

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
INTERIOR WORKS					
PARTITIONS AND PANELLING:-					
1	<p>♦Full Height Partition: Providing and fixing in position Full Height partition in framework of 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm heavy duty GI Box Sections (1.6 mm) with 12 mm thick MDF on both sides finished with 1 mm thick laminate, shade as mentioned in drawing, of make (as mentoioned in list of approved make); including grooves as per drawing.</p> <p>♦Item to include 65 X 65 mm teakwood member for door frame and additional framework and teakwood beading/ SS brackets required for providing glazing.</p> <p>♦All exposed teakwood surfaces and the like to be finished in enamel paint (matt finish) matching laminate colour / as mentioned in drawing; including all necessary fittings and SS hardware of make hettich/ hafele/ dorma.</p> <p>♦The rate to include provision of extra frame work as necessary for skirting and making cut-outs for electrical switches, switch boxes, conduiting, door/ glazing as per drawings.</p>	Sqm	59.00		
	<p>Note:-</p> <p>a) In case of false ceiling, the vertical GI members to be fixed to RCC ceiling but the area of partition payable will be below the false ceiling only. b) Measurement of height shall be taken from finished floor only, in case of varying heights on either side of partition, average height shall be considered. c) Openings/ door/ glass shall not be measured for payment.</p>				
2	<p>♦Low Height Partition: Providing and fixing in position solid Low Height partition upto height of 1200 mm in framework including door in 600 X 600 mm grid (horizontally and vertically) comprising of 50 mm X 50 mm heavy duty GI Box Sections with 12 mm thick MDF on both sides finished and top with 1 mm thick laminate of approved shade as per drawing including grooves as/ Architect.</p> <p>♦Item to include 65 X 65 mm teakwood member for door frame. All exposed teakwood surfaces and the like to be finished in melamine polish of matching laminate colour or as directed including all necessary fittings and SS hardware of make Hettich/ Haffele/ Dorma.</p> <p>♦The rate to include provision of extra frame work as necessary for skirting and making cut-outs for electrical switches, switch boxes, conduiting as per drawings. ♦The top part of the partition to be finished with MDF 18 thk and 12 mm projected on both face, upper corner rounded, to be finished with enamel paint, matt finish of approved shade as mentioned in drawing.</p>	Sqm	29.00		
	<p>Note:- a) Measurement of height shall be taken from finished floor only, in case of varying heights on either side of partition, average height shall be considered. b) Openings/ door/ glass shall not be measured for payment. c) Contractor to use proper masking tapes while polishing grooves etc. to prevent any damage to laminate.</p>				

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3	<p>◆Providing and fixing of wall panelling of any shape (Flat only, with no-projection, but may extended upto 100 mm from existing brick wall surface lvl.) over existing wall surface (plastered surface, what ever condition existing at site, if require the existing surfaces are to be repaired with out any extra cost) or partition wall; with GI section framing & support and fixing details as per mentioned in drawing, design and cladding / covered with 12 mm thk. MDF ; with all necessary hardware items, all complete as per design and instruction of architect.</p> <p>◆The entire surface area including MDF have to be treated with anti termite treatment (20% EC Chlorophyriphos), applied in two(2) rounds at an interval of 3 days diluted with water and applied through high pressure sprayer before fixing of MDF. Entire surface has to be dried up completely before fixing of MDF.</p> <p>◆All visible surfaces of wall paneling have to be finished with laminted sheet (1.0 mm thk) shade as mentioned in drawing.</p> <p>◆Wall panelling will be provided with 100 mm wide skirting made of 15 mm thk ply-wood (water proof), finished with 1thk laminate as mentioned in drawing and top edge to be finished with MDF 15th beading, chamfered edge, finished with enamel paint matt finish, shade as approved by architect, all complete.</p>	Sqm	271.00		
	<p>◆The depth parts (of the wall panelling - distance between wall and the wall panelling) are to be closed / blocked with 12mm thk. MDF and to be finished with laminate sheet (1mm) as specified in drawing.</p> <p>◆Shade & quality of finishing material, hardware items, placement, construction detail will be followed as per drawing, list of approved makes & on site approval.</p>				
	<p>◆Where ever panelling is getting finished with any other material other then laminate, same area @ Rs 50 per sqft area will be deducted due to non use of laminate with in that area</p> <p>◆Note:- a) In case of false ceiling, area of panelling payable will be below the false ceiling only.</p> <p>b) Measurement of height shall be taken from finished floor only, in case of varying heights on either side of panelling, average height shall be considered.</p> <p>c) Openings/ door/ glass shall not be measured for payment.</p> <p>d) visible front surface (elevation - 2D surface) only will be measured for payment.</p> <p>◆Rates are inclusive of all related items & works, described above. Only the front surface (front elevation) will be measured for measurement.</p>				
4	<p>◆Providing and fixing of wall panelling projection / projection over partition [of any shape (<u>up to a projection of 100 mm from wall panel / flat partition surface base</u>)] fixed over flat wall panelling base surface.</p> <p>The projections are to be made of 12 thk MDF <u>without any additional GI or Aluminium framing</u> and to be finished (all visible surfaces) with 1 thk laminate, shade as mentioned in drawing and as per approval at site.</p> <p>◆The entire surface area including MDF have to be treated with anti termite treatment (20% EC Chlorophyriphos), applied in two(2) rounds at an interval of 3 days diluted with water and applied through high pressure sprayer before fixing of MDF. Entire surface has to be dried up completely before fixing of MDF.</p> <p>◆All visible surfaces of ornamental projections (part of wall panelling) have to be finished with laminted sheet (1.0 mm thk) shade as mentioned in drawing or on-site approval.</p>	sqm	207.00		

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	<p>◆Shade & quality of finishing material, hardware items, placement, construction detail will be followed as per drawing, list of approved makes & on site approval.</p> <p>◆Wherever panelling is getting finished with any other material other than laminate, same area @ Rs 50 per sqft will be deducted due to non use of laminate with in that area</p> <p>◆Note:-</p> <p>a) In case of false ceiling, area of panelling payable will be below the false ceiling only.</p> <p>b) Measurement of height shall be taken from finished floor only, in case of varying heights on either side of panelling, average height shall be considered.</p> <p>c) Openings/ door/ glass shall not be measured for payment.</p> <p>d) Visible front surface (elevation - 2D surface) only will be measured for payment. Depth parts of the projections will not be considered for payment.</p> <p>E) Ornamental projections may be of any width (ranging from 40 mm to 1.5 mts). No projection will be measured in running meter, all will be measured in sqmts unit.</p> <p>◆Rates are inclusive of all related items & works, described above. Only the front surface (front elevation) will be measured for measurement.</p>				
5	<p>◆Providing and fixing of lacquered glass of 6 mm thickness (PLANILAQUE@-saint Govin), of any colour (as mentioned in drawing / as per approval of architect/ Bank's engineer) to be placed on ply wood/ MDF surface at any location, with superior quality netrual colour glass silicon / resine and wooden beading support as per design and drawing, all complete in all respect.</p> <p>◆All the edges of the glass panels are to be bevelled and rounded form all the sides.</p> <p>◆Where ever lacquered glass will be used, same surface area shall be deducted for non application of laminate sheet @ rs 40/- per sqft (for wall panelling area)</p> <p>◆Shape, design & quality of material, placement will be followed as per drawing, list of approved makes & on site approval.</p> <p>◆Rates are inclusive of all related items & works. Measurement will be done on finished surface area basis.</p>	Sqm	74.00		
6	<p>Providing and fixing glazed door and fixed glazing (full/ low height glass partition) with 12 mm thick toughened glass of approved make with all SS patch fittings (Hettich/ Haffele/ Dorma). Item to include floor springs, lock, 300 mm long D- handles and other necessary hardware of Stainless Steel of make Hettich/ Haffele/ Dorma all complete as per the directions of Architect/ Engineer-in-charge.</p> <p>All fixed glasses are to be fixed with teak wood beading (15 thk) in partition and width as per site rquirement, 8 mm projected from partition surafce, edges chamfered and to be finished with enamel paint (satin finish) shade as mentioned in drawing all complete in all aspect, base to be preapred with wooden putty and primer; all cost inclusive.</p>				
	Fixed Glazing, 12 thk tamper glass	Sqm	42.00		
7	Same as above with.... Openable door, 12 thk tamper glass	Sqm	12.00		
	STORAGE:-				

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8	Providing and fixing low height storage (upto 1200 mm high) and 450 mm deep as shown in details/ drawing with all sides, shelves (at every 400 mm) to be 19 mm commercial block board with 12 mm thick fire retardant plywood to be fixed at the back. The top shall be finished with 1 mm thick laminate over 19 mm thick commercial block board all complete. The shutters to be 19 mm thick commercial block board with 1 mm thick laminate 'UGM' Frosty White/ Teak finished laminate as/ approval of approved make on all exposed outside surfaces and 0.8 mm thick laminate on all the inside surfaces. The sides/ bottom of the drawer shall be made out of 12 mm thick fire retardant plywood and finished 0.8 mm thick PVC edge banding. All other edges/ shutters to be finished with 0.8 mm thick PVC edge banding all complete including S.S. long handles, magnetic catchers, self closing hinges/ telescopic hinges of Hettich/ Hafele etc. Contractor to use proper masking tapes while polishing grooves etc. to prevent any damage to laminate.	Sqm	21.84		
	The item shall include melamine polishing to the teakwood surfaces to match with specified laminate and outside surfaces to be finished in laminate and providing of 8 mm thick clear toughened glass with bevelled edges at the top of storage all complete to the satisfaction of Architect/ Engineer-in-charge [Front elevation shall be measured for payment].				
9	Same as above but side storage of size 900 (L) mm X 750 or 700 (H) mm and having minimum two drawers as/ drawings.	Nos.	13.00		
10	Providing and fixing Full height storage (Upto 2600 mm high) and 450 mm deep as shown in details/ drawing with all sides, shelves to be 19 mm thick commercial block board with 6 mm thick commercial plywood to be fixed at the back. The shutters to be 19 mm thick fire retardant blockboard with 1 mm thick laminate 'UGM' Frosty White/ Bleached Teak of make Archidlam/ equivalent shade in approved make on all exposed outside surfaces and 0.8 mm thick laminate on all the inside surfaces. The sides/ bottom of the drawer shall be made out of 12 mm thick commercial plyboard. All edges/ shutters to be finished with 0.8 mm thick PVC Edge banding. all complete including S.S. long handles, self closing hinges/ telescopic hinges of Hettich/ Hafele/ Ebco etc.	Sqm	8.00		
	All outside surfaces to be finished in laminate all complete to the satisfaction of Architect/ Engineer-in-charge. [Front elevation shall be measured for payment.]				
11	Providing, fabricating and fixing in position as per layout plan overhead cabinets (400 mm deep). The specifications for the framework/ carcass and shutters of the cabinets are same as given for the cabinets above [Front visible surface area of the cabinets shall be measured for payment].	Sqm	5.00		
12	Same as above but for under counter (below RCC slab) and 600 mm deep.	Sqm	5.00		
	DOORS :-				
13	Solid Flush door with vision panel: Providing and fixing 30 mm thick flush door with 10 mm thick teakwood lipping on all sides finished in 1 mm thick laminate on both sides of approved shade 'UGM' Frosty White/ Bleached Teak of make Archidlam/ shade in approved make with all necessary hardware including SS door handle, SS stopper, lock, door closer, SS heavy duty butt hinges etc. of make Dorma/ Hettich/ Hafele all complete as per directions of Architect/ Bank. Item to be include 175 x1500 mm vision panel (5.5 mm float glass) in door including fixing etc. all complete and 2 coat of Fire retardant paint Viper of navair/ approved equivalent. ◆necessary wood frame of 2nd class teak wood (size 75 X75) to be provided all around for fixing of shutters. The frame to be fixed with partition or wall with holdfast / GI fastner. The wooden frame is to be finished with enamel paint (smooth finished base, free from all defects); shade as per approved by architect.	Sqm	14.00		

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14	<p>Solid Flush door: Providing and fixing 30 mm thick flush door with 10 mm thick teakwood lipping on all sides finished in 1 mm thick laminate on both sides of approved shade 'UGM' Frosty White/ Bleached Teak of make Archidlam/ equivalent shade in approved make with all necessary hardware including SS door handle, SS stopper, lock, door closer, SS heavy duty butt hinges etc. of make Dorma/ Hettich/ Hafele all complete as per directions of Architect/ Bank. Item to include 2 coat of Fire retardant paint Viper of navair/ approved equivalent.</p> <p>◆necessary wood frame of 2nd class teak wood (size 75 X75) to be provided all around for fixing of shutters. The frame to be fixed with partition or wall with holdfast / GI fastner. The wooden frame is to be finished with enamel paint (smooth finished base, free from all defects); shade as per approved by architect.</p>	Sqm	13.00		
15	<p>Electrical Panel Cabinet with louvres door: Providing and fixing 19 mm thick blockboard shutter finished in 1 mm thick laminate on both sides of approved shade 'UGM' Frosty White/ Bleached Teak of make Archidlam/ equivalent shade in approved make with all necessary hardware including SS door handle, SS stopper, lock, door closer, self close hinges etc. of make Dorma/ Hettich/ Hafele all complete as per directions of Architect/ Bank. All edges/ shutters to be finished with 0.8 mm thick PVC Edge banding.The item to include MS louvers, (powder coated paint finishing) in the shutters of the door (size & shade as mentioned in drawing) and 1 mm thick laminate on shutters, as mentioned in drawing .(front facia to be mesured for payment) and 2 coat of Fire retardant paint Viper of navair/ approved equivalent.</p> <p>The inner surface of the shutter panels and of the cabinet surfaces to be finished with 6/8 thk cement sheet (everest or similar make) for fire protection. The joints to be finished with putty and finally to be painted with fire retardant paint, as mentioned above; all complete in all aspect and all costs inclusive with in this item of work.</p>	Sqm	5.00		
CEILING AND FINISHING WORKS:-					
16	<p>Providing and fixing at all height false ceiling and making coves including providing and fixing of framework made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating of grade 350 as per IS : 277 and consisting of angle cleats. The perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre to centre with 25 mm long drive-all screws @ 230 mm interval including jointing and fixing to a flush finish of tapered and square edges of the board with recommended filler, jointing tapes, finisher and one coat of primer suitable for board as per manufactures specification and also including the cost of making openings for light fittings, grills, diffusers, cut-outs made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer in Charge with: 12.5 mm thick tapered edge gypsum board conforming to IS:2095- Part-I of India Gypsum/ approved make for both framework and the board.</p> <p>Item to include painting with plastic emulsion paint with 'Velvet Touch' of approved brand and manufacture to give an even shade: Two or more coats on new work with rollers/ spray of make Asian/ Berger/ Dulux paint. Note:- Suspending system and frame work shall match layout of Electrical/ fire protection wiring/ fixtures etc. Rate to include provision of extra frame work needed due to above and to include necessary scaffolding etc. all complete.</p>	Sqm	470.00		

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17	Providing and fixing Metal False Ceiling Tiles of Metal ART/ Armstrong/ USG/ Boral with MICROLOOK edges (CLIP-IN type) and having noise reduction properties laid on exposed grid system with 15mm wide Silhouette type T-section flanges of white colour, perforation 1.8 mm Diagonal- Crystal White colour; main runners spaced at 1200 mm c/c securely fixed to the soffit of structure with approved hangers at 1200 mm maximum c/c. Flush fitting 1200 mm crossed tees to be interlocked between main runners at 600 mm c/c to form 1200 x 600 modules. 1200 mm cross tees to be crimped. 600 x 600 module to be formed by fixing 600 mm long flush fitting cross tees centrally between the 1200 cross tees. Ceiling tiles of Dune Premier of size 600 x 600 x 15 mm (thk.) to be placed in the grid. Rate to include making necessary cut-outs or openings for light fixtures, air conditioners and other utilities etc. complete to the satisfaction of Architect/ Bank's Engineer.	Sqm	28.00		
18	Providing and applying white cement based putty (Biral putty or equivalent) of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	314.00		
19	Providing and applying plaster of paris putty of 5 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	88.00		
20	Wall painting with plastic emulsion paint with ' Tractor - plastic emulsion ' of approved brand and manufacture to give an even shade: Two or more coats on new work with rollers/ spray of make Asian/ Nerolac / Dulux paint.	Sqm	305.00		
21	Painting with enamel paint on metal works / wood surface / MDF surface of approved brand and manufacture to give an even shade: Two or more coats on new/existing work with brush+rollers / spray of make Asian/ Berger/ Dulux paint. ♦ Note : Before application of paint base surface to be prepared with sand paper grinding and repair of putty - wooden / mixture of wooden dust plus glue (where ever required) . All cost inclusive.	Sqm	109.00		
COUNTERS AND TABLES:-					
22	Providing and fixing in position Officer's table 1500 X 750 mm wide with 1 mm thick laminate 'UGM' Frosty White/ Bleached Teak of make Formica/ equivalent shade in approved make comprising of the following complete in all respects (REFER DRAWING): Work top to be made with 19 mm thick commercial block board and finished with 1 mm thick laminate. 8 mm thick clear toughened glass with bevelled edges to be provided on top. Inside facia of the blockboard shall be finished with 1 mm thick laminate and edges shall be finished with teak wood patti finished in melamine polish all complete as per Architect. ♦Part of the front side will be finished with lacquered glass (min. 6thk of approved shade, saint-govin-PLANILAQUE) to be fixed with glue / rasin. Rate of lacquered glass included with in this item. Vertical facia (apron) to be made with 19 mm thick commercial block board and finished with 1 mm thick laminate on all exposed facia with grooves as per Architect. The grooves to be finished with melamine polish all complete. [Note:- Contractor to use masking tapes etc. to prevent any polishing from affecting the laminate.] Vertical drop box (horizontal box) shall be provided on the facia with 19 mm thick blockboard finished with 1 mm thick laminate on all sides all complete as per Architect. Vertical supports made with 19 mm thick commercial block board finished with 1 mm thick laminate on all exposed facia as per Architect.	Nos.	12.00		

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	<p>Telescopic CPU stand and readymade keyboard tray shall be provided of approved model and make.</p> <p>Boxing as per drawing made with 12 mm thick plywood finished with synthetic enamel paint shall be provided below the table top for electrical conduiting and at the bottom for the LAN cabling/ telephone wire conduiting.</p> <p>The item to include all necessary hardware and fittings in SS finish, 10 mm thick lipping/ teak patti to all edges, providing SS wire manager etc. Necessary SS D-brackets required for fixing the glass are to be provided. [Note:- Contractor to use masking tapes etc. to prevent any polishing from affecting the laminate.]</p> <p>The item to include drawer unit (comprising of 3 Nos. of drawers upto 400 mm wide) in table.</p>				
23	<p>Providing and fixing in position Single Window 1070-1500 X 750 mm wide along with side storage 750 X 900 mm with 1 mm thick laminate 'UGM' Frosty White/ Bleached Teak of make Sunmica/ equivalent shade in approved make comprising of the following complete in all respects (REFER DRAWING):</p> <p>Work top to be made with 12 mm solid acrylic surface pasted over 19 mm thick fire retardant blockboard including polishing, edge moulding etc. all complete (to be measured and paid separately). Inside portion of the blockboard shall be finished with 0.8 mm thick laminate all complete as per Architect.</p> <p>Horizontal drop box (apron) to be made with 19 mm thick fire retardant blockboard and finished with 12 mm solid acrylic surface including polishing, edge moulding etc. all complete on all exposed facia as per Architect (to be measured and paid separately).</p> <p>Horizontal facia shall be finished with laquered glass pasted with adhesive etc. as required all complete as per the directions of Architect/ Bank's Engineer.</p> <p>Vertical supports made with 19 mm thick blockboard finished with 1 mm thick laminate on all exposed facia as per Architect.</p> <p>Telescopic CPU stand/ CPU trolley with lockable wheels and readymade MS/ wooden keyboard tray shall be provided of approved model and make.</p> <p>Providing and fixing low height side storage (750 mm high) and 450 mm deep as shown in details/ drawing with all sides, shelves, drawer facia etc. to be 19 mm fire retardant blockboard with 6 mm thick fire retardant plywood to be fixed at the back. The shutters to be 19 mm thick fire retardant blockboard with 1 mm laminate on all exposed outside surfaces and 0.8 mm thick laminate on all the inside surfaces. All edges/ shutters to be finished with 0.8 mm thick PVC Edge banding all complete including S.S. long handles, magnetic catchers, self closing hinges of Hettich/ Haffele and Godrej multi-pupose locks etc. Inside surfaces to be finished with laminate all complete to the satisfaction of Architect/ Engineer-in-charge. The top shall be finished with 12 mm solid acrylic surface (to be measured and paid separately) pasted over 19 mm thick fire retardant blockboard including polishing, edge moulding etc. all complete.</p> <p>The item to include all necessary hardware and fittings in SS finish, providing SS finish wire manager etc. Necessary SS D-brackets required for fixing the glass are to be provided.</p> <p>The item to include drawer unit (comprising of 3 Nos. of drawers upto 400 mm wide) in table.</p>	each	6.00		

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24	same as above but size of table is (2100 x 750) mm	Nos.	1.00		
25	Providing and fixing in position Reception table 1650 X650 X 1050(h) mm wide (as per design) with 1 mm thick laminate 'UGM' Frosty White/ Bleached Teak of make Archidlam / equivalent shade in approved make comprising of the following complete in all respects (REFER DRAWING):	Nos.	1.00		
	Work top to be made with 19 mm thick fire retardant blockboard finished with with 1 mm thick laminate 'UGM' Frosty White/ Bleached Teak of make Archidlam / equivalent shade in approved make all complete. Inside portion of the blockboard shall be finished with 1 mm thick laminate and edges shall be finished with teak wood patti finished in melamine polish all complete as per Architect.				
	Horizontal drop box (apron) to be made with 19 mm thick fire retardant blockboard and finished with 6 mm solid acrylic surface including polishing, edge moulding etc. all complete on all exposed facia as per Architect.				
	Horizontal facia shall be finished with laquered glass pasted with adhesive etc. as required all complete as per the directions of Architect/ Bank's Engineer.				
	Vertical supports made with 19 mm thick fire retardant blockboard finished with 1 mm thick laminate on all exposed facia as per Architect.				
	Telescopic CPU stand and readymade keyboard tray shall be provided of approved model and make.				
	The item to include all necessary hardware and fittings in SS finish, 10 mm thick lipping/ teak patti to all edges, providing SS wire manager etc. Necessary SS D-brackets required for fixing the glass are to be provided. [Note:- Contractor to use masking tapes etc. to prevent any polishing from affecting the laminate.]				
26	Providing and placing Form filling counter / Writing Ledge of size 1200 X 300 mm in green banking zone made of 19 mm thick fire retardant blockboard and finished with 1 mm thick laminate 'UGM' Electric Blue/ 'UGM' Frosty White/ 'E-1761' Bleached Teak of make Sunmica/ equivalent shade in approved make on all exposed surfaces all complete as per drawings. The table shall have 8 mm thick toughened glass top and maximum height of table to be 350 mm. Writing table to be provided with 50 X 50 mm SS footrest fixed with 20 dia. SS bar and screwed to blockboard all complete as per Architect/ Engineer-in-charge. (REFER DRAWING):	Nos.	1.00		
27	Providing and supplying of Corner / side table of average size 2.25 feet X 2.25 feet, with wooden top (18 thk) finished with 1 thk. laminate, and having lower shelf made of 12 thk. tampered clear glass, as design and drawing and as per the shade and finish approved by client; at desired location all complete in all respect. Table top to be provided with 12 thk clear tampered glass (side edges bebbled). Cost of this glass included with in this item of work.	each	1.00		

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28	<p>♦Providing, supplying & making of Meeting room table average size of table : [(L)- 1800 X 750 (W)-X 750(H)].</p> <p>♦Structurally the table will be made of commercial plywood / block board. All the commercial ply wood / block board should be anti termite treated / termite proof.</p> <p>♦The vertical supports will be made of 19 thk ply wood, table tops shall be made of 25 thk block board, table apron (if any) to be made of 19thk plyboard, with necessary leaping where ever required. All the joints (of plywood / block board) to be fixed with adhesive and nail of appropriate size.</p> <p>♦The table top (partially) & edge thickness of table top, to be finished with 12 thk white coarian (dupont / LG or higer as per SBI Approval), will be paid separately.</p>	each	1.00		
MISCELLANEOUS:-					
29	Providing and fixing of satin brush finish stainless steel lettering in 18 gauge sheet (SS-304 grade) of required size and shape including fixing with necessary stainless steel nuts and bolts/ araldite including stainless steel welding as per approved architectural drawing etc. all complete as per direction of Engineer-in-charge.	per square inch	624.00		
30	Supply, Fabrication and Installation of Corian Dupont/ Luxor Durlax/ LG of ' Salt (Translucent series), Azure & Diamond Blue ' 12 mm thk. applied on Table top, Sides, Wall, Logo and the like. The edges to be joined should be straight, smooth and clean. Joints should only be made with joint adhesive for Dupont Corian. All corners of a cutout must be rounded to 5mm radius and the edges smoothed, both on top & bottom, all around a cutout. "L" & "U" shaped corners need smooth 5 mm radius inside corner all complete as per the the directions of the Architect/ Bank's Engineer. Note:- Finished area shall only be measured for payment.	Sqm	17.00		
31	Providing and fixing high quality polyster based 3M Glass Deco film (lazer cut) in graphic pattern including labour, wastages etc. all complete as per instructions of Architect/ Bank's Engineer.	Sqm	37.00		
32	Supplying & installation of roller blinds (premium range, semi transparent with woven pattern, monochrome colour- Vista model no: FAWN-552) for windows made of synthetic, washable fabrics of Vista or higher make (to be approved by SBI / Architect); all complete and inclusive of taxes etc. as per the directions of the Architect; all complete for smooth functioning. Including proving and fixing of Pelmet made of ply board 150 wide, anti termite treated, finished with laminate 1 thk, edges to be finished with PVC tape matching with laminate colour, with required py board supports in between as per site requiremet and as mentioned in drawing; all complete in all aspect.	Sqm	45.00		
33	Supply & fixing of Aluminium Composite Panel (ACP), 4 mm thick in required colours for exteriors consisting of two layers of aluminium skins of 0.5 mm thick sandwiching a thermo plastic core in continuous lamination process with PVDF coating for exterior grades ensuring long colour and no fungal attacks of make Alukobond/ Eurobond or approved equivalent. Base frame work with aluminium sections shall be fixed over finished plaster and the above aluminium panels shall be fixed to the frame work as cladding including cost of labour, materials, accessories, adhesives, scaffolding, wastages, transportation, taxes, fixing in to a neat finish with FOLDING SYSTEM and without any undulations in facias all complete as per drawing and instruction of Engineer-in-charge.	Sqm	123.00		

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34	<p>◆Providing and fixing of pin board (made of soft core board, covered with thick cotton cloth from front and sides without any wrinkles; through glue and wood stapler guns). The pinboard n board can be of any shape and to be fixed on wall panelling or partition surface; with all necessary hardware items, all complete as per design and instruction of architect.</p> <p>◆The entire surface to be wrinkle / bubble free and the cloth to be fixed in very tight and neat manner.</p> <p>◆Shade & quality of finishing cloth, will be followed as per drawing, list of approved makes & on site approval.</p> <p>◆Rates are inclusive of all related items & works. Only the front surface (front elevation) will be measured for mesurement.</p>	sqm	13.00		
35	<p>Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete : Made of Pine wood (finished with melamine polish) : 75 x 20 mm (max size) max width 100 mm</p>	RMT	399.00		
36	<p>◆Providing and fixing decorative rafters, projections (as per design , variable in size and shape, primarly rafters and fins) as per design & drawing in different locations as per design and drawing.</p> <p>◆Variable size, but maximum llimited upto 200 mm deep, 75 mm wide and length as per site condition and design requirement.</p> <p>◆The decorative projections are to be made of 12 thk MDF with necessary internal supports and joined with glues.</p> <p>◆The decorative projections are to be finished with 1 thk laminate (shade as per approved / mentioned in design) from all sides and to be fixed at any locations with all necessary hardware supports, all complete in all respect.</p> <p>◆Rafters may be fixed at ceiling or at wall panelling or at any locations at all height upto 3.5 mts from surrounding FFL., All inclusive, complete work</p>	RMT	11.00		
37	<p>◆Providing, supplying & making of Center table average size of table : [(L)-1100X 500(W)-X 450(H)].</p> <p>◆Structurally the table will be made of commercial plywood / block board. All the commercial ply wood / block board should be anti termite treated / termite proof.</p> <p>◆The vertical supports will be made of 19 thk ply wood, table tops shall be made of 25 thk block board, table apron (if any) to be made of 16thk ply wood, with necessary leapling where ever required. All the joints (of plywood / block board) to be fixed with adhesive and nail of appropriate size.</p> <p>◆The table top & edge thickness of table top, to be finished with 1 thk laminate (as mentioned in drawing) and 12 thk clear galss, beveled edge from all sides.</p> <p>◆All the internal surfaces of the table shall be finished with 0.75 thk white leminate. The table will be provided with verticle support, table-top, wooden foot support, front apron, side edging,pop up box, cable manager, etc as mentioned in drawing..</p> <p>◆All the visible cut edges (if any) of ply wood members of any parts of the table will be finished with 8thk MDF board lipping, & enamel paints. All Complete in all respect.</p> <p>◆All visible surfaces of the table unit where lacquered glass or corian are not getting applied, will be finished with 1 thk laminate, as mentioned in drawing.</p> <p>◆Shade & quality of finishing material, hardware items, placement, construction detail will be followed as per drawing, list of approved makes and asper on site approval.</p> <p>◆Payment will be made on each piece of table basis. All costs inclusive</p>	nos	1.00		

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
38	Providing and fixing of skirting at floor level, on wall paneling and over partition walls; made of 15 thk commercial ply and finished with laminate, 1 thk. (shade as mentioned in drawing) and top part of the commercial ply edges to be finished with 15 thk teak wood beading, tapered edge and finished with DUCO paint (MAAT finish); shade as mentioned in drawing; all complete in all respect.	RMT			
	Skirting -75 to 100 mm Height (as per site requirement)		124.00		
39	Supply, installation, balancing and commissioning of site fabricated GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required				
	24 G (Up To 750 mm)	sqm	16.00		
40	Providing and fixing of ready made factory made Trap doors (avg size : 750-L X 600-W) , made with metal frame, finished with powder coated paint matching with shade of false ceiling colour and to be fixed with Gypsum board ceiling in flushed manner, with locking arrangement and with all required hardware fittings, as per manufacturers specification for smooth functioning of the door. The door panels / shutters are to be made of WPC sheet and to be finished with acrylic paint, shade same as of false ceiling, all complete as per manufacturer's specification, all complete. barnd : IQUBX or similar as per tender & approval by SBI engineer.	each	4.00		
41	SALVAGE:- Dismantling, removal and buyback of existing tables, chairs, full/ low height wooden & aluminium partition , full/ low height storage specific to the site, exiting wooden / flush door shutter, false ceiling, sanitary fixtures, getting removed & including transportation etc. and making the area free from all debris and complete site clearance to start new works as per the instructions of SBI / Architect of the said project. The approx quantity is as stated below: (Reserve Price = Rs. 35,000 for complete site - 2 floor). Any item of record, store, cash and strong room are not included with in this item of work. Contractor should visit the site for crosschecking the items (condition, location, qty etc) at site, all will be as per site condition and will be variable as per site condition and decision of SBI engineer.	Job	-1.00		
	Approx items: (+) Single window counter table : 6 nos (1100 X 600) (+) Officer table - 8 nos (1000 X 650) (+) Officer table - 8 nos (1400 X 600) (+) BM table - 1 nos (1750 X 750) (+) Lunch room table - 1 nos (1500 X 750) (+) Full height partition - 21 mts approx (+) Partition inform of pantry area (+) Aluminum partition (low height) in front of counters (grahak mitra), full height (aluminum partition upto 7 feet height and upper part made of MS jali in front of counter 1,2,3) ..etc as per site condition				
TOTAL FOR INTERIOR WORKS					

CIVIL WORKS

1	Providing and laying PCC 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), at any location and height, including shuttering work (if required); all complete				
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S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
		cum	4.00		
2	Removing of existing floor tile, duming malba to dumping ground, preparation of base and Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade,in floor, skirting, riser of steps, over 25-40 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments, to be fixed with 3 mm spacers and joints to be filled with company made grouting etc. complete.	sqm	418.00		
	Vitrified tile: Eternity series Kajaria, polished nano tech, size - 60X120, SILVIA, or similar as finally approved by SBI				
3	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	35.00		
4	Removing existing wall tiles, cleaning & preparing the base wall for refixing of tiles, removal of malba to desired location as per instruction of site engineer and Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	212.00		
	Kajaria CUBICA BEIGE; 300 X 600; for highlighting wall (back of WC and wash basin area) and CITY GREY; 300 X 600; for rest of the walls upto ceiling height; or similar as finally approved by SBI.				
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor X level.				
	Cement mortar 1:3 (1 cement :3 coarse sand). 8 Dia TMT bar @ 2nos at every alternate 2nd brick layer along entire length to be provided.	sqm	94.00		
6	15 mm cement plaster on the rough or plain side of single or half brick wall of 1:4 (1 cement: 6 fine sand)	sqm	187.00		
7	Removal & Re- plaster 15 mm cement plaster on the rough or plain side of single or half brick wall of 1:4 (1 cement: 6 fine sand)	sqm	25.00		
8	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.	sqm	48.00		
	Granite of any colour and shade				
	Area of slab over 0.50 sqm				

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
9	Providing and fixing Stainless Steel A ISI 304 (18/8) water cooler sink fixed with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : sink size : 610 x 400 mm bowl depth 200 mm	each	1.00		
10	Providing and fixing sink connector (UPVC) as per manufacturer specification : sink to Floor trap	each	1.00		
11	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	each	13.00		
12	Providing and fixing floor trap (PVC) of self cleansing design with screwed down or hinged ss grating with or without vent arm complete, including cost of cutting and making good the walls and floors, all complete : 100 mm inlet and 100 mm outlet Sand cast iron S&S as per IS: 3989	each	16.00		
13	Providing and fixing soil, waste and vent pipes, including Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) and Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc.				
	75 mm dia Sand cast iron S&S pipe as per IS: 1729	rmt	42.00		
14	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
14.1	15 mm nominal outer dia Pipes	rmt	20.00		
14.2	20 mm nominal outer dia Pipes	rmt	15.00		
14.3	25 mm nominal outer dia Pipes	rmt	30.00		
14.4	32 mm nominal outer dia Pipes	rmt	68.00		
15	Providing and fixing brass stop cock of approved quality ◆15 mm nominal bore	each	34.00		
16	Providing and fixing of health faucet and connecting the same with water pipes with all necessary accessories including concealing the water pipes all complete in all aspects, fully functional; Hindware, Cat. No.: F160110; Brisk Health Faucet ABS withRubbit CleaningSystem, 1.25 m Long PVC; flexible Tube & ABS Wall Hook; or higher model as per approval by SBI	each	6.00		
17	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, low level flushing cistern with fitting and brackets (if require), flush bend, over flow pipe (as per manufacturer's specification), and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets (if require), cutting and making good the walls and floors wherever required:	each	6.00		

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
	White vitreous clay made with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend, with required traps, Single piece, Monolithic wall mounted type. Brand : hindware / Grohe / Kohler; (model - as per approval by engineer / architect)				
18	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively connected with main water supply pipe, controlled with control valve and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :	each	7.00		
19	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with 2nd class teak wood moulded frame (50 wide, 25 thk) of approved make & design shade with 6 mm thick hard board backing, frame to be finished with enamel paint, satin finish of approved shade:	sqm	10.00		
20	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	each	6.00		
21	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	each	7.00		
22	Providing and fixing Rob Hook; shape and size as mentioned in model no by manufacturer, of approved quality and colour,	each	7.00		
23	Providing and fixing wash basin with C.I. brackets (if require) / or to be fixed on RCC platform (as per instruction of architect / engineer), 15 mm C.P. brass pillar taps(mixer type), 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:	each	7.00		
	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps (hot & cold - mixer type) Brand: Hindware / Kohler / Grohe (as per approval by engineer / architect)				
24	◆Providing and fixing PTMT Bottle Trap for Wash basin and sink. ◆SBottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms	each	13.00		
25	Providing, supplying & application of water proofing chemical (as per manufacturer's specification), over plastered / RCC / PCC surface (in 3 coats) on wall or roof or at any other location and at all heights (as per site requirement) for effective water proofing of wall vertical surface, all complete in all respect (chemical : Star liquid membrane, Brand - STAR), including the cost scaffolding (if needed), the upper layer of the water proofing has to be finished with protective plaster layer (12 thk- 1: 3 mix) as per manufacturer's specification; all complete. The product has to be applied through approved vendor of manufacturer, and the vendor / contractor has to provide a warranty certificate for the product for minimum period of 3 years, on stamp paper. Approved Brand : STAR / PIDILITE / SIKA / BASF	sqm	21.00		

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
26	<p>Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :</p> <p>(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours.</p> <p>(b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.</p> <p>The product has to be applied through appoved vendor of manufacturer, and the vendor / conrtctor has to provide a warranty certifacte for the product for minimum period of 3 years, on stamp paper.</p> <p>Approved Brand : STAR / PIDILITE / SIKA / BASF</p> <p>The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.</p>	sqm	62.00		
27	<p>Providing and laying in position specified grade of reinforced cement concrete, including the cost of centering and shuttering & TMT bars as required - At all levels- for kitchen platforms & or any other similar works :</p> <p>1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)</p>	cum	2.00		
28	<p>Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.</p> <p>80x1.20 mm M.S. laths with 1.20 mm thick top cover</p>	SQM	19.00		
29	<p>Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.</p> <p>In door / window grills, gratings, frames, guard bar, ladder, railings, brackets, gates and similar works etc., as per drawing and requirement. This item of work to be finished with 1 coat of steel primer and 2 coats of enamel paint (shade as specified in drawing). All joints and edges are to be machine grided and smoothened before application of primer & paint. All complete for full functionality.</p>	kg	344.00		

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
31	<p>Dismantling / demolishing of :</p> <ul style="list-style-type: none"> ◆Doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts; fixed glazing, aluminum framed glazed opening etc., ◆Brick work, walls & PCC manually/ by mechanical means ◆tile or stone flooring by mechanical / manual means (as per site requirement); ◆Aluminum/ Gypsum /wooden / GI framed partition, wall paneling, existing furniture (wooden, plyboard or gypsum board cladded) manually or by mechanical means with all accessories ◆False ceiling (gypsum / grid / metal grid) with all accessories ◆All electric fixtures ◆Kitchen / pantry & toilet accesories ◆ or any other fixture / material / wall / civil work related item as existing at site (to be confirmed & examined by contractor at site before quoting rate) ... all inclusive <p>Including stacking of serviceable material and disposal of unserviceable material (moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material) by mechanical transport including loading, transporting, unloading to approved municipal dumping ground, complete as per directions of Engineer-in-charge.</p> <p>This item includes all works related to clearing the site in all respect for new interior, electric, hvac & civil works; nothing will be paid extra.</p> <p>All dismantled items will be the property of SBI, and to be stored as per instruction of SBI's engineer / officails as per their instruction, wiith in the same premise.</p> <p>Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more. All permits and approval for any administrative body or from poillice or any other responsible agency for the job, will be the responsibility of the contractor.</p>	Job	1.00		

TOTAL FOR CIVIL WORKS

ELECTRICAL WORKS

NOTE :					
	Dismantling and removing electrical fittings and fixtures along with wiring / lan connectivity in phased manner, as per site conditions, with provision of temporary lights and lan connectivity to keep the floor operational and live at all times during renocvation work.	LS			
A	POINT WIRING				
1	<p>Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (wherever required) and chromium plates brass screws/ rowel plug etc. The price includes here GI modular box, Modular plate & modular switches of suitable modle size as per approved drawings & specifications. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq.mm PVC insulated 1100 V grade multi- stranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.</p>				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
i	One light points controlled by one 6 amp. Modular switch.	Nos.	23		
ii	Two light points controlled by one 6 amp. Modular switch.	Nos.	25		
iii	Three light points controlled by one 6 amp. Modular switch.	Nos.	22		
iv	Four light points controlled by one 6 amp. Modular switch For cove light.	Nos.	20		
vi	One call bell point with ceiling rose/ 6 amp. 3 pin socket with modular box & plate etc and controlled by one 6 amp Push Modular switch. The price excludes herewith call bell of approved make & specification.	Nos.	1		
vii	One wall fan / exhaust fan point with 6 amp 3-pin socket includes modular metal box & plates etc and controlled by one 6 amp. Modular switch. The switch should be at switchboard level.	Nos.	30		
viii	A group of light/fan points controlled by one PIR cum occupancy sensor and one 20AMP modular switch (BM room / Locker room)	Nos.	2		
2	6 AMP plug points				
	<i>Main specification as above for wiring / conduits, but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit).</i>				
a	Primary Point	Nos.	13		
b	Secondary Point looped	Nos.	18		
3	POWER POINTS				
	<i>Main specification as above for wiring / conduits, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1st socket and 1st to 2nd socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly) max 3 points per circuit.</i>				
a	Primary Point	Nos.	21		
b	Secondary Point	Nos.	28		
4	AC POINTS				
a	Main specifications as above for wiring/conduits but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box(tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer/AC control switch to the point near the indoor unit and then to outdoor unit.	Nos.	7		
b	Main specification as above for wiring/conduit but wiring for A/C socket by using 4*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type to be laid up to Outdoor Unit with 4 way SPN DB complete in all respects controlled by with 32 Amp (10 kA) TPN MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit and then to indoor unit.	Nos.	3		
5	COMPUTER / UPS POINTS				

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch & one LED indicator with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch with indicator should be fixed above the top of counter with indicator and sockets under the counter with indicator, looped from the above 1st point to 2nd point and 2nd point to 3rd point (maximum 3 points in circuit).				
i	Primary Points	Nos.	7		
ii	Secondary Points	Nos.	13		
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick PVC conduit from UPS DB to computer point. Each point to have 1 nos. 6 amps 5 pin modular type sockets, One (1) No's 6 amps modular switch & one (1) indicator with all accessories, inner/ outer plates , metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch with indicator should be fixed above the top of counter and sockets under the counter with indicator (at single window counter for GCC machines).				
	Looped from the above 1st point to 2nd point and 2nd point to the 3rd point (maximum 3 points in a circuit).				
i	Primary Points	Nos.	3		
ii	Secondary Points	Nos.	6		
c	UPS points as above (a) but each point to have 1 nos. 16 amps. 5 pin modular type sockets, 1 no's 16 amps modular switch with all accessories. The switch should be fixed above the top of counter and sockets under the counter or as directed by the engineer incharge for the rack supply in server room, PA rack, CCTV. looped from the above 1st point to 2ndpoint (maximum 2 points in a circuit).				
i	Primary Points	Nos.	1		
ii	Secondary Points	Nos.	1		
7	TELEPHONE SYSTEM				
a	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	19		
b	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing & fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
i	Supplying & fixing 25 pair krone tag block with enclosure.	Nos.	1		
ii	P/L 10 pair of PVC insulated sheathed multi core jelly filled armored telephone.	Mtrs.	15		
8	COMPUTER NETWORKING				
	Wiring for computer networking from I/O hub to computer worksatation with Cat-6 computer cable including providing ferrules at both ends and termination at both ends including providing & fixing frame for CAT-6 with shutter. High speed outlet, faceplate & mounting box complete of modular type. this also includes supply and laying of PVC conduit throughout the route of CAT-6 cable from the I/O hub to the point.	Nos.	27		

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
i	Supplying and fixing 12 U {Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key}.	Nos.	1		
ii	Supply, installation, testing & commissioning of 24 port jack panel.	Nos.	2		
iii	Supplying and fixing of patch cord - 2 meter (DBPS mounting cord - 7 feet)	Nos.	15		
iv	Supplying and fixing of patch cord - 1 meter (DBPS mounting cord - 3 feet)	Nos.	25		
v	Supplying and fixing of 1.6 mm thick GI box along with RG 6 Coaxial cable in 2 mm thick PVC conduit with TV socket with cover plate.	Nos.	1		
9	CABLES, MAINS & SUBMAINS				
	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit must be 30 mm below the floor finish level (Circuit from UPS output DB to UPS distribution DBs)				
i	2C X 6 sq.mm. + 1 X 6 sq.mm cu wire (for UPS out-put DB)	RM	80		
iii	1X8 SWG copper Earth wire in PVC conduit for loop earthing	RM	50		
iv	Supplying, laying, testing & commissioning of 4C X 10 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 SWG GI earth wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Power & Server room DB).	RM	130		
v	Supplying, laying, testing & commissioning of 4C X 16 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 SWG GI earth wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Main panel to VRF/ AC DB).	RM	20		
vi	Supplying, laying, testing & commissioning of 3.5C x 95 sq.mm. at 1100 volts PVC insulated aluminum conductor armoured cable with 8 SWG GI earth wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Mains from Service line & DG to MLT panel). The actual cable length may vary and its depends upon the actual DG location & service line connection location.	RM	80		
9.A	Cable Tray and Raceways				
	Supplying and fixing of following size of Perforated pre paited ms Cable Trays with perforation not more than 17.5% in convenient section, joined with connector, suspended from the ceiling with M.S. suspenders including bolts & nuts, paiting suspenders etc as required. Rates shall be included tee, band reducers etc				
i	300x50 mm, 2mm thick Cable tray (For Submain Incoming)	RM	10		
ii	150x50 mm, 2mm thick Cable tray (For Submain Incoming)	RM	60		
10	DISTRIBUTION BOARD & ISOLATORS				
	Supplying, installing, testing & commissioning of surface/recessed mountings, Double door type 415 volts TPN MCB distribution board of steel steel, 1.6mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire boxl, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.				

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e type B,C,& D. Contractor to select the MCB's accordingly as per the nature of the circuit / load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 160 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring within the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.				
	Inside each DB, a DB chart is to be fixed.				
	All wires/cables to be connected through gland only.				
a	4-way TPN DB LPDB	Nos.	2		
	Incomer				
	1 nos 32A FP RCCB (100 MA)				
	Outgoing				
	12 Nos 10/16/20 Amp (10 KA) SP MCB				
b	6-way TPN DB LPDB	Nos.	2		
	Incomer				
	1 nos 40A FP MCB + 40A ELCB (100 mA)				
	Outgoing				
	18 Nos 10/16 Amp (10 KA) SP MCB				
c	4 way TPN DB for ACDB	Nos.	2		
	Incomer				
	1 nos 40 AMP FP MCB				
	Outgoing				
	12 nos 25/32 AMP (10 KA) SP MCB				
d	4 way TPN DB for UPS INPUT	Nos.	1		
	Incomer				
	1 nos 63 AMP FP (10 KA) MCB				
	Outgoing				
	3 Nos 40A DP MCB				
e	8 way SPN DB (for UPS sub DB)	Nos.	1		
	Incomer				
	1 Nos 40 AMP SP RCBO (100 mA)				
	Out going				
	4 Nos 10 AMP (10 KA) SP MCB				
	1 Nos 32A DP MCB				
f	8-way SPN DB (for UPS sub DB)	Nos.	1		
	Incomer				
	1 nos 32 AMP SP RCBO (100 mA)				
	Outgoing				
	6 Nos 10 Amp (10 KA) SP MCB				
g	8 way SPN DB LPDB	Nos.	2		
	Incomer				
	1 nos 32 AMP DP RCBO (100mA)				
	Out going				
	6 nos 10/16 AMP (10 KA) DP MCB				

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
h	6 way SPN DB (for UPS sub-DB)	Nos.	1		
	Incomer				
	1 nos 32 AMP SP RCBO (100mA)				
	Out going				
	4 nos 10 AMP (10 KA) DP MCB				
11	Light fittings & accessories (Only commercial type fixtures only)				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixures should be covered with minimum 3 Years onsite replacement warranty).				
i	2 X 2 LED 36 Watt	Nos	25		
ii	15 W LED Commercial type down lighter	Nos	66		
iii	15 W LED Commercial type down lighter	Nos	78		
iv	15 W LED Surface round type down lighter	Nos	15		
v	Supplying, fixing, testing and commissioning of LED batten light of 9W 600mm fixture length, surface mounted make As specified in tender document or approved by bank.	Nos	9		
vi	LED recessed / surface mounted / hanged from RCC ceiling 20 watts profile lights of 4 feet individual length joined together complete and necessary installation fittings LED colour & make as specified in tender document or approved by bank.	Nos	28		
viii	Cove light				
b	2 FT	Nos	4		
d	4 FT	Nos	156		
viii	Wall mounted fans 400 mm dia make as specified in tender document or approved by bank (metal body).	Nos	10		
ix	Supply & fixing of 230 mm exhaust fan 'Ventilator DX W' with self closing louvers and plastic body with all accessories etc. complete of make as specified in tender document or approved by bank.	Nos	13		
12	EARTHING SYSTEM				
	Supply, installation, testing and commissioning of water less maintenance free earthing system based on pre casted conductive earthing electrode . Dimensions Length X Dia (MM) : 2000 X 100 with 15 MM Solid conductor (CU) Conduction: Non ionic movement of IONS multi point dissipation Contacts exceed grade 25 Concrete Environment: PH neutral Internal Material 'Relative Density : 890-990 KG / M3 3000 times more effective then Bentonite Electrolytic corrosion Resistance : 86 % reduction in corrosion short Circuit Current (tested) : Peak 40 KA RMS : 22 kilo AMPS for 1 sec. Mechanical strength: Grade 25 Concrete High Fault Current Test withstand: 1686 V for 500 ms Standards : IEEE 80: 2000 & BS 7430 Warranty : 10 years full replacement Life of earthing : 25 years respectively Make: KRATONITE / MARCONITE / KARANITE (Include chamber for earthing, earthing certification to be submitted along with bill)	Nos	4		
i	Providing and fixing of copper strips in surface of in recess for loop earthing etc. As required.				
a	25 mm X 3 mm copper strip in B class GI pipe	RM	130		
b	25 mm X 5 mm GI strip	RM			

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
ii	Providing and fixing 2 X 8 SWG dia. CU earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface / recess cables as required.	RM	50		
13	MAIN PANEL & METER BOARD				
	Designing, fabrication, supply, installation, testing and commissionings of front operated cubicle type compartmentalised, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) locable doors having structural reinforcement including 3mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 nos earth terminals, 2 nos 230V AC operated 250mm X 250mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc as per specifications as required. main panel board of approved make (NEPTUNE / TRICOLITE / SUPER TECH POWER CONTROL / AMPTECH approval as instructed by the SBI / Architect) as per the following specifications,				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoing feeders doors and switch handles shall be locable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All kA values indicated shall be lcs breaking capacity				
	GA drawings shall be got approved by SBI				
A	INCOMING:				
	Incomer from main panel bus Bar				
	1 NOS, 160 AMP 4 P MCCB (25 KA) with extendable handle 1 NOS 160 AMP 4 P ON LOAD change over switch				
	BUS BAR:				
	200 AMPS TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips.				
	INDICATING PANEL:				
	Digital flush type class - 1.0 accuracy multifunction meter showing V, A, PF etc. with 3 nos. current transformers of 160/5A ratio, 10 VA class-1.0 metering - 1 sets.				
	1 set of R-Y-B three phase LED indicating lamps along with 2 A SP MCB backup protection.				
	OUTGOINGS :				
	2 NOS 63 A TPN MCCB (25 KA) terminals suitable to receive cable on one side wire connections to Bus bars.				
	6 NOS 40 A TPN MCCB (25 KA) (individual compartment) terminals suitable to receive cable on one side and wire connection to bus bars (for ACDBs, LPDB).				
	2 NOS 32 A TPN MCB (10 KA) terminals suitable to receive cable on one side and wire connection to Bus bars (For Maintenance of signage)				
B	The Electric Panel as described above and specifications complete.	SET	1		
C	Supplying, Installation, testing & commissioning of 25 KVAR, 6 step APFC relay panel auto - operation and power factor should be nearing unity complete as required including all contactors, relays, indicating units. As required at site". Capacitor make : ABB / Siemens / Neptune	SET	1		
	6 NOS of capacitor duty contactors				
	1 NOS 10 KVAR MPP type heavy duty capacitor banks along with 1 nos 32 A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link.				

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
	2 NOS 5 KVAR MPP type heavy duty capacitor banks along with 2 nos 25 A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link.				
	2 NOS 2 KVAR MPP type heavy duty capacitor banks along with 2 nos 16 A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link.				
	1 NOS 1 KVAR MPP type heavy duty capacitor banks along with 1 nos 10 A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link.				
14	PUBLIC ADDRESS SYSTEM				
1	Supply and Fixing of ceiling speaker (6W) alongwith laying & wiring of 1.5 sq mm twin core shielded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/ exposed in F.Ceiling/ Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3 mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit	Nos.	8		
b	Power amplifier, 70 watts with output transformer etc. complete. AHUJA / PLENA Range or as approved by the bank capable of taking from USB also.	NOS	1		
c	6 U equipment rack complete with monitor unit, speaker, poer supply control etc. President make suitable for 1 X 100 watts amplifier system with all terminating set up.	NOS	1		
	TOTAL FOR ELECTRICAL WORKS				

HVAC WORKS

SPLIT TYPE AIR CONDITIONERS					
1	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Toshiba/ Mitsubishi/ Hitachi/ Daikin/O-General) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (evaporator coil – copper only) , fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R32/ R-410. All complete as per drawing, approval and instructions of the Architect/ Employer (Rates to be inclusive of Copper refrigerant pipe with insulation, interconnecting cable and Drain pipe up to 3 Mtr length). Item to include powder coated outdoor stands as per the manufacturer specifications.				
a	1.0 TR wall mounted split unit (Minimum 5-Star rating inverter type) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	2.00		
b	1.5 TR wall mounted split unit (Minimum 5-Star rating inverter type) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	3.00		
c	2.0 TR Cassette AC Ceiling suspended Cassette type split unit with 4 way/ round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	2.00		
d	3.0 T Cassette AC Ceiling suspended Cassette type split unit with 4 way/ round air flow including all necessary fittings and mountings as specified by the manufacturer (Three phase).	Nos.	2.00		
e	4.0 TR Cassette AC Ceiling suspended Cassette type split unit with 4 way/ round air flow including all necessary fittings and mountings as specified by the manufacturer (Three phase).	Nos.	1.00		

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
2	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0 TR/ 2.0 TR Split type AC and 2.0 TR/ 4.0 TR Cassette AC (From Indoor to outdoor Units).				
a	For 1.0 T as specified by the manufacturer	Mtr.	17.70		
b	For 1.5 T as specified by the manufacturer	Mtr.	38.00		
c	For 2.0 T Cassette as specified by the manufacturer	Mtr.	23.00		
d	For 3Tand 4T Cassette as specified by the manufacturer	Mtr.	40.00		
3	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	43.00		
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	65.00		
4	Providing and fixing Stabilizer with 3 step relay and input voltage range of 140-280 V and output to be 230 V (Blue bird/ Logic state/ Inline/ V-gourd) (copper winding).				
a	4 KVA (For 1.0/ 1.5 TR Split AC)	Nos.	5.00		
b	5 KVA (For 1.0/ 1.5 TR Split AC)	Nos.	1.00		
5	Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 5" c/c welded with 40 X 3 mm MS flat all- round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.				
a	For 1.0/ 1.5/ 2.0 TR Hi Wall split units	Nos.	6.00		
b	For 2TR, 3TR & 4 TR ceiling mounted cassette unit	Nos.	4.00		
6	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0 TR/ 1.5 TR/ 2.0 TR single phase AC type.	Mtr.	98.00		
7	Supplying and laying of Extra Electrical interconnecting control cables from indoor to outdoor of size as specified by the manufacturer suitable for 3.0TR & 4TR Cassette type AC.	Mtr.	49.00		
8	Supplying, installation and commissioning of automatic 24 HRS. programmable TIMER of required capacity to run A.C. alternately (MDS/ L&T/ Other reputed make).	Nos.	1.00		

S. No.	Technical Description	Unit	Total Qty.	Rate	Amount
9	<p>SALVAGE / BUYBACK item:</p> <p>◆Dismantling, removal and buyback of AC units & associated materials (stabilizer, pipe etc) at site, along with AC units (split and window AC units, as in where condition basis); including transportation of the dismantled items (including loading & unloading) and making the site free from all debries and complete site clearance to execute new design scheme at site, as per instruction of SBI / architect of the project.</p> <p>◆Site to be inspected by contractor before quoting price, no clarification / justification regarding lack of understanding about the item of works will be entertained later-on, Bank's engineer's / architect's decision will be final.</p> <p>◆(Reserve Price = Rs.30,000) Total split AC units - 8 nos Window AC units - 5 nos.</p>	NOS (LS.. basis)	-1.00		
	TOTAL FOR HVAC WORKS				
<p>Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST</p>					