INTERIOR_FURNISHING, ELECTRICAL & HVAC WORKS OF 9TH & 10TH FLOOR, AT NBCC TOWER, SAHKAR MARG, JAIPUR

FOR THE ORIENTAL INSURANCE CO. LTD.



PART-B (FINANCIAL BID)

SPECIFICATIONS DOCUMENTS:

Architects

M/s SPACE ACE

ARCHITECTS & INTERIOR DESIGNERS V-20A/05 DLF CITY-III, GURGAON, HARYANA - 122002 TEL. PH. No. :- 0124-4106618 Email: spaceace.india@gmail.com

Dated: 04/12/2017

BOQ	FOR THE PROPOSED INTERIOR-FINISHING REGIONAL (WORKS OF 9th & 10th FLOOR, OIC
I.O	INTERIOR WORKS					
1	DISMANTLING					
S.No 1.1	Particulars Dismantaling/Demolishing removing brick work,wall / fixtures etc. to accommodate the proposed new layout and disposal of unserviceable material to a place permitted by the municipal authorities including making good any damages complete. No unservicable dismantalled material will be allowed to be accumulated at site. Decision of the architect/ employer as to what constitute unservicable material will be final and binding. The amount should include cost for carrying out any other unforseen items required for the proper execution of the work. All complete as per approval and instructions of the Architect/ employer.	Quantity 1	Unit L.S.	Rate	Amount	Refrence Image
2	FINISHING WORK	025				
2.1	Providing p.o.p on walls of requisite thickness wherever plastic emulsion paint has to be done to make wall smooth, in parts wherever conduiting is done to match with exixting pop and surface and line . The measurement would be done in 6",9",1'-0" widths x running length and paid in sq.m.).	935	Sq.m.			
2.2	Providing and applying three coats of pre-approved Plastic acrylic emulsion paint to walls, partitions etc. including surface preparation with two coats of putty, primer and sanding all complete. With the necessary drying periods for each coat. The final finish should be of a uniform and neat finish to the satisfaction of the Architect. Cost to be inculde for all heifht and surfaces.(Low VOC contain paint) Make: ICI DULUX ,Asian Paints	1450.00	Sq.m.			
2.3	Wall painting with Texture paint interior grade of Unitile make or	50.00	Sq.m.			
2.3	approved equivalent of approved shade and quality (2 or more coats) on new work to give an even shade including preparation of surface complete as directed. Make: Spectrum/Unitile/ pidlitte/	50.00	Sq.m.			
3	PANELLING WORKS					
3.1	Panelling on columns/walls with red marandi frame work of 11/2" x11/2"hardwood members @ 1'-6" c/c, painted with fire retardent paint viper fireretar-FR-881 paint, with 6 mm thk. commercial plywood and 1mm thk. laminate on exposed faces, with steem beech moulding 1"x ½" or less on corner edges and juntion with wall or any other junctions, including making of grooves and boxing, all mouldings to be melamine polished.	264.49	Sq.m.			
3.3	GLASS PARTITION					
	Providing and Fixing Full height straight glass partitions using 12mm thk toughened glass inclusive of the glass surface as indicated on the drawings and as per the instructions of the Architect. Glass to be fixed with SS "U" CHANNEL, concealed properly with requisite sealant within partition / MDF frame as per detail. All exposed edges of the glass shall be machine polished. All glass-to-glass joints to be sealed with pre-approved silicon sealants/ 3M tape, as required (GLASS MAKE Modiguard/Asahi float/Saint-Gobain/Asahi India)					
	For all Glazed partitions the solid partition above and below the glazed portions, upto a max, dimension of 300 mm, shall be measured as part of the glazed partitions; if more than 300 mm, then the relevant portion, more than 300mm, shall be part of the soild partition. For solid vertical portions of the glazed partitions which would be framework and gypsum skin (s), all portions less than 600mm shall be measured as part of the glazed partitions and if more than 600mm shall be measured as part of solid partitions.					
3.3.1	Height of glazed partition - 2400mm	28.83	Sq.m.			
3.4	FULL HEIGHT GLASS door (12mm Thk ToughEened Glass					
	door)					
	Providing and fixing Single/Double leaf glass door made of 12 mm thick toughened glass fixed on stainless steel fittings of required section of chrome finished,100mm high Stainless steel plate at top and bottom both side of the glass shutter as per drawing, including floor spring, patch fittings, SS top pivot, door handle, lock of approved make (sample approved by the Architect/ Client) and all necessary hardwares and fixing arrangement complete as shown in drawing and directed by the Architect. make of Fitting as approved: Kich/Ozone/Neki/Dorma. & Glass Make: Modiguard/Asahi float/ Saint-Gobain/Asahi India					
	with cylinderical locks and kitch handles both sides 30mm dia and					
3.4.1	600mm long in buffed SS 304 finish. Item same as above but overall size of Glass door is 900x2100mm.	6	each			
3.5	Erected Film					
3.3	Frosted Film				1	j.

3.5.1	Providing and fixing frosted film on both sides of Glass Partition/Glass door with MCS warranty of 5 years as per the manufacturer specification. (Finished works to be measured as smt). To include cost of printing designing, and sample approvals. 3M forsted film on glass as per design Ref. Name & No.: Dusted Crystel white 7725 - 314 Dot pattern or as per architect approval applied on glass with full/half frosting (As per Design) Providing & fixing 5mm thick lacqured glass of saint gobain ceiling over 8mm ply. ply to be installed on G.I ceiling framing hanging from the true slab level. which includes providing and fixing GI perimeter channels of size 0.55mm 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 centers. The suspending GI intermediate channels of size 45mm 0.9mm thick with two flanges of 15mm each from the soffit at 1220mm centers with ceiling angle of width 25mm x10mm x 0.55mm thick fixed to soffit with GI cleat and steel expansion fasteners. Ceiling section 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 the intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 457mm centers. All sections, channels, etc to be in Gypsteel make as specified by manufacturer as per shown in drawing and directed by the Architect (Contractor to include the cost of members & all required accessories for installation compelet in his quoted rate)	18.39	Sq.m.		
4	FALSE CEILING				
Note:	Quoted Rates are for all heights , scaffolding, depths, levels, leads and lifts and for all design and pattern shown in drawings				
	Contractor to include the cost of members & all required accessories for installation compelet finished ceiling in his quoted rate				
	Actual finished area to be measured and paid for Vendor Shall submit & get approved all type of board/Tiles /plank sample by Architect before execution.				
4.1.1	ARMSTRONG CEILING Modular Grid Ceiling				
	Providing and Fixing of false ceilings at all heights of 600mm K of 600mm Grid ceiling tiles with Microlook Edge laid on prelude XL exposed silouette grid systems with 15mm wide T- section flanges colour white. The framework comprise of main runner spaced at 1200mm centers securely fixed to the structural soffit by approved hangers at 1200mm maximum centers. Hangers (GI wire of 4.0mm dia) to be fixed by approved roof plug/ fastener, level adjusters and screws etc. The last hanger at the end of each main runner should not be greater than 450mm from the adjacent wall. Flush fitting 1200mm long cross tees (with double stitching) to be interlocked between main runners at 600mm centers to form 1200 x 600 modules. Cut cross tees longer than 600mm to be supported independently.				
	600mm x 600mm modules to be formed by fitting 600mm long flush fitting corss tees centrally between the 1200mm cross tees. Perimeter trim to be Armstrong wall angle secured to walls at 450mm maximum centrers. The quoted rate shall be inclusive for making opening for light fixtures, diffusers & AC fittings. The quoted rate shall be inclusive of suspenders at all heihgt & extra member required for all openings. (Basic rate of only ceiling tile Rs 500/- per Sqm.)(Contractor to include the cost of members & all other accessories mentioned above in his quoted rate) ARMSTRONG silhouette grid system	175	Sq.m.		
		1/3	дин		
4.2.1	GYPSUM BOARD CEILING Providing and fixing suspended false ceiling in microlook, which includes providing and fixing GI perimeter channels of size 0.55mm 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 centers. The suspending GI intermediate channels of size 45mm 0.9mm thick with two flanges of 15mm each from the soffit at 1220mm centers with ceiling angle of width 25mm x10mm x 0.55mm thick fixed to soffit with GI cleat and steel expansion fasteners. Ceiling section 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 the intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 457mm centers. All sections, channels, etc to be in Gypsteel make as specified by manufacturer as per shown in drawing and directed by the Architect.	215.5	Sq.m.		

	12.5mm tapered edge Gypboard (conforming to IS-2095 - 1982) is then screw fixed to ceiling section with 25mm drywall screws at 230mm centers. Screw fixing is done mechanically either Finally the boards are to be jointed and finished so as to have a flush look which includes filling as finishing the tapered and square edges of the boards with jointing compound, paper tape and two coats of primer suitable for Gypboard and three or more coats of Acrylic emulsion paint (as per recommended practices of India Gypsum or equivalent) etc. complete including opening to be made for AC grills, light fittings, trap door etc. (Plan area to be measured and paid for) (cost to include paint also) (all material including chanels etc. Make: Lafarge (Boral)Gypsum/ Saint-Gobain/ India Gypsum/USG)				
4.3	Trap door for Gypsum False ceiling				
4.3.1	Providing and fixing trap door in false ceiling, made of 12 mm thick prelaminated partical board resting/ fixed including all hardware, hard wood lipping etc. complete as per drawing and drawing.				
	Make: Knuff Size: 600x600	8	no.		
4.4.1	Veneer Finished wooden ceiling Veneer Finished Wooden slats False Ceiling (as per shown in				
	drawing, in CRM, RM & Conference room etc.)				
	4mm thick veneer finish over 12mm thick commercial ply with hard wood frame of required section fixed to wall & ceiling with necessary nails & screws as required and as shown.				
	Venner make: duro group B				
	Commercial ply make: Century/Green/Kitply/Garnet/merino/ Duro				
	P/F Framework using 50 mm thick hardwood(Kail) members The fixing of members to be done with screws and the joints to be of the type to achieve rigidity in the frame. This will have 12mm ply over the frame polished black on external face. Slats to be veneer in the selected color with all requisite steps. Cost to be inclusive of sanding, surface preparation and polishing the same to approved shade and color, inclusive of 3 coats of melamine OR top coat of PU finish, as per instructions & approvals of architect.				
	Including all necessary nails, glues, teak wood lipping, melamine polishing, wood preservative paint, fire retardant paint, brushed steel hinges for trap door shutter including making opening for lights, AC grills etc. complete as per design and drawing.				
	Size of slat = 50mm(W) X 100mm (D) Spaces between wooden slats to be 150 mm c/c of 50 mm slats.	86.98	Sq.m.		
4.4.1.2	Providing & Fixing of Wooden logs in Ceiling	65.78	Sq.m.		
	Providing & fixing Wood Beams/ Logs of ivory coast wood with long grains of specified size: 200x100 in ceiling with all necessary nails & screws acessories and support. Wood should be fully treated. Quote rate shall Including all necessary nails, adhesives, melamine polishing, wood preservative & fire retardant paint, complete as per design and drawing with include all taxes & duties. (Contractor to include the cost of members & all required accessories for installation compelet in his quoted rate)				
	Dimensions : Width 8" × Height 4" × Length 21' Color: Walnut			-	
5	ROLLER BLINDS				
5.1	Roller Blinds- Normal				
	Providing & fixing roller blinds comprising of polymer coated fibre fabric with minimum openness factor of 3% as per AS standards. The fabric shall be fire retardant and have high heat reflection ratios. The roller mechanism shall be a moulded unit made from engineering grade plastic polymer with steel spring support. The fabric shall be finished on the sides with edge tape duly welded for waviness control. The fabric shall be attached to the roller tube with high quality self adhesive tape. Average width of blinds shall be 2000mm and fall of 3000mm with manual operation. Headrail: shall be .812" high x 2" deep extruded aluminum headrail with a wall bickness of 0.045" and painted to second into with fabric.				
	with a wall thickness of 0.045" and painted to coordinate with fabric color. Cord lock: shall be a snap-in design of injection-molded				
	thermoplastic incorporating a metal, free-floating, serrated cord- locking roller. Lift cord: shall be 1.2mm polyester and concealed for a clean				
	appearance. A snap tassel and joiner ball connect to a single Danskord for raising and lowering the shade. Cord, tassel and joiner ball are color coordinated with fabric.				
	Installation: Bracket shall be low profile, hidden snap-in design made of 0.025" zinc-plated spring steel. Bottomrail: shall be 0.375" high x 2" deep extruded aluminum with				
	a wall thickness of 0.045" and painted to coordinate with fabric color. Fabrication Shades shall be fabricated according to specifications				
	raprication Shades shall be labricated according to specifications and accurate to tolerance established by SWF engineering standards				

5.1.1	Basic Cost: Rs 2500 per sm + taxes	209.75	Sq.m.			
	make: Hunter douglas/ Roselle/winfab .	203110	Squar			
5.1.2	item same as above but for black out in conference room	46.46	Sq.m.			
	TOTAL OF INTERIOR-FURNISHING WORKS					
S.No	FLOORING WORK Particulars	Quantity	Unit	Rate	Amount	Refrence Image
Note:	(Quoted Rates are for all heights, depths, levels, leads and lifts and	Quantity	Cint	Rate	Amount	Kerrence image
	for all design and pattern shown in drawings)					
	Stones shall be procured in slabs of varying sizes quoted rates also to include cutting of stones as per required sizes from slab. Note:					
	Actual finished area to be measured and paid for.					
	•					
	Note :- Vendor Shall submit & get approved all type of					
	stone/Tiles sample by Architect before execution.					
	Make Vitrified Tiles: Granito/ Kajaria/ Restile/ Somany/Qutone/					
	Nitco Make Ceramic Tiles: Kajaria/Somany/Bell/Nitco/Qutone					
	, , , , , , , , , , , , , , , , , , , ,					
6.1	Providing and laying polished granite stone in choice shade laid in					
	floors and counter tops over 20mm (average) thick base of cement mortar 1:4 (1 cement :4 coarse sand) followed by laying and fixing					
	with highly polymer single component adhesive of LATICRETE /					
	BAL ENDURA or equivalent with minimum 6 mm thickness and					
	jointed with white cement slurry mixed with matching pigment, including rubbing and polishing and curing etc. complete at all					
	levels. (Sample of stones shall be got approved by Architect. Basic					
	cost @Rs. 250/- per sq.ft.)					
6.1.1	item same as above in flooring, Staircase steps, landing etc. the cost	25.00	Sq.m.			
	shall be included with necesarry groove, joints chamfer, all complete					
	as drawings to be provided by the architect/as per instuction of site					
	in charge.					
6.1.2	item same as above in skirting, risers of steps, Ledge of pantry	5.00	Sq.m.			
	counter etc., on 12mm thick cement plaster 1:3 (1 cement : 3					
	coarse sand) with necesarry groove, joints chamfer, all complete as drawings to be provided by the architect/as per instuction of site in					
	charge.					
- (2	D 17 11 1010 111 D 11 177 77 177 6					
6.2	Providing and laying 10-12mm thick Dual charged Vitrified tiles of Kajaria/ Marbonite/ Somany/ Nitco make or approved equivalent					
	and of approved shade of size as per drawing in floors over 20mm					
	(average) base of cement mortar 1:4 (1 cement :4 coarse sand)					
	required thickness to match finished floor level mentioned and to match the neighboring floor finish and jointed with epoxy grout of					
	approved shade from Bal Endure or equivalent brand all complete as					
	directed complete. Rate to include forming pattern in the flooring					
	like border, skirting, cut tiles, Protecting of the tile till hand over date by POP., etc all complete as per detailed architectural drawing.					
	g.					
	same as above With Vitrified Tiles of Base rate of Vitrified tiles	545.00	Sq.m.			
	Rs. 100/- per Sft leaving taxes and freight and loading un loading		-			
	charges)					
	Descriding and Spring William Transfer and Co. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	545.00				
6.3	Providing and fixing William Tape for protecting floor &glass from dust during construction .Item includes removing the tape after	545.00	Sq.m.			
	completion of work and cleaning the area.					
6.4	Australian /swiss White stone Flooring and Skirting: With 18-20mm thick mirror polish machine cut Vietnam white Stone flooring with	45.00	Sq.m.	7		
	skirting over 20mm (average) thick base of cement mortar 1:4 (1					
	cement :4 coarse sand) followed by laying and fixing with highly polymer single component adhesive of LATICRETE / BAL ENDURA or					
	equivalent with minimum 6 mm thickness and jointed with white					
	cement slurry mixed with matching pigment, including rubbing and polishing and curing etc. complete at all levels. (Sample of stones					
	shall be got approved by Engineer-in-Charge).					
-	(Basic rate of stone Rs.700/- per Sqft leaving taxes and freight and					
	loading un-loading charges) for President Floor					
-	TOTAL OF FLOORING WORK CARRIED OVER TO SUMMA	PV				
	TOTAL OF FLOORING WORK CARRIED OVER TO SUMMA					
7	MISCELLANEOUS ITEMS					
7.1	Provoding and Fixing Logo for OIC WITH TEXT AND LOGO for main reception area made with S.S and Back Led lighting (with	1	each			
	necessary connections) of approved color as shown in drawing or as					
	directed by the architect.					
7.2	Provoding and Fixing Signage in area's such Lift Lobby for Floor					
7.2	Indication etc.					
7.2.1	Toilet signages (Gents)- on door :	2	each			
	Acrylic ducopainted signage with text / graphics in 3M grade vinyl Size: 200 mm wide x 200 mm tall * sign mounted on door					Toilets
	Sign mounted on door					<u>•</u>

7.2.2	Toilet signages (Ladies)- on door: Acrylic ducopainted signage with text / graphics in 3M grade vinyl Size: 200 mm wide x 200 mm tall * sign mounted on door	2	each		Toilets
7.2.3	Floor Level Indicator - wall mounted : (LIFT LOBBY) Acrylic ducopainted signage with text / graphics in 3M grade vinyl Size : 317 mm wide x 317 mm tall * sign mounted on wall	2	each		2
7.2.4	Cabin Naming (In vinyl on glass): Ht. 30mm, Font: Expert sans regular, Length Max. 450 mm Ref.: Colour 100 % cyan. 4 colour process C100 MO to KO. RGB: R0 G164 B232	15	each		Room 6
7.2.5	Desk Numbering	55	each		7-931
7.2.6	Supply & Installtion of Pull - Push Signages : Brush finish stainless steel etched signs Size : 2.5"(H) x 2.5"(W) set includes 1 pull & 1 push	20	each		PUSH PULL
	TOTAL OF MISCELLANEOUS WORK CARRIED OVER TO S	SUMMAR	Y		
0	BRICK WORK				
8.1	BRICK WORK 115 mm (4 1/2 ") thick brick masonry in first class bricks/brick titles in superstructure at all levels above plinth in cement mortar 1:4 (1 cement: 4 coarse sand) with 1 No. 6mm dia M.S. bar after every fourth course complete including the cost of steel bars.including plaster 1:4) on both sides of wall, including casting lintels for doors.	35.14	sq.m.		
8.2	P.C.C Providing and laying plain cement concrete 1:2:4 mix (1 cement :2 coarse sand :4 hard stone aggregate 20 mm nominal size) under floors. For raceways, electrical conduits in floors etc. over existing R.C.C Slab, necessary shuttering, curing, compacting, etc Complete & all to be included in cost & quoted rate shall for all levels of floor & height.	15.41	cu.m.		
	For raceways, electrical conduits in floors etc.				
	TOTAL OF CIVIL WORKS CARRIED OVER TO SUMMARY				
9	COMPACTOR				
9.40	KD OPTIMIZER 15				
9.40.1	SD2-Single Static Drive Cover Unit 2 Bay	2	no.		
9.40.2	LD2-Single Last Drive Unit 2 Bay	2	no.		
9.40.3	TD2-Twin Mobile Drive Unit 2 Bay	6	no.		-
	(915 mm W x 381mm D x 1980mm H)				
	CHANNELS				
9.40.4 9.40.4	9'0"	2	no.		
	Construction: Rigid Knock Down construction made out of 0.8 thk. CRCA Steel. Finish: The bodies including shelves are given antirust surface treatment & are powder coated with epoxy polyester powder. It involves an 8 step treatment consisting of Hot water rinse, Knock of degreasing, degreasing, cold water rinse, phosphating, cold water		IIV.		ASSURANC
	rinse, and passivation & dry off oven treatment. Final finish consists of epoxy polyester powder coating of approved color & shade with a Dry Film Thickness of minimum 40 microns. Shelf: It is made of 0.8 thk CRCA steel Shelves are mounted on support brackets & shelf level can be adjusted at approx. 25.4 pitches. There are 4 adjustable shelves per body giving 5 loading levels, if no Cradle pair is provided. Finish: The undercarriage, after pre-treatment, is coated with final finish consisting of epoxy polyester powder coat of approved color & shade with a Dry Film Thickness of minimum 40 microns. Centralized Locking Drive Type PU Drive wheel and 'Sprocket-Chain-Tensioner' arrangement mounted rigidly onto body sidemovement of units is achieved mechanically through a Drive wheel and Sprocket-Chain' arrangement mounted rigidly onto body side.				
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1.	9.41	KD OPTIMIZER 15				
9.4.12 St. Stingtle Last I Bay Poth Dell Types 2 m. m.			1	no.		
9.14.1 (CHANNE) 9.14.1 (CHANNE) 9.14.1 (CHANNE) 1. (CH			1			
CALANDESS 100	9.41.3	TM1-Twin Mobile 1Bay Push Pull Type	2	no.		
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Construction Rigid Rock Down construction made out of 0.8 Ith R. (CRO. See including able vom Plant: The booker including able vom repsy polyceter prowder. In involves an B darp renament construing of 16st water rivers, Rock of o degreeating, degreeating, cold water roams, phesphating, cold water over recutment. Find finish consists of repsy polyceter powder conting of approved color 8 challe with a Dry Plant Thickness of minimum of neurons. Shell it is indied of 0.0 Bill CRC Act seld Solvelus are mounted in pitches. There are 4 shipstable shelves per looky girting Is loading evols. If not calle part is provided. Trainfit: The understarriage, after pre-freshment, in conted with provider under of approved color 8 color of approved color 8 and address with a Dry Plan Thickness of minimum of micross. Punk-Pul Moverment of units achieved by praching or pulling Clinicum plated rigidity fixed at studied begint on body underscarring than 8 areas of antiferitation lab bearings for rolling enter channel 10. FURNITURE WORKS 10.1 PARTITION WORKS 10.2 PARTITION WORKS 10.3 PARTITION WORKS 10.3 PARTITION WORKS 10.4 PARTITION WORKS 10.5 PARTITION WORKS 10.5 PARTITION WORKS 10.6 PARTITION WORKS 10.7 PARTITION WORKS 10.7 PARTITION WORKS 10.8 PARTITION WORKS 10.9 PER PUNK WORKS CARRIED OVER TO 10.8 PARTITION WORKS 10.9 PER PUNK WORKS CARRIED OVER TO 10.9 PER PUNK WORKS 10.1 PARTITION WORKS 10.1 PARTITION WORKS 10.1 PARTITION WORKS 10.1 PARTITION WORKS 10.2 PARTITION WORKS 10.3 PARTITION WORKS 10.4 PARTITION WORKS 10.5 PARTITION WORKS 10.5 PARTITION WORKS 10.5 PARTITION WORKS 10.5 PARTITION WORKS 10.6 PARTITION WORKS 10.7 PARTITION WORKS 10.7 PARTITION WORKS 10.8 PARTITION WORKS 10.8 PARTITION WORKS 10.8 PARTITION WORKS 10.9 PARTITION WORKS 10.1 PARTITION W						
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degreasing, degreasing, degreasing, cold water rines, phosphating, cold water trings, and passivation & gray of over treatment. Final finals consists of egony polysater powder over treatment. Final finals consists of egony polysater powder shades with 20 yr plin Thickness of minimum 40 micross. Shoff it is made of 0.6 hid CRCA ared Shevers are mounted on support brackets & deliver cost and progress 2.5 4 people. The control of the progress 2.5 4 people. The progress 2.5 4 people and the progress 2.5 4 pe						
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Solid It is made of 08 this CECA steel Selectes are mounted on support tractes 8 shell releve in the aliquical at aligned at pagence 254 patches. There are 4 adjustable shelves per body giving 5 loading Facility. The trace of a shell shelves per body giving 5 loading Facility. The trace of a shell shelves per body giving 5 loading Facility. The trace of approved color 8 shade with a Dy Film Thickness or initionant 40 nicross. Prob- brd Mecrosom of outside 5 shade with a Dy Film Thickness or initionant 40 nicross. Prob- brd Mecrosom of outside 5 shade with a Dy Film Thickness or initionant 40 nicross. Prob- brd Mecrosom of outside 5 shade with a Dy Film Thickness or initionant 40 nicross. Prob- brd Mecrosom of antification hall bearings for rolling onto channel on the shade of the shade o						
support brackets & shell level can be aljusted at apprace, 25.4 piches. There are a dijustable shelves per both y giver; 5 bading levels, if no Cradle part is provided, levels, if no Cradle part is provided, levels, if no Cradle part is provided. In the content of the provided of the shelves with a Dy Flim Trickness of minimum 40 mine cores. Push-Pull Movement of units achieved by pushing or pulling. Cromo plated rigidly the dest at rutable height on body under carriages has 4 nos. of antifriction ball bearings for rolling onto channel I TOTAL OF COMPACTORS WORKS CARRIED OVER TO SUMMARY 10. PARTITURE WORKS 10.11. PARTITURE WORKS 10.12. PARTITURE WORKS 10.13. PARTITURE WORKS 10.14. PARTITURE WORKS 10.15. PARTITURE WORKS 10.17. PARTITURE WORKS 10.19. Post of height partitions with red marmed frame work of 2" x 2" and the partitions. Partitions of the partitions. Partitions of the partitions. Provided frame partitions of the partitions. Provided frame partitions of the partitions. Provided frame partitions are approved design (10mm toughtlend glass with) glass at 3" of "a to 3" and the plantage of the partitions. Provided frame partitions are approved design (10mm toughtlend glass with) glass at 3" of "a to 3" and the plantage of the partitions. Provided frame partitions are approved design (10mm toughtlend glass with) glass at 3" of "a to 3" and the plantage of the partitions. Provided frame partitions are 3" in a partition of the partitions are partitions and the partition of the partitions are partitions and the partition of the parti		shade with a Dry Film Thickness of minimum 40 microns.				
pitches-There are 4 adjustable shelves per body giving 5 leading levels, if not Crafle pair is provided. Finish: The undercarriage, after pre-treating, a long price with final finish consisting of epony polymeter Thickness of minimum 40 microns. Path-Pull Movement of units achieved by pushing or pulling Chrome plated rigidly fixed at suitable height on body side. Each movable undercarriage has 4 nos. of antifriction ball bearings for rolling onto channes on the control of the contr						
levels, if no Cradle pair is provided. Finish: The undercarriage, after pre-treatment, is coated with final finish consisting of epoxy polyester provider cost of approved color & shade with a Dry Film Pack-Pull Movement of units achieved by pucking or pulling Grome planter (girld) freat a suitable height on body side. Each movable undercarriage has 4 nos. of antifriction hall bearings for rolling onto channel 10 FUNNITURE WORKS 10.1 PARTITION WORKS 10.1.1 PARTITION WORKS 10.2.1 PARTIC (GLAZE) a) PF full height puritions with red manuadi frame work of 2" x 2"nardwood members 0 1 - 6" c. p, minute with fire retardent cum anti termite paint viper star FR 81, with 12 nm this. Commercial phywood and 1 mm this. Lammate on both face of the puritions. Fixed firmly in position with 2" to 4" skring lammated, providing wate pared with maximum growes as per architects structions / drawings. With doors and glazing panel with ecited glass as per approved design (Human tunplemed pass only sign shade, doors with stem beach wood frame work (3" x " l'e" x) per pay shade, doors with stem leaves and all necessary heitich-lattic hardwards-linges. With luminated band with greatment polished 3 x" if "e" x) per pay shade, doors with stem polished provides and provides of the puritiens. It is not been a polished to provide grown and all necessary heitich-lattic hardwards-linges. With luminated band with greatment polished at polished and polish						
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undercarriage has 4 nos of antifriction ball bearings for rolling onto channel TOTAL OF COMPACTORS WORKS CARRIED OVER TO SUMMARY 10. FURNITURE WORKS 10.1 PARTITION WORKS 10.1.1 PARTITY GLAZED a) PF full height partitions with red marandi frame work of 2" x 2"hardwood emembers of 1"-6" cc, painted with fire teatedent cum anti termite paint viper star FR 881, with 12 mm filk. Commercial plywood and 1 mm filk. Lamination of both faces of the partitions, Fixed firmly in position with 2" to 4" skirting luminated, providing was pasted with maximum grooves) as per architects instructions / drawings. With doors and glazing panel with teched glass as per approved design (from undefined glass only glass at 3"-6" h to 7"-3" high with steam beech wood frame work (3"x 1" ex) and beading melantine polished 3" x 1" ex) as per app shade, doors with steam beech wood bottom stile to be 8" x 11 2" and sted and top asite to be 3" x 11 2" and rest (florm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest (florm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest (florm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest (florm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest offlorm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest offlorm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest offlorm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest offlorm toppleand glass, chowkat (3" x 1" ex) and top asite to be 3" x 11 2" and rest offlorm toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glass, chowkat (3" x 1" ex) and toppleand glas						
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10.1 PARTITION WORKS 10.1.1 PARTITION WORKS 10.1.2 PARTIX GAZED 10.2 PARTIX GAZED 11.2 PARTIX GAZED 12.3 "Partix of AZED 2." Increased with a staining partition with red marmed, frome work of 2" x 2" and work of 1" 6" cc, painted with five retardent cum anti termine paint viewer star FR 81, with 12 mm th. Commercial plywood and 1 mm thk. Laminate on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per approved design (10mm tupelined glass not) glass at 3".6" to 7".3" high with staum beach wood frame work (3"x 1" cx) as per app shade, dorse with steam beach wood bottom stile to be 8" x 1 12" and side and top stile to be 5" x 1 12" and rest 10mm tupelened glass. However, and the standard of the standar		onto channel				
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10.1.1 PARTITION WORKS 10.1.1 PARTY GLAZED 2 That Work Out control with the standard frame work of 2" x and 2" a						
a) PF this heigh partitions with red marandi frame work of 2" x 2"hardwood members № 1'-6" c/c, painted with fire retardent cum anti termite paint vipes at FR 881, with 12 mm thk. Commercial plywood and 1 mm thk. Laminate on both faces of the partitions. Fixed frimly in position with 2" to 4" strining laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions s' drawings. With doors and glazing panel with etched glass as per approved design (10mm toughfened glass only glass at 3'-6" to 17".3" high with steam beech wood frame work (3"x 1"ex 2) and beading melamine polished of 3"x 1"ex 2) and beading melamine polished of 3"x 1"ex 1"ex 2" and side and top site to be 5" x 1 12" and side and top site to be 5" x 1 12" and rest 10mm toughened glass. chowkat (3" x 1"ex 2) with efficient gadgets door closer D.C. 2000/Domaiozone and all necessary heterichaffle hardwares/lings. With laminated band with grooves at ceiling /partition interface both side:(All laminates to be Merinolam/green lam/Formica/century make) (b) PF Low height partitions as per design upto maximum upto 4"-6"high with red marandi frame work of 2" x 2" members № 1"-6" c/c. painted with fire retardent viper firerester. FR-881 viger paint, with 12 mm thk. commercial phywood. Imm laminates on both faces of the partitions. Flazed firmly in position with 2" to 4" skirring laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 212" to 5"x". The melamine polished as per design fixed with curopean/german steemed beech section 212" to 5"x". The melamine polished as per design with 34" X34"cs steam beech moudding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor , The glass height may range from 1"-6" to 3-0" and can be on top or i		i				
a) PF full height partitions with red marandi frame work of 2" x 2"hardwood members 6" 1-6" cc., painted with fire retardent cum anti termite paint viper star FR 881 , with 12 mm tht. Commercial plywood and 1 mm tht. Laminate on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for passing and not waste pasted with maximum grooves) as per architects instruction s' drawings. With doors and glazing panel with etched glass as per approved design (10mm tunglifened glass only) glass at 3".6" h to 7".3" high with steam beech wood frame work (3" x "ex) and beading melamine polished 3" x 1" ex) as per app shade, doors with steam beech wood bottom site to be 8" x 1 112" and side and top stille to be 5" x 1 12" and rest of lumm toughened glass, chowkata (3" x 1 12" ex) with efficient gadgets door closer D.C. 2000/Domaiozone and all necessary hetch-haffle hardware/shinges With laminated band with grooves at ceiling 'partition interface both sides,(All laminates to be Merinolam/green lam/Formica' century make) (b) PF Low height partitions as per design upto maximum upto 4". 6" high with red marandi frame work of 2" x 2" members @ 1".6" 6" high with red marandi frame work of 2" x 2" members @ 1".6" 6" high with red marandi frame work of 2" x 2" members @ 1".6" 6" high with red marandi frame work of 2" x 2" members @ 1".6" 6" high with red marandi frame work of 2" x 2" members @ 1".6" 8 c yem 124.09 sq.m. (b) PF Low height partitions as per design upto maximum upto 4". 6" high with red marandi frame work of 2" x 2" members @ 1".6" 6" high with red marandi frame work of 2" x 2" members @ 1".6" 6" high with red marandi frame work of 2" x 2" members @ 1".6" 8 c yem 124.09 sq.m. (b) PF Low height partitions as per design not member and partition set on the contractor 1.20	10.1					
2"hardwood members 6" 1-6" cc, painted with fire retardent cum anti termile paint viper star FR 881, with 2 mm thc. Commercial plywood and 1 mm thk. Laminate on both faces of the partitions. Fixed firmly in position with 2" to 4" skirring laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings. With doors and glazing panel with etched glass as per approved design (10mm toughfened glass only) glass at 3"-6" h to 7"-3" high with steam beech wood frame work (3"x 1"ex) and beading melamine polshed (3"x 1"ex) as per app shade, doors with steam beech wood bottom stile to be 8"x 1 12" and rest 10mm toughened glass, chowkar (3" x 1 12" ex) with efficent gadgets door closer D.C. 2000/Domaiozone and all necessary hetch/haffle hardwares/hinges With laminated band with grooves at ceiling /partition interface both sides (All laminates to be Merinolam/green lam/Formica/century make) (b) P/F Low height partitions as per design upto maximum upto 4"-6" c/c. painted with fire retardent viper firectures-FR-881 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed frimity in position with 2" of "skirring laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed bech section 212" to 3"x1". In melamine polished as per design and fixing plain etched 12mm glass as a partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 212" to 3"x1". In melamine polished as per design with 3"4" X34" xx steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor The glass height may range from 1'c6" to 3-0" and can be on top or in bottom of partition as per architect						
anti termite point viper star FR SR 1, with 12 mm th. Commercial plywood and 1 mm th. Laminate on both faces of the partitions. Fixed firmly in position with 2° to 4" skirring laminated, providing of grooves (mux size of minimate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings. With doors and glazing panel with etched glass as a per approved design (10mm tneghtened glass only) glass at 3°-6" h to 7'-3" high with steam beech wood fame work (3" x" (" x x) and beading melamine polished(3" x" (" x x) as per app shade, doors with steam beech wood fame work (3" x" (" x x) and beading melamine polished(3" x" (" x x) as per app shade, doors with steam beech wood fame work (3" x" (" x)" and rest of partition interface both sides, All laminates to be Merinolant/green lam/Formica' century make) (b) P/F Low height partitions as per design upto maximum upto 4"-6" (high with red marandi frame work of 2" x 2" members @ 1"-6" (" c), painted with fire retardent viper firecetar- FR sR1 viper paint, with 12 mm ths. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions/ drawings, with 0 pof partition where glass is not there in european german steemed beefs section 21/2" xill "Ex melamine polished as per design mith deceled 12mm glass as a partition fixed firmly in position with edge polishing in slant / curved or straight line as per design fixed with european/german steemed beech section 21/2" to 3" xill "nelamine polished as per design with 34 "X34"x steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor . The glass height may range from 1"-6" to 3-0" and can be on top or in bottom of partition as per architect's instructions.	a)			sq.m.		
plywood and 1 mm thk. Laminate on both faces of the partitions. Fixed firmly in position with 2" to 4" skiring laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings. With doors and glazing panel with teched glass as per approved design (flomm tuopfitened glass only) glass at 3-6" h to 7"-3" high with steam beech wood frame work (3" x 1" ex) as per app shade, doors with steam beech wood frame work (3" x 1" ex) as per app shade, doors with steam beech wood frame work (3" x 1" ex) as per app shade, doors with steam beech wood with efficient gadgets door closer D.C. 2000/Dorma/corone and all necessary hetitich/haffle hardwares/hinges With laminated band with grooves at celling /partition interface both sides (All laminates to be Merinolam/green lam/Formica/ century make) (b) PF Low height partitions as per design upto maximum upto 4" coft, painted with fire retardent viper fireretar- FR-881 viper paint, with 12 mm thic. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" to 4" skirring laminated, providing of grooves (mas xize of laminates to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 21/2" to 3"x1" melamine polished as per design and ting plain ethed 21mm glass as partition fixed firmly in position with edge polishing in slant (curved or straight line as per design afting plain ethed 21mm glass as partition fixed firmly in position with edge polishing in slant (curved or straight line as per design afting plain ethed 21mm glass as partition fixed firmly in position with edge polishing in slant (curved or straight line as per design and fixed with european/german steemed beech section 21/2" to 3"x1" melamine polished as per design of the partition as per architect's instructions.						
Fixed firmly in position with 2" to 4" skiring laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions.\(^1\) drawings. With doors and glazing panel with etched glass as per approved design (10mm tuoghfened glass only) glass at 3'-6" h to 7'-3" high with steam beech wood frame work (3''x 1"ex') and beading melamine polished (3''x 1"ex') as per app shade, doors with steam beech wood bottom stile to be 8" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile to be 5" x 1 1/2" and side and top stile stile to be 5" x 1 1/2" and side and top stile stile to be 5" x 1 1/2" and side and top stile st						
of grooves (mas size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings. With doors and glazing panel with etched glass as per approved design (flomm tongliftened glass only) glass as a 3-6" h to 7'-3" high with steam beech wood frame work (3"x 1"ex) and beading melamine polished (3"x 1"ex) as per app shade, doors with steam beech wood bottom stile to be 8"x 1 1/2" and side and top stile to be 5"x 1 1/2" and rest 10mm toughened glass, chowkat (3"x 1 1/2" as y large gadgest door closer D.C. 2000/Dorma/cozone and all necessary hettich haftle hardwares/hinges With laminated band with grooves at ceiling /partition interface both sides/(All laminates to be Merinolam/green lam/Formical century make) (b) P/F Low height partitions as per design upto maximum upto 4"- 6"high with red marandi frame work of 2" x 2" members @ 1"-6" c/c, painted with fire retardent viper fireretar- RR-881 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminates to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions/drawings, with top of partition where glass is not there in european/german steemed beech section 21/2" to 3"x1" melamine polished as per design of fixed with european/german steemed beech section 21/2" to 3"x1" melamine polished as per design with 34 "X3/4"ex steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for puyment to the contractor The glass height may range from 1"-6" to 3"-0" and can be on top or in bottom of partition as per architects' instructions.						
drawings. With doors and glazing panel with etched glass as per approved design (florm tooghfend glass onby) glass at 3 -6" h to 7'-3" high with steam beech wood frame work (3"x 1"ex) and beading melamine polished (3"x 1"ex) as per app shade, doors with steam beech wood bottom stile to be 8"x 1 1"2" and side and top stile to be 5"x 1 1"2" and rest 10mm toughened glass, chowkat (3" x 1 1"2" ex) with efficient gadgets door closer D.C. 2000/Dorma/cone and all necessary hettich harfle hardwareshinges With laminated band with grooves at ceiling /partition interface both sides.(All laminates to be Merinolam/green lam/Formica/ century make) (b) P/F Low height partitions as per design upto maximum upto 4"- 6"high with red marandi frame work of 2" x 2" members @ 1"-6" c'c, painted with fire retardent viper fireretar- FR-881 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" of a "skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions/drawings, with top of partition where glass is not there in european/german steemed beech section 21/2" to 3"x1" melamine polished as per design and fixing plain etched 12mm glass as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with curopean/german steemed beech section 21/2" to 3"x1" melamine polished as per design with 34" "X3/4"x steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor The glass height may range from 1"-6" to 3-0" and can be on top or in bottom of partition as per architect's instructions.						
approved design (10mm toophened glass only) glass as 3'-6" is to 7'-3" high with steam beech wood frame work (3''x 1'ex) and beading melamine polished (3" x 1" ex) as per app shade, doors with steam beech wood bottom stile to be 8" x 1 1/2" and rest 10mm toophened glass, chowkait (3" x 1 1/2" ex) with efficent gadgets door closer D.C. 2000/Dorma/zorone and all necessary hetich/haffle hardwares/hinges With laminated band with grooves at ceiling /partition interface both sides.(All laminates to be Merinolant/green lam/Formica/ century make) (b) P/F Low height partitions as per design upto maximum upto 4'-6'high with red marandi frame work of 2" x 2" members @ 1'-6" c'c, painted with fire retardent viper fireretar-FR-88 18 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partition. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 21/2 "x\l^2 Ex melamine poilshed as per design and fixing plain etched 12mm glass as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 21/2" to 3"x\l^2 melamine polished as per design with 34" x\l^2 x\l^2 ex team beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor . The glass height may range from 1'-6' to 3'-0' and can be on top or in bottom of partition as per architect's instructions.		waste pasted with maximum grooves) as per architects instructions /				
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beading melamine polished (3" x 1" ex) as per app shade, doors with steam beech wood bottom stile to be 8" x 1 1/2" and side and top stile to be 5" x 1 1/2" and rest 10mm toughened glass, chowkat (3" x 1 1/2" ex) with efficent gadgets door closer D.C. 2000/Dorma/zone and all necessary hetitch/haffle hardwares/hinges. With laminated band with grooves at ceiling /partition interface both sides.(All laminates to be Merinolam/green lam/Formica/ century make) (b) P:F Low height partitions as per design upto maximum upto 4". end of high with red marandi frame work of 2" x 2" members @ 1'-6" c/c, painted with fire retardent viper fireretar-FR-881 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 21/2" "X!" Ex melamine polished as per design fixed with european/german steemed beech section 21/2" "X!" melamine polished as per design fixed with european/german steemed beech section 21/2" "X!" melamine polished as per design fixed with european/german steemed beech section 21/2" "X!" melamine polished as per design with 3/4 "X3/4" ex steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor The glass height may range fron 11-6" to 3-0" and can be on top or in bottom of partition as per architect's instructions.						
with steam beech wood bottom stile to be 8" x 1 1/2" and side and top stile to be 5" x 1 1/2" and rest 10mm toughened glass, chowkat (3" x 1 1/2" ex) with efficent gadgets door closer D.C. 2000/Dorma/ozone and all necessary hettich/haffle hardwares/hinges With laminated band with grooves at ceiling /partition interface both sides.(All laminates to be Merinolam/green lam/Formica/ century make) (b) P/F Low height partitions as per design upto maximum upto 4"- 6"high with red marandi frame work of 2" x 2" members @ 1"-6" c/c , painted with fire retardent viger fireretar-FR-881 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions/drawings, with top of partition where glass is not there in european/german steemed beech section 21/2 "13" Ex melamine polished as per design and fixing plain etched 12mm glass as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 21/2" to 3"x1" melamine polished as per design with 3/4 "X3/4"cs steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor The glass height may range from 1'-6" to 3'-0" and can be on top or in bottom of partition as per architect's instructions.						
top sile to be 5" x 1 1/2" and rest 10mm toughened glass, chowkat (3" x 1 1/2" ex) with efficent gadgets door closer D.C. 2000/Dorma/ozone and all necessary hetich/haffle hardwares/hinges With laminated band with grooves at ceiling /partition interface both sides.(All laminates to be Merinolam/green lam/Formica/ century make) (b) P/F Low height partitions as per design upto maximum upto 4"- c'high with red marandi frame work of 2" x 2" members @ 1"-6" c'c painted with fire retardent viper fireretar- FR-881 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position wih 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 21/2" v3.1" Ex melamine polished as per design and fixing plain etched 12mm glass as as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 21/2" v3.1" melamine polished as per design with 3/4 "X3/4"ex steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor The glass height may range from 1-6" to 3-0" and can be on top or in bottom of partition as per architect's instructions.						
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(b) P/F Low height partitions as per design upto maximum upto 4'- 6'high with red marandi frame work of 2" x 2" members @ 1'-6" c/c , painted with fire retardent viper fireretar-FR-881 viper paint, with 12 mm thk. commercial plywood. 1mm laminates on both faces of the partitions . Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 21/2 "x1" Ex melamine polished as per design and fixing plain etched 12mm glass as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 21/2" to 3"x1" melamine polished as per design with 3/4 "X3/4"ex steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor , . The glass height may range from 1'-6" to 3'-0" and can be on top or in bottom of partition as per architect's instructions.						
6"high with red marandi frame work of 2" x 2" members @ 1'-6" c/c, painted with fire retardent viper fireretar- FR-881 viper paint, with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 21/2 "x1" Ex melamine polished as per design and fixing plain etched 12mm glass as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 21/2" to 3"x1" melamine polished as per design with 3/4 "X3/4"ex steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor , . The glass height may range from 1'-6" to 3'-0" and can be on top or in bottom of partition as per architect's instructions.						
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with 12 mm thk. commercial plywood. Imm laminates on both faces of the partitions. Fixed firmly in position with 2" to 4" skirting laminated, providing of grooves (max size of laminate to be taken for pasting and not waste pasted with maximum grooves) as per architects instructions / drawings, with top of partition where glass is not there in european/german steemed beech section 21/2 "x1" Ex melamine polished as per design and fixing plain etched 12mm glass as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 21/2" to 3"x1" melamine polished as per design with 3/4 "X3/4"ex steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor , . The glass height may range from 1'-6" to 3'-0" and can be on top or in bottom of partition as per architect's instructions.		6"high with red marandi frame work of 2" x 2" members @ 1'-6"				
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not there in european/german steemed beech section 21/2 "XI" Ex melamine polished as per design and fixing plain etched 12mm glass as partition fixed firmly in position with edge polishing in slant /curved or straight line as per design fixed with european/german steemed beech section 21/2" to 3"xI" melamine polished as per design with 3/4 "X3/4" ex steam beech moulding at bottom bands. The measurement to be taken in maximum rectangle for payment to the contractor , . The glass height may range from 1'-6" to 3'-0" and can be on top or in bottom of partition as per architect's instructions.						
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the contractor , . The glass height may range from 1'-6" to 3'-0" and can be on top or in bottom of partition as per architect's instructions.						
can be on top or in bottom of partition as per architect's instructions.						
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10.2 ISTODACE WODKS	10.2	STODACE WODES				
10.2 STORAGE WORKS	10.2	STURAGE WURKS				

a)	P/F full height 1'-6" deep (area calculated as length x breadth) storage in cabins as / dwg.made up of 19mm commercial blockboard shutters,sides & shelves with melamine polished european/german steemed beech ½"x ½" mouldings on margin and 11/2"x 1"European/German Steemed Beech. moulding on all edges sides and 3/4" X 3/4"Ex Steam beech moulding melamine polished at 2" high skirting level . 6mm plywood back,with 1mm thick laminate Merinolam/greenlam/Formica normal on top and other areas on all visible surfaces as per design with enamel/plastic base on inner surfaces, including efficent gadgets/godrej locks. stainless steel handles , and magnetic ball catchers with necessary hettich/haffle hardware,hinges, godrej locks and SS handles as per architects instructions including shelves as per design .	15.29	sq.m.		
b)	P/F low height 1'-6" deep(area calculated as length x breadth) storage in cabins as / dwg.made up of 19mm commercial block board shutters,sides & shelves with melamine polished european/german steemed beech ½"x ½" mouldings on margin and 11/2"x 1"European/German Steemed Beech. moulding on all edges sides and 3/4" X 3/4"Ex Steam beech moulding melamine polish at 2" high skirting level . 6mm plywood back,with 1mm thick laminate on all visible surfaces leaving storage table top. The storage top and visible sides finished with 12mm thick solid arcylic top (Corian Top) (basic rate of Rs. 1100/- per sq.ft. including taxes and transportation) in approved color and counter visible sides in white color as per drg/detail with enamel/plastic base on inner surfaces, mounted on powdercoated hinges, including efficent gadgets locks. C 4" stainles steel handles , and magnetic ball catchers with necessary hettich/haffle hardware, hinges, godrej locks and SS handles as per architects instructions including shelves as per design .	117.51	sq.m.		
10.3	TABLES				
10.3.1	P/F Tables of 2-6" height made ¾ "th comm board for tables 5'-0" and less long and 19mm comm block board for tables above than 5'-0" length , with modesty panel , all visible areas with 1mm laminate on all external & internal faces, only top and visible sides finished with 12mm thick solid arcylic top (Corian Top) (basic rate of Rs. 1100/- per sq.ft. including taxes and transportation) in approved white color and table visible sides in white color as per drg/detail with pencil drawer, file drawer, 3",6"drawer etc , 3"x 2" steam beech wood leg rest,european/german steemed beech ½"x ½" mouldings on margin and 11/2"x 1½"European/German Steemed Beech moulding on all edges sides and 3/4" X 3/4"Ex Steam beech moulding melamine polish at 2" high skirting level with all necessary hettich/haffle channels, Keyboard and channel ,handles to be stainless steel. as per drgs per design/architect's instructions, (Includes the cost of 3/4" X 3/4" ex steam beech moulding melamine polish at bottom bands) Godrej locks & SS handles as per approved sample.				
a)	Table of size 5'-0" x 2'-3" x 2-'6" high with side credenza /table of size 3'0" x 1'-6" x 2-'4" to 2'-6".	17	no.		
b)	Table of size 6'0 x 2'9" x 2'6" high with side credenza of size 3'0" x 1'-6" x 2'-4"to 2'-6" and drawer unit of size 1'6" x 2'0" x 2'4 1/2".	4	no.		
10.3.2	Manufacturing and installation of 2'-0" wide and 2'-6" high workstations with modesty panel with following specifications: Working top made out of 18 mm thick commercial ply, top and finished with 12mm thick solid arcylic top (Corian Top) (basic rate of Rs. 1100/- per sq.ft. including taxes and transportation), in approved color in white color all other visible areas laminated 1 mm. in approved color and counter side in white color with 1 nos computer key board drawer , and 2 sets of pencil drawer, two sets of file drawers 1'-6" wide ,3",6"drawer etc , and 3"x 2" EUROPEAN /GERMAN STEEMED BEECH wood angular leg rest , with 1'-6" storage beneath the table facing the legs with openable shutters with sheves inside, EUROPEAN /GERMAN STEEMED BEECH . mouldingon all edges sides and at 2" high skirting level with all necessary Hettich/haffel channels, handles ,hardware as per drg.				
a)	4'-0" x 2'-0" x 2'-6" (size of each table in linear workstation)	53	no.		
b)	8'-0" x 2'-0" x 2'-6" (size of table for IT section seating)	1	no.		
10.3.3	CONFERENCE TABLE				

a)	P/F Conference Table as per design 22'0" Running feet and approx 5'0" wide made up of 18mm thick commercial ply with modesty panel, top side finished with 12mm thick solid arcylic top (Corian Top) with 2" high corian edges (basic rate of Rs. 1100/- per sq.ft. including taxes and transportation) in approved color. Legs & all visible areas with 1 mm laminate as per detail with pencil drawer, as per drg/detail melamine polished on legs , with 1.5"x1.5" european/german steemed beech moulding on all edges sides and at 100 mm high skirting level. All mouldings melamine polished. The contractor to use flexible ply for the curved portion and 20% on both sides of conference table to have 12mm thick solid arcylic top (Corian) and also to integrate wiring for 1DATA/1VOICE/1AUDIO/1VIDEO /1 UPSor 5 amp normal point point etc. The contractor to put CABLE CUBBY FLIP SOCKET (The cost of 3 sets of cable flip socket included with wiring)	1	no.		
10.3.4.1	SOFA SETS Providing and fixing fully upholstered triple seater sofa with lining				
	with upholstery of Rs 800/- running meter, over markene ,over ½" poly foam, on 6" m.m foam, over no sag springs with necesary hard wood frame workand European/German Steemed Beech arm rests.				
a)	2 seater sofa	14	per seat		
b)	3 seater sofa	3	per seat		
10.3.5	DISCUSSION TABLE (FOR TP HUB)				
a)	Supply & installation of GC-960 Table of Geeken make with Chrome Plated Pipe Frame, MS Base Plate Powder Coated & Granite Top Size: 900mm (Diameter)	1	no.		
b)	GC-977 Chair of Geeken make with pipe Frame, Seat Back Leatherite Tapestry	4	no.		
10.3.6	CHAIRS (Featherlite/Godrej/Durian/Geeken make)				
a)	CRM & RM & CRM SECRETARIAT CABIN CHAIRS ERGON MB ML 'B' of FEATHERLITE MAKE * Ergon Medium Back * Mesh Chair * Kneetilt - Multilock Mechanism * Two Way Adjustable Arms * Fine Tunning Adjustable Lumbar Support * Aluminium Back * Nylon Base	4	no.		
b) c)	CRM & RM & CRM SECRETARIAT CABIN VISITOR CHAIRS ASTRO VISITOR of featherlite make Astro Medium Back Visitor Chair * Synchro Mechanism * Two Way Adjustable Arms * Nylon Base FOR MANAGER, DYP. MANAGER, VIGILANCE OFFICER	14	no.		

	Click - MBGS 'B' Type Arms Medium back chair * Synchro Mechanism, * Two Way Adjustable Arms * Nylon Base	14	no.		
d)	FOR MANAGER, DYP. MANAGER, VIGILANCE OFFICER VISITORS				
	Click - MBGS 'C' Type Arms Visitor chair * Synchro Mechanism, * Fixed Arms * Nylon Base	28	no.		
e)	FOR A.M , A.O & CONFERENCE ROOM				
	Contact Project MBGS 'B' Contact Project Medium * Mesh Back Chair * Synchro Mechanism * Adjustable Arms * Nylon Base	96	no.		

	Lucamoni, a curvan an amazo cumaro na comu			T	
f)	VISITOR'S LOUNGE SEATING OUTSIDE LIFT LOBBY	_			
1	SJ-820A-3S-BLACK PVC 3	2	set		
1	SEATER TANDEM WITH ARMS				
	WITH BLACK LEATHERITE				
g)	HELIX CORNER TABLE (Godrej Make)				
g)	The Top is Made up of Toughened Glass and the leg is made up of	2	no.		
		4	110.		
	Chrome Palted Undresturure. over all size of the coner table is				
	550(W)x550(D)x 510(H).				
	<i>f</i>				
	1				
	DICA CENTED TADLE (C-J: M-I)				
h)	PISA CENTER TABLE (Godrej Make)				
	Supplying and placing in position center table of the following	1	no.		
1	specifications. Glass shall be 12+/-0.3mm thick black tinted			1	
1	toughened glass UV glued with bushes made in SS 202 grade for			1	
1	fixing with understructure. It shall be a welded assembly made			1	
	in SS202 grade having dia. 12+/-0.04 as per IS:1762. overall				
1	dimensions of table shall be Width of table= 112.0 cm,				
	Depth=60.0 cm, height=35.1 cm.				
	TOTAL OF FURNITURE WORKS CARRIED OVER TO				
	SUMMARY				
II.O	ELECTRICAL WORKS				
				 	
1	Wiring for light point / fan point/exhaust fan/ / light socket switch				
1	with 3X1.5 (P+N+E) sqmm copper conductor FRLS insulated 1100v			1	
1	grade multi strand wire in concealed / surface using 20/25/32 rigid				
1	MS conduit 16swg thick with all bend, tees, saddle mounting box,				
	cover plate ceiling rose, etc. wherever required etc.& chromium				
	plate brass screw/rawl plug etc The circuit wiring start from DB to				
	point control box /switch box using 3x2.5 (P+N+E) sqmm copper				
1	conductor FRLS insulated 1100V grade multistrand wire with			1	
	notification ferrules at both end complete in all respect. The conduit				
	must be fixed with MS saddle at every 80cm on surface and conduit				
	to be laid in ceiling with proper clamps/wall floor filling the chase				
1	with cement mortar and finish the same in original form/wooden			1	
	partition above false ceiling chases filled with cement mortar as				
	required at site Each circuit shall have separate earth wire.All switch				
1	socket must be for modular type with M.S. Boxes and plate etc. as			1	
1	required. Note:-Each				
	circuit shall have independent earth wire each point shall be earthed.				
1	Circuit snail have independent earth wire each point snail be earthed. Circuit wiring is to be included in wiring.			1	
1	Circuit witing is to be included in witing.			1	
1				1	
1				1	
1.1	One light controlled by one 6A modular one way switch.	5	Nos		
1.2	Two light controlled by one 6A modular one way switch.	11	Nos		
1.3	Three light controlled by one 6A modular one way switch.	15	Nos		
1.4	Four light controlled by one 6A modular one way switch.	10	Nos		
1.5	Six light controlled by one 6A modular one way switch.	8	Nos		
1.6	Eight light controlled by one 6A modular one way switch.	3	Nos		
	LEIGHT HOUT CONTIONED BY ONE OA MOUITAL ONE WAY SWITCH		1105	1	
1.0	Eight right controlled by one oA modular one way switch.				
		1	Noc		
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper	2	Nos		
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of	2	Nos		
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit	2	Nos		
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the	2	Nos		
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush	2	Nos		
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through	2	Nos		
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC	2	Nos		
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through	2	Nos		
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire.				
	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet	2	Nos		
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet Shuttered controlled with one no. 16A switch mounted side by side				
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet				
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2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet Shuttered controlled with one no. 16A switch mounted side by side with 2 x 2.5 sq.mm. PVC insulated single core FRLS flexible copper conductor in concealed/exposed RIGID PVC conduits 2mm thick and EARTHING WITH one no. 1.5 sq.mm. insulated				
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet Shuttered controlled with one no. 16A switch mounted side by side with 2 x 2.5 sq.mm. PVC insulated single core FRLS flexible copper conductor in concealed/exposed RIGID PVC conduits				
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick Gl box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and Gl box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet Shuttered controlled with one no. 16A switch mounted side by side with 2 x 2.5 sq.mm. PVC insulated single core FRLS flexible copper conductor in concealed/exposed RIGID PVC conduits 2mm thick and EARTHING WITH one no. 1.5 sq.mm. insulated green color earth wire. (Max. 3 Points to be looped from one circuit). All switch socket must be for modular type with M.S.				
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick GI box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and GI box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet Shuttered controlled with one no. 16A switch mounted side by side with 2 x 2.5 sq.mm. PVC insulated single core FRLS flexible copper conductor in concealed/exposed RIGID PVC conduits 2mm thick and EARTHING WITH one no. 1.5 sq.mm. insulated green color earth wire.(Max. 3 Points to be looped from one				
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick Gl box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and Gl box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet Shuttered controlled with one no. 16A switch mounted side by side with 2 x 2.5 sq.mm. PVC insulated single core FRLS flexible copper conductor in concealed/exposed RIGID PVC conduits 2mm thick and EARTHING WITH one no. 1.5 sq.mm. insulated green color earth wire. (Max. 3 Points to be looped from one circuit). All switch socket must be for modular type with M.S.				
2	Wiring for Exhaust fan point with 2.5 sq. mm. insulated copper conductor 1100 volts grade stranded flexible FRLS wires of approved make in 25 mm dia heavy duty FRLS PVC conduit including providing & fixing of 6 amps flush mounted switch at the normal switch level in 1.6 mm thick Gl box and 6 amps 3 pin flush mounted socket near exhaust fan and earthing of exhaust fan through the third pin of the socket outlet and Gl box with 2.5 sq.mm. PVC insulated copper conductor flexible FRLS wire. WIRING FOR Three nos. 6A Universal UPS power socket oulet Shuttered controlled with one no. 16A switch mounted side by side with 2 x 2.5 sq.mm. PVC insulated single core FRLS flexible copper conductor in concealed/exposed RIGID PVC conduits 2mm thick and EARTHING WITH one no. 1.5 sq.mm. insulated green color earth wire. (Max. 3 Points to be looped from one circuit). All switch socket must be for modular type with M.S.				

4.1	Wiring for 250 volts single phase and neutral 16 amps switched socket outlet with 4 sq.mm PVC insulated copper conductor 1100 volts grade stranded flexible FRLS wires in concealed or surface mounted 25 mm dia with heavy duty FRLS PVC conduit including providing and fixing of 16 amps 3 pin switched sockets of approved make and design in 1.6mm thick GI box with grid plates and earthing the third pin of each socket outlet with 4 Sq mm PVC insulated copper conductor stranded flexible FRLS wire (Power points). Note: Circuit wiring to be included and one power point to be in one circuit.All switch socket must be for modular type with M.S. Boxes and plate etc. as required. AC POINTS	55	Nos		
5.1	Wiring for 250 volts single phase and neutral 20 amps switched	30	Nos		
	whing for 250 voits single phase and neutral 20 amps swinted socket outlet with 6 sq.mm PVC insulated copper conductor 1100 volts grade stranded flexible FRLS wires in concealed or surface mounted 25 mm dia with heavy duty FRLS PVC conduit including providing and fixing of 2 Nos. 20 amps each 3 pin switched sockets of approved make and design in 1.6mm thick GI box with grid plates and earthing the third pin of each socket outlet with 4 Sq mm PVC insulated copper conductor stranded flexible FRLS wire. Note: each point to be one circuit. (Contractor should note and qoute that that there are 2 nos 20 amp each 3 pin switch sockect of modular type with MS boxes to be installed with each point)	30	Nus		
6.0	DISTRIBUTION BOARD				
6.1	Supplying & fixing following way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral busbar, earth busbar, din bar, detachable gland plate, interconnections powder painted including earthing etc. (But without MCCB/RCCB/MCB)				
6.1.1	12 way (8 + 36) double door (for light, plug,power,AC normal DB-& Emg DB)	8	No		
6.2	Supplying and fixing of following rating four pole (three phase and neutral) 415 volts, residual current ciecuit breaker (RCCB)having a sensitivity up to 100 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
6.2.1	63 amps	8	No		
6.3	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'B' series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
6.3.1	Single pole	120	No		
6.4	Supplying, fixing, connecting, testing and commissioning of following rating, ISI marked (IS 8828) 240 / 415 volts, 10 KA, Miniature Circuit Breaker (MCB) of single / double / three / four poles in the existing MCB DB or in existing MS enclosure complete in all respects.				
6.4.1	63 Amp. FP MCB	8	No		
7	SUBMAINS/MV CABLES				
7.1	SUPPLY Supply of following sizes of FRLS 1.1 KV stranded compact circular aluminium conductor screened with extruded semi conducting compound, XLPE insulated,Al round wire armoured & overall PVC sheathed cable conforming to IS to IS 7098 (Part-I) with latest amendments				
7.1.1	3.5 x 95 sq.mm.	95	RM	-	
8	CABLE LAYING				
	Laying of one number XLPE insulated and PVC sheathed power cable of 1.1 KV grade of following sizes in open duct or on surface as required.				
8.1	Above 35 sq. mm and upto 95 sq. mm	95	RM		
9	CABLE TERMINATION				
9.1	Supply & making end termination with brass compression gland and aluminium lugs for following following size of PVC insulatedand PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required.				
9.1.1	3.5 x 95 sq.mm.	4	Nos		
10	SUB MAIN WIRING				
10.1	Wiring of submain wiring along with earthwith following sizes of FRLS PVC insulatd copper conductor single core cable in surface/recessed medium class PVC conduit as required				
10.1.1	4x16 sq.mm.	90	RM		
10.1.2	SUPPLY AND LAYING OF CABLES				
a	185 sqmm 3 1/2 core	75	RM		
b	240 sqmm 3 1/2 core	65	RM		
с	300 sqmm 3 1/2 core	90	RM		
11	TELEPHONE WIRING FOR VOICE				
11.1	Supply and fixing of RJ11 moduler Telephone outlet in zinc chromate passivated M.S.Box and moduler plate including	100	Nos.		
	connections atc. As required.				

				ı	T
11.2	Providing, drawing, connecting and testing of telephone wire 0.5				
	sqmm tinned annealed high conductivity copper conductor with high				
	density Polyethylene insulation, paired, polyster taped and FR PVC sheathed in existing MS/PVC conduit from telephone outlet box to				
	the junction box/tag block as required.				
11.2.1	4 pair 0.51 sq. mm.	100	per		
	-		point		
11.3	Supply & fixing the following sizes of Krone telephone tag blocks housed in suitable sizes of power coated MS boxes with hinge cover				
	complete as required.				
11.3.1	40 pair telephone tag block	3	Nos.		
11.4	Supplying & laying the following sizes of PVC insulated or overall sheathed taped telephone cables of 0.61mm dia size inground				
	including excavation, refilling and making good the damage etc. as				
	required. good the same and connection etc. complete as required				
11.4.1	40 Pair telephone cable	1150	RM		
12	EAN AND LICITE EIVELIDE				
12	FAN AND LIGHT FIXTURE				
12.1	a) Providingand fixing in gypsum/armstrong ceiling, connecting	33	Nos		
	testing and commissioning of following luminaires including the				
	cost of necessary inter-connections required 2'X 2' Luminare all				
	complete.in 42 W(a) Wipro Pure LED/Phillips RC 380B LED-25- 6500 PSE OD WH/GE Mapple.) equivalent models in Havells				
	1000 100 00 with 00 mappie.) equivalent models in flavens				
12.2	Providing and fixing in gypsum ceiling, connecting testing and	110	Nos		
	commissioning of following luminaires including the cost of				
	necessary inter-connections required. Philips BBS170I x DLED-				
	5000 PSU WH, Low depth recessed technical, downlighter inclusive of gearbox.(Luminare all complete) (Wipro Maxi iris/Green				
	Led/Phillips BBS 170)/Equivalent model in Havells				
	·				
12.3	Supplying, installation, testing and commissioning of surface				
12.3	mounted luminaries with required wiring, suitable for LED lamp				
	complete of make philips LL199 1xDLED40-5000 PSE ODWH or				
	equivalent make in wipro/havells/syska.				
	PHILIPS LL199 1xDLED40-5000 PSE ODWH	25	No.		
12.4	P/F of following Main Streem Battens (Philliphs make including lamps)				
12.4.1	MIROLTA Slim (Phillips) T5 TMS540 HF. For Lamp - 1xTLS-28W	10	Nos		
12.5	P/F Philips Linea Flexible LED Strip / Tape 30W 5m 4500K (With Driver) Tech Overview	10	mtrs.		
	billet) Teeli overview				
	Length: 5m				
	Voltage: 12V				
	Wattage: 30W Colour Temperature: 4500K				
	Lumen output: 360 lm/m				
	Colour Rendering Index (CRI): 75				
	Beam Angle: 120 degrees Design				
	and finishing • Material: Synthetics				
	Colour: White				
	Technical specifications				
	Mains power: Range 220 V - 240 V ID and a ID20 protection are interest about the range of the ID20 protection are interest.				
	 IP code: IP20, protection against objects bigger than 12.5 mm, no protection against water 				
	Class of protection: II - double insulated				
12.6	Supplying, installing, testing and commissioning of wall bracket	35	Nos		
	fan of 400 mm, complete with moulded propeller type blades, and				
	accessories suitable for operation on 230 / 240 Volts, 50 Hz, single phase, A.C. supply.				
<u> </u>				 	
12.7	Providing & fixing BELL POINTS on wall /Partition with 2x1.0	8	Each	 	
	sqmm copper conductor in PVC medium gauge conduit(IS:9537)				
	with call bell switch(Push Type) including call bell Multi Tune Bell etc. complete in DGM Cabin				
-	*				
13	DATA CABLING				
13.1	Supply & fixing the following size of PVC conduit in Floor/Surface	100	no.		
	of wall, including cutting the Floor/Wall and make the good the				
	same as required (Data Cabling per lan point)				
13.2	Supply & fixing flush steel box for computer data outlet dully	100	Nos		
	recessed in wall complete with modular cover plate, computer outlet				
	RJ-45 including connections etc. required.				
13.3	Supply and drawing of cat 6 Data cable in existing conduit complete	100	no.		
13.3	as required per lan point .	100	но.		
	- •				
14	FIRE ALARM				

Supply, installation, lesting and commissioning of Analogue adhesesible antiligent, attentional adaptable to varying in the description and the descriptio	
environmental conflictions, Optical Type smoke defectors, with descentifies intelligence, with addisessing, moning base, insbuilt fault stockine complete in required. (Make: Esser (Hotopwood), Five Tables (Schmood), Five Tables (
initivalist family isolator complete as required. (Make: Esser Helonoywell). Fire Finder (Schemes). Simplex (Typos) 14-2 STIC of Fanis isolators module to electrically isolate different station command from the control panel, send data to the panel representing the state of the manual swich and the addressable communication module status. They shall use a key operated issat- renet lock, and shall be designed so that after actual emergency operation, they cannot be rectained in normal use except by the use of a key-Manual free alarm bases shall be constituted of Lexan with word RTEE shall appear on the foot of the station is mixed letters. 1.75 inches (44 mm) or larger, etc. as required. (1 no. panel with 4 zone segregation with battery) 14-4 STIC of Hooter suitable for addressable type fire alarm system with storb high with minimum 85 th auditable etc. as required. 14-5 Supplying, receiving, storing, hundling, finding, drawing wiring for fire alarm system witing using 81 manded 15 694) 1100 Volta copper communication glipsis, hooters, reports indicators, according cannot graph in the cost of conduits counterions to the detection, manual call grints, hooters, reports indicators, according is cannot graph in the cost of conduits counterions to the detection, manual call grints, hooters, reports indicators, according is cannot graph and any according is cannot graph and a control panel etc. including termination with bottle type cooper lays a required to complete the system, Oklafis fire alarm writing: TRIOLEX (RR (RRG (Polycub) Rallison / Bonton), 2 x LS ag mm writing: TRIOLEX (RR (RRG (Polycub) Rallison / Bonton), 2 x LS ag mm writing: TRIOLEX (RR (RRG (Polycub) Rallison / Bonton), 2 x LS ag mm writing: Triol counterion and commissioning of way and the mention of the propose indicators, with Mill mun firetible extended nurzality of response indicators, excepted in a required with inconstruction and commissioning of way and the control complete in a required with inconstruction and counterior of an experis	
thoneywoll, Fire Finder (Sciences), Simplex (Tyco)) 14.2 STIC of Foult isolation module to electrically isolate different sections of detector boyes. 14.3 Still, on command from the concol quest, send data to the panel experience in the state of the concol quest, send data to the panel experience in the state of the concol quest, send data to the panel experience in the state of the concol quest, send data to the panel experience in the state of the panel experience in the state of the state of a key Manual for shall no be designed to the after actual energency operation, they cannot be restored to normal use except by the us of a key Manual for shall no be designed to the state of a key Manual for shall not be designed to the state of a key Manual for shall be designed to the state of a key Manual for shall produce the state of a key Manual for shall be designed to the state of a key Manual for shall be designed to the state of the state	
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sections of detector loops. 14.33 TIC of Addressable tope manual fire alarm boxestPull Station) shall, on command from the control panel, send data to the panel representing the state of the manual switch and the addressable communication module status. They shall use a key operated tearress before and what the design of the stations in the control panel of the stations in pairs of the stations of the stations of the stations in pairs of the stations of the station	
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16.1.1 Supply, laying, testing and commissioning of 100 MM wide x 2mm 65 RM	
raceway with all requirements.	
16.1.2 Supply, laying, testing and commissioning of 150 MM wide x 2mm 55 RM	
raceway with all requirements.	
16.1.3 Supply, laying, testing and commissioning of 300 MM wide x 2mm raceway with all requirements.	
17 Finger Print Biomatrix SYSTEM -HONEYWELL.	
17.1 providing, supplying & Wiring 12 core Coaxial cable for fingerprint 3 no.	
bio matrix system provided by OIC including complete installation	
and accessories required upto complete satisfaction of the	
architect/client.	
18 SEDVED (providing fiving and commissioning)	
18 SERVER (providing fixing and commissioning)	
18.1 24 Port Cat 6, Patch Panel (make delink) for Data 2 no.	
2012 27 FOR Cat U, I aten I and (make uching) for Data 2 10.	

10	THE EXPERIMENT CARD F			1	
19	TELEVISION CABLE				
19.1	Providing, drawing, connecting and testing of Television cable ,				
	Electrolytic grade solid annealed high conductivity copper conductor, gas injected physical polyethylene foam insulated,				
	wrapped with aluminium tape and aluminium alloy wire braided,				
	jelly flooded and PVC jacketing in black colour (Compatible to DTH				
	TV signal), in existing MS/PVC conduit from television outlet box				
	to the junction box / splitter / subscriber or dwelling unit / Dish				
	antenna as required. (Make : Finolex / RR / Polycab / Skytone)				
19.1.1	RG - 6	250	rmt.		
	TOTAL OF ECTRICAL/LIGHTNING/DATA/TELEPHONE CABLING/FIRE ALARM/RACEWAY etc.				
	CABLING/FIRE ALARM/RACEWAT CC.				
III.O	HVAC WORKS				
1	OUTDOOR UNIT				
	Supply, Installation, Testing, Commissioning of Outdoor				
	condensing unit comprising of scroll type inverter multi compressor's , Heat Exchanger, propeller / axial fans, refrigerant				
	Circuit, Safety Devices & Oil Recovery System and in built starter.				
	The starter unit shall be operated both from local and remote				
	Necessary Refrigerant Gas and oil charge.Compressor shall be				
	equipped with inverter controller to be efficient & quiet. The				
	outdoor unit shall have the multi-step of capacity control to meet				
	load fluctuation and indoor unit individual control. Heat Exchanger shall be constructed with copper tubes mechanically bonded to				
	aluminium fins to form a cross fin coil. Refrigerant shuold be			1	
	R410A				
	MAKE : TOSHIBA / MITSUBISH				
1.1	36 HP	2	Nos.	+	
1.1	20 III		1408.		
2	INDOOR UNIT				
	Supply, Installation, Testing & Commissioning of following				
	capacity modulating type 4 way cassette VRV system Indoor unit				
	along with cordedless remote, necessary supports, nuts & bolts etc				
	complete.				
	4-Way Casette Type Units :				
2.1	Cassette Type: 0.8 TR	6	Nos.		
2.2	Cassette Type: 1.3 TR Cassette Type: 2.0 TR	3	Nos.		
2.4	Cassette Type : 2.0 TR Cassette Type : 3.2 TR	18	Nos.		
		10	11001		
2.5	Cordless Remotes	29	Nos.		
3	CENTRAL REMOTE CONTROLLER:	1	N 7		
3.1	Central Remote Control	1	Nos.		
4	Y' JOINTS				
4.1	Supply, Installation, Testing & Commissioning of Y-joints.	27	Nos.		
5	COPPER PIPE				
	Supply, installation, testing & commissioning refrigerant liquid line				
	and suction line (duly insulated)piping with nitrile foam insulation				
	of 13mm up to 25mm & 19mm for above size.				
E 1	06.25		ъ.	1	
5.1	06.35 mm 09.52 mm	15 90	Rmt. Rmt.	 	
5.3	12.70 mm	12	Rmt.	<u> </u>	
5.4	15.88 mm	40	Rmt.		
5.5	19.05 mm	100	Rmt.		
5.6	22.22 mm	80	Rmt.		
5.7	28.58 mm	42	Rmt.	1	
5.8	34.92 mm 41.30 mm	5 30	Rmt. Rmt.	 	
3.9	1150 Mill	30	KIIII.	<u> </u>	
6	TRANSMISSION CABLE				
	Supply, installation, testing & commissioning of transmission				
	cabling between indoor & outdoor in PVC Conduit				
				ļ	
6.1	2 C * 1.5 sq.mm Cable	275	Rmt.	1	
7	POWER CABLE			 	
	Supply of Electrical Power cable between the indoor unit and power				
	socket with unshielded copper cable, with 1 no. plug top for each				
	IDU.				
7.1	3 Core, 2.5 sqmm Cable	30	Rmt.		
7.2	4 Core, 16 sq mm cable	50	Rmt.	1	
8	DRAIN PIPING Supply, installation, testing & Commissioning of following sizes			 	
	insulated PVC drain pipes.				
8.1	25mm	R.O	Rmt.		
8.2	32mm	80	Rmt.		
8.3	40mm	30	Rmt.		
				-	
9	I IETING & CHIETING			-	
	LIFTING & SHIFTING Lifting, shifting of units to terrace & locations		lot	 	
9.1	Litting, shifting of units to ferrace & locations	1			

10	CABLE TRAY					
	Supply & Installation of Covered M.S. Slotted Tray for expose					
	copper piping					
	300mm W x 50mm H X 2mm (With Cover)	190	Rmt			
11	ISOLATOR SWITCH FOR VRV OUTDOOR UNIT					
	Supply, Installation, Testing & Commissioning of isolator switch	4	Nos.			
	for Outdoor Unit with sheet metal enclosure, rain protection etc.					
	as required to suit the site condition.					
	TOTAL OF HVAC WORKS					
	TOTAL ABSTRACT					
S.No.	Item Discription				Amount (in Rs.)	
1	INTERIOR WORKS					
_	I (I LATOR) ORING					
2	EL CODING WORK					
	FLOORING WORK					
3	MISCELLANEOUS WORKS					
4	CIVIL WORKS					
5	COMPACTORS WORKS					
3	COMPACIONS WORKS					
6	FURNITURE WORKS					
7	ELECTRICAL/DATA/TELEPHONE CABLING/FIRE ALARM					
8	HVAC WORKS					
- 0	II AC WORKS					
	TOTAL PROJECT COST					
	Less Discount (if any)					
	Total Amount after discount (if any)					
	Total Amount after discount (II ally)					