

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
I	INTERIOR FURNISHING WORKS				
1	DOORS				
1.1	GLASS DOORS				
	Providing ,supplying, and fixing in position of Glass door of in 12 mm thk clear float glass ,TOUGHENED edges with crystal/pencil polished around, frame less fixed with patch fittings as per the design and drawing provided with SS brush finished handles 600 mm long and 20 mm dia of approved shape and design fixed over the heavy duty floor spring, pivote bottom lock etc as required for site, making complete as per the design.The glass shall be provided with etched designer film of branded company to suit the interior decor as per the selection which shall be paid sepreately.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.	SQMT	15	0	0
1.2	PARTLY GLAZED DOORS IN LAMINATE				
	Providing ,supplying, and fixing partly glazed door of 35mm thk solid core flush door with beach wood frame of 75mm x 37.5mm, finished with 1.0 mm thk laminate on both sides with lipping around the door of 35mm x19 mm in BEACH wood, and 6 mm thk float glass inside the door fixed with beach wood beading from a ht of 300mm to 1500mm form bottom as per the design and drawing ,with hinges,tower bolts, door stoppers,mortice lock,handles of s.s and door closers of s.s mat finished making complete as per the design.The glass shall be provided with etched designer film of branded company to suit the interior decor as per the selectionThe rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.	SQMT	32	0	0
2	PARTITIONS				
	FULL HEIGHTSOLID PARTITIONS IN LAMINATE				
	Providing & fixing of FULL Height solid partition in metal studs with,Supporting system comprising of 51mm X 35mm X 0.55mm thk metal studs at 600 mm c/c and 51mm X 32mm X 0.55mm thk metal tracks at floor,middle and at slab/beam bottom level with joints staggered and fixed at the slab/beam bottom,shall include all the necessary for strengthening with studs/tracks or channels at openings and 12 mm thk BWP Ply with 1mm thk laminate with nail grooves on both sides,and provide 75 x15 mm Beech wood beading on exposed edges with melamine on both sides as per design & drawing.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.	SQMT	105	0	0
3	TABLES				
3.1	EXECUTIVE TABLE				
	Providing, making and placing in position of EXECUTIVE TABLE and Side Table top only with verticals of approximate size 2100mm x 900mm x 750mm + 1200 mm x 450 mm x 750 mm with following specifications.	NOS	1	0	0
	Table Top and side unit top in shape to be made in 37.5 mm BWP PLY 2 nos 19 mm Camouflaged finished with 6mm thk Acrylic solid as per the directions. Edges of the table tops shall be finished with 6mm thk Acrylic solid as per the directions.				
	Front Modesty Panel of the table shall be in shape and design with 37.5 mm thk BWP PLY 2 nos 19 mm camouflaged ,with 4 mm thk veneer finished with Melamine polish finish on all the exposed surfaces and with 0.8 mm thk laminate on all the internal surfaces as per the design.The Modesty panel shall also be provided with 50 mm bands in BWP PLY finished with 4mm thk veneer with Melamine polish & designer lamiante of 1.5mm thk as per the design and Drawing.				
	The sides (Verticals) shall be made with 37.5 mm thk BWP PLY 2 nos 19 mm camouflaged ,finished with 4 mm thk veneer on all the exposed surfaces with Melamine polish and with 0.8 mm thk laminate on all the internal surfaces as per the design,The side verticals shall also be provided with 50 mm bands in BWP PLY finished with 4mm thk veneer and Melamine polish as per the design and Drawing.				

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	All the exposed edges of the Table shall be lipped with 4 mm thk veneer and finished with Melamine polish as per the directions and Drawing				
	The Table and side table ,shall be provided with Drawer unit Comprising of 3 nos of sliding drawers in 19 mm thk BWP PLY for all the verticals and horizontals with 4mm thk veneer finshed with Melamine polish on all the exposed sufaces and 0.8 mm laminate on all the internal surfaces with sleek Telescopic channels, Handles ,one set locks and Necessary Hardware,ss cabel manager, required as per the Drawing				
	The table shall be provided with one CPU TROLLEY with castors, One Key board Tray with telescopic channels, and Erogenimic designed Foot rest in metal as per direction and the drawing				
	Basic Rate of the Veneer is RS: 2200.00 - 2500.00 Per Sqmt.				
	Anti termite solution to be sprayed before using the BWP PLY in the work and making complete as per the design and drawing.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.				
3.2	MINI CONFERENCE TABLE				
	Providing, making and placing in position of CONFERENCE TABLE with verticals of approximate size 3600mm x 1050 - 1200mm x 750mm with following specifications.	RMT	3.6	0	0
	Table Top in shape to be made in 37.5 mm BWP PLY 2 nos 19 mm Camouflaged finished with 6mm thk Acrylic solid as per the directions. Edges of the table top shall be finished with 6mm thk Acrylic solid as per the directions.				
	Front Modesty Panel of the table shall be in shape and design with 37.5 mm thk BWP PLY 2 nos 19 mm camouflaged ,with 4 mm thk veneer finished with Melamine polish finish on all the exposed surfaces and with 0.8 mm thk laminate on all the internal surfaces as per the design.The Modesty panel shall also be provided with 50 mm bands in BWP PLY finished with 4mm thk veneer with Melamine polish & designer lamiante of 1.5mm thk as per the design and Drawing.				
	The sides (Verticals) At 12mm C/C shall be made with 37.5 mm thk BWP PLY 2 nos 19 mm camouflaged ,finished with 4 mm thk veneer on all the exposed surfaces with Melamine polish and with 0.8 mm thk laminate on all the internal surfaces as per the design.The side verticals shall also be provided with 50 mm bands in BWP PLY finished with 4mm thk veneer and Melamine polish as per the design and Drawing.				
	All the exposed edges of the Table shall be lipped with 4 mm thk veneer and finished with Melamine polish as per the directions and Drawing				
	The Table and side table ,shall be provided with Drawer unit Comprising of 3 nos of sliding drawers in 19 mm thk BWP PLY for all the verticals and horizontals with 4mm thk veneer finshed with Melamine polish on all the exposed sufaces and 0.8 mm laminate on all the internal surfaces with sleek Telescopic channels, Handles ,one set locks and Necessary Hardware,ss cabel manager, required as per the Drawing				
	Basic Rate of the Veneer is RS: 2200.00 - 2500.00 Per Sqmt.				
	Anti termite solution to be sprayed before using the BWP PLY in the work and making complete as per the design and drawing.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.				

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4	STORAGES FOR EXECUTIVE CABIN	SQMTS	3.00	0	0
	Providing and Fixing of Low Height Storage cabinet of size upto 3000 mm X 450 mm Depth and 750 mm ht with following specifications				
	The storageTop shall be made with 19 mm thk BWP PLY finished with 6mm thk Acrylic solid as per the directions. Edges of the table top shall be finished with 6mm thk Acrylic solid as per the directions.				
	The sides and vertical dividers shall be made with 19 mm thk BWP PLY with 4mm thk Veneer with Melamine polish on all exposed surfaces and 0.8 mm thk laminate on all the internal surfaces as per the directions.				
	The back of the storage (carcass) shall be in 12mm thk BWP PLY finished with 0.8 mm thk laminate on the exposed and internal surfaces as per the directions and Drawing.				
	All the exposed edges of the Table shall be lipped with 18 mm thk Beach wood and finished with Melamine polish as per the directions and Drawing				
	The Storage unit shall be provided with openable shutters of 19 mm thk BWP PLY with 4mm thk Veneer with Melamine polish on all exposed surfaces and 0.8 mm thk laminate on all the internal surfaces as per the directions. ,with Handles ,one set locks and Necessary Hardware required as per the directions and Drawing				
	Anti termite solution to be sprayed before using the BWP PLY in the work and making complete as per the design and drawing.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item. Basic Rate of the Veneer is RS: 2200 - 2500.00 Per Sqmt.As directed by Architect/Institution.				
5	PANELLING				
5.1	COLUMN PANELLING IN VENEER				
	Supporting system comprising of 25mm x 25 mm x 1.2 mm aluminium sections at 600 mm c/c as per the directions and Drawings. 12 mm BWP Ply finished with 4mm Thk veneer with Melamine polish with on all exposed sides as per the directions and Drawing. The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item. Basic Rate of the Veneer is RS: 2200 - 2500.00 Per Sqmt.As directed by Architect/Institution.	SQMTS	120	0	0
5.2	FLUTED PANELLING FOR WALL / COLUMN	SQMTS	120	0	0
	Fixing of 12 mm BWP Ply on wall / columns finished with 20 to 25mm Thk Fluted panels on all the exposed sides as per the directions and Drawing. The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.				
5.3	WALL PANELLING IN LAMINATE				
	Providing and Fixing of Wall Panelling with following specificationsSupporting system comprising of 25mm x 25 mm x 1.2 mm aluminium sections at 600 mm c/c both ways,with12 mm BWP Ply with 1mm thk laminate on all the exposed surfaces as per the directions and Drawings. The rate should include all the necessary for strengthening with studs/tracks or channels at openings as per the drawings.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.	SQMTS	280	0	0
6	FALSE CEILING				
6.1	MINERAL FIBRE CEILING TILES				
	Providing and fixing in the true horizontal level false ceiling system of mineral Fibre Ceiling tiles .The suspension system shall be the Trulock Silhouette revealed profile grid system with 15mm wide flanges incorporating a 3mm or 6mm central recess color black or white revealed Silhouette main runners and cross tees to have mitred ends with birds mouth notches to provide mitred cruciform junctions. Main runners to be spaced at 12mm c/c fixed by using 2mm pre straightened GI Wire.Main tee,rotary stitched of size 15mm x44mmx3600mm at every 1200mm c/c maximum and 1200mm cross tee of size 15mmx44mm x1200mm at every 600 mm c/c maximum and 600mm c/c cross tee of size 15mmx44mmx600mm at every 1200mm c/c	SQMTS	170	0	0

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	maximum and 19mmx19mmx3000 wall angle allround the wall to form grid size of 600mmx600mm and suspending the grid using 2mm prestraigthened GI Wire and 6mm nylon raw plug at every 1200mm intervals at the main tee and laying of dunne premier micro look mineral fiber tiles manufactured by Armstrong world industries of size 600mmx600mmx15mm over the formed grid complete as directed.As directed by Architect/Institution.				
	Note: the work includes cost and conveyance of materials and labour charges includings .All Operational charges tools lifts and all heights etc surfaces of the false ceiling should be with drop ceiling.Manufactures specifications to be strictly followed. No extra shall be payable for making cutouts and providing frame for cutouts of for making staggered ceiling.making complete as per the design.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.				
6.2	GYPSUM BOARD CEILING WITH DROPS				
	Providing, supplying, and fixing in position of Gypsum Board False Celcing as per manufacturers specification and instructions with 12.5 mm thk board.Gypboard Screw- fixed to the underside of suspended G.I grid.G.I grid should be constructed and suspended from the main ceiling as per the manfacutures instructions and as per the specifications using original Co. Specified framework sections G.I24 Guage the Gypboard should be fixed to G.I Grid with 25mm long Drawali Screws.the Gypboard to be used should be 12.5mm thk tapered edge boards.the boards should be taped and filled from underside to give smooth,seamless ceiling. The rates should include necessary additional ceiling sections and intermediate channels openings for light fixtures,vertical drops offsets etc. Additional Intermdaite Channels should be fixed to strap hangers for additional support to prevent strap hangers from buckling swaying at every 1200mm. Item to be completed in all respects including necessary sleeves for ducts finishings of joints cutouts supports for light fixtures A.C grills speakers etc. making complete as per the design.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, lead and lift charges for all floors etc necessary for the complete execution of the item. As directed by Architect/Institution.	SQMTS	500	0	0

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	Note: (No separte measurements will be considered for the vertical surfaces and cove lighting areas only floor area will be considered for the measurements). The cost including 1 coat of wall care putty and one coat of primer and two coats of plastic emulsion paint of approved colour to suit the interiors of the room.				
6.3	FLUTED CEILING	SQM	280	0	0
	Providing and Fixing of wooden rafters in ceiling of size 50mm X 100mm with MDF Board Exterior Grade with 4mm thk Veneer with Melamine Polish on all the exposed surfaces as per the directions and Drawings.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, lead and lift charges for all floors etc necessary for the complete execution of the item.As directed by Architect/Institution.				
6.4	VENEER CEILING IN LIFT LOBBY	SQM	15	0	0
	Providing and Fixing of Veener Ceiling with following specifications				
	Supporting frame system 36 mm thk BWP Ply(2 nos 18mm thk) at 600 mm c/c bothways vertical drops at slab with joints staggered fixed to slab as per the directions and Drawings				
	Shall be provided with 18 mm thk BWP Ply Board front backing on BWP Ply frame .The ply to be finished with 4 mm thk veneer with melamine polish etc. as per directions and Drawing. Basic rate of Veneer Rs:2200 - 2500 / SQMT.				
	The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, lead and lift charges for all floors etc necessary for the complete execution of the item.As directed by Architect/Institution.				
7	PAINTING				
7.1	INTERIOR WALL PAINTING				
	Providing, supplying, and applying of putty finish to the walls of three coats and finished with one coat primer and three coats of Royal Emulsion paint to the walls of approved and shade to suit the interiors of the corporate office. The rate shall include scrapping and preparing of the surface etc making complete fo applying of paint complete as per the desing.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.	SQMTS	125	0	0

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7.2	TEXTURE PAINT				
	Applying painting of two or more coats of plastic/ acryliclight textured emulsion paint of approved shade& manufactured by spectrum or equivalent conforming to ISI to walls after scraping the original surface rubbing with sand paper of zero sizefor smooth, surface ,two coats putty & two coats of emulsion paint of approves colour. Coats have to be made successively after drying each coat and finishing with sponge roller(matt finish) over a coat of approved primer with necessary scaffolding etc.	SQMTS	500	0	0
	The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution.				
8	OTHER WORKS				
8.1	ROLLER BLINDS:				
	Providing supplying and fixing of transperent Roller blinds of approved make,shade and texture of branded make using good quality of roller mechanism as per the direction.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item.As directed by Architect/Institution. Basic Rate:Rs1150 per SQM.	SQMTS	30	0	0
8.2	DESIGNER FILM WORK				
	Providing supplying and fixing of Designer film with elipse design on all glass as per drawing and heights mentioned. The rate is for a finished item of work etc transperent.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, necessary for the complete execution of the item. As directed by Architect/Institution.Basic Rate:Rs1300 per SQM.	SQMTS	70	0	0
9	FLANK TILE FLOORING	SQMTS	120	0	0
	Providing and laying Interior grade Plank tiles of size 200 MM (wide) X 1000 MM (length) (11.5 thickness) of approved make & shade, laid on 75mm to 125mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including Skirting if any required during laying and finishing complete.The work shall be carried out as per the directions of the Architect.The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect. Including using "+" shaped 3 mm wide plastic spacers at corners (to be removed before jointing) during fixing of Vitrified tile in floor to achieve a perfectly straight joint line, Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desiredshade (0.10 kg of hardener and 0.20 kg of resin per kg), includingfilling / grouting and finishing complete.The work shall be carried out as per the directions of the Architect/IDRBT.The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, lead and lift charges for all floors etc necessary for the complete execution of the item. (Basic rate of Tiles not less than Rs 1100.00 per Sqmtr)				

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10	DEEP CLEANING	LS	1	0	0
	Cleaning of the Site after completion of all the works as per the directions. The rate shall be inclusive of all the necessary material, required hardware, labour, necessary for the complete execution of the item.As directed by Architect/Institution.				
11	POST -ANTI TERMITE PROTECTION	SQMTS	720	0	0
	Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical fixture,electrical lines including drilling holes inplaces where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout. (Rate is per sq.m. of the floor area while actual work will be all walls ceiling, rack, partition and furniture). The rate shall be inclusive of all the necessary material,required hardware, labour, transportation, lead and lift charges for all floors etc necessary for the complete execution of the item. As directed by Architect/Institution.				
II	ELECTRICAL WORKS				
1	LT PANEL				
1.1	Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated after seven tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, two earthing legs, cable chamber etc. as required, housing below-mentioned switchgears / meters. (GA drawing of the panel got to be approved by Architect / IDRBT)				
	(MCCB - L&T/MDS, MCB-MDS/Hager)				
a	1No.,160 A,FP, Changeover Switch +				
b	1 no.160A,TP,MCCB 25 KA as incomer				
c	1 nos. 125A, TPN, MCCB outgoing				
d	3 nos. 100A, TPN, MCCB outgoing				
e	2 nos. 63A, TPN, MCCB outgoing				
f	1 no., 0-500 A, Ammeter with CT and selector switch with digital meter				
g	1no., 0-500V, Voltmeter with selector switch and fuse with digital meter				
h	2 Set, TPN, Copper busbars with PVC insulated suitable for 250 Amp load				
i	2Set, RYB, indicating lamps with resistors and fuses				
	Full Set as above	SET	1	0	0

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1.2	AC DBs				
1.2.1	Supply and installation of VTPN DB, wall mounted front operated totally enclosed vermin proof, as per manufacturers specifications , incorporating horizontal and vertical sleeved aluminium busbars, complete with all internal wiring, danger board, two earthing legs, cable chamber etcshrouded bus bar natural bus bar corner safe door earthing etc. as required, housing below-mentioned switchgears / meters. (DB got to be approved by Architect / IDRBT)				
	(MCCB - L&T/MDS, MCB-MDS/Hager)				
a	8 way Three Phase VTPN DB(with Double door) i) Incomer: 125A 4P 16KA MCCB ii) Outgoing: 63A TP MCB 2Nos iii) Outgoing: 6 - 32A SP MCB 18Nos				
	Full Set as above	SET	1	0	0
1.3	PDBs				
1.3.1	Supply and installation of VTPN DB, wall mounted front operated totally enclosed vermin proof, as per manufacturers specifications , incorporating horizontal and vertical sleeved aluminium busbars, complete with all internal wiring, danger board, two earthing legs, cable chamber etcshrouded bus bar natural bus bar corner safe door earthing etc. as required, housing below-mentioned switchgears / meters. (DB got to be approved by Architect / IDRBT)				
	(MCCB - L&T/MDS, MCB-MDS/Hager)				
a	8 way Three Phase VTPN DB(with Double door) i) Incomer: 100A 4P 16KA MCCB ii) Outgoing: 63A TP MCB 8Nos				
	Full Set as above	SET	1	0	0
1.3.2	Suply and installation of 8 way, TPN MCB type lighting distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (LDB)				
a	1 no.,63A, TPN, ELCB (100mA) incomer				
b	24 nos, 6-16A, SP, MCB outgoing				
	Full Set as above	SET	2	0	0
1.3.3	Suply and installation of 6 way, TPN MCB type POWER distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (PDB) .				
a	1 no.,63A, TPN, ELCB (100mA) incomer				
b	18 nos, 6-16A, SP, MCB outgoing				
	Full Set as above	SET	3	0	0
1.4	UPSBS				
1.4.1	Supply and installation of VTPN DB, wall mounted front operated totally enclosed vermin proof, as per manufacturers specifications , incorporating horizontal and vertical sleeved aluminium busbars, complete with all internal wiring, danger board, two earthing legs, cable chamber etcshrouded bus bar natural bus bar corner safe door earthing etc. as required, housing below-mentioned switchgears / meters. (DB got to be approved by Architect / IDRBT)				
	(MCCB - L&T/MDS, MCB-MDS/Hager)				
a	4 way Three Phase VTPN DB(with Double door) i) Incomer: 100A 4P 16KA MCCB ii) Outgoing: 63A TP MCB 4Nos				
	Full Set as above	SET	1	0	0
1.4.2	Suply and installation of 6 way, TPN MCB type UPS distribution Board flush mounted on wall, sheet metal fabricated, powder coated , having dust - proof and vermin proof, gasketed and hinged door with all internals such as DIN rails, neutral - link, interconnected wiring, complete with earthing lugs housing following switchgears (PDB) .				
a	1 no.,63A, TPN, ELCB (100mA) incomer				
b	18 nos, 6-16A, SP, MCB outgoing				

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	Full Set as above	SET	3	0	0
1.5	Supply & Installation of 6 WAY SPN, DB similar to above but for Emergency lighting as per the layout .				
a	1 no, 40/63A, DP, MCB incomer				
b	4 Nos. 6/10 AMPS, SP, MCB, outgoing				
	Full Set as above	SET	2	0	0

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2	CABELS / MAINS WIRING				
2.1	Supply & Installation of 1100V grade armoured cable having sector / circular shaped aluminium / copper FRLS conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, 2 Runs of 12 swg GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall / ceiling using GI clamps & spacers as per route shown at site and scope also includes termination of the cable as required with suitable glands and lugs further as directed by Architect/IDRBT in following sizes.				
a	3.5C X 70 Sq.mm Aluminium Armoured cable for from main panel VTPN INCOMING	mtr	100	0	0
b	3.5C X 35 Sq.mm Aluminium Armoured cable for from AC VTPN INCOMING	mtr	10	0	0
c	3.5C X 25 Sq.mm Aluminium Armoured cable for from PDB & UPS VTPN INCOMING	mtr	75	0	0

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d	4C X 10 Sq.mm Copper Armoured cable for POWER DB'S, LDB'S & UPS DB'S INCOMING	mtr	250	0	0
e	4C X 10 Sq.mm Copper Armoured cable for VRV ODU'S	mtr	100	0	0
f	3C X 2.5 Sq.mm Copper Armoured cable for IDU'S	mtr	375	0	0
g	4C X 4 Sq.mm Copper Armoured cable for Emergency DB's	mtr	20	0	0
2.2	Supply & Installation of end termination of above mentioned cables including compressed type brass glands, crimping type copper lugs, insulation tape etc. as required complete with earthing of glands in following sizes.				
a	3.5 C X 70 Sq.mm Aluminium Armoured cable for from main panel to Floor Panel INCOMING	Sets	2	0	0
b	3.5C X 35 Sq.mm Aluminium Armoured cable for from AC VTPN INCOMING	Sets	2	0	0
c	3.5C X 25 Sq.mm Aluminium Armoured cable for from PDB & UPS VTPN INCOMING	Sets	4	0	0
d	4C X 10 Sq.mm Copper Armoured cable for POWER DB'S, LDB'S, UPS DB'S INCOMING and AC ODU'S	Sets	20	0	0
e	3C X 2.5 Sq.mm Copper Armoured cable for IDU'S	Sets	30	0	0
f	4C X 4 Sq.mm Copper Armoured cable for Emergency DB's	Sets	4	0	0
3	POINT WIRING				
	Point wiring with 3R of 1.5sqmm FRLS 650V grade multistranded PVC insulated copper wire in 2mm thick 25mm dia PVC pipe for lights, fans including supply & fixing of 5 amp modular switch in concealed MS switch box, front plate, 3 plate ceiling rose, and concealed circuit wiring with 3 Nos (P,N,E) 2.5sqmm (DB's to switchboards & switch board to switch boards loopings). and all interconnections as required..Each circuit feeding not more than 8 points 800 watts as per following configuration. In combination of 4,6,8,10&12 Modules.As directed by Architect/IDRBT				
a	Single light point controlled by a 6A Modular switch	Pts	83	0	0
b	Two light point controlled by a 6A Modular switch	Pts	25	0	0
c	Three light point controlled by a 6A Modular switch	Pts	25	0	0
d	Secondary 5A Plug point on switch board	Pts	30	0	0
e	do as above but bell point with bell buzzer	Pts	2	0	0
f	Exhaust fan point consisting of 5A socket near fan and switch on light switch board.	Pts	6	0	0
4	RAW POWER SOCKETS :				
4.1	RAW Socket -				
a	Supply and fixing of 1nos. 3PIN 6A sockets fixed Below the table with 1 no 6A switch fixed above the table on 3 module metal box and white front plate (Modular type)with 2 runs of 2.5 sq.mm FRLS and 1 run of 1.5sqmm FRLS 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in 25mm dia PVC conduit of 2mm thick concealed in wall/floor and supply of all fixing materials and accessories,interconnections complete as required for the raw power primary sockets (DB to work stations Primary point).As directed by Architect/IDRBT	Pts	50	0	0
b	same as above but looped from nearest Raw Power point (Primary point to Secondary point)	Pts	30	0	0

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
c	Supply and fixing of 2nos. 6A sockets fixed Below the table with 1 no 16A switch fixed above the table on 5 module metal box and white front plate (Modular type)with 2runs of 2.5 sq.mm FRLS and 1 run of 1.5sqmm FRLS 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in 25mm dia PVC conduit of 2mm thick concealed in wall/floor and supply of all fixing materials and accessories,interconnections complete as required for the raw power primary sockets (DB to work stations Primary point)	Pts	5	0	0
d	Supply and fixing of 1nos. 6/16A sockets with 1 no16A switch fixed on a suitable module metal box and white front plate (Modular type) wiring with 2runs of 4.0 sq.mm FRLS and 1 run of 2.5sqmm FRLS 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 2mm thick concealed in wall/floor and supply of all fixing materials and accessories,interconnections complete as required for the raw power primary sockets (DB to Primary point)	no	5	0	0
5	UPS POWER SOCKETS :				
a	Supply and fixing of 3nos. 6A sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required (switch shall be fixed above the table with suitable modular front plate /box and sockets shall be fixed below the tables) with 3runs of 2.5 sq.mm FRLS grade 1100 V PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 2mm thick concealed in the above ducts in the floor and supply of all fixing materials and accessories,interconnections complete as required for the UPS power sockets. (DB to work stations Primary point).As directed by Architect/IDRBT	no	50	0	0
b	same as above but looped from nearest UPS Power point (Primary point to Secondary point)	no	30	0	0
6	LIGHTING FIXTURES				
6.1	Supply & Installation of lighting fixtures as per the details given below including necessary hardware such as , clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by Architect / IDRBT.				
a	Recess mounted LED Luminaire (36 x 1W) 2'x2' with frames wherever reuired	Nos.	36	0	0
b	Recess mounted LED Down lighter (18 x 1W), 6"X6"	Nos.	172	0	0
c	250mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/ Crompton / Approved equivalent)	Nos.	6	0	0
d	cove lighting patti tubes warm lights of 4'-0" length	Nos.	30	0	0
e	Supply & fixing of 5W COB fixed in the ceiling/ false ceiling as required.	Nos.	20	0	0
g	PROFILE LIGHTING (18mm Wide) - 25W strip light in a suitable profile as per the drawing and directions. The rate shall be inclusive of Cutting the Ceiling / wall and placing the light as per the directions.	Rmt	100	0	0

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
8	TELEPHONE				
a	Supply and installation of KRONE connector box 50-pair box	Nos.	2	0	0
b	Supply and laying 2 pairs of 0.51mm dia copper conducted PVC insulated telephone wire in 25mm dia heavy duty PVC conduits with acc.including supply and fixing of RJ-11 TELEPHONE OUTLETS of modular type with GI box plate etc.	Nos.	40	0	0
c	Supply and laying 50 pairs Telephone cable in suitable PVC conduits as per the directions.	RMT	75	0	0
9	LAN WORKS				
9.1	Supply and fixing the following sizes of PVC medium grade ISI marked conduits (IS : 9537 Part-III) complete with accessories such as bends, junction boxes, pull boxes etc., in recess or on surface including cutting chases in the walls/floors and making good the same complete as required.				
a	25 mm dia 2mm wall thickness	MTS	300	0	0
b	Providing and laying Cat 6 cable for data in existing conduits data (Make: MDS) and providing & terminating with RJ-45 (Krone / DELL make) with face plates in suitable modular / MS box from server / enclosure room to individual work stations.				
c	RJ-45 for data points	Each	95	0	0
d	Mounting Cord 7 ft Make D- LINK	Each	95	0	0
e	Mounting Cord 3 ft Make D- LINK	Each	95	0	0
f	Switch 10/100 mpbs 24 port	Each	5	0	0
g	jack panel 24 port	Each	5	0	0
j	rack 9u	Each	2	0	0
10	PA & MUSIC SYSTEM				
a	Supply & Installation of point wiring for music - cum PA system comprising of 2x 1.0 sqmm stranded, copper conductor, flexible PVC insulated and PVC Sheathed wire pulled through 20 mm dia PVC heavy gauge conduits and looped from one speaker to other and to the volume control and control switch wherever applicable and finally terminated at Tag Block.As directed by Architect/IDRBT	Pts.	16	0	0
b	Supply & Installation of Philips / Bosch/Ahuja make music 6W (101.6mm Diameter) speaker flush mounted on the false ceiling with proper clamping arrangement	Nos.	16	0	0
c	Supply & Installation of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches .The size and plate of the regulating knob should match with other switches nearby (MK make)	Nos.	5	0	0
d	Supply & Installation of 100 Watts (nearest standard available rating) BOSCH/Ahuja make Central Music System Amplifier and MP3/CD/USB Player with FM facility of make Samsung/Onida/LG	SET	1	0	0
11	Supply and fixing of following size GI perforated cable tray made out of 2mm thick galvanized sheet and the tray covered with 2mm thick cover including GI / MS supports for fixing the tray, anchor fasteners etc., complete as required. (Data & Voice Cables)				
a	300mm wide	Mtr	100	0	0
b	150mm wide	Mtr	100	0	0
12	FIRE ALARM WORKS				
a	Supply, Installation, Testing and Commissioning of Microprocessor based 2 loops, Networkable analogue addressable Fire Alarm Control Panel (FACP). The Panel shall have minimum 640 character LCD/LED display or touchscreen. Each loop shall have a capacity of minimum 250 analog addressable detectors/devices. It shall have multi access levels, flash EPROM, 240 volts AC power supply, automatic battery charger, 24 volts sealed lead acid batteries sufficient for 60 hours normal working and then be capable of operating the system for 30 Minutes during an emergency conditions as required. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect./IDRBT	nos	1	0	0

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
b	Supply and installation, testing and commissioning of photo electric analog addressable optical multisensor (smoke + heat) detectors Each suitable for detecting a wide range of smoke from slow smoldering and fast flaming fire. The detectors shall have following features and also including supply of all fixing materials complete as required for Below false ceiling.Twin alarm LED's for 360 degree viewing and shall have blinking LED facility. Photo electric sensor shall have a removable chamber for ease of cleaning or replacement. Automatic compensation for smoke sensor contamination.				
i	Below False Ceiling	nos	20	0	0
ii	Above False Ceiling	nos	20	0	0
c	Supply, Installation, Testing and commissioning of heat detector with all accessories and materials and Solid state addressing arrangement in combination with a hand held programmer to configure the sensor address.	nos	2	0	0
d	Supply, Installation, Testing and commissioning of addressable Hooter cum strobe with loop sounder with all accessories and materials	nos	2	0	0
e	Supply, Installation,Testing and commissioning of intelligent type Manual call point suitable to intelligent addressable fire alarm panel. with all accessories and materials	nos	3	0	0
f	Supply, Installation, Testing and commissioning of response indicator for above false ceiling detectors with all accessories and materials and visual type response indicators with LED indicating lamp, housed in suitable MS enclosure with acrylic cover fixed in flush with wall to operate in conjunction with smoke / heat detectors operating on 24VDC installed above the false ceiling or below the false floor, complete with all accessories and fixing materials(including flexible conduit) as required and as directed by Engineer in charge.As directed by Architech/Institution.	nos	20	0	0
g	Supply,laying,testing and commissioning of 2C x 1.5 sq.mm cable of 1.1 KV Grade XLPE , insulated, sheathed steel armoured with Copper Conductor Power Cables (YWY) should conform to IS 1554 (Part I). The rates quoted for laying shall include laying of cables on surface with saddles,screws etc. including material and labour charges etc complete as per site requirement.	rmt	125	0	0

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
12	WEATHER PROOF ENCLOSURES WITH SUITABLE MCCB'S FOR VRF/VRV O/D UNITS				
	Supply and fixing of factory made following ratings MCCBs with powder coated Enclosures along with suitable supports, interconnections including all fixing accessories complete as required.				
a	63A TPN MCCB With Enclosure	Nos	2	0	0
11	RACEWAYS				
a	Supply & Installation of floor - raceways consisting of 1 Run of 100x40x 2 mm thick rectangular aluminium box sections including chasing and refilling as per the route considering the thickness of Cement mortar given in flooring item, shown in the drawing and as approved by Architect at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	rmt	50	0	0
b	Supply & Installation of floor - raceways consisting of 1 Run of 100x30x 2 mm thick rectangular aluminium box sections including chasing and refilling as per the route considering the thickness of Cement mortar given in flooring item, shown in the drawing and as approved by Architect at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	rmt	50	0	0
c	Supply & Installation of galvanised floor junction boxes with SS brushed finish 14 SWG (2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 150mm x 150mm x 50 mm depth, fabricated out of 2 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	Nos	15	0	0
d	Supply & Installation of galvanised floor junction boxes with SS brushed finish 14 SWG (2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 100mm x 100mm x 50 mm depth, fabricated out of 2 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	Nos	15	0	0
e	Cutting of the floor and closing with SS Plate as required.	rmt	50	0	0
III	VRF AC WORKS				
A	PART - A - HIGH SIDE				
1	Condensing Unit (Outdoor Unit):				
	The condensing unit shall be capable of assessing the requirement of liquid refrigerant flow of each evaporating unit at all times by means of a micro computer control expansion valve and generating the required total flow of refrigerant liquid for supply to the evaporator units. The condensing unit shall be modular type, designed as per Indian atmospheric conditions and should be capable to perform for outside ambient 50 Deg. C. Outdoor Units should be modular in type and should be equipped with DIP IPM type Inverter Scroll Compressor, Inverter with variable speed compressors capable of changing the capacity in accordance to the cooling load requirement with highest COP/PEER. Provision of setting External Static Pressure up to 60Pa by on site. Unit COP/EER should be high and designed for cooling operation for highest ambient Temperature as per Indian atmospheric conditions.				
	Set of Outdoor Unit should be able to connect up to 64 Indoor Units. Outdoor unit should consists of DC variable speed motor for condenser fan with minimum 25 steps speed control to reduce input power, auto check function for connection error, auto address setting. Unit should be equipped with a double stage highly efficient oil separation management system to ensure minimum oil entrainment and proper lubrication with high reliability and stable operation with long refrigerant piping. The noise level of the base unit shall be less than 60dB (A) when measured horizontally 1 m away from cover surface and 1.5 m above floor level during night shift. Unit should assess demand function automatically and perform with the help of Central Station. Units having Noise reduction mode will be preferred but must be having back up operation function for emergency to avoid complete stop. Outdoor unit should have feature of Rotation Operation function of Compressor to distribute load.				

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
	The condenser coil should be with internally grooved Cu tubes, mechanically bonded to super slit aluminum fins. The surface of the condenser coil shall be coated with suitable chemical coating to prevent deterioration due to climate. Outdoor unit must have automatic judgement function to check whether or not the refrigerant amount is sufficient in one refrigerant cycle. Reliable Transmission system should be used between outdoor and indoor units. All necessary safety devices shall be provided to ensure safe operation of the system.				
1.1	22 HP Outdoor Unit	Nos	1	0	0
1.2	24 HP Outdoor Unit	Nos	1	0	0

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
2	Supply of CASSETTE UNITS type indoor units comprising with pre-filter, fan section with low noise fan multi speed motor, coil section with DX coil, outer cabinet, drain water lift-up mechanism, insulation, pipe connections etc. of various capacities as per specifications and drawings. WITH CORDLESS REMOTE CONTROL				
2.1	2.0 Ton 4way Cassette	Nos	2	0	0
2.2	2.5 Ton 4way Cassette	Nos	1	0	0
2.3	3.0 Ton 4way Cassette	Nos	10	0	0
2.4	4.0 Ton 4way Cassette	Nos	2	0	0
3	Multi kits for Indoor units FOR BOTH LIQUID & SUCTION LINE. (only one unit will be considered for both suction and liquid lines)	Nos	15	0	0
B	LOW SIDE WORKS				
1	Lifting, Shifting, Positioning & Installation of VRF Outdoor units on terrace including required supporting system in MS/ RCC. (1no 22HP & 1no 24HP)	Nos	2	0	0
2	Lifting, Shifting, Positioning, Installation , Commissioning and Testing of VRF Indoor units	Nos	15	0	0
3	Vacuuming the system, Gas filling and topping up with R410-Ozone Friendly and NonCFC Refrigerant, pressure testing and commissioning of above system.	Per / HP	46	0	0
4	Supply & installation of suction & discharge Hard copper Refrigerant piping with proper supports/hangers from ceiling/wall as required at site & approved by consultant & duly insulated with closed cell elastomeric nitrile insulation of 19mm thick for pipes above 1" and 13 mm thick for pipes below 1" as suggested by the manufacturer. (only one length will be considered for both suction and liquid lines)				
4.1	LO : 15.90 & G.O 28.58	Rmt	60	0	0
4.2	LO : 12.70 & G.O 25.40	Rmt	60	0	0
4.3	LO : 9.37 & G.O 22.20	Rmt	60	0	0
4.4	LO : 6.35 & G.O 15.90	Rmt	60	0	0
5	Supply and Erection of hard PVC condensated drain piping with 9mm thick Nitrile insulated including support and wall opening of the following sizes etc..				
5.1	c) 25 / 32mm Dia	Rmt	200	0	0
6	Supply and Laying of Control and communication cable and connecting the VRF IDUs and ODUs (control wiring using 2C X 1.5 Sq.mm copper cable) with conduit	Rmt	300	0	0
7	Supply and fixing of following size GI perforated cable tray made out of 2mm thick galvanized sheet and the tray covered with 2mm thick cover including GI / MS supports for fixing the tray, anchor fasteners etc., complete as required. (For Copper pipes and PVC Pipes)				
A	300mm wide	Rmt	100	0	0
8	Associated Civil works				
	Chipping ,chasing & Plastering the wall openings in cement mortar 1:6 of 15 mm thick finishing to line and level with sand facied finishing at all levels, including all leads & lifts, scaffolding, curing etc complete (for Copper & Drain openings in all rooms etc.	Lot	1	0	0

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
IV	INTERNAL CIVIL WORKS				
1	DISMANTALING WORKS				
	DISMANTALING, REMOVING AND CARTING AWAY OF EXISTING TOILET.	LS	1	0	0
	Dismantlaing, Removing and Caritng way the following items as directed and carting away debris form the of the site to the contractors own dump yard aleast 10 km away form the site. The work shall be carried out as per the directions of the Architect.The rate shall be inclusive of all the labour, transportation necessary required for the complete execution of the item as directed by the architect / IDRBT.				
	i)Existing Toilet doors and Ventilators (Approx 10 Sqmts)				
	ii)Existing Toilet fixtures (4 Closet's, 4Wash basins and 6 Urinals etc)				
	iii)Existing Brick wall (Approx 40 Cumt)				
	iv)Existing floor tiles in toilet (Approx 20 Sqmts)				
	v)Existing wall tiles in toilet (Approx 65 Sqmts)				
	vi)Existing water proofing Upto sunken slab level (Approx 50 Cumt)				
	vii)Existing Sanitary and Plumbing lines				
	viii)Existing Granite Counter (Approx 10 Rmt)				
2	BRICK WORK				
2.1	230MM THK BRICK WORK				
	Providing and constructing Brick masonry walls in Superstructure using locally available approved quality Bricks, well (Kiln/Chimney) burnt, uniform size and colour having average crushing strength not less than 50 kg/cm2 for walls, shaft walls, parapets, drains, manholes, trenches etc. in proper line, level and plumb including striking out / raking out joints, curing, necessary scaffolding, etc. complete at all heights and levels as per the approved drawing and as per instructions of the Architect / IDRBT. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT. Using Cement Mortor 1:4. Rate should be quoted considering execution of work in the Third floor level.	CU.M	5	0	0
2.2	115MM THK BRICK WORK FOR INTERNAL WALLS				
	Providing and constructing half-brick masonry partition walls in Superstructure using locally available approved quality Bricks, well (Kiln/Chimney) burnt, uniform size and colour having average crushing strength not less than 50 kg/cm2 . Rate includes providing RCC patli beam 100mm thick including providing with 4 nos. 8 mm dia TMT bars and 8 mm dia TMT links at 300 c/c in cement concrete of mix M 20 at mid-height (height between two patli not exceeding 1.20m), required formwork etc. in proper line, levels and plumb including raking out joints, curing, necessary scaffolding, etc. complete at any levels below plinth as per the approved drawing and as per instructions of Architect / IDRBT. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT. Using Cement Mortor 1:4. Rate should be quoted considering execution of work in the Third floor level.	SQ.M	120	0	0
2.3	INTERNAL WALL PLASTERING				

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
	Providing and applying in position average 16 mm thick smooth finish cement Plaster in cement mortar 1:5 to all internal walls, using fine or Coarse sand and adding polypropylene fibre of approved quality in desired quantity per bag of cement as per manufacturers specifications complete. Rate includes providing chicken mesh to all joints of RCC members with Brick walls in all positions in proper line, level & plumb at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces ,curing etc complete as directed at site. Rate includes making Flush/ raised/sunk or moulded bands of any width, recesses, making grooves etc. complete as per Architectural drawings and no extra payment shall be considered for the same as directed by the Architect / IDRBT. The rate shall be inclusive making Flush/raised/sunk or moulded bands of any width, recesses, making grooves and all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT. Approved make for Cement : ULTRATECH, ACC, RAMCO, INDIA,AMBUJA.	SQ.M	400	0	0
3	FLOORING				
3.1	GRANITE FLOORING FOR REAR STAIRCASE LOBBY				
	Providing and laying in position 18mm ± 2mm thick machine cut pre-polished Granite stone flooring and skirting in approved colour, shade, design and patterns as per architectural drawings ilaid over 20 mm (average) thick cement mortar 1:6 (1 cement : 6 coarse sand) bedding fixed and jointed with neat cement cement slurry and filling joints using white cement slurry admixed with pigment of matching shade or epoxy based joint filling compound of approved make including grinding, mirror polsihing, curing, nosing, making grooves etc. complete as specified in the Architectural drawings and as directed by the Architect / IDRBT. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT. (Basic Rate of Granite : Rs.2500 SQMT) (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)	SQMTS	45	0	0
3.2	GRANITE JAMBS FOR WINDOWS				
	Providing & Fixing in position 18mm thick ± 2mm machine cut,Telephone Black Mirror polished Granite as per the approved sample for window cills, jambs or any other specified etc. as per the drawing laid to the required level & line including cutting of stone to the required size & shape, edge polishing / chamfered edges, surface preparation including cement backing with 1:1 cement grout, filling & finishing the joints with cement & approved colour pigments, cutting, mirror polishing, curing, cleaning etc. The work shall be carried out as per the directions of the Architect / IDRBT. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT. (Basic cost of Granite Rs.1650 per sqmts) (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)				
A	300MM WIDE FOR 230MM THK WALLS FOR WINDOWS & EXTERNAL DOORS	R.M	135	0	0
B	150MM WIDE FOR 115MM THK WALLS FOR TOILET DOORS	R.M	40	0	0
3.3	FLOORING WITH 1200MMX2400MM GVT TILES WITH 3MM SPACERS	SQM	500	0	0
	Removing of the Existing flooring including cement mortar (Apx 150mm thk) and Carting away debris form the site to the contractors own dump yard or Municipal Dumpyard atleast 10 km away form the site.The rate shall include all the labour transporation etc for the complete item of work.				

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
	Providing and laying Glazed vitrified floor tiles of size 1200 MM X 2400 MM (10/12 thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 75 mm to 125mm thick cement mortar 1:4 (1 cement : 4 coarse sand), averagely including Skirting if any required during laying and finishing complete. Rate Including filling the joints using "+" shaped 3 mm wide plastic spacers at corners (to be removed before jointing) during fixing of Vitrified tile in floor to achieve a perfectly straight joint line, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete. The work shall be carried out as per the directions of the Architect/IDRBT. The rate shall be inclusive of all the necessary material, required hardware, labour, transportation, lead and lift charges for all floors etc necessary for the complete execution of the item. (BASIC RATE OF THE TILE SHALL BE RS.1600 Per Sqmtr)				

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
3.4	WALL CLADDING WITH ENGINEERING GRINITITE	SQM	105	0	0
	Providing & Fixing in position of Engineered Granite cladding laid in perfect line and level as per approved design and pattern on rough finished 1:4 cement mortar backing plaster of average thickness 20 mm. marble to be fixed to walls using approved tile adhesive of Roff/Bal Endura/Fevimate including all free edges should be pre chamfered before fixing and filling the joints with epoxy based joint filling compound of matching shade, curing, rubbing/grinding/polsihing the joints etc. complete as directed by the Bank. Rate includes cost of CM 1:4 backing plaster with waterproofing compound, cahmferring of tiles at corners and excution of work all heights and locations including necessary scaffolding etc. complete. as directed by the Architect / Bank's Engineer. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT. (Basic Rate of Engineered Granite : Rs.6000 SQMT)				
4	UPVC WINDOWS				
	Dismantlaing, Removing and Caritng way the Windows as directed and carting away debris form the of the site to the contractors own dump yard atleast 10 km away form the site. The work shall be carried out as per the directions of the Architect.The rate shall be inclusive of all the labour, transportation necessary required for the complete execution of the item as directed by the architect.				
	Providing & fixing in position factory made uPVC white colour sliding window up to 1.20 M x 1.2M in height dimension comprising of uPVC multi-chambered frame of size 85mm X 45mm, Glass sah size 35mm X 53mm, Mesh panel size 27mm x 53mm with wall thickness 1.9mm +/- 0.2 mm with in-built roller track and sash extruded profiles duly reinforced with 15. to 2.52 mm thick depending upon the window galvanised mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimensions of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gaskets, wool pile, touch locks with hooks, with single nylon rollers (weight bearing capacity to be 80/ 150 Kg), SS fasteners 100 x 8 mm size for fixing frame to finished wall and 5 degree gradient slope in track (drainage track) comes with threshold, low threshold without threshold option & necessary stainless steel screws etc 5 mm thick toughened glass panels , fixed in shutters, flush handle, C handle, D handle with locking arrangements as per manufacturers specifications etc. complete. The work shall be carried out as per the directions of the Architect / IDRBT. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT. Approved Makes : FENESTA.				

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
4.1	SLIDING WINDOW (1200mmX1200mm) 3 TRACK (2 FOR OPENING & 1 FOR MOSQUITO NET) WITH 5MM TOUGHENED GLASS.	SQ.M	40	0	0
4.2	VENTILATORS (900mmX600mm) VENTILATORS WITH EXASUT FAN PROVISION.	SQ.M	3	0	0
5	DOORS	SQ.M	9	0	0
	Providing of Factory made prelaminated FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 50mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 no's to be provided for each vertical member, GI stiffeners of ("U" channel of size 29x9x1mm, 150mm long) -3 no's at hinge point, Frame reinforcement of("U" GI channel of size 46x22x.06mm),Bottom tie rod of ("U" GI channel size of 15x15x1mm)				
	etc. complete as per manufacturers specification for finished item of work. Maximum door frame size : 980 x 2070 including providing of 35mm thick Factory made Prelaminated ABS (Acrolonitrile Butadyne Styrene) Door shutter moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x32mm, reinforced by 32x 32mm - 2 nos. for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density				
	craft paper honey comb board, sandwiched on both sides with prelaminated ABS sheet thickness of 1.5mm . PVC edge banding of size 0.45mm on the vertical sides. Hardware made out of steel coated butterfly hinges - 3 Nos. for each shutter and ISI make S.S round lock completes for finished item of work.size of : 900 mm x 2050 mm & 750 mm 2050 mm				
	The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect. Approved Makes : NCL, KASSA.				
II	TOILET WORKS				
1	WATERPROOFING IN TOILETS				
	Providing waterproofing in Toilets,urinals, wash basin areas,on floor before plumbing and on walls upto 600mm. by chemical method as follows:Brushing,cleaing & hacking the surface area and mixing and applying two coats of ready to use two component acrylic polymer modified cementations, waterproof coating in 2 layers one after the other with 1mm tk with air cure of 4 hours for first coat and second coat followed with water curing for 48 hours as per manufacturers' specification.Including providing ten years guarantee against leakage on a requisite stamp paper complete. The Water proofing also to include 2 coats of waterproofing plaster done with 12 mm aggregates finishing in CM1:3 mixed with waterproofing compound, finishing with rough finish to required slope with an avg thk of 40mm.Ponding test to be done for 24 hours before plumbing work can begin. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect>IDRBT Approved Makes : FOSROC, LATICRATE, PIDILITE DR FIXIT, BOSTIK.	SQ.M	95	0	0
2	LIGHT WEIGHT BRICK FILLING IN TOILETS				
	Providing and filling in the toilets (after application of principal waterproofing treatment to surface of sunk RCC slab) with brick bats broken AAC blocks of 25 mm to 115 mm in size with 50% of cement mortar 1:4 admixed with approved water proofing compound conforming to IS : 2645 complet as directed by the IDRBT. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect>IDRBT.	CU.M	25	0	0
3	ANTI SKID VITRIFIED TILE FLOORING IN TOILETS				

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
	<p>Providing and laying in position Anti Skid Vitrified Tile (600mm X 600mm) (10/12 mm thickness) flooring of approved colour, shapes and texture laid in required pattern in uniform line, level including laying avg. 20 to 25 mm thick bed of CM 1:6 (1 cement : 6 coarse sand) and neat white cement float, filling joints with neat cement slurry of appropriate colour, curing and cleaning complete. Rate Including filling the joints using "+" shaped 3 mm wide plastic spacers at corners (to be removed before jointing) during fixing of Ceramic tile in floor to achieve a perfectly straight joint line, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete. The work shall be carried out as per the directions of the Architect / IDRBT. The rate shall be inclusive of all the material, labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT.</p> <p>Approved make & model : KAJARIA , RAK JOHNSON.</p> <p>Basic rate of tile not less than Rs: 650 per Sqmt. (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)</p>	SQMTS	40	0	0
4	GLAZED VITRIFIED TILE DADOING IN TOILETS				
	<p>Providing and fixing in position premium quality Glazed Vitrified wall tiles (600MM X 1200MM) in walls/dado conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make, colours and shades as per sample approved by IDRBT in- Charge fixed over 15mm thick rough finished backing plaster in CM 1:4 including using 3mm plastic spacers filling / grouting the joints with Epoxy Grout mixed with approved matching colour with tiles at all levels with all required tools, plants, materials and labour required to complete the work in all respects as directed by Architect/IDRBT (PVC corner- Arpitha make beading to be provided in all the corners). The work shall be carried out as per the directions of the Architect / IDRBT. The rate shall be inclusive of all the material, labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / IDRBT.</p> <p>Approved make & model : KAJARIA , RAK JOHNSON.</p> <p>Basic rate of tile not less than Rs: 800 per Sqmt. (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)</p>	SQ.M	110	0	0
5	WASH BASIN COUNTER IN GRANITE				
	<p>Providing and fixing Granite Counter in 36 mm thick comoflanged machine cut and mirror polished Granite slabs of approved colour in 600mm width, length upto 2000mm, set in 20 mm thick cement mortar 1:4, joint finished with neat cement slurry with matching colour including dressing the nosing and sides to the required shape etc. as directed with sizes as per drawing for wash basin counter, laid over 36 mm thk POLISHED GRANITE supports. Rate to include cutting for washbasins of required size, final mirror polish after installation. (Basic Rate of Granite : Rs.1650 per SQMT). Mode of Measurement : Only length of counter top shall be measured.</p>	RMTS	6	0	0
6	EXTENDED WALL HUNG WATER CLOSET TWO PIECES				
	<p>Providing & Fixing white vitreous china two piece wall hung extended EWCs with cistern of size 51 X 37 X 34 cm (minimum), seat and soft closing lid, (handle lever), twin flush fittings with C.I flush bend with fittings & C.I. brackets, 40 mm flush bend, Braided connector pipe to connect to bid cock overflow arrangements with specials of standard make and mosquito proof coupling of approved design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required.</p>	NOS	6	0	0
	<p>The rate shall include white solid plastic seat and soft closing lid - wc p trap, connecting to the soil pipe. The rate shall be inclusive of all the material, labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect.</p> <p>Approved make : ROCA, JAQUAR, KEROVIT, DURAVIT.</p> <p>MRP not less than Rs: 15000. (Basic rate means include white solid plastic seat and soft closing lid - wc p trap, Tank, connecting to the soil pipe, Excluding GST, Transportation and Loading and Unloading charges)</p>				
7	COUNTER TOP WASH BASIN				

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
	Providing and fixing Counter top wash basin of approved make commercial size of approved make & design including -i) Heavy CI brackets as required.ii) 32 mm CP brass waste coupling with 32 mmCP brass heavy bottle trap (detachable type) with. CP brass extension piece & wall flange, reducers (75/50 or 40 mm), elbows, cleanouts,tees etc including making holes in RCC/Civil works, connecting to sleeves (where left) in floor etc complete. Pipes to be of 6 bar variety with solvent joint & will be measured (running length) & paid under separate item. iv) 15 mm CP brass heavy fancy pillar angle cock with CP connector of required length connecting to.v) Angle Valve with wall flange including jointing using Teflon tape, vi) Suitable stop cock etc. complete.WHB (for circular /oval basin) below the counters as required including brackets as required.The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect/IDRBT Basic Cost of the Washbasin should be Rs.8000.00, Basic Cost of the Angle cock should be Rs.1500.00 and Basic Cost of the Stop cock should be Rs.500.00. Approved makes : ROCA, JAQUAR, KEROVIT, DURAVIT.	NOS	5	0	0
8	HEALTH FACUET				
	Providing & fixing C.P. heavy quality health faucet [Jet Spray] with wall hook ,Braided connector pipe up to 600mm long including jointing using Teflon tape etc to bid cock. complete. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect. Approved make : ROCA, JAQUAR, KEROVIT, DURAVIT. Basic rate not less than Rs: 2000. (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)	Nos	6	0	0
9	2 WAY BIB COCK				
	Providing & fixing C.P. heavy quality 2 way Bib cock, with wall flange, including jointing using Teflon tape etc.complete.The rate shall be inclusive of all the material,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect/IDRBT. Approved make : ROCA, JAQUAR, KEROVIT, DURAVIT. Basic rate not less than Rs: 1500. (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)	Nos	6	0	0
10	URINALS WITH WITH SENSOR				
	Providing and fixing white vitreous AC Supply based Infrared Sensor Operated Urinal of size 29 X 32 X 57 (minimum) with Sensor kit having 2 litre water per flush or equivalent with water inlet from back side, including fixing to wall with suitable C. I. brackets, GI rag bolts, C.P. brass waste coupling including cutting and making good the walls and floors wherever required as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Architect/IDRBT. Approved make : ROCA, JAQUAR, KEROVIT, DURAVIT. Basic rate not less than Rs: 15000. (Including Sensor) (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)	NOS	3	0	0
11	GLASS SEPARATOR BETWEEN URINALS				
	Providing & fixing 12 mm thick white colour toughened glass partition wedge shape Between the Urinals form ht of 600mm up to 1500mm ht with a varying width upto 600mm as per the design & fixed to wall with patch fittings at directed locations.All the exposed Edges of the Glass shall be machine polished,rounded as perr the directions. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the architect/IDRBT	NOS	5	0	0
12	TOWEL RING				
	Supplying and Fixing of Towel ring of Chrome plated with necessary screws etc., complete including cost and conveyance of all materials, labour charges for finished item of work in all floors. Approved make : ROCA, JAQUAR, KEROVIT, DURAVIT. Basic rate not less than Rs: 1000. (Basic rate means Excluding GST, Transportation and Loading and Unloading charges)	NOS	5	0	0
13	MIRROR IN TOILETS				

SL.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
	Providing & Fixing 6mm thick mirror with edge grinding, polishing and beveled edge allround (Mirror of approved quality & as per specifications) fixed to the wall with SS Studs & washers of 6 nos & complete as per the directions.	SQMTS	5	0	0
14	TOILET CUBICLE SYSTEM (Approximate Size:1050-1200MM x 1350-1500MM x 2400MM)	NOS	6	0	0
	i. Providing Intermediate Panel, Pilaster & Door: The intermediate panel is one continued panel without any joints. All intermediate panels, panels, pilasters and doors shall be 12mm thick with edges chamfered. The solid compact laminate (Phenolic Core Board) is based on thermosetting resins, homogeneously reinforced with cellulose fibers. Top surface on both sides is melamine coated which is scratch and impact resistant. ii. Providing Hardware and fixing: All pilasters are to be supported by adjustable foot and non corrosive in sets. Top rail and wall fixing with and exterior polyamide coating guarantees resistance to breakage, heat, humidity and chemicals. The base of the adjustable foot will be anchored to the floor with a clearance height of 100mm. Aluminum U- Channel will be used for the fixing of intermediate panels to the wall.				
	iii. Each Toilet compartment shall be equipped with accessories Privacy Thumb turn, Aluminum U-Channel, Door Knob, Coat Hook, Auto Return Hinges, Adjustable legs, Coated Aluminum Top Profile, Aluminum Door stopper lining. (Basic cost of each module is Rs.40,000/- .The above basic cost does not include tax, transportation, Installation Charges etc at site should be assumed to arrive the tender rate) (Make: Merino, Megha Systems line, Super Creations)				
15	WATER SUPPLY WORKS				
15.1	CPVC PIPES				
	Providing and fixing chlorinated poly vinyl chloride(CPVC) pipes (I.S:4985-1981) (SDR 11, High pressure) of 10Kg / cm ² , having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fitting, including fixing the pipe with clamps at 1m spacing. This includes jointing of pipes and fitting with one step CPVC solvent cement and cost of cutting chases. Rate including all fittings e.g bends, junctions, elbow, f-tee, m-tee, offsets, access pieces etc. jointing with solvent cement including cutting holes in walls, floors excavation, refilling & disposal of surplus earth wherever required & making good the same including testing of joints complete as per direction of Architect/IDRBT in Charge. Approved Makes : ASTRAL, FLOWGUARD, ASHIRVAD.				
A	20 mm OD pipe	Rmt	100	0	0
B	25 mm OD pipe	Rmt	50	0	0
15.2	METAL BALL VALVES				
	Supplying, fixing and testing of METAL Ball valves screwed end of approved make including cost and conveyance of all materials to site, labour charges, sales and other taxes on all materials etc., complete for finished item of work for all floors.				
A	20 mm dia valve	Nos	6	0	0
B	25 mm dia valve	Nos	4	0	0
16	PVC / SWR PIPES				
	Supplying, laying, fixing in position and testing on wall / under floor PVC / SWR pipes & fittings (as per ISI standards) 4 kg /cm ² for sanitary lines with specials of approved make as per manufacturers specification including cutting the pipes to the required lengths, jointing with specials where ever required necessary chasing & restoring the original condition, testing, clamps if necessary cowls etc., complete for including cost and conveyance of all materials, all taxes and all labour charges for finished item of work.				
A	100 mm (4") dia	R.M	50	0	0
B	75 mm (3") dia	R.M	100	0	0
17	FLOOR TRAPS				

Sl.No	DESCRIPTION	UNIT	QTY	RATE (RS.)	AMOUNT (RS.)
	Supplying and fixing 100 mm dia inlet - 75 mm (3") outlet PVC floor traps 1st quality ISI marked with C.P grating fixing with white cement as per the site requirements with standard practice including CP cockroach trap with grating, black painted for all floors including cost and conveyance of all materials to site, labour charges etc, complete for finished item of work.	Nos.	10	0	0
18	CORE CUTTING				
	Providing and doing core cutting in RCC slab / Brick wall of 100 to 150mm dia at given location as per instructions including necessary tools and machinaries, scaffolding, watering, rate also included carting away the debris from site time to time or disposing the material as directed and specified by the Architect as per requirments. The scope includes Scanning of the beams and slabs as per the directions of Architect / IDRBT.	Nos.	20	0	0
	TOTAL AMOUNT in Rs				0.00
	NOTE : GST EXTRA AS APPLICABLE				