directed by the Architect/SBI Engineer) Alkaline rust converting primer for exposed reinforcement bars Clean existing reinforcement with wire brush/ rotary wire brush to make surface free from rust scales, loose material, dirt etc. complete. Providing & applying Alkaline Rust converting primer Feovert in two coats conforming to ASTM-B-117 & ASTM-G-60-86 to exposed existing rebars after removing & cleaning loose rust by wire brush and leave it for 6-8 hours. The rust converter shall have a minimum pH of 7.5 and shall be able to convert both hematite and magnetite forms of rust shall pass 400 alternate immersion cycles in 3.5 % NaCl. wherever directed it should be cleaned using high pressure water jet with clean potable water. Complete as directed by the Architect / Consultant / SBI Engineer. The rate is inclusive of necessary scaffolding, formwork, plates and metal supports etc. as directed by the Architect/SBI Engineer) Corrosion protection of unexposed/hidden rebars using corrosion inhibiting coating Providing and applying concrete penetrating, migratory bipolar corrosion inhibitor EPCO KP-100 conforming to ASTM-G-109) by brush/spray with dosage of 45qm/ ltr, over the entire chipped off / exposed concrete area including material, equipment, labour etc. complete in order to arrest further corrosion of reinforcement bars. The application of EPCO-KP-100 shall reduce the corrosion in terms of coulombs by 30% minimum upon migration through the embedded side of concrete as measured by mA - hrs. Complete as directed by the Rebuilding the section of damaged RCC elements to its original size or as per consultants recommendations by providing and casting with micro concrete of grade M40 including providing and fixing of watertight foam faced finish shuttering where ever required of minimum 18 mm th. with supporting framework, all lead lift, mixing, placing, deshuttering, levelling the surface by grinding off cementitious slurry or construction joint differences if any to satisfaction of engg. in charge, curing etc. complete. (Rate including- cube test to be conducted for every 5 M.T. workdone. 6 no's of sample required per test). Ensure the quality of water by testing water as per IS 456 and document the same. Ensure temperature at time of mixing should be between 25 to 40 degree Celsius by electronic temperature gauge. The rate also includes for Providing & making Centering, shuttering, Formworks for columns, beams & slabs including strutting, propping etc. and removal of form for (a) columns, pillars, Piers, Abutments, Posts and Struts. Complete as directed by the Architect/SBI Engineer. Complete as directed by the Architect / Consultant / SBI Engineer. KRISHNA CONCHEM / BASF / FOSROC / SIKA	18500.00	Kg	75.00	13,87,500.00
5	CURING COMPOUND ACRYLIC WATER BASED Providing and applying over the newly deshuttered / laid concrete surface a coat of curing compound water based acrylic emulsion as per manufactures specifications, etc complete. KRISHNA CONCHEM / BASF / FOSROC / SIKA (Measurement L x W)	990.00	Sqmt	85.00	84,150.00
6	TOR STEEL Providing and fixing additional corrosion resistant steel rebar Fe 415 or higher grade 10mm dia 150mm Centre to Centre both ways in various structural elements like column, beams and Slab etc to replace the lost rebars section due to corrosion including cutting, bending and fixing the bar, tying with preleft bars by GI binding wire, retouching local damages in coating if any of with Zinc spray, etc. complete.	1400.00	Kg	125.00	1,75,000.00
7	REBARING HILTI HY 200 Providing, Supplying, transporting materials, drilling holes by rotary hammer drill, dust removing, batching, mixing of resin and hardner Hilti HY 200, inserting & anchoring rebars of 8 mm dia rebar in 12 mm dia holes and 110 mm deep using HY 200dia. in existing concrete surfaces using resin based anchoring grout and necessary rebaring of reinforcement steel (steel rebars to be paid separately)	1850.00	Nos	250.00	4,62,500.00
8	TREATMENT OF EXPANSION JOINT WITH POLYSULPHIDE SEALANT ("TECHSEAL" RDL 942 TREATMENT OF EXPANSION JOINT WITH POLYSULPHIDE SEALANT ("TECHSEAL" RDL 941 / 940 OR EQUIVALENT) Providing and filling the expansion joint with a rubberized, flexible polysulphide sealant TECHSEAL-940 or equivalent after cleaning the joint thoroughly to remove the foreign particles such as laitance etc. inserting the back-up filler expanded polystyrene affixed with a bond-breaker over it, repairing the edges of the joint with epoxy repair mortar Techoxy, application of primer RDL-942 on the sides of the joint and finally filling the top portion with sealant and tooling the sealant for smooth finish including removal of masking tapes from both sides of the joint and disposal of debris etc. complete in all respects (40 x20mm) (Measurement L)	30.00	Rmt	1,540.00	46,200.00
	TOTAL OF [B]: STRUCTURAL REPAIRING WORK			RS.	38,78,250.00

C	FURNISHING WORKS				
	PARTITION & DOOR WORK				
1	MAIN ENTRANCE DOUBLE DOOR (TOUGHENED GLASS) (Size: 900mm x 2100mm HT x 2 nos.) Providing & fixing Main entrance door made of Modular Aluminium Double leaf door frame of approved make 45mm System, using (45mm x 35mm) For Flush & Glass Door. Door. Frame Dimension – 45mm x 35mm. Finish – 15 to 16 micron Silver / Mid Night Black or Anodized colour as approved by the Architect with 6063 T5 grade. (HARDWARE : Floor Spring, Saddle plate , Glass Hinges, Studio lock or Bottom lock , H type 600mm high, door stopper) etc. as approved by the Architect/ SBI Engineer. The cost is inclusive of all materials, labour etc. complete. (DORSET/ DORMA/ OZONE/ENOX) for Hardware (SAINT GOBIN/ MODI/ ASAHI) for Glass) Make : Dorma, Otic, Jeb, Kubik, Redplus, Alloy or Equivalent as approved by the Architect/ SBI Engineer. (Measurement Width x Height up to false ceiling)	4.00	SQ.MT.	10,450.00	41,800.00
2	G.M., DGM & MEETING ROOM FRONT TOUGHENED GLASS PARTITION WITH ALUMINIUM FRAME (MODULAR) Providing & fixing Modular Aluminium single glazed partitioning frame of approved make 45mm System, using 45mm x 25mm as top channel, wall starter, and 45mm x 25mm bottom channel. Partition Dimension – 45mm x 25mm. Finish – 15 to 16 micron Silver / Mid Night Black finish or Anodized colour as approved by the Architect with 6063 T5 grade. Glass to glass butt joint with I, L & T Joint Black finish . Glass type- 10mm thk toughened glass Acoustic performance STC 28 TO 32 DB. The cost is inclusive of all materials, labour etc. complete. Provide and fix 19mm BWR ply finish with 0.8 mm thk laminate on all side above false ceiling with aluminium 50mm x 50mm x 16 gauge frame work support from slab complete as directed by the Architect. (DORSET/ DORMA/ OZONE/ENOX) for Hardware (SAINT GOBIN/ MODI/ ASAHI) for Glass) Make : Dorma, Otic, Jeb, Kubik, Redplus, Alloy or Equivalent as approved by the Architect/ SBI Engineer. (Measurement : Length x Up to false ceiling)	65.00	SQ.MT.	5,000.00	3,25,000.00
3	FROSTED FILM ON GLASS PARTITION Providing & Fixing frosted film manufactured by 3 M approved or equivalent on glass partition as per pattern & design wherever required as per the instruction of Architect/SBI Engineer.	35.00	SQ.MT.	1,500.00	52,500.00
4	FULL HT PLYWOOD PARTITION FINISHED ON ONE SIDE WITH 1.0MM THK PREMIUM LAMINATE (IN 2 TO 3 COLOURS) AND ON ONE SIDE 6.0MM THK BACK-PAINTED/ LAQUERED TOUGHENED GLASS (IN 2 TO 3 COLOURS) Providing & fixing in position 81mm thick partitions made of 50 x 50mm thick aluminium section at 450mm/600mm centre to centre framework of approved quality both ways and the same is covered with 12mm thk fire resistance commercial ply on both side finish on one side with 1mm thk Premium laminate in 2 or more colours and one one side providing & fixing 6mm thk back painted toughened glass in 2 to 3 colours fixed on the ply with 3M Adhesive film fixed at 300mm centre to centre/patch fittings if necessary. The rate is inclusive of carrying out necessary cutting for A.C. Duct, cable tray for running LAN cable & power cable. Complete as per design, drawing & direction given by the Architect/ SBI Engineer. (Mode of Measurement: Length x Height upto Finished False ceiling)	54.00	SQ.MT.	8,500.00	4,59,000.00
5	FULL HT PLYWOOD PARTITION FINISHED ON ONE SIDE WITH 4.0MM THK VENEER (IN 2 TO 3 COLOURS) FINISHED WITH MELAMINE POLISH AND ON ONE SIDE 6.0MM THK BACK-PAINTED/ LAQUERED TOUGHENED GLASS (IN 2 TO 3 COLOURS) Providing & fixing in position 84mm thick partitions made of 50 x 50mm thick aluminium section at 450mm/600mm centre to centre framework of approved quality both ways and the same is covered with 12mm thk fire resistance commercial ply on both side finish on one side with 4.0mm thk Veneer in 2 to 3 colours finished with 2 to 3 coats of Melamine Polish and one one side providing & fixing 6mm thk back painted toughened glass in 2 to 3 colours fixed on the ply with 3M Adhesive film fixed at 300mm centre to centre/patch fittings if necessary.				
	The rate is inclusive of carrying out necessary cutting for A.C. Duct, cable tray for running LAN cable & power cable. Complete as per design, drawing & direction given by the Architect/ SBI Engineer. (Mode of Measurement: Length x Height upto Finished False ceiling)	8.00	SQ.MT.	10,000.00	80,000.00
6	FULL HT PLYWOOD PARTITION FINISHED ON BOTH SIDE WITH 6.0MM THK BACK-PAINTED/ LAQUERED TOUGHENED GLASS (IN 2 TO 3 COLOURS) Providing & fixing in position 84mm thick partitions made of 50 x 50mm thick aluminium section at 450mm/600mm centre to centre framework of approved quality both ways and the same is covered with 12mm thk fire resistance commercial ply on both side finish on both side with 6mm thk back painted toughened glass in 2 to 3 colours fixed on the ply with 3M Adhesive film fixed at 300mm centre to centre/patch fittings if necessary. The rate is inclusive of carrying out necessary cutting for A.C. Duct, cable tray for running LAN cable & power cable. Complete as per design, drawing & direction given by the Architect/ SBI Engineer. (Mode of Measurement: Length x Height upto Finished False ceiling)	8.00	SQ.MT.	12,000.00	96,000.00

7	FULL HT PLYWOOD PARTITION FINISHED ON ONE SIDE WITH 4.0MM THK VENEER (IN 2 TO 3 COLOURS) FINISHED WITH MELAMINE POLISH AND ON ONE SIDE 1.0MM THK PREMIUM LAMINATE (IN 2 TO 3 COLOURS) Providing & fixing in position 79mm thick partitions made of 50 x 50mm thick aluminium section at 450mm/600mm centre to centre framework of approved quality both ways and the same is covered with 12mm thk fire resistance commercial ply on both side finish on one side with 4.0mm thk Veneer in 2 to 3 colours finished with 2 to 3 coats of Melamine Polish and one one side providing & fixing 1mm thk Premium laminate in 2 or more colours. The rate is inclusive of carrying out necessary cutting for A.C. Duct, cable tray for running LAN cable & power cable. Complete as per design, drawing & direction given by the Architect/ SBI Engineer. (Mode of Measurement: Length x Height upto Finished False ceiling)	8.00	SQ.MT.	6,350.00	50,800.00
8	LOW HT PLYWOOD PARTITION FINISHED ON BOTH SIDE WITH 1.0MM THK PREMIUM LAMINATE (IN 2 TO 3 COLOURS) Providing & fixing in position 68 mm thick partitions made of 50 x 50mm thick aluminium section at 450mm/600mm centre to centre framework of approved quality both ways and the same is covered with 12mm fire resistance commercial ply on both side finish with 1mm laminate in 2 or more colours with necessary cutting for A.C. Duct, cable tray for running LAN cable & power cable. complete and as per design and drawing given by the Architect/ SBI Engineer. (Mode of Measurement : Length x Height)	11.00	SQ.MT.	4,500.00	49,500.00
9	FULL HT PLYWOOD PARTITION FINISHED ON BOTH SIDE WITH 1.0MM THK PREMIUM LAMINATE (IN 2 TO 3 COLOURS) Refer Same specification as mentioned above complete and as per design and drawing given by the Architect/ SBI Engineer. (Measurement : Length x Height)	66.00	SQ.MT.	4,500.00	2,97,000.00
10	SLIDING FOLDING PARTITION FOR MEETING ROOM Providing 2' 3" frame both & top side providing 35mm thk flush door be fixed both side 1mm Laminate & fix ½" x 77"or upto false ceiling high wood patti to be fixed at thickness of shutter finish with 1mm premium laminate. Necessary SLIDING FOLDING HARDWARE AS APPROVED BY THE ARCHITECT Dorma/Hettich/Hafle/Enox brand OR EQUIVALENT 44mm x 38mm x 150mm heavy duty hinges 4 nos. to each shutter to be fixed & provide 75mm x 63mm T.W. frame 2510mm high 2 nos. & 3980mm long 1 nos. to be provided & finished with 1mm thk. laminate to be fixed & providing necessary U channel in top & bottom of floor in flooring 3980mm long as per design & all six doors will have conceal handles & long tower bolt as per design & all the doors finish with laminate in pattern as per direction of the Architect. (total doors 5 shutters of 965mm x 2400mm) will be folded at one side. complete as directed by the Architect/SBI Engineer. The Rate is inclusive of necessary support from ceiling, Top Channel & Bottom channel as directed by the Architect. (Measurement : Length x Height upto false ceiling)	10.00	SQ.MT.	8,800.00	88,000.00
11	DGM'S CABIN & MEETING ROOM DOOR (.90 X 2.29 X 5 NOS) providing and fixing of Modular Aluminium single leaf door frame of 45mm System, using 45mm x 35mm frame Glass Door. Door Frame Dimension – 45mm x 35mm. Finish. Shutter - 60 x 35mm Using glass bead horizontal bottom with 10mm thk.toughened glass having rubber gasket. Finish – 15 to 16 micron Silver / Mid Night Black Anodized colour with 6063 T5 grade. (HARDWARE : Open door closer , Flush Hinges, Dead lock or Mortise lock , DD type or liver handle, door stopper). complete as directed by the Architect/ SBI Engineer. (VEDIC/DORSET/ DORMA/ OZONE) for Hardware (SAINT GOBIN/ MODI/ ASAH) for Glass) Make : Dorma, Otic, Jeb, Kubik, Redplus, Alloy	10.00	EACH	47,000.00	4,70,000.00
12	105MM X 105MM SYSTEM- PORTAL FOR ACCESS CONTROL Providing & fixing of Modular Aluminium single glazed partitioning frame system Size 105mm X 105mm, Used for access control portal, Finish – Mid Night Black / Silver Anodized colour with 6063 T6 grade. Section size 3000mm length Complete as directed by the Architect / SBI Engineer. Make : Dorma, Otic, Jeb, Kubik, Redplus, Alloy	4.00	EACH	9,900.00	39,600.00
13	DUCT DOORS 6 Nos. (600mm x 2100mm)x 6 NOS. Providing, fixing Shaft doors. Shutter: The shutter of the shaft door to be formed out of 19mm thick commercial ply finished in 1mm thick in 2 colours as approved laminate on both sides. Frame: The frame to be formed out of 50mm X 50mm approved Teak wood finished with 1mm Laminate Complete. Hardware: All necessary hardware's of (Godrej/ Dorma/ Ozone make i.e. SS butt hinges, lock for each shutter, tower bolt etc. complete as directed by the Architect/ SBI Engineer. (Measurement : Length x Height)	8.00	SQ.MT.	4,450.00	35,600.00
14	2hr. FIRE RATED HOLLOW METAL DOORS - Painted / Wood Stained Removing existing Fire Door & Providing & Fixing Fire Door 2 HOURS METAL FIRE DOOR as per the specification below. The contractor should remove existing door including frame and make necessary breaking replastering to install standard size of door as directed by the Architect/ Bank's Engineer. Providing and fixing of Hollow metal fire rated doors as per IS 3614 part-1 & part-2 for stability and integrity. Pressed Galvanized steel conforming to IS 277 with specifications as stated below. Recommended fire doors shall have door tested at CBRI for maximum rating of two hours with vision panel. Test certificates should be available for vision lites /panels as part of the fire door assembly. The doors supplied should be within the tested specimen, deviation in specification and sheet thickness other than what is mentioned in the test certificates is not allowed. Proper label confirming the type of door and the hourly rating is mandatory for every door assembly. Door frame shall be double rebate frame profile of size 100 x 58 mm made out of 1.60mm (16 gauge) minimum thick galvanized steel sheet. Frames shall be Mitered and field assembled with self tabs. 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. Once frame is installed, should be grouted with cement & sand slurry as necessary for fire doors. Door leaf shall be 47 mm thick fully flush double skin door with or without vision lite. Door leaf shall be manufactured from 1.2mm (18gauge) minimum thick galvanized steel sheet				

	The internal construction of the door shall have reinforcements for receiving appropriate hardware. The infill material shall be resin bonded honeycomb core. All doors shall be factory prepped for receiving appropriate hardware. The edges should be interlocked with lock seam. For pair of doors astragals will be provided as required. 200x300mm Vision lite wherever applicable should be provided as per manufacturers recommendation with a bedding and screws from inside. The glass should be 6mm clear borosilicate fire rated glass of relevant rating of the door. All doors and frames shall be finished with Pure Polyester Powder Coated to any RAL Shade / Wood Stained to withstand 300 hours of salt spray.				
	DESCRIPTION OF DOOR :- FRAME FROM 100x58x1.2MM THICK GALVANISED IRON SHEET SHUTTER FROM 0.8MM THICK GALVANISED IRON SHEET [THK,47MM] INFILL MATERIAL - HONEY COMB PAPER FINISHES SHADE - As Approved by the Architect/Bank's Engineer. DESCRIPTION OF HARDWARE :- A. TS71 DOOR CLOSER WITH STD ARM (DORMA) - 1 NOS B. 6MM THICK FIRE RATED VISION PANEL 200MM X 300MM - 1 NO C. D TYPE BACK TO BACK PULL HANDLE 300MM X 22MM (DORMA) - 1 SET. D. 706 DEAD LOCK WITH BOTH SIDE KEY & 70MM EPC (DORMA) - 1 NO. E. S.S. 3090F BALL BEARING BUTT HINGE 4"x3"x3MM (DORMA) - 3 NOS. Dorma PHA Push bar for doors up to 1000mm wide. The colour of the door is as approved by the Architect/ Bank's Engineer. Rate should include supply and installation of door and hardware set as mentioned in the door and hardware schedule. Complete the work as per site conditions and instructions of Architect, Bank's Engineer. Make :- Matrix, Shakti met, Novair, JC FIRE. (Measurement : Length x Height)				
14(a)	2 Hrs Fire Rated Double Leaf Door Of Size : With Vision panel & Panic Bar Size 1500 X 2100 MM (in Two panes) x 2	6.30	SQ.MT.	17,800.00	1,12,140.00
14(b)	2 Hrs Fire Rated Double Leaf Door Of Size : With Vision panel & Panic Bar Size 1800 X 2100 MM (in Two panes) x 2	7.56	SQ.MT.	17,800.00	1,34,568.00
14(c)	2 Hrs Fire Rated Double Leaf Door Of Size : With Vision panel Size (900 X 2100 MM) X 4nos. For UPS & Server	7.56	SQ.MT.	17,800.00	1,34,568.00
15	ELECTRIC PANEL ENCASING Providing and fixing Electrical Board Cabinet electrical panel board area shutter (openable and partly louvered) made out of 19mm thick BWR grade ply boxing, shutters. The Board will have 12mm. thk back of BWR grade ply with 12mm. thk bison board top on all internal surfaces and 1.0 mm thick laminate finish on front, with app. Colour polish to external edges brass hinges, handles etc. as per the details. The shutters should have 300mm ht Powder coated louvers on top and bottom for ventilation. Complete as directed by the Architect/ Bank's Engineer. (Measurement : Length x Height)	10.00	SQ.MT.	5,280.00	52,800.00
16	DOOR WITH SHELF FOR STORAGE BELOW WINDOW CILL (Laminate Finish) (5360 MM X 860MM HT.) X 21 NOS. Removing existing Doors Units and Providing & fabricating equal numbers of door approx. size 450mm to 500mm doors made of 18mm ply finish with 1mm premium laminate in 2 to 3 colours as approved by the Architect. In one module 4 doors on either side of modular table and wherever modular work stations are touching the window in that area 18mm plywood will be fixed and finish with 1mm premium laminate in 2 to 3 colours as approved by the Architect. provide and fix 18mm vertical as horizontal plywood for fixing one shelves for hinges, tower bolt, locks etc. complete as directed by the Architect. all internal area to be finish with 0.8mm laminate. Provide necessary brass hardware handle, lock, hinges, tower bolt etc. Complete as directed by the Architect/ SBI Engineer. The contractor should carry out this work in his workshop and finish material should install at site as per the direction of the Architect. (Hettich / Enox/ Hefele or Equivalent make hardware as approved by the Architect/SBI Engineer). (Measurement : Length x Height)	100.00	SQ.MT.	5,280.00	5,28,000.00

	PANELLING WORK				
17	COLUMN PANELLING WITH 1.0 MM THK PREMIUM LAMINATE (IN 2 TO 3 COLOURS) & 6MM THK BACK PAINTED TOUGHENED GLASS (IN 2 TO 3 COLOURS) (2750 mm ht) Providing and fixing panelling made of aluminium frame 50mm x 38mm 16gauge at 450mm / 600mm centre to centre both ways with necessary packing of Teak wood/plywood packing members to achieve the size of column 813mm x 813mm on aluminium frame fix 12mm MR Ply up to 900mm from floor tile finish with 1mm thk				
	laminated in 2 or 3 colours as approved by the Architect above 900mm to 2100 mm provide and fix 6mm MR ply finish with 1mm laminate in 2 or 3 colours as approved by the Architect. Provide and fix 6mm back painted Toughened glass at 900mm to 1980mm 2 to 3 colours glass and at 1980mm to 2100 another colour back painted Toughened glass as selected Architect/ SBI Engineer. The cost shall include applying 2 or more coats of Anti-termite paint to internal surfaces. The Rate includes all materials, hardware, labours, polishing, making services/ electrical provisions/ access with necessary doors etc. complete as per sample approved by the Bank. Complete as directed by the Architect/ SBI Engineer. (Measurement : Length x Height)	240.00	SQ.MT.	4,250.00	10,20,000.00
18	WALL PANELLING WITH 1.0MM THK PREMIUM LAMINATE (IN 2 TO 3 COLOURS) Providing and fixing panelling made of aluminium frame 50mm x 38mm 16gauge at 450mm / 600mm centre to centre both ways finish with 8mm MR Ply with 1mm premium laminate in 2 or 3 colours as approved by the Architect Complete as directed by the Architect/ SBI Engineer. (Measurement : Length x Height)	290.00	SQ.MT.	2,650.00	7,68,500.00
19	WALL PANELLING WITHOUT LAMINATE Refer Same specification as mentioned in item on.18 without laminate. Complete as directed by the Architect/ SBI Engineer. (Measurement : Length x Height)	10.00	SQ.MT.	1,850.00	18,500.00
20	G.M.'s CABIN WALL PANELLING WITH 4MM THK VENEER (IN 2 TO 3 COLOURS) Refer Same specification as mentioned in C-18. provide and fix 4mm thk veneer (Ivory base figured sycamore/Chenchen & Contrast base Fumed Chestnut/Sapele) with melamine polish in 2 to 3 coats as against Laminate. Complete as directed by the Architect/ SBI Engineer. (Measurement : Length x Height)	15.00	SQ.MT.	4,550.00	68,250.00
21	ACOUSTIC DECORATIVE TILES ON WALL Supply and installation of acoustic wall panels of square/ rectangular/ triangular/Customized shape, with a thickness of 20mm thickness of size as per architect's intent, manufactured from high density resin bonded fiberglass insulation with acoustic fleece lining on the facing side and with chemically edges hardened edges and covered with acoustic fabric of Architects choice and colour. The glass wool core should have a minimum density of 96kg/m3. The edges of the acoustic wall panels should not be made from wooden frame or edge banding tape or any external foam material other than the chemically hardened and polished edges to avoid any imperfections and also to avoid unnecessary weight on the clouds. The core of the panels should be Class A Fire rated with Flammability as per ASTM E84 Class 1. The absorption properties showing the octave band SAC data of the panels when tested according to Type A mounting should be tested by independent third-party government laboratory such as ARAI as per ASTM C423 / ISO 354 and should be possible to verify the authenticity of the report by cross verifying with the lab. Fabric used to wrap around the panels should be made of 100% Polyester – Class A Fire Treated with Flammability as per ASTM E84 Class 1 or A Width 54 inches, Weight-375 Grams/Meter ±5%, Abrasion Resistance 80000 Cycles, Colour Fastness Wet:4, Dry: 5, Color Matching, Batch to batch variations in shade may occur within commercial tolerances. Maintenance - Daily dusting & vacuum cleaning, weekly wet cleaning. The panels can be mounted using adhesive to the flat surface by following Type A mounting methodology or by the way of impaling clips or Z clips supplied by the manufacturer of the panels (to be mounted according to the mounting option).	15.00	SQ.MT.	4,400.00	66,000.00

	FALSE CEILING WORK				
22	MINERAL FIBRE FALSE CEILING (Suspended) In Cabins & Meeting Room Dune max mineral fibre 600x600 with 0.7 NRC- sand textured finish (Approved Make : Knauf, AMF, Danoline or equivalent) Providing & Fixing of Mineral Fibre Acoustical Suspended Ceiling System with Bevelled Tegular Edge Tiles of 20mm thickness and 15mm face exposed grid. The tiles shall have sand texture visual with acoustical punchers, Humidity Resistance (RH) of 99%, NRC 0.7 (Average value of Absorption Co-efficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) as per ASTM C423 standard, CAC of 33db as per ASTM E1414, Light Reflectance ≥84% as per ASTM E-1477, Thermal Conductivity k = 0.052 - 0.057 W/mK, Colour Global White, Fire Performance of class 0/1 as per BS 476 Part 6/7 and Class A as per ASTM E84 with 20mm bevelled Tegular edge and 8mm drop in module size of 600 x 600mm.				
	It shall be suitable for Green Building application, with Recycled content of 49%. The tile shall have certifications from GRIHA and GreenPro thereby confirming that it is an environment friendly product. SUSPENSION: The tile shall be laid on 15 mm wide T - section flanges colour global white (matching to tile color) having roll formed double stroke rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 38mm (all sections). The deflection loading of the system shall be 12.5 kg/m2 (as per standard installation layout mentioned below) and main beam tested as per ASTM C635 (Deflection limit less than L/360) with a deflection loading of 15kg/m. The end details of the cross tee shall be made of pre hardened steel and fixed to the ends of the cross tee to provide double locking between "cross tee to cross tee" and "cross tee to main beam". All main beam to main beam and cross tee to cross tee connection shall have a pull out strength of more than 100kg. The T Sections shall be made of hot dipped galvanized steel of 90 gsm as per IS 277 (2003) and pre-painted steel with baked polyester paint with OT bending capability. All border cross tee/main beam shall be levelled using perimeter fill. INSTALLATION: To comprise main runner spaced at 1200mm securely fixed to the structural soffit using suspension system (specifications above) at 1200mm maximum. The First/Last suspension system at the end of each main runner shall not be greater than 450mm from the adjacent wall along with the first and the last main beam shall be at less than 600mm from the wall. Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200 mm cross tees. Perimeter trim to be wall angles of size 3000x19x19mm, secured to walls using screws at 450mm centre to centre maximum. Installation shall be carried out as per Manufacturer recommended procedure. (Measurement : Length x Width).	226.00	SQ.MT.	1,900.00	4,29,400.00
23	CLASSIC AXIOM PERIMETER TRIM 50MM HT (Approved Make : Knauf, AMF, Danoline) Providing & Fixing of Knauf Classic Axiom Perimeter Trim with 19mm face for perimeter solution of Knauf acoustical ceiling using appropriate Knauf Accessories Classic Axiom (AX2STR42I/ AX2CUR42Ixx) to offer perimeter solution with Armstrong acoustical ceiling system. Classic Axiom (AX2STR42I/ AX2CUR42Ixx) is made of extruded aluminum of O/L dimension of 19.3 x 100 x 3000mm. The C-Shape section provides 2 flanges of 19mm each for resting of tiles. Classic Axiom must be powder coated in Global White. Profile to have engineered design boss for fitment of Tee bar connector, Splice plate Corner connector & hanger clips. Classic Axiom (AX2CUR42Ixx) can be curved to a minimum radius of 600mm Axiom Splice Plate (AX4SPLICEI/AXSPLICEI): Formed to fit into special boss in the Axiom and locked in place with factory installed screws. These Steel splice plates (AX4SPLICEI) are used to align and secure all joints between sections of Axiom trims. Corners are to be formed by mitering the end of axiom and splice plate (AXSPLICEI) to be bent at right angle for connecting the end pieces. Axiom Tee-Bar Connection Clip (AXTBCI): Commercial quality G.I formed to fit into special boss of trim and locked in place by factory- installed screws and attached to Knauf (XL-24 / XL- 15/Silhouette) suspension system members. T-Bar connection clips are used to attach the Axiom to the supporting Suspension system members. One clip is required at each location where the grid system intersects the Axiom trim. Hanging Grid clips (AXHGCI): Axioms to be hung independently to the structural soffit by engaging the Hanging Grid Clip into the boss of the Axiom trim channel and securing it to structural soffit Knauf Suspension (details mentioned below). Material & Finishes Axiom Glazing Sections: 1. Material : Aluminium Grade 6063-T6 Powder Coating 1. Coating: Pure polyester 2. Thickness: Min -50 micron (exposed surface) Accessories (Tee bar Connector/Splice Plate/Hanger Clip): 1. Material: Zinc coated Steel with Yellow passivation 2. Material Thick: 1.2mm 3. Coating Thickness: Min 7 micro INSTALLATION: Hang the sections of Axiom Trim onto the grid system by engaging the top ear of the connection clip under the boss of the channel trim. Slide the lower leg downward to engage the lower boss on the trim and secure by tightening the locking screw. Complete the installation of all channel trims sections. Install and secure the splice plates, corner pieces, and alignment plate's etc. Adjust as necessary to properly align the complete installation. Complete as directed by the Architect/ SBI Engineer.				
	1. Material: Zinc coated Steel with Yellow passivation 2. Material Thick: 1.2mm 3. Coating Thickness: Min 7 micro INSTALLATION: Hang the sections of Axiom Trim onto the grid system by engaging the top ear of the connection clip under the boss of the channel trim. Slide the lower leg downward to engage the lower boss on the trim and secure by tightening the locking screw. Complete the installation of all channel trims sections. Install and secure the splice plates, corner pieces, and alignment plate's etc. Adjust as necessary to properly align the complete installation. Complete as directed by the Architect/ SBI Engineer.	210.00	RMT	1,100.00	2,31,000.00

24	M.S. FABRICATED TRAPEZE CHANNEL SUPPORT FOR FALSE CEILING GRID BELOW 900MM TO 1500MM WIDE A.C. DUCT Providing and fixing M.S. Trapeze/Unistrut channels (with red oxide + 2 coats of synthetic oil paint) to support the False ceiling (Gypsum & Mineral Fibre board ceiling) under 900mm to 1500mm wide existing Airconditioning duct. The support should be carefully fixed at every 1200mm c/c from the slab/beams with HILTI screws and the false ceiling grid should be fixed/supported by these channels. Provide and fix extra supports wherever necessary. Complete as per design of the false ceiling and direction of the Architect/ Bank's engineer.	98.00	RMT	375.00	36,750.00
25	GYPSUM FALSE CEILING WITH COVE LIGHTING (THE RATE IS INCLUSIVE 2 OR MORE COATS OF PLASTIC EMULSION PAINT IN 2 TO 3 COLOURS) (MODE OF MEASUREMENT: PLAN AREA WILL BE MEASURED) Providing and fixing 12mm thk. Gypsum India board false ceiling at levels as shown in the drg. From FFL. Rate shall be inclusive of all Gypsum India components contained G.I. perimeter channels of size 0.55 thick having one flange of 20mm and another flange of 30mm and a web of 27mm along with perimeter of ceiling, screw fixed to brick wall / partition with the help of nylon sleeves and screws, at 610mm centres. The suspending G.I. intermediate channels of size 45mm, 0.9mm thick with two flanges of 15mm each from the soffit at 1220mm centres with ceiling angle of width 25mm x 10mm x 0.55 thick Fixed to soffit with G.I. cleat and steel expansion fasteners at every 610mm c/c. Ceiling sections of 0.55mm thickness having knurled web of 51.5mm and two flanges- of 26mm each with lips of 10.5mm are then fixed to intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel at 457mm centres. 12.5mm tapered edge Gypboard is then screw fixed to ceiling section with 25mm drywall screws sdriver or drilling machine with suitable attachment. The boards are to be jointed and finished so as to have a flush look which includes Filling and Finishing the tapered and square edge of the boards with jointing compound & joint paper tape. Rate shall be inclusive of any vertical ceiling part, spot, tube light, A. C. Grills, fire and security systems cut outs including two or more coating approved system Plastic emulsion paint to give an even shade, All Sections should adhere to the manufacturers guidelines and contractor has to submit the Gypsum India certificate on using the India Gypsum sections & boards. Refer attached sheet along with drawings for details. Complete as directed by the Architect/ SBI Engineer. (Measurement : Length x Width: Plan area will be measured)	535.00	SQ.MT.	1,000.00	5,35,000.00
26	DECORATIVE FALSE CEILING: 40MM THK BAFFLES IN MULTIPLE COLOURS Providing and Fixing 40mm thick Fabrisorb or equivalent acoustic baffles The price bid should include suspension kits (cables, D-rings). The Baffel should give high-performance sound absorbers designed to reduce echo and reverberation. Core Material: 96 kg/m³ density Rigid Fiberglass Insulation with tissue facing. Thickness: 40 mm. Facing: Acoustically transparent Fabric (available in various colors, commonly Guilford FR701 or standard ASI colors). Acoustic Performance (NRC): 0.90 – 1.15 Edge Profile: Concealed and Hardened (Square or Radius). Fire Rating: Class A fire-rated per ASTM E84.				
	Dimensions: Common sizes include 200 x 1200 mm, 200 x 1200 mm, Installation/Mounting: Suspended from ceiling using D-rings, wire clips, or twist springs (Type J mounting). Complete as directed by the Architect/Engineer. Make: Saint-Gobain Ecophon, Gypsonite, Credence, Techno Acoustic, AcousticalSurfaces	5.00	Nos.	2,350.00	11,750.00

27	DECORATIVE FALSE CEILING: 40MM THK CLOUDS OF VARIOUS SHAPES IN MULTIPLE COLOURS Acoustical clouds are free-hanging, horizontal, or angled panels designed to reduce noise and reverberation (typically NRC 0.80–1.15) while adding architectural, aesthetic value. Providing & Fixing 40mm thick Polyester Fiber, fiberglass installed via wire or threaded rod. Material and Core: Panels often consist of 100% polyester (60% PET-recycled, 40% virgin) or compressed fiberglass for superior absorption. Performance (NRC): Generally rated between 0.80 and 1.15+ (Class A absorbers). Dimensions: Standard sizes include and with custom sizes available up to 48" x 96". Thickness: 40mm for better low-frequency absorption. Shapes: Options include circles, triangles, trapezoids, parallelograms, and hexagons. Finish: Wrapped in acoustically transparent fabric with varied color options. Installation: Suspended via adjustable aircraft cables or threaded rods to allow for varied angles and heights. Edge Details: Square, bevel, or radius edges. Fire Rating: Commonly Class A fire-rated. Complete as directed by the Architect. Make: Saint-Gobain Ecophon, Gypsonite, Credence, Techno Acoustic, AcousticalSurfaces				
27(a)	1200mm Diameter CIRCULAR Shape SoundScapes Cloud (40mm thk) in Multiple Colours Refer above mentioned specification and providing & fixing 1200mm Diameter Circular shape SoundScapes Cloud (40mm thk) in Multiple Colours as approved by the Architect/SBI Engineer with necessary supports (black powder coated) fixed from the slab/beam or to the trapeze channels (below AC ducts) as per the design and direction of the Architect/SBI Engineer.	20.00	EACH	6,850.00	1,37,000.00
27(b)	900mm Diameter CIRCULAR Shape SoundScapes Cloud (40mm thk) in Multiple Colours Refer above mentioned specification and providing & fixing 900mm Diameter Circular shape SoundScapes Cloud (40mm thk) in Multiple Colours as approved by the Architect/SBI Engineer with necessary supports (black powder coated) fixed from the slab/beam or to the trapeze channels (below AC ducts) as per the design and direction of the Architect/SBI Engineer.	44.00	EACH	6,850.00	3,01,400.00
27(c)	ISOSCELES TRAPEZOID Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 2100mm length x 1000mm wide) Refer above mentioned specification and providing & fixing Isosceles Trapezoid Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 2100mm length x 1000mm wide) as approved by the Architect/SBI Engineer to be fixed in groups made of 6 clouds of the said shape to form a big hexagon (refer ceiling plan) with necessary supports (black powder coated) to keep the Hexagon shape in place and to fixed from the slab/beam or to the trapeze channels (below AC ducts) with necessary supports (black powder coated). Complete as per the design and direction of the Architect/SBI Engineer.	12.00	EACH	16,000.00	1,92,000.00
27(d)	PARALLELOGRAM Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 1750mm length x 1175mm wide x 1500mm Ht) Refer above mentioned specification and providing & fixing Parallelogram Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 1750mm length x 1175mm wide x 1500mm Ht) as approved by the Architect/SBI Engineer to be fixed in 'S' shape by joining 3 parallelogram cloud shapes together (refer ceiling plan) with necessary supports (black powder coated) to keep the 'S' shape in place and to fixed from the slab/beam or to the trapeze channels (below AC ducts) with necessary supports (black powder coated). Complete as per the design and direction of the Architect/SBI Engineer.	36.00	EACH	16,000.00	5,76,000.00
27(e)	SQUARE Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 1175mm length x 1175mm wide) Refer above mentioned specification and providing & fixing Square Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 1175mm length x 1175mm wide) as approved by the Architect/SBI Engineer with necessary supports (black powder coated) fixed from the slab/beam or to the trapeze channels (below AC ducts) as per the design and direction of the Architect/SBI Engineer.	27.00	EACH	8,500.00	2,29,500.00
27(f)	HEXAGON Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 1170mm overall length x 1015mm overall height) Refer above mentioned specification and providing & fixing Hexagon Shape SoundScapes Cloud (40mm thk) in Multiple Colours (Approx size: 1170mm overall length x 1015mm overall height) as approved by the Architect/SBI Engineer with necessary supports (black powder coated) fixed from the slab/beam or to the trapeze channels (below AC ducts) as per the design and direction of the Architect/SBI Engineer.	55.00	EACH	8,500.00	4,67,500.00
	FURNITURE WORK				

28	G.M. WORKING TABLE WITH SIDE TABLE (2100MM X 1000MM X 750MM HEIGHT) - VENEER FINISHED WITH MELAMINE POLISH FOR ALL EXPOSED SIDES & TABLE TOP TO BE FINISHED IN VENEER WITH PU COATING Providing & fabricating table made of MR ply 18mm thk for frame verticals, drawer & shutter facia 12mm for drawer sides & front apron 6mm for drawer bottom & 35mm thk Block Board for table top & provide 3.5mm thk veneer (Ivory base figured sycamore/Chenchen & Contrast base Fumed Chestnut/Sapele) to be fixed for top & exposed area as approved by the Architect/ SBI. All internal area of drawer, storage & table inside area will be finished in 0.8 mm thk. laminate. Necessary brass hardware, ozon make handle worth Rs.150/-, hinges, locks, drawer telescopic channel 2 pairs. Provide 25mm x 38mm thk BTC wood semi circular stepped design moulding to be fixed at top border. The Table top and moulding to be finished in PU coating & balance veneer area to be finished in melamine polish. Necessary brass hardware, handles, lock, hinges, telescopic channel, wire master, CPU Stand, Key board Drawer to be fixed & provide 38 x 12mm BTC wood moulding finished with melamine finish for the table top thickness. Complete as directed by the Architect/ SBI Engineer. (Hettich / Ebco/godrej or Equivalent make hardware).Complete as directed by the Architect/ SBI Engineer.	1.00	EACH	53,900.00	53,900.00
29	G.M. SIDE TABLE (1200MM X 525MM X 750MM) - VENEER FINISHED WITH MELAMINE POLISH FOR ALL EXPOSED SIDES & TOP TO BE FINISHED IN VENEER WITH PU COATING Providing & Fabricating Unit made of 18mm MR ply for top & vertical 2 drawers & 2 shutters front area, shelf & provide 35mm thk for top, 6mm thk for drawer bottom & back apron. The exposed area to be finished with 4 mm thk veneer (Ivory base figured sycamore/Chenchen & Contrast base FumedChestnut / Sapele) as approved by the Architect and the same is finished with melamine polish. All internal area to be finished with 0.8mm thk laminate including inside drawer.provide & fixing necessary telescopic channel, handle, lock, hinge, ozone make. Provide & fix 38mm thk BTC T.W. semi-circular moulding to be provided for top. The top and moulding to be finish with PU coating and other exposed area finish with mellamine polish. Complete as directed by the Architect/ SBI Engineer. (Hettich / Enox/godrej or Equivalent make hardware as approved by Architect/SBI Engineer). (Measurement : Length x Height)	0.90	SQ.MT.	21,450.00	19,305.00
30	G.M.'S REAR STORAGE UNIT (3630MM X 450MM X 750MM HT)CORNER PIECE 450MM X 450MM - VENEER FINISHED WITH MELAMINE POLISH FOR ALL EXPOSED SIDES & TOP TO BE FINISHED IN VENEER WITH PU COATING Providing & fabricating unit 3630mm long x 450mm wide & 750mm high rear storge made of 18mm MR ply frame top, shelf & bottom area & 450mm x 750mm 5 nos. verticals & 150mm high390mm wide 450mm depth 4 drawers. 6mm MR ply to be used for back. The external top, door front skirting to be finished in veneer (Ivory base figured sycamore/Chenchen & Contrast base Fumed Chestnut/ Sapele) as approved by the Architect & internal area & shelf will be finished in 0.8mm thk laminate. Necessary brass hardware such as hinges, handles, lock, tower bolt , 4 telescopic channels to be provided. Provide 38mm semicircular /stepped moulding for top & 9mm moulding for 8 shutters. The top will be finished in PU finish & other area will be finish in melamine polish. Complete as directed by Architect/Engineer. (Measurement : Length x Height)	2.80	SQ.MT.	21,450.00	60,060.00
31	D.G.M.'S WORKING TABLE (1800 MM X 750MM X 750MM) X 4 NOS. - LAMINATE FINISH (2 drawers, 1 shutter, 1 keyboard drawer) Providing & fabricating DGM's working table made of 18mm MR ply for vertical drawer front, shutter & 12mm & 6mm MR ply for drawer bottom & 35mm thk B.B. top 750mm x 1800mm. The exposed area to be finished with 1mm thk laminate as approved by the Architect and all internal area to be finished with 0.8mm thk laminate as approved by the Architect including inside drawers with all necessary brass hardware, handles, lock, S.S. Pin hinges etc & telescopic channel, wire master, CPU Stand, Key board Drawer to be fixed & provide 38 x 12mm BTC wood moulding finished with mellamine finish for the table top thickness. complete as directed. (Hettich / Enox/ Hafele or Equivalent make hardware). Including fixing 12 mm glass top with machine edge polish. Complete as per the drawing and design given by the Architect. Complete as directed by the Architect/ SBI Engineer.	4.00	EACH	38,500.00	1,54,000.00
32	D.G.M.'S SIDE RUNNER UNIT (LAMINATE FINISH) (Size: 1200mm X 450mm X 750mm) X 4 nos. Providing & fabricating 990mm x 450mm x 750mm high side table with 100mm high 2 drawers 450mm wide 2 shutters made of 18mm MR ply for vertical, horizontal, frame drawer front, shutters, Shelf & 12mm MR Ply for drawer sides & 6mm MR ply for drawer bottom. All external area to be finish in 1mm thk laminate as approved by the Architect. Drawer, internal side area to be finished in 0.8mm thk laminate as approved by the Architect. Provide necessary brass hardware handles, locks, hinges, telescopic channel. complete as directed. (Hettich / Ebco / Hafele or Equivalent make hardware) Complete as directed by the Architect/ SBI Engineer. (Measurement : Length x Height)	3.60	SQ.MT.	17,500.00	63,000.00
33	D.G.M.'s REAR STORAGE UNIT (LAMINATE FINISH) DGM-1 (2700 x 450mm x 750mm) Corner Piece 450mm x 450mm DGM-2 (2700 x 450mm x 750mm) Corner Piece 450mm x 450mm DGM-3 (1800 x 450mm x 750mm) Corner Piece 450mm x 498mm DGM-4 (2700 x 450mm x 750mm) Corner Piece 450mm x 481mm Providing side storage made of 18mm MR Ply for 4 horizontal 4 vertical 600mm Deep & 6 openable shutters with matching pvc edge beeding to thickness of ply & 6mm MR ply for back & finish externally with 1mm thk laminate as selected by the Architect and internal area to be finished with 0.8mm laminate as approved by the Architect. Provide necessary brass hardware handle, lock, hinges, tower bolt etc. Complete as directed by the Architect/ SBI Engineer. (Hettich / Ebco/godrej or Equivalent make hardware) (Measurement : Length x Height)	8.10	SQ.MT.	17,500.00	1,41,750.00
34	SOFA IN GM'S CABIN Providing & making Sofa 5 seater (3+1+1)made in solid wood and plywood wherever required. (2100 x 813 x 431/900 & arm Ht. 600mm)(813 x 813 x 431/900 arm Ht. 600mm)x2 sofa that shall be constructed from natural hard wood and commercial plywood having inner frame. The thickness of the wood should allow for the heavy tension webbing. The sofa shall have spring attached and also be padded separately. The frame shall be padded with high resilience polyurethane foam having density				

	40Kg/m ³ in seat and 32Kg/m ³ in back. There shall be cushion arm provided padded with high resilience polyurethane foam having density 40Kg/m ³ . The base of the arm shall have frame having cross -section area 70mm X 10mm. The structure shall be upholstered with leatherite tapestry 1±0.2 mm thick and 535 GSM. The understructure shall consist of SS loop leg having cross -section area 70mm X 10mm. There shall be shoe provided at the bottom to avoid scratches on the floor. The seat size shall be 535±10. Complete as directed by the Architect/ SBI Engineer. (Leatherite Cost RS. 500/- Per Meter)	4.00	RMT	16,000.00	64,000.00
35	SOFA IN DGM'S CABIN (4 NOS.) Providing & making Sofa 3 seater in solid wood and plywood wherever required. (2100 x 813 x 431/900 & arm Ht. 600mm) Refer specification as mentioned in item no 36 above Complete as directed by the Architect/ SBI Engineer. (Leatherite Cost RS. 450/- Per Meter)	8.40	RMT	15,000.00	1,26,000.00
36	SOFA Near G.M's Cabin (2 NOS.) Providing & making Sofa 3 seater in solid wood and plywood wherever required. (2100 x 813 x 431/900 & arm Ht. 600mm) Refer specification as mentioned in item no 36 above Complete as directed by the Architect/ SBI Engineer. (Leatherite Cost RS. 350/- Per Meter)	4.20	RMT	14,000.00	58,800.00
37	CENTRE TABLE FOR G.M'S CABIN & NEAR ENTRANCE 600MM DIAMETER Providing 600mm Dia Circular Table made of 19mm ply. Bottom shelf above 75mm and top at 450mm level with 75mm x 19mm Thk 375mm high 4 nos ply vertical supports with 3"high skirting made in 6mm flexible ply in 2 layers. The entire table finish with 1mm premium laminate as selected by the Architect in 2 or 3 colours. Provide & fix 62.5mm high 4 nos. castors. Complete as per the design and direction of Architect/ Engineer.	3.00	EACH	12,500.00	37,500.00
MISCELLANEOUS WORK					
38	ROLLER BLIND WITH BLACKOUT Providing and fixing of classic system Blackout fabric Roller Blinds which should be made up of 100% Polyester with Acrylic coating resistant to cracking and fraying. It should have 100% blackout rate. The fabric should be min.0.52mm (± 5%) and having min weight 358 g/sqmt (± 5%).Light Fastness ≥ 6. Can be installed (a) On Face (b) Ceiling Mount (c) On Frame (d) in Recess. The Fixing Brackets are made by steel with powder coating to give greater finish. Brackets shall be accommodating overhead or side mounting with clutch assembly on either end of the blind. The ROLLER TUBE shall be of extruded by non rusting Aluminum alloy with 1.25 mm thickness, with anodized for long life. Available in 32-40mm dia metre for small and big blinds respectively. Aluminium bottom bar with powder coating:55 microns or anodizing 10 microns. 5 colour option available. Wall thickness: 1mm. Width 15mm, Height 30mm, Weight: 300gm /rmtr (+/- 5%). for a perfect fall of fabric to avoid warpage / floating. Installation to be insert type with end caps to give a neat look. Operating Chain: #10 plastic/steel ball chain (or as per manufacturer's standard) adoptable to the clutch pitch for smooth, quiet lifting & lowering of blind. The blind can be stop in desire position with help of stop lock used for raising or lowering action of the shades. The fixing arrangements as per approved make manufacturer specification all complete as per direction of Engineer-in-charge. (Area shall measured from bracket to bracket and from top to bottom). Note:- Honeycomb / Marvel / Vista / Mac / Gaalicha or Equivalent Make	230.00	SQ.MT.	1,750.00	4,02,500.00

39	PREMIUM ACRYLIC EMULSION PAINT Supplying and applying Premium interior grade acrylic emulsion paint on walls / Ceiling / Beams: Supplying and applying two or more coats of premium interior grade acrylic emulsion paint of Asian Paints make Premium emulsion / equivalent in ICI Dulux or in Nerolac make and shade as approved over a coat of interior primer of manufacturer as per manufacturer's specifications to the interior surfaces of walls, columns, beams, ceilings, staircase rooms, lobbies, etc. and finishing smoothly using 4" brush and roller, including scaffolding up to the height of ceiling without any limitation of floor height for scaffolding, etc. complete as directed by the Architect/ SBI Engineer. The internal surfaces shall be prepared by removing old peeled off painting and damaged Neeru / POP punning completely mechanically by scrapping the surface with putty blade and wire brush and if necessary using hand machine cutter/scrapper where ever required as per the site conditions and expose the original sound surface (expose original plastered surface in case of damaged Neeru /POP surface), then clean the entire surface by sand papering, removing dusts and washing with fresh water and keep the surface for drying. In case of re-plastered surfaces) in patches or stretches shall be levelled by applying with 2 coats of Birla white wall care putty having minimum 3mm thickness in two coats and finish the putty surface with papering after adequate drying at all levels and floors. Before applying the interior primer coat, all the minor cracks on the surface shall be filled by acrylic crack fillers as per paint manufacturer specification and major cracks(more than 3mm wide)shall be filled with polymer based crack fillers of M/s Roff/Fosroc/pidilite by expanding the crack as V-groove crack filled area shall be finished with Birla white wall care putty to make the surface even and smooth. The entire prepared surface (i.e prepared surface in good condition, prepared surface having peeled off surface of old paint, prepared crack filled surface and prepared surface having patch-up Birla wall care putty) shall be finished with acrylic putty of the paint manufacturer or other superior grade as approved by Architect/SBI Engineer have a uniform surface which shall be sand papered, cleaned from all dusts and smoothened for receiving paint. The rate shall be for the work at all levels of floors including costs for all materials, labour charges, scaffolding, proper covering of the floors / windows / fixtures / furniture with tarpaulin, polythene or equivalent covering material, cleaning the surface after repairs, curing as per standard etc. complete all as per specifications and including cost for disposing debris in the Navi Municipal dump yard and also as directed by the Architect/ SBI Engineer. complete.	1935.00	SQ.MT.	230.00	4,45,050.00
40	FALSE FLOORING IN NETWORK ROOM & IN MEETING ROOM S/I/T/C of Providing & fixing false flooring up to 300mm height made of Metallic Cementous tile with anti static high pressure laminate on top of size 600 x 600 x 33 mm with supporting systems as per manufacturers specification (contactor has to provide manufacturers specification & test report for the material of work above) for UDL 1350 Kg and point load of 450 kg. along with suitable ramp to connect false floor with normal floor with M-floor / Kebao make as approved by Architect/Engineer (contactor has to provide one no. double cup panel lifter for future maintenance) make Tankaria or Equivalent (Measurement : Length x Width)	70.00	SQ.MT.	6,800.00	4,76,000.00
RACEWAYS JUNCTION BOXES AND CONDUITS					
41	S/I/T/C of 12"x12" METAL JUNCTION BOXES with MS Powder coated Cover plate. As approved by the Architect / SBI Engineer.	68	Nos.	570.00	38,760.00
42	S/I/T/C of 10"x10" METAL JUNCTION BOXES with MS Powder coated Cover plate. As approved by the Architect / SBI Engineer.	68	Nos.	500.00	34,000.00
43	S/I/T/C of 8"x8" METAL JUNCTION BOXES with MS Powder coated Cover plate. As approved by the Architect / SBI Engineer.	68	Nos.	490.00	33,320.00
44	S/I/T/C of 18"x18" METAL JUNCTION BOXES with MS Powder coated Cover plate. As approved by the Architect / SBI Engineer.	5	Nos.	650.00	3,250.00
45	S/I/T/C of 24"x24" METAL JUNCTION BOXES with MS Powder coated Cover plate. As approved by the Architect / SBI Engineer.	5	Nos.	875.00	4,375.00
46	S/I/T/C 150X38X1.5MM AL FLOOR RACE WAY Make : Bansali / Jindal or equivalent or as approved by the Architect/SBI Engineer.	590	Rmts.	1,200.00	7,08,000.00
47	S/I/T/C 100X38X1.5MM AL FLOOR RACE WAY Make : Bansali / Jindal or equivalent or as approved by the Architect/SBI Engineer.	340	Rmts.	840.00	2,85,600.00
48	S/I/T/C 75X38X1.5mm AL Floor Race way Make : Bansali / Jindal or equivalent or as approved by the Architect/SBI Engineer.	270	Rmts.	700.00	1,89,000.00
TOTAL OF FURNISHING WORK				RS.	1,15,33,596.00

D	MODULAR FURNITURE WORKS				
	Manufacture, supply and installation of factory finished Desk based Workstations as per the drg. Enclosed with following specification as mentioned below. The shop drawing of the same will have to be got approved from the Architect before execution. The bidder who is quoting should submit the Modular furniture Manufactures name along with the certificate which complies all green norms in his material used for the work station which Manufacture should submit the Necessary Certificates.				
	MODULAR FURNITURE WORKS GENERAL SPECIFICATIONS				
	Manufacture, supply and installation of factory finished Desk based Workstations as per the drg. Enclosed with following specification as mentioned below. The shop drawing of the same will have to be got approved from the Architect before execution. The Architect/Bank will direct to lowest bidder to show mock-up of 4 work stations module with all accessories of any 3 companies from the list submitted by the Contractor in technical bid of approved list at their own cost with in 7 days from the date of work order. Once the Modular Work stations approved the Contractor should place the order to Manufacture with in 7 days from the date of approval and contractor should submit th copy P.O. to the Architect/ Bank. The Modular Mfg. Company should deliver the all work station in 5 weeks and install the work station as per the phased manner. Only those Mfg who gives 5 years performance guarantee in writing and also the contractor should submit his performance guarantee.				

	Work station general specification is as mentioned below. 1) product is manufactured using renewable / recycled materials which are environmentally friendly. 2) Anodized aluminium that blends seamlessly into steel, wood and high strength Acrylonitrile butadiene styrene (ABS) 3) High pressure aluminium die-casting and weld less technology Each piece is interchangeable and can easily be reconfigured in endless permutation. 4) With every work stations includes such as privacy screens, Flip ups, trays, Raceways & Modesty Panel. 5) The extensive array of textile accent colors, laminate finishes, and vibrant choice of glass screens, makes for a fresh and young looking office space. 6) The Cable management raceway below work surface with Data and Power. Vertical raceway and tray system - can also be accessed from above with Flip ups. 7) Adequate privacy is offered with fixed/movable screens between work places				
	Work surfaces:				
	1) Work top shall be made of 25mm thick prelaminated particle board(Interior grade as per IS : 12823). The bottom should be finished with 0.60mm thick laminate. 2mm PVC edge lipping on all exposed edges. provide metal inserts below work top to fix supporting brackets, wire manager etc. Provide access flap 450mm x 150mm with soft close & brush for cable movements. 2) Laminate shades / Glass screens / colour on legs is approved by the Architect / SBI Engineer. 3) Two work surfaces could be joined back to back to avoid joints 4) "clear & strong polycarbonate Spacers" between the under structure and the table top, to have a floating look.				
	Metal perforated modesty panel				
	Providing & fixing 0.8mm thk.450MM high Metal perforated modesty panel in angular form on aisle side and in the centre for back to back work station and front side of linear work station provide & fix 1.5mm thk single skin metal panel 450mm high with vertical stiffeners to be stopped welded with modesty panel. Between modesty panel & floor 100mm clear space to be provided on aisle side and 250mm on middle portion of back to back work stations and linear work stations. Necessary support for slanted legs to be provided as mentioned in the drawing.				
	Supports:				
	1) Leg is made of "D" shape ERW Tube 60mm x 30mm x 1.60mm thick (16g) +/- 5mm subject to approval of Architect/ Engineer, which gets connected at the top by high pressure aluminium die cast connectors and fitted at the bottom by leg bush & levellers made of Acrylonitrile butadiene styrene (ABS). 2) An aluminium extrusion of genuine 6063 grade & a 40x25x1.6thk +/- 5mm subject to approval of Architect/ Engineer ERW tube both put together form a Beam & connect two individual verticals of "D" shape tube to form a complete leg. 3) provide and fix connectors with dual beam to take care of the bending stress if the length of the work surface is more. 4) The end supports to be provided for back to back tables. 5) The intermediate supports (where two tables are joined) to be shorter for adequate leg room while working. 6) The Legs for linear work stations (non sharing) to be straight and tapered. 7) The Cross Beams are made of 40x20 mm ERW tubes 16G. +/- 5mm subject to approval of Architect/ Engineer 8) The cross beams and Legs to be joined through aluminium die cast connectors by using Hi Tensile Allen bolts. 9) All metal components to be powder coated to 50-60 micron thickness.				
	Cable Management:				
	1) MS Powder Coated cable tray with separator clips for power and data, Switch plate to mount the switches / sockets as per requirement. Vertical wire entry cover with removable metal cover between the intermediate legs for wire uptake to MS Cable Tray from floor and 450mm Aluminium Flip Up for switch access. All metal components are ceramic nano coated conforming to furniture standards. Depth of cable tray will be 90mm 2) Provide separation between data and Power cables 3) Data cable channel should accommodate 50 to 60 CAT-6 cables 4) provide and fix "clip on" raceway covers with opening either side. The covers can be of CRCA or PLB and The Tray type raceways are fixed to the work surface. 5) The switch/sockets are mounted on the Raceway covers as per the requirement. (3 Sockets + 1 Switch for UPS, 1 Sockets + 1 Switch for Raw Power + 2 I.O. for Data + 1 I.O. for Telephone) 6) Provide and fix Flip up box 150mm x 150mm Flip up Arrangement on work surface so 1 Switch & 1 Socket can also be accessed from the top.The depth of flip up should not be less than 130 mm. 7) The Raceways to be 50-60 microns powder coated. 8) Cable Trays can also be provided in lieu of the Raceways when the cable access is required from the top through 'Flip ups'. 9) The size of box required to fix on cable tray should accommodate (3 Sockets + 1 Switch for UPS, 2 I.O. for Data & 1 I.O. for Telephone)The depth of Box should not be less than 130 mm.				
	10) For entry of cables from the floor into the raceways, Wire Entry covers to be provided which links the floor junction box to the raceway. The number of entry covers could be more than one per cluster depending upon the requirement. The standard size of the wire Entry covers should be 200mm in width with clip on MS covers finish with 50-60 micron powder coated. The wire entry covers at intermediate shearing legs or as per the direction of Architect / SBI Engineer.				

	Screens:				
	1) The screens to offered in four options- Glass, fabric, magnetic and composite. 2) The Glass screens should be 8mm thick in 5 different colours- White, Orange, Blue, Green and yellow. (The colour provided for glass the same colour to be provided to the frames of legs) 3) in case if fabric screens/Magnetic screens the thickness should be 12/18mm thick as approved by the Architect/SBI Engineer. 4) The Glass and Fabric screens to be mounted on the work surface by means of specially designed die cast Studs or fasteners. In Studs provide a gap of 15 mm between the screen and the work surface. in case fasteners the screens will be flush with the work surface complete as directed by the Architect/SBI Engineer. 5) <u>provide and fix 2/3 number of studs depend upon length of screen.</u>				
	6) The length of the screen will be as per the design- Normally a gap of 25- 100 mm gaps are provided from the ends of the table. The standard gap between screens- 150 mm. 7) Glass /Fabric / Magnetic END (Aisle side) screens – 12thk. These are mounted by using a detachable type End screen holder which is a high pressure die cast part. In this arrangement there will be a gap of 15mm between the screen and the work surface. 8) Glass /Fabric / Magnetic screens – 12thk. These are mounted by using detachable type Intermediate screen holders which is a high pressure die cast part. In this arrangement there will be a gap of 4mm between the screen and the work surface. 9) Provide and fix 8/10mm thick 450mm high back painted colour glass as approved by the Architect /SBI Engineer. 10)The Glass and Fabric screens are mounted on the work surface by means of specially designed die cast Studs or fasteners. Provide 15mm gap between glass and top surface of work station. The height of the screens will be 450mm in height and final height of the screens will be decided by the Architect/SBI after mock-up presentation at site. The glass / sandwich glass screens should adhere to all safety standards. The colour of the glass is as selected by the Architect/SBI Engineer. The back painted glass should look uniform in all side. 11) Provide sufficient studs for fixing the glass.				
	12) Standard gap to be provided between the glass should be 150mm and gap of 25 to 100mm from the end of the table.				
	Modular Work Station Configuration				
1	Modular Work Station 4 Seater (2400 mm x 1200 mm x 750 mm Ht./1200 mm Ht.)= 14 Nos. Back to back work stations without pedestal. (Total Work Stations 56 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	14.00	SET	52,000.00	7,28,000.00
2	Modular Work Station 6 Seater (3600 mm x 1200 mm x 750 mm Ht./1200 mm Ht.)= 15 Nos. Back to back work stations without pedestal. (Total Work Stations 90Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	15.00	SET	75,000.00	11,25,000.00
3	Modular Work Station 12 Seater (7200 mm x 1200 mm x 750 mm Ht./1200 mm Ht.)= 10 Nos. Back to back work stations without pedestal. (Total Work Stations 120Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	10.00	SET	1,50,000.00	15,00,000.00
4	Modular Work Station 10 Seater (6000 mm x 1200 mm x 750 mm Ht./1200 mm Ht.)= 2 Nos. Back to back work stations without pedestal. (Total Work Stations 20 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	2.00	SET	1,00,000.00	2,00,000.00
5	Modular Work Station 8 Seater (4800 mm x 1200 mm x 750 mm Ht./1200 mm Ht.)= 8 Nos. Back to back work stations without pedestal. (Total Work Stations 64 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	8.00	SET	95,000.00	7,60,000.00
6	Linear Modular Work Station 1 Seater (1200 mm x 600 mm x 750 mm Ht./1200 mm Ht.)= 34 Nos. Linear work stations without pedestal. (Total Work Stations 34 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	34.00	SET	22,000.00	7,48,000.00
7	Linear Modular Work Station 2 Seater (2400 mm x 600 mm x 750 mm Ht./1200 mm Ht.)= 1 Nos. Linear work stations without pedestal. (Total Work Stations 2 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	1.00	SET	35,000.00	35,000.00
8	Linear Modular Work Station 3 Seater (3600 mm x 600 mm x 750 mm Ht./1200 mm Ht.)= 3 Nos. Linear work stations without pedestal. (Total Work Stations 9 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	1.00	SET	50,000.00	50,000.00
9	Linear Modular Work Station 4 Seater (4800 mm x 600 mm x 750 mm Ht./1200 mm Ht.)= 2 Nos. Linear work stations without pedestal. (Total Work Stations 8 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	2.00	SET	66,000.00	1,32,000.00
10	Linear Modular height adjustable Work Station 1 Seater (1200 mm x 750 mm x 750 mm Ht./1200 mm Ht.)= 4 Nos. Linear work stations without pedestal. (Total Work Stations 4 Nos) Refer general specification for modular work station. Kindly check work stations as per Layout and detailed drawings. Complete as directed by the Architect/ SBI Engineer. Rates to include partitions & other necessary hardware's mentioned above.	4.00	SET	42,000.00	1,68,000.00
11	MEETING ROOM TABLE (900mm x 1500mm x 750mm) (laminated) Supply & Installation of Meeting table as per the approved design by Architect/ SBI Engineer. complete as per the drawing and design given by the Architect/ directed by SBI Engineer.	5.00	EACH	19,800.00	99,000.00

12	KEYBOARD Providing & fixing Keyboard drawer made of 0.9mm the CRCA D grade as per IS513 having size 200mm x 11.8mm single extension as per IS513. Also provide 0.9mm the mouse tray either on left or right side as per user.	410.00	EACH	1,500.00	6,15,000.00
13	CPU TROLLEY Provide powder coated CPU trolley 230mm : 345mm x 226mm x 180mm ht. made of 1mm the M.S. CRCA sheet with supports of 0.8mm the M.S. CRCA sheet.	410.00	EACH	690.00	2,82,900.00
14	General Specification for Free standing Pedestal with Cushion Size 390mm width x 450mm depth x 577mm ht. including the height of caster wheels. The Pedestal Made of 2mm CRCA (Cold Rolled Close Annealed) body shell, Top panel & bottom stiffener reinforcement member & 1.2mm the CRCA sheet for drawer front, top panel brackets & top bottom stiffeners. Also 0.8mm the CRCA sheet for drawer, drawer inner cover, drawer back cover, front & rear side stiffeners & bottom panel. The entire unit to be welded assembled. Drawer metal fronts with ABS moulded handles to be provided. All drawers fitted with double extension presion ball slide. The drawers should be suitable for Godrej Ezee files or equivalent. Provide & fix Cushion having size 386mm W x 448mm D x 81mm H made of PU foam 45kg/Cu.M density, hardness +/- about 25% compression fixed on 12mm thk recycled composite board fitted with M6 T nut. Provide 10 lever cam lock with central RH locking with actuator with lock channel mechanism. The same foam should be covered with leatherette finish. Provide & fix 50mm dia swivelling lockable castors fitted to the bottom with stiffeners. Complete as directed by the Architect/ <i>SBI Engineer.</i>				
a	PEDSTAL Manufacture, supply and installation of factory finished Free standing Pedestal with Cushion Size 400 x 450 x 640 ht. including the height of caster wheels	412.00	EACH	7,450.00	30,69,400.00
Total Modular Furniture Work				RS.	95,12,300.00

F	ELECTRICAL WORK				
a	MAIN LT PANEL / DBS				
1	S/I/T/C of 250Amps 36ka TPN MCCB with enclosure in meter room. (UPS POWER / AC) Make : LEGRAND / HAGGER/ SCHNEIDER	2	Nos.	25750.00	51,500.00
2	S/I/T/C of 160Amps 36ka TPN MCCB with enclosure in meter room. (LIGHTING & RAW POWER DB). Make : LEGRAND / HAGGER/ SCHNEIDER	2	Nos.	15750.00	31,500.00
3	S/I/T/C of 125Amps 36ka TPN MCCB with enclosure in meter room. (LIGHTING & RAW POWER DB). Make : LEGRAND / HAGGER/ SCHNEIDER	2	Nos.	13075.00	26,150.00
4	FOR LIGHTING / RAW POWER PANEL BOARD SITC of main LT Panel, wall/floor mounted/operated, totally enclosed vermin proof, indoor non draw out - cubicle type power panel fabricated out of 2 mm thick CRCA sheet having gasketed hinged cover on each cubicle fully powder coated/enamel painted after seven tank treatment / CPRI approved Manufacturer incorporating horizontal and vertical sleeved copper bus bars complete with all internal wiring danger board, two earthing lugs, cable chamber etc. as required housing below mentioned switchgears/ meters. (GA drawing of the panel to be got approved from the consultant) a) 1 Nos. 160A, TPN, MCCB, 36 ka Incomer b) 2 Nos. 100 AMPS TPN MCCB FOR lighting db & c) 2 Nos. 63Amps TPN MCCB for raw d) 3 Nos. 63Amps FP MCB, 3 NOS. DP MCB e) 1 set TPN copper bus bar of 200A capacity.(4 pole) f) 1 set, RYB indicating lamp with fuses. g) Ameter with selector switch, 3nos. of class 1.5, 200/5A, 10.0VA CTS h) Volt Meter with selector switch Class. Make : LEGRAND / HAGGER/ SCHNEIDER	2	Set.	100000.00	2,00,000.00
5	FOR UPS POWER PANEL BOARD Supply and installation / Testing / Commissioning of main LT Panel, wall/floor mounted/operated, totally enclosed vermin proof, indoor non draw out - cubicle type power panel fabricated out of 2 mm thick CRCA sheet having gasketed hinged cover on each cubicle fully powder coated/enamel painted after seven tank treatment /CPRI approved Manufacturer incorporating horizontal and vertical sleeved copper bus bars complete with all internal wiring danger board, two earthing lugs, cable chamber etc. as required housing below mentioned switchgears/ meters. (GA drawing of the panel to be got approved from the consultant) Make : LEGRAND / HAGGER/ SCHNEIDER a) 1 Nos. 200A, TPN, MCCB, 36 ka Incomer b) 4 Nos. 100 AMPS TPN MCCB c) 3 Nos. 63Amps FP MCB, 3 NOS. DP MCB d) 1 set TPN copper bus bar of 200A capacity.(4 pole) e) 1 set, RYB indicating lamp with fuses. f) Ameter with selector switch, 3nos. of class 1.5, 200/5A, 10.0VA CTS g) Volt Meter with selector switch Class.	2	Set.	103000.00	2,06,000.00
6	LIGHTING DB : S/I/T/C of 8 way TPN Vertical double door DB for with 1 Nos. 63A FP MCB , 1 Nos. 63Amps 100ma 4 Pole RCCB with 24 Nos – 6/32amps SP MCB : LEGRAND / HAGGER/ SCHNEIDER	2	Set.	21500.00	43,000.00
7	UPS Input & Output S/I/T/C of UPS Input 200AMPS 36KA FP MCCB with ms box. Make : LEGRAND / HAGGER/ SCHNEIDER	2	Set.	26500.00	53,000.00
8	RAW POWER DB : S/I/T/C of 12WAY TPN VERTICAL Double door DB WITH a) 1 No 63AMPS FP MCB, 1 NOS. 63AMP 100ma FP RCCB, 36 Nos. 6/32Amps SP MCB. Make : LEGRAND / HAGGER/ SCHNEIDER	3	Set.	27500.00	82,500.00

9	UPS POWER DB S/I/T/C of 12WAY TPN VERTICAL Double door DB WITH a) 1 No 63AMPS FP MCB, 1 NOS. 63AMP 100ma FP RCCB, 36 Nos. 6/32Amps SP MCB. Make : LEGRAND / HAGGER/ SCHNEIDER	6	Set.	27500.00	1,65,000.00
10	UPS & RAW POWER DB S/I/T/C of 12WAY SPN Double door DB WITH a) 1 No 63AMPS DP MCB, 1 NOS. 63AMP 100ma DP RCCB, 12 Nos. 6/32Amps SP MCB. Make : LEGRAND / HAGGER/ SCHNEIDER	8	Set.	7700.00	61,600.00
TOTAL RS.				RS.	9,20,250.00

b	MV CABLES				
	S/I/T/C of following sizes of PVC sheathed PVC insulated Aluminium/Copper conductor armoured cable of 1.1 KV grade in trench/ duct on surface of wall, in recess on rack, in existing pipe or on clamps, nuts & bolts including supporting clamps and hardware as required.				
1	4 Core x 50 sqmm aluminium armoured cable. WITH 8SWG GI earthing. (riser to lighting / raw panel Make : POLYCAB / RR KABLE / FINOLEX.	168	Rmts.	600.00	1,00,800.00
2	4 Core x 70 sqmm Aluminium armoured cable. WITH 8SWG GI earthing. (UPS / ac mains). Make : POLYCAB / RR KABLE / FINOLEX.	168	Rmts.	750.00	1,26,000.00
3	4 Core x 10 sqmm Copper armoured cable for ups & RAW / UPS DB . WITH 6 SQMM WIRES FOR EARTH Make : POLYCAB / RR KABLE / FINOLEX.	370	Rmts.	945.00	3,49,650.00
4	4 Core x 6 sq.mm Copper armoured cable for lighting / RAW DB WITH 4 SQMM WIRES FOR EARTH Make : POLYCAB / RR KABLE / FINOLEX.	235	Rmts.	595.00	1,39,825.00
5	3 Core x 4 sq.mm Copper Armoured cable SERVER DB Make : POLYCAB / RR KABLE / FINOLEX.	70	Rmts.	350.00	24,500.00
6	3 Core x 2.5 sq.mm Copper Armoured cable Make : POLYCAB / RR KABLE / FINOLEX.	35	Rmts.	230.00	8,050.00
7	25 sqmm CIRCUIT WIRING As above but 4x 25 sqmm pvc copper FLEXIBLE CABLE wire with flexible pipes with necessary accessories complete. Make : POLYCAB / RR KABLE / FINOLEX.	15	Rmts.	1750.00	26,250.00
8	10 Sqmm Single core copper flexible cable for earthing. Make : POLYCAB / RR KABLE / FINOLEX.	75	Rmts.	200.00	15,000.00
9	6 Sqmm Single core copper flexible cable for eathing. Make : POLYCAB / RR KABLE / FINOLEX.	60	Rmts.	150.00	9,000.00
	CABLE GLANDS & END TERMINATION WITH LUGS				
10	4 Core x 50 sqmm... Make : BRACO/ COMMET	8	Nos.	600.00	4,800.00
11	4 Core X 70 sqmm... Make : BRACO/ COMMET	8	Nos.	695.00	5,560.00
12	4 Core x 10 sqmm Make : BRACO/ COMMET	25	Nos.	300.00	7,500.00
13	4 Core x 6 sq.mm Make : BRACO/ COMMET	20	Nos.	280.00	5,600.00
14	3 Core x 4 sq.mm Make : BRACO/ COMMET	20	Nos.	200.00	4,000.00
15	3 Core x 2.5 sq.mm Make : BRACO/ COMMET	20	Nos.	150.00	3,000.00
	TOTAL			RS.	8,29,535.00

c	POINT WIRING				
	S/I/T/C of concealed / recessed / surface light point / fan point / call bell point wiring using 600V FRLS class-2 conductor grade 3 x 1.5 Sq.mm copper conductor PVC insulated wires with 2.5sqmmx2 wires with 1.5 sqmm 1 wires for eath for lighting circuit of Polycab/Finolex/RR Kable (with proper color code) pulled through 20/25 mm PRECISION / CIRCLE ARK / DIAMOND				
	MAKE MMS GRADE PVC conduits laid concealed over false ceiling or in wall chases or on the ceiling. Provide ANCHOR ROMA / LEGRAND modular type switch plate, switches, MS concealed back box, etc. as required as approved by the Architect.				
1	PRIMARY POINT Primary light points including the cost of 6A switch	300	Pts.	1200.00	3,60,000.00
2	SECONDARY POINT Secondary Light Point wiring loop from primary pts.	210	Pts.	350.00	73,500.00
3	CALL BELL POINT As above but for call bell with 2 pin socket complete.	10	Pts.	950.00	9,500.00
4	HALF POINT 3/5 pin 230V (6/16 Amp.) with switch socket and plug top on switch board (Half Point)	35	Pts.	350.00	12,250.00
5	FULL POINT P&F 3/5 pin 230 V (6/16 Amp.) with switch socket and plug top separate (full point)	5	Pts.	450.00	2,250.00
6	TEMPORARY CONNECTION Connection Making arrangement of providing temporary during progress of work from time to time and removing after completion of work as per direction of Architect.	job.	L.S	10000.00	10,000.00
	TOTAL			RS.	4,67,500.00

d	RACEWAYS JUNCTION BOXES AND CONDUITS				
1	S/I/T/C of 14 swg 250x50 x2mm GI FLOOR TRUNKING with PERFORATED cover of all standard accessories.	5	Rmts.	1100.00	5,500.00
2	S/I/T/C of 14 swg 200x50 x2mm GI FLOOR TRUNKING with PERFORATED cover with all standard accessories.	5	Rmts.	1000.00	5,000.00
3	S/I/T/C of 150x50 x2mm 1.2mm perforated cable tray with all standard accessories.	200	Rmts.	790.00	1,58,000.00
4	S/I/T/C OF 75MM X75 MM P. V. C. TRUNKLINK along with all the accessories	25	Rmts.	340.00	8,500.00
5	S/I/T/C OF 12mm PVC casing putty for fixing of led strips.	100	Rmts.	50.00	5,000.00
6	S/I/T/C OF 25mm PVC casing putty for fixing of led strips.	50	Rmts.	60.00	3,000.00
	TOTAL			RS.	1,85,000.00

e	COMPUTER / RAW POWER CABLING & WIRING				
1	S/I/T/C of computer UPS wiring ISI mark Polycab/Finolex/RR Kable MAKE FRLS 2.5 SQMM x 3 CORE COPPER FLEXIBLE CABLE & looped with wires OF GRAY COLOUR /pulled through PRECISION / CIRCLE ARK / DIAMOND MAKE MMS GRADE PVC conduits / FLOOR RACE WAY / GI TRUNKING etc from UPS DB TO work stations. (max 4 work stations served by 1 circuit MAX LENGTH TO BE CONSIDERD UPTO 30 RMTS.) switches, Etc. as required as approved by the Architect.	430	POINT	1025.00	4,40,750.00

2	S/I/T/C of white colour ANCHOR ROMA / MK INDIA / LEGRAND make 1 SET OF 1 nos 8 mod plate 3 Nos 5amps 3 Pin Socket with 1 nos Indicator Switch etc complete set.	430	POINT	1125.00	4,83,750.00
3	S/I/T/C of raw power wiring ISI mark Polycab/Finolex/RR Kable MAKE FRLS 2.5QMM x 3 CORE COPPER FLEXIBLE CABLE OFBLACK COLOUR /pulled through PRECISION / CIRCLE ARK / DIAMOND MAKE MMS GRADE PVC conduits / FLOOR RACE WAY / GI TRUNKING etc from RAW DB TO work stations. (max 6 work stations served by 1 circuit MAX LENGTH TO BE CONSIDERD UPTO 30 RMTS)Etc. as required as approved by the Architect.	430	POINT	1025.00	4,40,750.00
4	S/I/T/C of ANCHOR ROMA / MK INDIA / LEGRAND make Black Colour WITH 3 mod plate 1 Nos 5amps socket with 1 nos switch etc complete set.	430	Nos.	500.00	2,15,000.00
5	S/I/T/C off-white colour ANCHOR ROMA / MK INDIA / LEGRAND make 1 SET OF 1 nos 8 mod plate 3 Nos 15amps 3 Pin Socket with 2 nos Indicator Switch etc complete set.	50	Nos.	1300.00	65,000.00
6	S/I/T/C of Legrand make Hydrolicks POP UP box of 8 mod with 1 Nos. HDMI/ 1 Nos 5/15Amps Socket / 1 Nos. International Socket 1 Nos. IO etc all standard accessories.	1	Nos.	15000.00	15,000.00
TOTAL				RS.	16,60,250.00

f	INSTALLATION OF LIGHT FITTINGS				
	Installation of Light fittings as per architecture design. rate shall be inclusive of suitable MS supports, GI Clamps and wire cable hangers/supports with crimp arrangement and chain suspenders. The height of the hanging arrangement shall be as per drawing and with all accessories to fix the hangers at purlin, rafter beam, MS supports and walls with required				
	Make : Philips/ Crompton/ Wipro Supplying and erecting double suspension pipe rod of 16 gauge 20mm.dia H.G. conduit duly threaded and painted with two coats of enamel paint for erection of fluo. tube light fitting with necessary check nuts and shielded copper flexible wire three core of 1 sq mm for connecting leads (for measurements half of the actual length both pipes used)				
1	1 of (20/22W) (4') LED Tubelight. (Philips Cat No. - BN021 LED 20S or equivalent model in CG / GE / Bajaj make)	10	Nos.	75.00	750.00
2	Installation, Testing, and Commissioning (ITC) of 600x600 LED Panel (36W). As per MFG. Specification.	130	Nos.	225.00	29,250.00
3	Installation, Testing, and Commissioning (ITC) of hanging /surface mounted type LED luminaire 15 W light fitting with all necessary accessories suitable supports, screws, including necessary cutting in the cloud/baffel etc. As per MFG. Specification.from ceiling. Local make. As per Architect and consultant approval.	380	Nos.	150.00	57,000.00
TOTAL				RS.	87,000.00

	SUMMARY OF ELECTRICAL WORK				
a	MAIN LT PANEL / DBS			RS.	9,20,250.00
b	MV CABLES			RS.	8,29,535.00
c	POINT WIRING			RS.	4,67,500.00
d	JUNCTION BOXES AND CONDUITS			RS.	1,85,000.00
e	COMPUTER CABLING & WIRING			RS.	16,60,250.00
f	INSTALLATION OF LIGHT FITTINGS			RS.	87,000.00
Total Electric Work				RS.	41,49,535.00

GST at applicable rates will be paid extra in addition to the quoted rates

G	TELEPHONE & NETWORKING WORK				
a	WIRING FOR TELEPHONE				
1	MAIN INCOMING CABLE S/I/T/C of 100 Pair Jelly armoured cable multi pair copper PVC insulated and shielded telephone cables with PVC pipe of required size with complete necessary accessories from 5th floor duct to both the servers on 5th floor. (with punching at both ends) Make: Polycab / RR Cable /Delton	400.00	METER	1,195.00	4,78,000.00
2	TAG BLOCKS TAG BLOCKS S/I/T/C of 500 pair MDF box with Krone module including all hardware & accessories with MS enclosure, etc. Complete work as per requirement. Main Distribution Frame (MDF) / Box with suitable S.S. frame for mounting tag module, cables, wires and incorporated in 16 SWG MS box with proper lock and cover. The box should be fixed on the wall with suitable fasteners with proper earthing including painting as required. This also includes fixing the cables with sufficient space and provision of distribution chart of cables/wires etc.to be provided.	4.00	EACH	21,250.00	85,000.00
3	S/I/T/C of CAT 6 wires from MDF to each work stations. Make: D Link	11,500.00	Rmts.	55.00	6,32,500.00
4	S/I/T/C of CAT 6 IO Make: D Link	450.00	Nos.	220.00	99,000.00
TOTAL				RS.	12,94,500.00

b	NETWORK WIRING CAT 6 A CABLE WITH ALL ACCESSORIES IN A SERIES ONLY.				
1	S/I/T/C of D link make Cat 6 cable for data and wi fi on in precision make MMS grade conduits from server room to individual work stations for data and entire floor for wi fi APs. Make: D LINK	25,500.00	Rmts.	55.00	14,02,500.00
2	S/I/T/C of CAT 6 IO Make: D LINK	850.00	Nos.	220.00	1,87,000.00
3	S/I/T/C of Quard 4 Mod Face Plate Make: D LINK	450.00	Nos.	140.00	63,000.00
4	S/I/T/C of CAT 6 1 Patch Chord. (1 meter) Make: D LINK	850.00	Nos.	150.00	1,27,500.00
5	S/I/T/C of CAT 6 Patch Chord. (2 meters) Make: D LINK	850.00	Nos.	185.00	1,57,250.00
6	S/I/T/C of 24 port Patch Panel (also charges include for patching from switches to jack panels & termination of jack panels in the rack etc. (Complete work with inter rack, proper dressing in rack and connection work) Make: D LINK	44.00	Nos.	7,500.00	3,30,000.00

7	S/I/T/C of Wall Rack (LEGRAND Make) All sides perforated doors of 1000x8000 36U Network server Rack with 150 Nos. Hardware Set, 10 Nos. Cable Manager, 4 Nos. Cantilever Tray, 2 Nos. Power Cable PDU set, 250 Nos Marker Ties, etc with standard accessories.	4.00	Nos.	74,000.00	2,96,000.00
8	S/I/T/C of OM4 Multi Mode Fiber cable. as per bank's requirement. Four 24 core cables to be laid from 2nd Floor Data Centre to 5th Floor A & B Wing (each rack with one cable) to be laid in P.V.C conduit as per the path shown by Architect/SBI Engineer/Consultant. For wi fi OM4 Multi Mode 6 core cabling from 3rd floor D wing Server Room to 5th floor in one of the server rooms Make: - Comscope	650.00	Rmts.	410.00	2,66,500.00
9	S/I/T/C of Fully loaded Comscope 12 port UIUs (6 quantity) 2 UIUs for inter rack cabling and 4 UIUs for two server rooms (one in each rack to be supplied and connected at DC end and at server room end.) Make: - Comscope	8.00	Nos.	12,000.00	96,000.00
10	S/I/T/C of 2 Fully loaded 24 core 24 port UIUs required for connecting 5th floor server room to second floor data centre. Make: - Comscope	2.00	Nos.	15,000.00	30,000.00
11	Splicing of inter rack cabling in both the server rooms and at Data Centre. Also splicing of 2 UIUs for wi fi. Total -10 UIUs (Fiber-8 quantities and Wi fi 2 quantities)	180.00	Nos.	525.00	94,500.00
12	TESTING & CERTIFICATION WORK. Testing should be done by OEM and the certificate and fluke test report to be submitted before final bill.	850.00	Nos.	200.00	1,70,000.00
13	HDMI CABLE Providing and fixing HDMI 2.1 (Ultra High Speed) for 48 Gbps bandwidth, supporting 8K@60Hz or 4K@120Hz, through HDMI 2.0 is acceptable for 4K@60Hz. Complete as directed by the architect. (From table to T.V mounted on partition)	10	Nos.	3400.00	34,000.00
TOTAL				RS.	32,54,250.00

SUMMARY OF NETWORKING WORK					
a	WIRING FOR TELEPHONE			RS.	12,94,500.00
b	NETWORK WIRING			RS.	32,54,250.00
Total Telephone & Networking Work				RS.	45,48,750.00

GST at applicable rates will be paid extra in addition to the quoted rates

SUMMARY OF ELECTRICAL & TELEPHONE & NETWORKING WORK					
F	ELECTRICAL WORK			RS.	41,49,535.00
G	TELEPHONE & NETWORKING WORK			RS.	45,48,750.00
TOTAL OF ELECTRICAL & TELEPHONE & NETWORKING WORK (Excluding The GST)				RS.	86,98,285.00

GST at applicable rates will be paid extra in addition to the quoted rates

H	AIRCONDITIONING WORK				
1	DUCTING WORK S.I.T.C. Open ducting AC systems (also known as exposed ductwork) for HVAC applications require specific material, aesthetic, and insulation specifications to ensure efficient airflow and structural integrity. They are commonly fabricated from Galvanized Iron (GI) or aluminum, conforming to IS:655 and IS:277 standards. Open Ducting HVAC Specification Requirements Duct Material & Fabrication: GI sheets Class VIII conforming to IS: 277, with high-quality, non-peeling finish. Rectangular ducts are common, with maximum duct section lengths typically around 1.2 m (4 ft). Sheet Thickness (Based on longest side): Up to 750 mm: 0.63 mm 751 mm - 1500 mm: 0.80 mm 1501 mm - 2250 mm: 1.00 mm 2251 mm and above: 1.25 mm Support System: Ducts must be supported using M.S. rods (typically 9 mm / 3/8") with M.S. angle at the bottom (trapeze hanger). For aesthetic purposes in open ceilings, black or white painted threaded rods. Air Velocity Standards: Main Duct: 8-10 m/sec (ventilation), 6-7 m/sec (AC). Branch Ducts: 6-8 m/sec (ventilation), 250-300 mtrs/min (AC). Sealing and Vapour Barrier: All joints and seams must be sealed with vapour-resistant materials to prevent leakage. Flexible Connections: fire-retardant canvas must be placed at the discharge of fans or air handling units. The cost shall include cost of scaffolding to install the ducts. Work involves sealing of the duct joints with suitable sealing material to prevent Air Leakage ,Pressure testing of Ducts & Final AIR BALANCING to get uniform & effective cooling. (including paint) Spray Painting of exposed GI ductwork with two coats of black enamel paint over a coat of primer.				
a	S.I.T.C. of 20 Gauge GSS Ducting.	5.00	SQ.MT.	1400.00	7,000.00
b	S.I.T.C. of 22 Gauge GSS Ducting.	375.00	SQ.MT.	1375.00	5,15,625.00
c	S.I.T.C. of 24 Gauge GSS Ducting.	375.00	SQ.MT.	1325.00	4,96,875.00
2	Thermal Insulation (From Inside For exposed Duct) S.I.T.C. of 13mm thick Nitril Rubber /Cross Linked Polyethylene (Density-60Kg/m3). Internal thermal insulation of ducts as per approved specifications. Quoted price shall be inclusive of adhesive, tapes, as per technical specifications .UV protecting coating over exposed ducts. Complete as directed by the Architect/SBI Engineer.	770.00	SQ.MT.	650.00	5,00,500.00

3	Acoustic Insulation (From Inside For exposed Duct) S.I.T.C. Acoustic insulation of 13mm thick Nitril Rubber. Complete as directed by the Architect. Technical Specifications Material: Open-cell elastomeric nitrile rubber insulation, specifically designed for acoustic duct lining (e.g., ArmaSound SuperSilence, Accosound, or approved equivalent). Density: 140 - 180 kg/m³. Thickness: 13mm Fire Rating: Class 0 (BS 476 Part 7) and fire safe as per IS 15061. Water Vapor Permeance: 0.10 perm or better, with moisture absorption less than 0.2% by volume (ASTM C 209). Microbial Resistance: Must not support microbial growth (ASTM 2180, G21, G22) and must be odor-free. Surface Covering: The material must have a smooth surface facing the air stream to prevent fiber erosion (if using fiberglass, it must have a specialized erosion-resistant coating). Adhesive: VOC level not exceeding 50 g/L. Complete as directed by the Architect/SBI Engineer.	25.00	sq.ft	1150.00	28,750.00
4	150mm High Aluminium Powder coated Grill 150mm High Aluminium Powder Coated Grill Supply and Installation of aluminium powder coated finish linear grill of any size of 0°/15°/30°/45°. Complete as directed by the Architect/SBI Engineer. (Komalco/ krishnai enterprises)	45.00	SQ.MT.	6400.00	2,88,000.00
5	Collar Damper Supply and Installation of Opposed blade Collar Damper Supply, installation and testing of black opposed blade type box dampers of Al. construction for ducts collars to be provided with suitable links, vertical blades, levers and quadrants for manual control of volume of air flow and for proper balancing of the air distributions system. Complete as directed by the Architect/SBI Engineer. (Komalco/ krishnai enterprises)	5.00	SQ.MT.	4250.00	21,250.00
6	Diffuser with collar Damper Supply and Installation of aluminium powder coated finish supply air square diffuser suitable for gypsum ceiling. (12" x 12") (Komalco/ krishnai enterprises) Complete as directed by the Architect/SBI Engineer.	2.00	SQ.MT.	15000.00	30,000.00
7	Return Air Diffuser with out Collar Damper Supply and Installation of aluminium powder coated finish supply air square diffuser suitable for gypsum ceiling. (12" x 12") (Komalco/ krishnai enterprises) Complete as directed by the Architect/SBI Engineer.	2.00	SQ.MT.	11800.00	23,600.00
8	Volume Control Dampers Supply, Install, Testing of G.I. Construction Louver dampers within ducts to be provided with suitable Duct Levers & quadrants for Manual control of Volume of Air Flow & Proper Balancing of Air Distribution System	15.00	SQ.MT.	6000.00	90,000.00
9	Volume Control Dampers (FIRE DAMPER) S.I.T.C. of Motorized combined Fire Damper Complete with Control panel, inter connection wiring Fire damper :	3.50	SQ.MT.	15000.00	52,500.00
10	S.I.T.C. of Control Panel & Wiring for the Fire Dampers/Actuators	2.00	NO	20000.00	40,000.00
11	S.I.T.C. of motorized Fire Actuators complete with all accessories	4.00	NO	10500.00	42,000.00
12	S.I.T.C. of Flexible Canvass Coonection Between AHU & Main Ducts with all nessary hardware & accessories	2.00	NO	4500.00	9,000.00
13	50mm Thick Underdeck insulation Removing damaged underdeck insulation and carting away debris and Supplying and fixing of 50mm thickness of mat finish closed cell nitrile rubber (Class o) underdeck insulation on room ceiling. After applying suitable adhesive of nitrile rubber the joint shall be sealed with 50 mm wide and 3 mm thick self-adhesive nitrile rubber tape with royal plugs and held at all joints with GI washers and tied with GI wire. Armacell, K flex, Supreme or equivalent.	970.00	SQ.MT.	1050.00	10,18,500.00
TOTAL				RS.	31,63,600.00

SUMMARY OF AIRCONDITIONING WORK					
H	AIRCONDITIONING WORK			RS.	31,63,600.00
	TOTAL OF AIRCONDITIONING WORK			RS.	31,63,600.00

GST at applicable rates will be paid extra in addition to the quoted rates

I	SMOKE DETECTOR SYSTEM WITH ALL ACCESSORIES				
1	Fire Alarm Control Panel Supply, installation, testing & commissioning of Honeywell Morley-IAS Max MA-8000 (8 Loop Panel) as matching to existing systems of the bank. Type: Analogue Addressable Fire Alarm Control Panel B590:B5971 (FACP) Capacity: 8 loop Panel. Compliance: Fully compliant with EN 54-2 and EN 54-4 standards. Interface: 7" color, glove-friendly touchscreen with 5 physical keys for navigation. Networking: CANBus protocol supports up to 64 panels/128 loops in a single network. Capacity: Up to 2,000 software zones, 1,600 network groups, and 10,000 logged events. Addressing: Rotary switch configuration for 1-99 addresses per loop. Logic: Advanced Control-by-Event (CBE) functionality Loop Power/Protocol: 750 mA per loop, supporting Morley-IAS and System Sensor Wireless Agile protocols. Compatibility/Diagnostics: Compatible with legacy devices, featuring auto-recognition and advanced CANBus diagnostics. Maintenance: Features automatic day/night sensitivity adjustment and smoke detector cleaning alerts.	1	EACH	4,00,000.00	4,00,000.00

	Outputs: 1 monitored sounder circuit (1A), 3 configurable relay outputs, 1 fault output, and 24VDC user output. Connectivity: Includes RS485, RS232, and USB ports for communication. Power/Battery: 24V/200W supply, supporting 2 x 12V, 38Ah batteries. Physical: Approx. 398 x 483 x 217.5 mm, IP30 rated. Mounting: Supports wall, flush, or 9U rack mounting.				
2	Addressable Multisensor type detectors Supplying, installation, testing & commissioning of UL/EN listed intelligent analogue addressable multi sensor detector complete with mounting base including glands / termination, complete as required- (Make- Morley Honeywell) Complete as directed by the Architect.	5	EACH	3,000.00	15,000.00
3	Addressable Smoke detector Supplying, installation, testing & commissioning of UL/EN listed intelligent analogue addressable smoke detector complete with mounting base including glands/termination, complete as required. (Make- Morley Honeywell) Complete as directed by the Architect.	80	EACH	2,750.00	2,20,000.00
4	Isolator Module Supplying, installation, testing & commissioning of UL/EN listed fault isolator complete with base including glands/termination, complete as required. (Make- Morley Honeywell)	6	EACH	2,600.00	15,600.00
5	Addressable Manual call point Supplying, installation, testing & commissioning of UL/EN listed addressable manual call point with mounting base including glands/termination, complete as required. (Make- Morley Honeywell)	4	EACH	4,700.00	18,800.00
6	Addressable HOOTER with strobe Supplying, installation, testing & commissioning of UL/EN listed addressable Horn cum strobe hooter with mounting base including glands/termination, complete as required. (Make- Morley Honeywell)	4	EACH	7,000.00	28,000.00
7	Cu. Armard FRLS cable 2 core x 1.5 sq/mm Supplying & laying of 2x1.5 Sqmm ISI marked fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS outer sheath, fixing of cable on ceiling/wall at every 0.3 mtrs with saddles and pressure plate complete as required. (Make - Polycab)	1200	RMT	135.00	1,62,000.00
8	Response Indicator above false ceiling. Supplying, installation, testing & commissioning of response indicator on surface/recessed MS Box having two LED, metallic cover complete with all connections etc. as required.	30	EACH	425.00	12,750.00
9	Carefully, Disconnecting, removing all the Existing Smoke Detectors below & above false ceiling, Response Indicators, Hooters, Manual Call Points etc along with their power cables etc. Storing them and integration, Programming, Testing, Commissioning of new fire alarm panel with existing fire alarm system. Complete as per direction of the Architect / Consultant / Clients Representative.	1.00	JOB	7500.00	7500.00
	Total Of Smoke Detector & Fire Alarm System			RS.	8,79,650.00
	The bidders or his associates should have a valid Class A or Class B fire license issued by the Directorate of Fire Services, Government of Maharashtra, authorizing them to act as a licensed agency for installation, testing, and commissioning of fire protection and detection systems, including fire alarm systems, hydrant systems, sprinkler systems, and fire pumping systems, in accordance with the provisions of the Maharashtra Fire Prevention and Life Safety Measures Act and relevant rules.				
J	PUBLIC ADDRESS SYSTEM FOR FIRE EMERGENCY & GENERAL Purpose ANNOUNCEMENT.				
1	AMPLIFIER WITH CALL STATION Supplying, erecting, testing and commissioning amplifier 480W for Public address system suitable to operate on 230 Volts A.C. / 12 Volts D.C. supply having feature of zoning & integration of existing system . 480 Watt advanced power mixing amplifier with inbuilt blue tooth for audio streaming, supports audio play back form USB pen drive, 4 mike / line inputs plus music source input, Front panel has Power ON switch with LED indication • LCD display, USB port, UBS/BT keyboard functions with IR remote sensor and call stations with 12 zone selection switch• Four volume knobs for microphone inputs • Volume knob for AUX input • Knob for treble level • Knob for bass level • Master volume knob Headphone socket and surge voltage protection (Make - Bosch /Honeywell/Siemens)	1.00	EACH	61000.00	61,000.00
2	SPEAKERS S/I/T/C 6W Multi-Tap Ceiling Mount Speakers high quality type music speakers with fire dome to be fixed flushed with false ceiling with line matching transformer for direct connecting to 100/70 V output line. The speakers shall be of same make as that of the Control Panel & Amplifiers. They shall be compatible with supplied Amplifiers and shall work on 70.7Vrms. UL/EN Listed (Make - Bosch /Honeywell/Siemens) or equivalent	28.00	EACH	1350.00	37,800.00
3	SITC Bosch make 6" Ceiling mounted speakers with PVC back box. Same specification as mentioned in item no. 2 above.	12.00	EACH	950.00	11,400.00
4	SPEAKER CABLING Supply and laying of 2 x 1.5 mm2 ISI marked Stranded Copper conductor cable, Type AST 1 PVC insulated, Armoured FRLS Cable 650 V as per IS 1554, with GI saddle spacers every 0.3 mtr with Single compression Cable Glands, ABS Junction Boxes (wherever required), terminals, Ferruling , fixing of cable on ceiling/wall at every 0.3 mtrs with saddles and pressure plate, complete as required.(Make - Polycab)	700.00	RMT	160.00	1,12,000.00
5	VOLUME CONTROL SWITCH SITC Volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches with size & regulating knob matching the electrical fittings, upto 25 Watts- (Make - Bosch /Honeywell/Siemens) or equivalent	16.00	EACH	2300.00	36,800.00
6	Connecting , Testing & Commissioning the P.A. System with Centralized P.A. System of the Premises housed in Ground Floor.	1.00	JOB	8000.00	8000.00
	Total Of P.A. System			RS.	2,67,000.00

K	Sprinkler SYSTEMS				
1	Supply of C.I. Butterfly Valve suitable for Working Pressure of 15 Kg/SQ, PN 1.6 CM Internal Parts Conforming to IS: 13095				
a	150 mm	1.00	NO	4050.00	4,050.00
b	80 MM	5.00	NO	4050.00	20,250.00
c	50 MM	1.00	NO	3000.00	3,000.00
2	Supply of C.I. Dual Plated Check Valve suitable for Working Pressure of 15 Kg/SQ CM with Flanges, PN 1.6, Nut, Bolts & Washers, Painting etc. complete as required internal Parts Conforming to IS: 5312				
a	50 MM	1.00	NO	7500.00	7,500.00
3	Supply of K-80 Glass bulb sprinkler pendent type rated 68 Deg. C (UL Listed)	100.00	NO	595.00	59,500.00
4	GI Steel Pipelines up to 150 MM Dia shall be as per IS: 1239, Part-I (Heavy Grade) while Pipelines above 150 MM Dia shall be as per IS: 3589. All Pipe Clamps & Supports shall be Fabricated from MS Steel Sections & Shall be Factory Galvanized before use at Site. Welding of Galvanized Clamps & Supports shall not be Permitted. Mains below Ground Level shall be Supported at Regular Intervals not Exceeding 3.0 Meters & shall be Laid at Least 2.0 Meter away from the Building. Complete with fittings, supports, miscellaneous and consumables and Painting of the aboveground MS pipes/valves with one coat of metal primer and two coat of fire red enamel paint of approved quality with forged butt-welded fittings.				
a	150 NB	50.00	RMT	2850.00	1,42,500.00
b	100 NB	30.00	RMT	2200.00	66,000.00
c	80 NB	30.00	RMT	1650.00	49,500.00
d	50 NB	30.00	RMT	1500.00	45,000.00
e	32 NB	30.00	RMT	885.00	26,550.00
f	25 NB	330.00	RMT	835.00	2,75,550.00
6	Supply of Threaded Rods 2 Mtr x 10 Mtr Long	100.00	RMT	380.00	38,000.00
7	Supply of Flexible drop of 1500 mm length	100.00	NO	1650.00	1,65,000.00
8	Supply of rosette plate	100.00	NO	165.00	16,500.00
9	Supply of Pressure Gauges, of 150/100 MM Dial, Range: 0 to 16 Kg/Cm2 as per Specification.	5.00	NO	1800.00	9,000.00
10	Supply of Flow Switch	5.00	NO	5600.00	28,000.00
	Total Of Sprinkler System			RS.	9,55,900.00

	SUMMARY OF SMOKE DETECTOR, P.A. & SPRINKLER SYSTEM WORK				
I	SMOKE DETECTOR SYSTEM WITH ALL ACCESSORIES			RS.	8,79,650.00
J	PUBLIC ADDRESS SYSTEM FOR FIRE EMERGENCY & GENERAL PURPOSE			RS.	2,67,000.00
K	SPRINKLER SYSTEMS			RS.	9,55,900.00
	TOTAL OF SMOKE DETECTOR, P.A. & SPRINKLER SYSTEM WORK			RS.	21,02,550.00

GST at applicable rates will be paid extra in addition to the quoted rates

L	C.C.T.V. SYSTEM.				
	IP CAMERAS S.I.T.C. of 4MP Motorized varifocal IR Dome Camera (indoor) and bullet (at outdoor), 1/2.8" CMOS Sensor, Compression H.264, H.264h,H265,H265+. Encoding - 4 Streams, Motorized Lens:2.8mm / 12mm, Protection IP67,IK10, Interoperability ONVIF, MicroSD Slot up to 128GB(min),Built in Mic with audio compression, Alarm I/O , Alarm events: Tripwire/Perimeter/Crowd/Foreign & Missing Object/ Fast Moving etc., NIR,WDR,3DDNR, HLC, Dual-ICR, AWB, AGC, BLC,1/1ch Audio I/O, 2/1ch, , USB, Built-in Mic, PoE, DC12V/AC24V, TVS 6000V Protection, MicroSD Slot up to 128GB, Material: Metal, IP66, IK10. Power supply12VDC/PoE/ePoE Operating Temp -40 to +60Degree Celsius, Humidity <95%, Complete as directed by the Architect. Make: AXIS/ ADOR / BOSCH / SAMSUNG/SONY/HONEYWELL/SIEMENS/ Hanwha / CP Plus	25	NOS.	9950.00	248750.00
2	CAT - 6 CABLEING WORK S/I/T/C of D link make Cat 6 cable for data in precision make MMS grade conduitsFor Camera fixed in revised location as shown by the Architect/ SBI Engineer. Make: (Make D-link, Molex, Commscope, Finolux, R&M)	1200.00	RMT	55.00	66000.00
3	CONDUIT - 25MM DIA PVC PIPE 1.5 MM WITH ISI MARK	1200.00	RMT	60.00	72000.00
4	SWITCH FOR NETWORK AND COMMUNICATION S/I/T/C Switch 16/24-Port Gigabit Smart Managed POE Switch, 24 X 10/100/1000BASE-T POE ports,4 x Gigabit RJ45/SFP Combo ports, Advanced L2 switching and security features, L2+ Static Routing, Optional "standard mode" or "surveillance mode" management user interface,193 W POE budget. Make: - D-link, Netgear, Cisco	2.00	NOS.	32500.00	65000.00
5	NETWORK VIDEO RECORDER (NVR) Supply, Installation, Testing and Commissioning of Network Video Recorder having Minimum 64 Channel Input and hot swappable 16 SATA support up minimum 10 TB by each SATA slot. Resolution : Minimum 1920*1080, Audio Output : Yes with latest Ports Make: AXIS / ADOR / BOSCH / SAMSUNG / SONY / HONEYWELL / SIEMENS / CP PLUS / HANWHA	2.00	NOS.	63000.00	126000.00
6	STORAGE FOR CCTV FOOTAGE (Surveillance Hard Disk) Supply , Installation, Testing and Commissioning of Surveillance Hard Disk into NVR for storing of CCTV Footage Make: Formatted capacity: minimum 10 TB ,Form factor 3.5- inch,Advanced Format (AF), RoHS compliant, Interface transfer rate,(max)2 Buffer to host: 6 Gb/s, Host to/from drive (sustained): 178 MB/s, Cache (MB) : 128, Performance Class :5400 RPM Class, Load/unload cycles : 300,000, Non-recoverable read errors per bits read : <1 in 1014, Average power requirements (W) Read/Write: 6.4, Idle: 5.7, Standby and Sleep :0.7, Temperature (°C, on the base casting) Operating: 0 to 65, Non-operating: -40 to 70, Shock (Gs) :30, Operating (2 ms, read/write) Operating (2 ms, read): 65, Non-operating (2 ms): 250, Acoustics (dBA)7 Idle: 20, Seek (average): 29, Height (in./mm, max): 1.028/26.1, Length (in./mm, max): 5.787/147, Width (in./mm, ± .01 in.): 4/101.6, Weight (lb/kg, ± 10%): 1.43/0.65. Make:- Seagate (Skyhawk / Skyhawk AI) / Western Digital (Jurnle) / Transcend /Sony	16.00	NOS.	32500.00	520000.00

6	RACK FOR SWITCH MOUNTING Supply , Installation, Testing and Commissioning of 4U rack for mounting Network PoE Switch with 28 Port Patch Paneling and rack Dressing with 1Mtr. D-Link Patch Cable for Each Port. 4 SOCKET Spy Guard for Power Distribution for FAN and Switch.	2	NOS.	8500.00	17000.00
				RS.	1114750.00
M	ACCESS CONTROL SYSTEM				
1	ACCESS CONTROL - CONTROLLER Supply, Installation, Testing and Commissioning ACCESS CONTROL – CONTROLLER Devices with 1 Guard W.B. Controller encasing. Need to provide Access Control -Controller Need to provide HIDAEROTMX1100 (or higher version) Intelligent controller which support up to 4 readers, 7 inputs and 4 outputs.	3.00	NOS.	58000.00	174000.00
2	SITC of 1 guard WB Controller enclosure with Power Supply	3.00	NOS.	8400.00	25200.00
3	ACCESS CONTROL - BIO CLASS READER Supply, Installation, Testing and Commissioning of HID ICLASS SE-RKLB40 BIO-METRIC READER (or higher version) at outside of define Door. Card plus finger Two-way Authentication. Dual modes - Enrolment Mode, Verification Mode.	1.00	NOS.	73000.00	73000.00
4	ACCESS CONTROL – CARD READER ACCESS CONTROL – CARD READER Supply, Installation, Testing and Commissioning of -HID Signo TM20 (or higher versions) Card READER at the inner side of define Door.	5.00	NOS.	15000.00	75000.00
5	NETWORK SWITCH FOR ACCESS CONTROL SYSTEM Supply , Installation, Testing and Commissioning of Switch 16-Port Gigabit smart Managed POE Switch Make: - D-Link, Netgear, Cisco	1.00	NOS.	9000.00	9000.00
6	ACCESS CONTROL - ELECTROMAGNETIC LOCK 12V capacity, Electromagnetic mechanism for interlocking with all required Components Holding Force : 1200 / 600 lbs Make: - Essl / EBELCO / BEL / W BOX	4.00	NOS.	5500.00	22000.00
7	CABLING Providing Providing and fixing 4core 1.5 Sq.mm. flexible shielded cable (with ISI mark stamped on the cable) including 20mm conduit (with ISI mark stamped on the conduit) with all accessories. Clamping need to be done at every 02 feet. Make: - Finolex / Polycab or Equivalent approved by the Architect	200.00	RMT	140.00	28000.00
8	CAT-6 CABLEING WORK S/I/T/C of CAT 6 UTP cable solid cable, Conductor : 23 AWG (Solid) , META : Bare Copper, Insulation Material : HD-PE, OD : 61.mm +- 0.2 , Resistance Unbalance : 5% Max, Capacitance Unbalance : 330pF/100m, Delay Skew : < 45Ns, laying through conduit with required accessories. Make: (D-link, Molex, Commscope, Finolex, R&M)	200.00	RMT	55.00	11000.00
	TOTAL OF ACCESS CONTROL SYSTEM			RS.	417200.00
	SUMMARY C.C.T.V. SYSTEM. & ACCESS CONTROL SYSTEM WORK				
L	C.C.T.V. SYSTEM.			RS.	11,14,750.00
M	ACCESS CONTROL SYSTEM			RS.	4,17,200.00
	TOTAL OF C.C.T.V. SYSTEM. & ACCESS CONTROL SYSTEM WORK			RS.	15,31,950.00

GST at applicable rates will be paid extra in addition to the quoted rates