

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 1	Providing and fixing in position Telephone Stand of required size made out of 12mm thick commercial plywood of approved make with 6.00 mm thick teak wood lipping of required shape from all sides with 1.00 mm thick plastic laminate on top of required colour mounted on teak wood patti/ bracket of suitable size for fixing on wall for single telephone, polishing with french polish for non laminated area etc. all complete as specified and directed.		
CARP 1 a	9 inch x 10 inch single telephone stand.	Nos	329.18
CARP 1 b	9 inch x 20 inch for double telephone stand	Nos	470.25
CARP 1 c	9 inch x 20 inch with box telephone stand	Nos	752.40
CARP 2	Providing and fixing in position Shelf of required size made of 19mm thick ply of approved make with T.W.lipping patti of 6mm thick of required size to all exposed surface with 1.5mm approved laminated on top of the shelf mounting over the bracket made out of 40mm x 40mm T.W section bracket with french polish to all non laminated surface with bracket.Etc.complete all specified and directed by Engineer-in-Charge.		
CARP 2 a	Shelf made out by 19mm plywood with brackets at 1.00 m center to center.	Sqm	2,884.51
CARP 2 b	Shelf made out of 18mm Ecoboard plain prelaminated board with bracket at 1.00m.center to center.	Sqm	1,881.00
CARP 3	Providing of foot rest made out of 12mm commercial plywood of approved make 18 inch x 12 inch to required angle and height including providing 6mm thick T.W.beeding all around the exposed edges and making necessary cut outs/openings both sides of the foot rest as per site requirement and polishing with french polish or with 0.8mm thick formica to desired finish etc. complete as per specified and directed by Engineer-In-Charge.	Nos	940.50
CARP 4	Notice Board providing and fixing notice board made out of 1inch x 2 inch thick teak wood frame work with 6mm thick commercial plywood of approved make and quality for back above that soft board of .5 inch thick pasted with approved adhesive and covered with tepastry felt cloth (jute fibre) required colour glass door-shutters consisting of 1.5 inch x 1 inch thick teak wood frame with 3mm thick clean glass fixed with T.W. beeding patti both side and fixing with brass hinges of required size including acrylic knobs of 1inch dia. Locking arrangement with godrej multi purpose locks 2inch brass tower Bolts, back catch in case of double shutters including french polishing 2 coats as specified all over wood surface etc.all complete as specified and directed to the satisfaction of Engineer-In-Charge.		
CARP 4 a	For single shutter	Sqm	3,166.66
CARP 4 b	For double shutter	Sqm	3,479.85
CARP 4 c	Open type notice board.	Sqm	1,598.85
CARP 5	KEYS HOLDING CABINET: cabinet providing and fixing Key board made out of 1 ½ inchx2 inch thick teak wood frame with 12mm thick ply of approved make for back fixing ½ inch Dia brass C.P. cup hook at required spacing on back ply. Door shutters single or double leaf consisting of 1 ½ inch x2 inch thick T.W.bedding pattles from both sides and fixing with brass hinges of required size with necessary ball catch, acrylic knons of 1inch dia locking arrangement with godrej multi purpose lock, 2 inch brass tower bolts in case of double shutter including french polish of 2 coats of required shade all over wood surface including providing necessary wall mounting hardware etc. all complete as specified and directed to the satisfaction of Engineer-In-Charge.		
CARP 5A	For single shutters.	Sqm	3,291.75
CARP 5B	For doubte shutters.	Sqm	3,762.00
CARP 5C	Open type.	Sqm	1,881.00
CARP 6A	Providing wood work with 1st Class C.P. teak wood in frames for doors windows, ventilators, Air-condition frames, clear story window, false ceiling and partitions etc.wrought framed and fixed in position including applying one coat of approved wood primer to the exposed surfaces and tow coats of bitumastic paint to the surface of wood in contact with masonry/concrete etc.complete.		
CARP 6A a	In frames of doors, windows, ventilators and clear storey windows etc. fixed with M.S hold fast of size 40x3mmx150mm long bend to shape and embeded in cement concrete 1:2:4.	Cum	93,109.50

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 6A bi	In frames of false ceilings and partitions frames of air condition unit etc. with 2nd class teak wood any size.	Cum	79,810.83
CARP 6A bii	salwood	Cum	71,062.30
CARP 6B	Labour charges only for fixing available wooden frame work for door/windows modified with required size with necessary cutting making groove for shutters or adding addition battens to make frame ready to fix. Providing M.S. hold fast of size 40mm x 3mm x 150mm long bend to shape and embedded with cc and painting two coats fo bitumestic paint to sides of frame coming in contract masonry/concrete etc.complete.		
CARP 6B a	Door frame	Sqm	310.37
CARP 6B b	Window frame.	Sqm	310.37
CARP 7A	Providing and fixing in position/flush door of shutters block board solid core internally lipped bonded with water proof type synthetic resin hot pressed with marine ply finished on both faces including prov. And fixing teak wood lipping on all sides with making necessary vision pannel of required size by using 4mm thick plain or frosted glass with T-W lipping patti all around ,fixing heavy duty approved make 4 levers mortice lock of deco with pair of handle of approvd make and quality brass/S.S. fittings such as hinges, tower bolts, of approved make fixing fixtures locking arrangements with screws etc. applying one coat of approved wood primer etc. all complete as specified and directed by Engineer-In-Charge.		
CARP 7A a	Door shutters with locking arrangement 4 lever mortice lock with handle set of approved make.		
CARP 7A a i	25mm thick	Sqm	3,150.68
CARP 7A a ii	32mm thick	Sqm	3,536.28
CARP 7A a iii	40mm thck	Sqm	3,856.05
CARP 7A b	Door shutter with locking arrangement of S.S.aldrop 12 inch long heavy duty.		
CARP 7A b i	25mm thick	Sqm	2,821.50
CARP 7A b ii	32mm thick	Sqm	3,244.73
CARP 7A b iii	40mm thick	Sqm	3,573.90
CARP 7B	Labour charge only for removing and re-fixing available door shutter with necessary modification including cutting the existing shutter providing leeping patti all around the shutter if required including removing and refixing availbale old hinges, mortice lock, tower bolts ect. fixing aligning the door shutter in proper plumb and level etc. complete all as per specified and directed by Engineer-In-Charge		
CARP 7Ba	Removing and refixing door shutter	Nos	752.40
CARP 7Bb	Only fixing available door shutter with necessary repairing	Nos	846.45
CARP 7Bc	Only removing door frame (Toilet)	Nos	235.13
CARP 7Bd	Only removing window frame (Toilet)	Nos	188.10
CARP 7Be	Removing door frame with shutters all sizes	Sqm	141.08
CARP 7Bf	Removing windows with shutters all sizes	Sqm	141.08
CARP 7Bg	Removing only door / window shutter	Sqm	94.05
CARP 7 Bh	Removing m.s grill	Sqm	94.05
CARP 8 A	Providing and fixing door closer of Everite/Hyper/Godrej/Ozone make confirming to is 3564 (left or right) to the existing door shutter including cost of all other materials labour etc. all complete as specified and directed.		
CARP 8 A i	Door closer No.2 Everite /hyper/Godrej/Ozone	Nos	1,269.68
CARP 8 A ii	Door clsr No.3	Nos	1,269.68
CARP 8 Aiii	Archies make hold open arm door closer	Nos	2,633.40
CARP 8 B	Providing and fixing door closer arm of Everite/Hyper/Godrej/Ozone/Dorma make for door closer No. 2 and 3 with necessary alignment of door shutter etc. complete as specified and directed by Engineer-In-Charge.	Nos	188.10
CARP 8 C	Archies Approved make hold open arm door closer repairing work	Nos	235.13
CARP 8 D	Providing and fixing pelmet type door closer of ISI mark heavy duty to the existing door shutter including cost of all other materials labour etc. all complete as specified and directed.	Nos	3,291.75

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP9	Providing making and fixing in position Pelmet of size 125mmx125mm made out of 19mm thick commercial ply with Phenolformouldehyde bonded synthetic resin generally conforming to IS 3087 of approved make with 6mm T.W.lipping all round the edges and all exposed faces should be 1.5mm. thick plastic laminated of approved make. Aluminium heavy duty channel to be provided with Nylon/S.S.holes at every 6 inch intervals polishing to non laminated surface with two coats of french polish and G.I. eye holes fixing on wall as per requirement etc.all as specified and directed by Engineer-In-Charge.	Rmt	517.28
CARP 10	Providing making and supplying computer table made out fo 19mm commercial ply for table top, mounted on the vertical side fo 19mm commercial ply and cabinet made out of 19mm commercial ply for sides, shelves and shutters making concealed monitor arrangement by providing 8mm thick clear glass on table top of required size with edge polish as shown in drawing drawer and wooden approved key board drawer with heavy sliding channels, with handle for shutter,cable manager drawers all edges shall be lipped with 6mm thick T.W. lipping patti. All exposed faces should be 1.0mm thick laminate of approved colour and non laminated area should be french poll-shed including cost of other materials labour etc. as per drawing and as specified and directed by Engineer-In-Charge.		
10a	Computer table with all inner surface french polish	Rmt	5,184.04
10b	Computer table with all inner surface with 0.8 mm thick approved laminate	Rmt	5,643.00
CARP 11	Providing making fully drawer storage unit made up of 19mm thick commercial plywood with heavy duty sliding channel & with 6mm thick commercail plywood for back , 19mm plywood for top,bottom, shelves drawer front etc. side of drawer to be of 12mm thick & bottom to be as per requirement & bottom to be as per requirement. 1.0mm thick approved laminate to be fixed over exposed surfaces of the unit & non laminated area to be french polished. Hardware items such as lock, hinges tower bolt, handle to be of heavy duty & approved make only.	Sqm	9,405.00
CARP 11 A	Providing, fabricating and fixing at required location Lab type table consist of a) Table top of 750mm wide 25mm thick solid commercial plywood board with 6mm T.W. lipping to all exposed edges around the table tops also to have front facia 75mm deep with 18-19mm thick commercial ply of approved make with 6mm thick T.W.lipping and 19mm thick work commercial ply for support as per required at site or as shown in drawing with 6mm thick T.W.lipping patti for all exposed edges. All exposed surfaces should be 1.0mm thhick approved plastic laminated and non laminated surfaces should be two coats of french polished.	Rmt	7,053.75
CARP 12	Providing and fixing fishnet to the balcony Opening of approx. size 6mm x 1.2mm as per sample in white or light blue colour including providing making and fixing Aluminium hollow pipe frames of sizes 1 ½ inchx1 ½ inch for the full size of the balcony openings with two vertical mullions at equal distance fixing the fish net on the same frame with nails at close intervals covering the 110mm x 25mm all over edge.	Sqm	460.85
CARP 13	Providing and fixing gypsum board of 12mm Thick to the existing frame work in true Line and level) joints filled with plaster of Paris including cost of all other material (hardware) Labour etc all complete as specified and directed. (India Gypsum /saint goben)		
CARP 13 a	Making new Gypsum board false ceiling with frame work	Sqm	1,081.58
CARP 13 b	P/F only Gypsum board for old frame work	Sqm	611.33
CARP 13 c	Removing existing false ceiling of any material and any size with all necessary allied works, removing out debris out of TMH premises as directed by Engg-in-charge	Sqm	94.05
CARP 13 d	Repairing existing false ceiling by a. Removing any type of sheets changing rusted and runners clip, supenders, wall angles,		
CARP 14	Providing and fixing plain aluminium sheet of 20 swg to the doors partition etc Including cost of any other material labour Etc. All complete as specified and directed to the satisfaction of Engineer-In-Charge.	Sqm	940.50

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 15	Providing and fixing cabinet made up of 19 mm. Commercial ply of approved make for top, bottom, sides and shelves and 6mm commercial ply approved make for back side.Door shutter made up of 19mm thick commercial ply and outer surfaces and top of shelves for open type cabine should be laminated with 1.0mm thick approved plastic laminate sheet of required colour including all brass fittings such as hinges, tower bolts, ball catches, stopper, handle, knobs as per shown in drawing or approved by Engineer-In-Charge etc.and all exposed edges lipping with 6mm laminate finish Thick T.W.lipping patti.locking arrangement with Godrej multipurpose lock etc. All inside areas shall be .80mm thick approved colour laminate etc.all complete as specified and directed by Engineer-In-Charge.		
CARP15I	With inner side french polish		
CARP 15I A	Open type	Sqm	7,524.00
CARP 15IB	With shutter	Sqm	8,934.75
CARP 15 IC	With glass shutters (with eaching glass)		
CARP 15 IC i	Sliding	Sqm	8,934.75
CARP 15 IC ii	with hinged type	Sqm	8,934.75
CARP 15 IC iii	Sliding shutter with ply	Sqm	7,524.00
CARP15II	With inner side 0.8mm thick laminate		
CARP 15II A	Open type	Sqm	8,840.70
CARP 15II B	With shutter	Sqm	9,875.25
CARP 15 IIC	With glass shutters (with eaching glass)		
CARP 15 IIC i	Sliding	Sqm	9,875.25
CARP 15 IIC ii	with hinged type	Sqm	9,875.25
CARP 15 IIC iii	Sliding shutter with ply	Sqm	8,464.50
CARP 16	Providing making and supplying foot stool with 7inch rise and treed 10 inch length 1ft 3 inch made out of teak wood 1 ½ inchx1 ½ inch for frame legs and top with ½ inch thick teak wood planks. The stool polished with french polish to required finish and provide heavy duty P.V.C. buffer to the legs etc.complete as specified and directed.		
CARP 16 a	For single step stool	Nos	376.20
CARP 16 b	For two steps stool	Nos	705.38
CARP 17	Providing making and fixing in position counter consisting of top (all width 2inch-6 inch) made out of 25mm commercial ply of approved make supported on drawer unit of ht.2 inch -6 inch and vertical supports at regular internals as shown in drawing made out of 15mm thick approved commercial ply and the counter made above the table of required width and size with vertical divider all made out of 19mm thick approved commercial ply and 12mm thick approved commercial ply for front side of counter with approved laminate or 10mm teak wood lipping on all exposed edges and table top edges should be 1 ½ inch x1 ½ inch finishing with and approved colour and moulding plastic laminate 1.0mm thick for all exposed surface etc. all inside surface shall be 0.8mm thick approved laminate soft board of 12mm thick pasted with approved adhesive and covered with tepestery felt cloth of required colour including cost of all hardware like hinges, tower bolt, handles, knobs, computer ready-made keyboards, cable manager, CPU stand made by 19mm thick ply with approved laminate finish and locking arrangement with Godrej multipurpose lock etc. complete as specified and directed.	Rmt	8,464.50
CARP 18	Providing and fixing glass panes of approved make with teak wood bedding for window shutter		
CARP 18 A	CLEAR GLASS:		
CARP 18 A i	a) 3 or 4 mm thick glass	Sqm	799.43
CARP 18 A ii	b) 5mm thick glass	Sqm	1,034.55
CARP 18 B	FROSTED GLASS		
CARP 18 B i	a) 3 or 4 mm thick	Sqm	846.45
CARP 18 B ii	b) 5mm thick	Sqm	1,081.58
CARP 18 B iii	c)Self Design	Sqm	1,128.60
CARP 18 Biv	d) Providing and fixing Brown colour tinted glass panes of approved make with teak wood bedding of window shutter 5mm thick	Sqm	1,175.63

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 19	Providing and fixing 40mmx40mm heavy duty Aluminium angles/S.S. angles of 16 gauge at the corner edges of walls, columns or wherever required including scrapping for fixing the same if required etc. including cost of other materials such as screws, rawal plug etc. complete labour etc. as required at site all complete as specified and directed.		
CARP 19 i	Aluminium Angles (3mm) thick	Rmt	343.28
CARP 19 ii	S.S Angles (2mm) 40 x 40mm thick	Rmt	517.28
CARP 19 iii	S.S Angles (2mm) 50 x 50mm thick	Rmt	583.11
CARP 20	Providing making erecting partitions (partly glazed partly paneled or fully paneled) to required ht. With teak wood frame of 50mmx50mm in 600mm sq. panel or as required at site the wooden paneling with 6mm commercial plywood of approved make and quality on both sides of partition with 6mm groove. The glazed portion teak wood 30mmx12mm bedding on both sides to the required shape skirting at bottom on both the sides to required shape and top patti with 125 x 20mm T.W.to required flap/or as filler between the wall/ceiling/flooring and partition. The glazed portion of the partition. The glazed portion of the partition shall have approved make/quality –plain/frosted/ one way5mm thick glass.		
CARP 20 A	Above partition shall be provided with partly glazed partly pannelled 35mm thick flush door of required size or as required with necessary teak wood door frame 75mmx50mm and the shutter shall be hinged/ pivoted or sliding and the glazed portion with 5mm plain or frosted glass sheet, bedding/lipping around the shutters, locks, tower bolts, mortice lock with handle suitable size No. 2 door closer of everite make Floor spring and any other fittings and fixtures required all as specified and directed.		
CARP 20 A i	Partly glazed/partly paneled.	Sqm	2,539.35
CARP 20 A ii	Fully paneled.	Sqm	2,539.35
CARP 20 B	Partition with door.		
CARP 20 B i	Partly glazed/partly paneled.	Sqm	2,915.55
CARP 20 B ii	Fully paneled.	Sqm	2,915.55
CARP 21	Providing and fixing in position head rest made out of 6mm thick ply wood of approved make quality with thick teak wood lipping around and laminated with 1.0mm thick plastic laminate of approved make and quality on one side other side polished with 2 coats of french polish including cost of all other materials including concealed fittings (brass oxidized) for mounting on wall labour etc. all complete as specified and directed.	Sqm	1,570.64
CARP 22	Providing and fixing in position head rest made out of approved make 3mm/4mm thick acrylic sheet of approved shade and edges chamfered including cost of all other materials. Fixing with mirror screws labour etc. all complete as specified and directed.		
CARP 22 i	3 mm thick.	Sqm	1,081.58
CARP 22 ii	4mm thick.	Sqm	1,081.58
CARP 23 A	Providing and fixing 30mm thick teak wood fully glazed window shutters consisting of 75mm x 30mm thick shutter frame of approximate 1.2m ht. And having bracing in the centre providing and fixing 3 or 4mm sheet glass fo approved make with teak wood bedding including cost of all brass fittings hinges/handles, tower bolts/stoppers etc. and fixtures applying one coat of approved wood. Primer etc.complete with 1st class wood.	Sqm	3,573.90
CARP 23 B	Providing and fixing sliding door shutter of 6mm thick commercial plywith one side 1.0mm thick approved laminate/5.5 mm. Thick approved glass for the existing cabinet with necessary aluminium E type channel, heavy duty sliding wheels/bearings, consealed type handle or making groove in glass etc. complete.		
CARP 23 B i	6mm thick commercial ply with laminate sliding shutter.	Sqm	1,022.32
CARP 23 B ii	5.5.mmthick glass shutter with groves for opening.	Sqm	1,081.58
CARP 24 a	Providing louvered opening in door shutter including removing of the door and refixing the same making the opening providing and fixing teak wood louver blades with necessary teak wood frame and beading and applying one coat of approved wood primer etc.complete.(as louvers with wood louver blade)	Sqm	3,762.00

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 24 b	Louvers with ready made powder coated Aluminium louvers . Measurement will be taken for Louvers area only	Sqm	5,643.00
CARP 25	Providing vision pannel in door shutters including making the opening, providing Necessary teak wood frame work and Fixing 3mm glass with teak wood beading All round on both faces including removing and refixing of door shutter etc.complete.	Sqm	1,881.00
CARP 26	Providing and fixing mortice lock (right or Left) with handle of approved make (DECO GOLD 152077 to the existing shutter including other necessary work, cost of all other material labour etc. all complete as Specified and directed.		
CARP 26 i	Removing existing mortice lock providing and fixing new mortice lock with handle set.	Nos	1,128.60
CARP 26 ii	Providing and fixing new mortice lock with handle set for new door shutter	Nos	1,081.58
CARP 26 iii	Providing and fixing mortice lock handle set only.	Pair	564.30
CARP 27	Providing and fixing Godrej night latch (left or right) to the existing door shutters including all other necessary work, cost of all other material labour etc. all complete as specified and directed.		
CARP 27 i	Removing existing night latch and providing and fixing new Godrej night latch to the existing door shutter (inside or outside opening) .	Nos	1,833.98
CARP 27 ii	Providing and fixing Godrej night latch for new shutter (inside or outside opening).	Nos	1,833.98
CARP 28	Labour charges only for carefully removing and taking out existing wooden partitions (partly glazed, partly paneled or fully paneled with shutters glazing etc. at all floor levels and locations including removing the existing mongery fittings fixtures locking arrangement and handling over the same to T.M.C all complete as directed by Engineer-In-Charge.	Sqm	141.08
CARP 29	Labour charges only for making and fixing in position of wooden partition as per requirement from existing material supplied by department, etc. complete, the hardwares such as screws/nails fevicols etc. should be used at his own by the contractor etc. complete as specified and as directed by the Engineer-In-Charge.	Sqm	940.50
CARP 30	Removing and refixing partly glazed partly paneled or fully paneled door/window shutters with necessary modification or adding required available members glasses and changing available fittings like heavy duty Brass/S.S.hinges aldrop heavy duty, tower bolts as required etc. complete.		
CARP 30 i	Door shutter. (Removing and refixing work)	Sqm	611.33
CARP 30 ii	Same as above for window shutte	Sqm	611.33
CARP 30 iii only	Fixing available door shutter.	Sqm	470.25
CARP 30 iv only	Fixing available window shutter.	Sqm	470.25
CARP 32	Providing and fixing curtain rod of fancy type powder coated thread/fixed/angle type sockets or three way socket removable threaded type with rings for curtains to be provided at 5 inch intervals etc complete.		
CARP 32 i	1 inch dia	Rmt	235.13
CARP 33	Providing and fabricating and fixing drawers at required place of required height with sliding M.S. chromium plated/oxidized heavy duty Sliding channels, 1.0mm thick approved laminate for front side of drawer and balance area should be franch polishing, including all necessary fitting like powder coated handle, Godrej multi purpose lock etc. complete.		
CARP 33 i	Working table drawer. (size 0.60x0.60 approx.)	Nos	648.95
CARP 33 ii	Computer key board drawer. (ready made metal body)	Nos	564.30
CARP 33 iii	Providing and fixing one inch dia heavy duty S.S. curtain rod with socket removable threaded type with rings for curtain to be provided at 5 inch intervals etc. complete.	Rmt	376.20
CARP 34	Removing existing hinges if necessary and Providing fixing approved brass cpxidized/ S.S.heavy duty railway type/flat//butt type hinges (heavy duty) minium thickness of 5mm at the required Flora/Pooja Mark/Shreeji/Garg/Atul minium thickness 5mm at the required location with all screws making grooves in the door shutter and frame as required etc.complete.		
CARP 34 A	Brass heavy duty hinges of following sizes.		
CARP 34 A i	3 inch	Nos	62.07
CARP 34 A ii	4 inch	Nos	122.27
CARP 34 A iii	5 inch	Nos	150.48
CARP 34 A iv	6 inch	Nos	225.72
CARP 34 A v	3 inch x 3/4 inch x ¾ inch	Nos	65.84

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 34 A vi	3 inch x 3/4 inch x 1.5 inch	Nos	56.43
CARP 34 A vii	3 inch x .5 inch x .5 inch	Nos	47.03
CARP 34 B	Aluminium hinges with nylon washer with satin finish Archies make or equivalent heavy duty of following type.		
CARP 34 B i	3 inch	Nos	62.07
CARP 34 B ii	4 inch	Nos	67.72
CARP 34 B iii	5 inch	Nos	82.76
CARP 34 B iv	6 inch	Nos	112.86
CARP 34 C	S.S.heavy duty hinges of approved make-		
CARP 34 C i	3 inch	Nos	88.41
CARP 34 C ii	4 inch	Nos	108.16
CARP 34 C iii	5 inch	Nos	117.56
CARP 34 C iv	6 inch	Nos	188.10
CARP 34 D	S.S. heavy duty towel rods.		
CARP 34 D i	450 mm long	Nos	493.76
CARP 34 D ii	600 mm long	Nos	540.79
CARP 34 D iii	750 mm long	Nos	611.33
CARP 34 D iv	S.S. ring 6 inch dia(ESS-ESS make)	Nos	423.23
CARP 34 D v	Mirror 24 inch x 18 inch (Plastice/wooden frame)	Nos	752.40
CARP 34 D vi	Oval Mirror (Plastice/wooden frame)	Nos	705.38
CARP 34 Dvii	Providing and fixing heavy duty 32mm dia s.s. curtain rod with socket removable threaded type with rings for curtain to be provided at 5 inch intervals etc. complete.	Rmt	545.49
CARP 34 Dviii	Providing and fixing Ebco/Dorma/Ozone/Hettich/Geze/Hafele make auto closing hinges with necessary fitting like pre rawal plug screws etc.	Nos	117.56
CARP 34 Dix	Providing and fixing 600mm long s.s. towel rod of Jaquar make	Nos	1,128.60
CARP 34 Dxi	Fancy SS coat hook single type	Nos	94.05
CARP 34 E	Providing and fixing duty popat lock to door (Vijayan make) 4 lever	Nos	799.43
CARP 34 F	Providing and fixing C P brass 'D' type bracket for fixing glass.	Nos	56.43
CARP 34 G	Providing and fixing Cable manager to existing table including table cutting and finishing	Nos	51.73
CARP 34 H	Providing and fixing sliding door shutter wheel including removing and refixing the existing door shutter and necessary hard ware and fittings etc. complete all as specified and directed by Engineer in charge	Nos	56.43
CARP 35	Making plain table ht. About 750 mm. of required size consisting table top 600 mm.width of 19mm thick commercial ply for top resting over T.W.frame structure as per drawing and bracing, foot rest etc. shall be with T.W. 2 inch X2 inch, providing and fixing approved plastic laminate 1.5mm thick to all exposed surfaces and balance area should be polish best quality french polish to required finish, including all necessary hardwares and fittings etc. complete. All as specified and directed by Engineer-In-Charge.	Rmt	4,890.60
CARP 36	Providing, fabricating and making working table of ht. 750mm . Table top min. 600 mm width made out of 19mm thick ISI marked block board with laminate 1.5mm thick for all exposed surface resting over vertical supports. Storage cabinets made of thick ISI marked block board with laminate 1.5mm thick complete all as specified and directed by Engineer-In-Charge. (The width of the table shall be as per site requirements but not less than 600mm)	metre	8,000.00
CARP 37	Aligning the aluminium door shutter with all All necessary material such as replacing Gasket beeding inserting wooden block in aluminium section screws other necessary fittings over oiling the shutter etc at various locations and making the door serviceable Note : The Contractor shall give guarantee of six months for the work carried out using new materials	Sqm	658.35
CARP 39 A	Removal of old formica along with the adhesive making the surface smooth and providing and fixing new approved of required specification and colour etc. complete as specified and directed including fevicol, nails etc. complete. 1.00 mm thick	Sqm	1,128.60
CARP 39 B	Providing and fixing 1.0mm thick approved make laminate of required colour over existing surfaces along with the adhesive all as required specification design etc. complete as specified and directed by Engineer-In-Charge. 1.00 mm thick	Sqm	987.53

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpantery and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 40	Providing and fixing commercial or marine ply/teak veneer 4mm/3mm thick of approved make and quality including cutting to required Size and fixing the same with approved Synthetic resin adhesive with necessary Panel pins nails, screws, wastage in cutting Transportation etc.complete as directed by The engineer in charge		-
CARP 40 i	Using teak veneer.	Sqm	846.45
CARP 40 ii	Using commercial ply	Sqm	470.25
CARP 40 iii	Using marine ply	Sqm	564.30
CARP 40 iv	only Balcalite sheet 4mm thick	Sqm	827.64
CARP 41	Providing and fixing approved quality machine pressed phenol formaldehyde bonded commercial/marine ply wood of approved size and fixing the same with necessary nails/screws/adhesive in partition cupboard shelves/ktichen/cabinets/flush doors etc. at all floors and locations in quantities as required at site in following thickness including 6 mm thick T.W.lipping patti at all exposed edges with nails/screws/hardwares/adhesive wastage in cutting, transportation etc. complete all as directed by the Engineer-In-Charge.		
CARP 41A	Commercial ply		
CARP 41A i	6mm thick ply	Sqm	658.35
CARP 41A ii	8mm thick ply	Sqm	799.43
CARP 41A iii	12mm thick ply	Sqm	937.68
CARP 41A iv	16mm thick ply	Sqm	1,128.60
CARP 41 B	Marine ply		
CARP 41 B i	3mm thick ply	Sqm	517.28
CARP 41 B ii	6mm thick ply	Sqm	987.53
CARP 41 B iii	8mm thick ply	Sqm	1,213.25
CARP 41 B iv	12mm thick ply	Sqm	1,438.97
CARP 41 B v	16mm thick ply	Sqm	1,805.76
CARP 42	Providing and fixing approved quality block board of approved make ing following thickness including cutting to required sizes and fixing the same with necessary nails/screws/adhesive in partitions cupboard shelves doors kitchen cabinets etc. at all floors and locations in quantities as required at site including providing and fixing 6mm thick teak wood lipping to all exposed edges of block board including cost of nails screws adhesive wastage in cutting transportation etc.complete all as directed by the Engineer-In-Charge.		
CARP 42 i	20mm thick ply board	Sqm	1,316.70
CARP 43	Providing and fixing ordinary plain/frosted/Bajra self design sheet glass of approved make of following thickness in various sizes as required at site fixed to windows/louvers, partitions, vision panels door etc. using first class oil putty of approved quality and make including labour charges for fixing glazing pins teakwood or aluminium beeding with necessary screws nails etc. at all floors and locations including cutting the glass to required size removing the existing broken/damaged glass panel window/doors/partitions etc. along with its old oil putty beeding etc. and disposing off the unsericeable material including wastage in cutting, transportatiion etc. complete. all as directed by the Engineer-In-Charge.		
CARP 43 A	Plain ordinary sheet glasses.		
CARP 43 A i	3mm thick	Sqm	517.28
CARP 43 A ii	4mm thick	Sqm	616.03
CARP 43 A iii	5mm thick	Sqm	705.38
CARP 43 A iv	6mm thick	Sqm	846.45
CARP 43 A v	8mm thick (with machine edge polish)	Sqm	1,297.89
CARP 43 A vi	12mm thick plain glass (With machine edge polishing)	Sqm	1,551.83
CARP 43 B	Frosted sheet glass.		
CARP 43 B i	3mm thick	Sqm	846.45
CARP 43 B ii	4mm thick	Sqm	855.86
CARP 43 B iii	5mm thick	Sqm	1,138.01
CARP 43 C	Bajra sheet glass		
CARP43 C i	4mm thick	Sqm	564.30
CARP43 C ii	5mm thick	Sqm	658.35

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 43 D	Labour charge for making round or rectangular hole to existing glass of any thickness in addition to Item No. 45 as per site requirement and smoothing the edges etc. complete all as specified and directed by the Engineer-In-Charge.	Rmt	235.13
CARP 43 E	Labour charges for making moulding to the existing glass of 12 mm. thick .With necessary polishing etc.complete.	Rmt	178.70
CARP 43 F i	Brown / Black Tinted glass 8 mm thick (with machine edge polish)	Sqm	1,514.21
CARP 43 F ii	5mm thick Black/Brown tinted or one way	Sqm	846.45
CARP 43 F iii	Sun control film of any design & Colour & approved make	Sqm	846.45
CARP 44	Applying three coats of french polish of approved make and tint to obtain finish as required over a coat of wood filler including sand papering cleaning filling upholes cracks and crevices with putty etc. complete to give an even shade etc. in quantities as required at site all as directed by the Engineer-In-Charge.		
CARP 44 i	French polish for new furniture work	Sqm	322.93
CARP 44 ii	French polish for old furniture work	Sqm	162.56
CARP 44 iii	Melamine polish new furniture work	Sqm	658.35
CARP 44 iv	Melamine polish old furniture work	Sqm	639.54
CARP 45	Providing and fixing C.P.brass hard ware, all fittings and fixture as follows. Complete.		
CARP 45 A	Magnetic Ball catches	Nos	28.22
CARP 45 B	Multipurpose lock (Godrej/Ecco make)	Nos	211.61
CARP 45 B(i)	Multipurpose set of ten Locks at least	Nos	258.64
CARP 45 C	Baby latch 4" long	Nos	150.48
CARP 45 D	Hinges 2 inch long	Nos	32.92
CARP 45 E	Tower bolt Archies make		
CARP 45 E i	3 inch	Nos	94.05
CARP 45 E ii	4 inch	Nos	112.86
CARP 45 E iii	6 inch	Nos	131.67
CARP 45 E iv	8 inch	Nos	188.10
CARP 45 F	Peg staty solid Archies make / Heavy duty	Nos	178.70
CARP 45 G	Knobs (fancy type)	Nos	32.92
CARP 45 H	Cupboard lock (Brass) Vijayan/Godrej make		
CARP 45 H i	2 inch	Nos	346.10
CARP 45 H ii	2.5 inch	Nos	413.82
CARP 45 H iii	3 inch	Nos	526.68
CARP 45 H iv	3.5 inch	Nos	658.35
CARP 45 I i	C type handle (powder coated) (i) 3 inch long	Nos	47.03
CARP 45 I ii	C type handle (powder coated) (ii) 4 inch long	Nos	56.43
CARP 45 J	Coat hooks powder coated	Nos	28.22
CARP 45 K	Hinges a) Piano type – 6 inch All Godrej make	Nos	178.70
CARP 45 L	b) Butt type - 6 inch	Nos	178.70
CARP 45 Li	c) type fancy SS handle 3"	Nos	54.55
CARP 45 Lii	c) type fancy SS handle 4"	Nos	70.54
CARP 45 Liii	c) type fancy SS handle heavy duty 12"	pair	1,881.00
CARP 45 M	c) Railway type- 6 inch	Nos	188.10
CARP 45 N	Eye hook	Nos	70.54
CARP 45 O	Cup hook	Nos	23.51
CARP 45 P	Aldrops		
CARP 45 P i	M.S.aldrop 10 inch long	Nos	235.13
CARP 45 P ii	S.S.aldrop 10 inch long	Nos	470.25
CARP 45 P iii	S.S. aldrop 12 inch long heavy duty	Nos	752.40
CARP 45 P iv	Chromium plated aldrop 12 inch long	Nos	902.88
CARP 45 Q	C.P.Brass heavy duty door stopper	Nos	206.91
CARP 45 R	Aluminium coat hook	Nos	37.62
CARP 45 S	S.S. aldrop 8 inch long heavy duty	Nos	564.30
CARP 45 S i	3 inch Aluminium D type handle	Nos	47.03
CARP 45 S ii	4 inch	Nos	56.43
CARP 45 S iii	5 inch	Nos	81.82
CARP 45 S iv	6 inch	Nos	112.86
CARP 45 T	Sliding door lock of 4 level of Vijayan of equivalent make	Nos	705.38
CARP 45 U	Sliding glass shutter lock	Nos	192.80
CARP 45 V	Aluminium E channel	Nos	32.92
CARP 45 W	Pavan kadi		

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 45 W iii	8 inch C.P.	Nos	70.54
CARP 45 Y	Dead Lock (Vijayan/Godrej make)		
CARP 45 Y i	3 inch	Nos	526.68
CARP 45 Y ii	4 inch	Nos	658.35
CARP 45 Y iii	5 inch	Nos	775.91
CARP 45 Y iv	6 inch	Nos	893.48
CARP 45 Y v	Two strock Dead lock Godrej / Vijayan	Nos	865.26
CARP 45 Z i	S.S. plate handle D type 150mm X 150mm Godrej Make	Pair	1,363.73
CARP 45 Z ii	S.S. soap disc (ESS -ESS make)	Nos	865.26
CARP 45 Z iii	S.S. soap dispenser (ESS -ESS make)	Nos	540.79
CARP 45 Z iv	S.S. Robe hook (ESS -ESS make) two way	Nos	540.79
CARP 45 Z v	S.S. Robe hook (ESS -ESS make) three way	Nos	648.95
CARP 45 Z vi	S.S. paper holder (ESS -ESS make)	Sqm	1,034.55
CARP 45 Z vii	S.S. Kick and push plate (16 gauge)	Sqm	4,326.30
CARP 47	Providing and fixing cabinet door shutter below table or over head cabinet made out of 19mm thick commercial ply with 6mm thick. T.W.lipping patti front side laminated with 1.0mm approved colour and make all around the door shutter outlet face approved make and colour, non laminated area should be two coat of french polish including necessary fittings like hinges, door handles, screws and Godrej make multipurpose lock, C type powder coated handle, tower bolt, ball catches etc. complete. all as specified and directed by Engineer-In-Charge.	Sqm	2,003.27
CARP 48	Providing and fixing 12mm thick soft board pasted with approved adhesive and covered with tepestry felt cloth (Jute fibre) of required colour including removing old soft board if necessary and refixing etc. complete as specified and directed.		
CARP 48 i	Soft board with felt cloth	Sqm	1,138.01
CARP 48 ii	Soft board 12mm thick	Sqm	743.00
CARP 48 iii	Tepestry felt cloth (Jute fibre)	Sqm	517.28
CARP 49	Providing and fixing C.P.teak wood beeding patti various sizes with necessary adhesive and hardware.		
CARP 49 i	T.W. lipping patti 6 x 25mm	Rmt	37.62
CARP 49 ii	T.W.lipping patti 10 x 25mm	Rmt	51.73
CARP 49 iii	T.W.lipping patti 15 x 30mm	Rmt	65.84
CARP 49 iv	T.W. mouldng patti 40 mm. x 10mm	Rmt	108.16
CARP 49 v	T.W. moulding patti 50mm x 20mm	Rmt	136.37
CARP 49 vi	40 mm x 25mm	Rmt	164.59
CARP 50	Labour charges only for fixing ply supplied by department of various thickness with necessary adhesive, nails, screws etc.complete all as specified and directed by Engineer-In-Charge including removed of old ply wherever necessary		
CARP 50 i	Fixing and removing only available ply	Sqm	164.59
CARP 51	Labour charges for making frame work from available T.W.2 inch x 2 inch section or any other section of required size for partition including necessary adhesive,nails,screws, etc.complete. as specified and directed by Engineer-In-Charge or any other section.	Sqm	272.75
CARP 52	Providing and Fixing wooden flooring in line & levelling including reomoving old existing flooring & with all necessary allied works & taking out debris out of premises	Sqm	1,420.16
CARP 53	Providing and fixing at required location welded wire mesh of required size and of 10 gauge as mentioned below including frame work made out of C.P. teak woo0d 50mm x 40mm or 25mm x 3mm M.S. flat patti of required size with necessary allied works such as providing and fixing fittings and fixtures (brass hinges, tower bolts stoppe etc.) including cost of material labour wastage transportation etc. all complete as specified and directed.		
CARP 53 a	Size 25mm x 25mm x 10 gauge	Sqm	813.53
CARP 53 b	Size 25mm x 75mm x 8 gauge	Sqm	865.26
CARP 53 c	Size 12mm x 12mm x 10 gauge	Sqm	648.95
CARP 54	Painting with oil type wood preservative of approved brand and manufacture:		
CARP 54 a	Old work (one or more coats)	sqm	31.39
CARP 54 b	New work (two or more coats)	sqm	41.30

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 55	Providing and Fixing following thickness Bison Board pannels for Boxing, partition works including necessary hardware and adhesive etc. complete.		
CARP 55A	6 mm thick	Sqm	443.92
CARP 55B	8 mm thick	Sqm	630.14
CARP 55C	12 mm thick	Sqm	879.37
CARP 56	Providing and fixing following product fittings:		
CARP56A	Hinges 6' (Article no. 92615403)	Nos	517.28
CARP56B	HS 1800 Surface door closer hold open Arm size 4 (Article no. 93184639) OZONE/GODREJ MAKE	Nos	6,922.08
CARP56C	Double action floor spring (Article No. 93279030) ozone/Dorma/Hafele make	Nos	6,705.77
CARP56D	Double action floor spring Accessary (Article No. 93279090) ozone/Dorma/Hafele make	Nos	705.38
CARP56E	Hollow lever handle (Article No. 90399056)ozone make	Nos	1,462.48
CARP56F	Mortise Cylinder dead lock case (Article no. 91122551)ozone make	Nos	1,034.55
CARP56G i)	Hollow pull Handle H-shape a) 300mm long (Art. No. 90301703)	Pair	2,271.31
CARP56G ii)	b) 550mm long (Art. No. 90301710) ozone make	Pair	3,136.57
CARP56H	Europrofile Cylinder lock (Article No. 91696016) ozone make	Nos	1,462.48
CARP56I	Tower bolt shalimar/Godrej/OZONE make	Nos	597.22
CARP56J	Europrofile Cylinder ESCUTCHEON (Article No. 90399664) Godrej make	Nos	272.75
CARP57	Providing and fixing in position best quality 5.5 mm thick ghost free modi guard make plain mirror with 25mm thick bevelled edges all round. Mirror to be fixed with 19mm dia. Heavy duty S.S. studs and 6mm thick commercial ply for backside. The work shall be inclusive of all other necessary allied works and as directed by Engineer Incharge	Sqm	1,881.00
CARP58	Removing existing aluminium 84C/ 84R or any type of false ceiling entire false ceiling pannel and cleaning with soap water and refixing the same in proper line and level by providing necessary available wall angles , runner and suspender including making cutout for AC grill ,tube light , ceiling fans etc complete as directed by Engineer in charge	Sqm	141.08
CARP59	Providing and fixing Telescopic drawer channel of 20 inch long including cost of material and labour etc. complete.	Nos	282.15
CARP60	Providing and fixing godrej 7 lever pad locketc complete.	Nos	517.28
CARP61	Providing and fixing coat hook powder patti of 12 inch long etc. complete.	Nos	84.65
CARP62	Providing making and fixing wooden computer key board etc.	Nos	940.50
CARP63	Providing and fixing Telescopic drawer channel of 12 inch long including cost of material and labour etc. complete.	pair	235.13
CARP64	Providing and fixing Telescopic drawer channel of 16 inch long including cost of material and labour etc. complete.	pair	268.04
CARP67	Providing and Fixing 5 inches SS parliamentary hinges for door shutter	Nos	206.91
CARP 68	Polishing on wood work with ready made wax polish of approved brand and manufacture : Old work	sqm	82.95

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
Carp 69	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, Galvanised M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each with zinc coating of 120 gms/sqm(both side inclusive)) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.		
	66 mm overall thickness partition using 8 mm thick double skin multipurpose cement bonded wood particle board manufactured as per IS: 14276 with suitable cement bonded board screws	sqm	1,517.54
CARP 70	Providing, making and fixing in position counter made out of 19mm thick ISI marked block board with laminate 1.5mm thick for all exposed surface. The counter shall be provided with required no. of drawers & racks as directed. The counter above shall be fixed with 12 mm thick plain glass with required holes . Each counter to be provided with The counter should be fixed with 19mm thick ISI marked block board with laminate 1.5mm thick for all exposed surface. The counter shall be complete including cost of all hardware like hinges, tower bolt, handles, knobs, cable holes, CPU stand, multipurpose lock etc. complete as specified and directed by Engineer-Incharge		
	Running Length under 3 meter	no.	41,500.00
	Running Length over 3 meter up to 6m	no.	61,500.00
CARP 71	Providing, fabricating and making working table of ht. 750mm . Table top min. 600 mm width made out of 19mm thick ISI marked Ply with laminate 1.5mm thick for all exposed surface resting over vertical supports. Storage cabinets made of thick ISI marked block board with laminate 1.5mm thick complete all as specified and directed by Engineer-In-Charge. (The width of the table shall be as per site requiremnets but not less than 600mm)	metre	8,540.00
CARP 72	Providing and fixing Open Storage Unit of all sizes as per site conditions & space availability with drawers & Shelves/all shelf type. Drawer with heavy duty sliidng channel Unit made out of 19mm thick ISI marked block board. All exposed faces should be 1.5 mm thick approved laminate including using heavy duty hardware like hings, handles multipuspose lock as per requirement etc. complete all as specified and directed by Engineer-In-charge (Open type Storage unit)	sqm	11,000.00
CARP 73	Providing and fixing in position door shutters in existing cupboards made out of 19mm thick ISI marked block board with laminate 1.5mm thick for all exposed surface and quality brass/S.S. fittings such as hinges, handles, tower bolts , other fixtures with e locking arrangements with screws etc. all complete as specified and directed by Engineer-In-Charge.	sqm	5,065.00

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 74	Providing and fixing Storage Unit of all sizes as per site conditions & space availability with Drawers & shelves/all shelf type with shutters. Drawers with heavy duty sliding channel Unit made out of 19mm thick ISI marked ply board. All exposed faces should have 1.5mm thick approved laminate including using heavy duty hardware like hinges, handles, multipurpose lock as per requirement etc. complete all as specified and directed by Engineer-In-charge.	sqm	12,680.00
	KEYS HOLDING CABINET: cabinet providing and fixing Key board made out of 19mm thick ISI marked block board for back fixing ½ inch Dia brass C.P. cup hook at required spacing on back ply. Door shutters single or double leaf made out of 19mm thick ISI marked block board and fixing with CP brass hinges of required size with necessary locking arrangement with multi purpose lock. The door shutters shall have plain glass of min 4 mm thick including providing necessary wall mounting hardware etc. all complete as specified and directed to the satisfaction of Engineer-In-Charge.		
CARP 75	For double shutters.	sqm	7,000.00
CARP 76	Providing, Fabricating & fixing wall cabinet made out of 19mm thick ISI marked block board. All exposed faces should have 1.5mm thick approved laminate including using heavy duty hardware like hinges, handles, multipurpose lock as per requirement etc. complete all as specified and directed by Engineer-In-charge. All internal faces should have 1 mm thick approved laminate	sqm	8,500.00
CARP 77	Providing & fixing of 70mm x 0.5mm Gypsera™ C-stud {Material-IS 513, Y/S-300Mpa, Finish - AZ150 (IS 15961)} placed at 407mm c/c in 72mm x 0.5mm Gypsera™ {Material-IS 513,Y/S-300Mpa, Finish - AZ150 (IS 15961)} floor and ceiling channel. Floor & Ceiling channel is anchored to the floor & True ceiling using Gyproc® Rawl plug Ø8x45mm {Material-IS 513 CR1 grade, Zinc coating, Pull Out Load-6.8kN for M30 concrete grade} /Hilti X-GN20MX anchor fasteners at 600mm c/c in zig zag manner. Floor channel to be wrapped with 70µ Self Adhesive LDPE moisture barrier film to further improve corrosion resistance performance. A Gypsera™ noggin channel {Material-IS 513,Y/S-300 Mpa, Finish - AZ150 (IS 15961)} of 70x0.5mm width has to be provided at the horizontal joints of the two boards. Basic Rate of supply of Frame work to be Rs 615 per Sqm exluding taxes but delivered at site. MODE OF MEASUREMENT SHALL BE RUNNING LENGTH OF PARTITION X HEIGHT UPTO TRUE CEILING.	Sqm	1,035.00
CARP 78	Providing & fixing of 70mm x 0.7 mm Gypsera™ I-stud {Material-IS 513, Y/S-300Mpa, Finish - AZ150 (IS 15961)} placed at 600 mm c/c in 72x0.5mm Gypsera™ {Material-IS 513,Y/S-300Mpa, Finish - AZ150 (IS 15961)} floor and deep ceiling channel. 70x30x30x0.7 mm Gypsera™ starter channel {Material-IS 513, Y/S-300Mpa, Finish - AZ150 (IS 15961)} anchored to the wall & open the Tab of starter channel to fix core board. Floor & Ceiling channel is anchored to the floor & True ceiling using Gyproc® Rawl plug Ø8x45mm {Material-IS 513 CR1 grade, Zinc coating, Pull Out Load-5kN for M30 concrete grade} anchor fasteners at 600mm c/c in zig zag manner. Gypsera™ fixing strap {Material-IS 513,Y/S-300 Mpa, Finish - AZ150 (IS 15961)} of 74x0.5mm width has to be provided at the horizontal joints of the two boards. 29x15x15x0.5 mm Gypsera™ Retaining Channel {Material-IS 513,Y/S-300 Mpa, Finish - AZ150 (IS 15961)} should rested against starter Channel in between tab and Core board. Basic Rate of supply of Frame work to be Rs 735 per Sqm exluding taxes but delivered at site MODE OF MEASUREMENT SHALL BE RUNNING LENGTH OF PARTITION X HEIGHT UPTO TRUE CEILING.	Sqm	1,207.50

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpantery and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 79	<p>Providing and fixing Skinning of partition which include of tapered edge 15mm thick Saint Gobain / USG Boral make Gypboard® Plain (conforming to IS 2095 Part 1:2011, Certified board) of size 1219mm x 2438mm. First layer of Gyproc® boards to be screw fixed with Gyproc® drywall screws of 25mm at minimum spacing of 600mm at centre and 600mm at periphery. The layer should be finished so as to take on second skin in Gypsum.</p> <p>Basic Rate of board to be Rs 155 per Sqm excluding taxes but delivered at site.</p> <p>MODE OF MEASUREMENT SHALL BE RUNNING LENGTH OF PARTITION X HEIGHT UPTO TRUE CEILING - DOOR DEDUCTIONS IF ANY BOTH SIDES SEPARATELY.</p>	Sqm	373.75
CARP 80	<p>Providing and fixing Skinning of partition which includes of tapered edge 15mm thick Gyproc® Fireline/Firestop (conforming to IS 2095 Part 1 : 2011/ EN520:2004, TYPE-F/ ASTM C1396, TYPE X) of size 1219x2438mm is screw fixed to C-stud. Second layer to be screw fixed Gyproc® drywall screws of 50mm at minimum spacing of 300mm at centre and 300mm at periphery. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Gyproc® Pro-Fill Jointing compound, (Conforms to ASTM C475), Gyproc® Joint Paper tape or fiber tape. The junction of the partition with masonry & all penetration through the partition has to be treated with Hilti/Pyroplex fire and acoustic sealant. The boards are to be fixed vertically to the framework with joints staggered to avoid leakage through joints. 25x25x0.5mm Gyproc® angle bead should be used at all L-Junctions of partition.</p> <p>Basic Rate of Board to be Rs 265 per Sqm excluding taxes but delivered at site.</p> <p>MODE OF MEASUREMENT SHALL BE RUNNING LENGTH OF PARTITION X HEIGHT UPTO TRUE CEILING - DOOR DEDUCTIONS IF ANY BOTH SIDES SEPARATELY.</p>	Sqm	546.25
CARP 81	<p>Providing and fixing Skinning of partition which includes of tapered edge 12.5mm thick Gyproc® Habito (conforming to EN 520: 2004, A1:2009, Type A,D,R,I) of size 1220x2440mm is screw fixed to walls with loadings like TV, Cabinet, Equipment loading etc subject to maximum point load on board is 30 KG & Minimum recommended distance between two screws is 150 mm atleast. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Gyproc® Pro-Fill Jointing compound, (Conforms to ASTM C475), Gyproc® Joint Paper tape or fiber tape. The junction of the partition with masonry & all penetration through the partition has to be treated with Hilti/Pyroplex fire and acoustic sealant. The boards are to be fixed vertically to the framework with joints staggered to avoid leakage through joints. 25x25x0.5mm Gyproc® angle bead should be used at all L-Junctions of partition.</p> <p>Basic Rate of Board to be Rs 688 per Sqm excluding taxes but delivered at site.</p> <p>MODE OF MEASUREMENT SHALL BE RUNNING LENGTH OF PARTITION X HEIGHT UPTO TRUE CEILING - DOOR DEDUCTIONS IF ANY BOTH SIDES SEPARATELY.</p>	Sqm	1,132.75
CARP 82	<p>Providing and fixing Skinning of partition on wet side with tapered edge layer of 12.5mm Gyproc® Glasroc-H (Conforms to EN 15283-1 and Types GM - H1) is screw fixed to C-stud. Second layer to be screw fixed Gyproc® drywall screws of 50mm at minimum spacing of 300mm at centre and 300mm at periphery. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Gyproc® Pro-Fill Jointing compound, (Conforms to ASTM C475), Gyproc® Joint Paper tape or fiber tape. The junction of the partition with masonry & all penetration through the partition has to be treated with Hilti/Pyroplex fire and acoustic sealant. The boards are to be fixed vertically to the framework with joints staggered to avoid leakage through joints. 25x25x0.5mm Gyproc® angle bead should be used at all L-Junctions of partition. Tiles can be fixed using suitable Weber adhesives. Water proofing manufactured by Weber & equivalent shall be applied as per the manufacturer's recommendations ie.before tile adhesive application on Wet Side, water proofing is required as per requirement</p> <p>Basic Rate of Board Rs 625 per Sqm excluding taxes but delivered at site.</p> <p>MODE OF MEASUREMENT SHALL BE RUNNING LENGTH OF PARTITION X HEIGHT UPTO TRUE CEILING - DOOR DEDUCTIONS IF ANY BOTH SIDES SEPARATELY.</p>	Sqm	1,035.00

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
<u>Schedule of Rates</u>			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 83	Providing and fixing Skinning of partition of 19mm thick Gyproc® Core board (conforming to EN 520 : 2004,TYPE D,F,H1) on shaft side. First layer of Gyproc® boards to be screw fixed with Gyproc® drywall screws of 25mm at minimum spacing of 600mm at centre and 600mm at periphery. Core boards should be sealed into framing members using Hilti/Pyroplex Fire & Acoustic sealant in addition to normal sealing. Basic Rate of Board to be Rs 618 per Sqm excluding taxes but delivered at site. MODE OF MEASUREMENT SHALL BE RUNNING LENGTH OF PARTITION X HEIGHT UPTO TRUE CEILING - DOOR DEDUCTIONS IF ANY BOTH SIDES SEPARATELY.	Sqm	1,058.00
CARP 84	Providing and fixing 50mm thick Acoustical / Thermal Bonded Polyester Wadding (TBPW) 1000 GSM, including wrapping to hold in position as per manufacturers recommendations, all labour, material, scaffolding, equipment etc all complete as per specification, drawing and instructions of engineer in charge. Approved Make: MIKRON (Mikasha International) Basic Rate to be Rs 235 per Sqm, excluding taxes but delivered at site.	Sqm	373.75
CARP 85	Providing and fixing 1200mm high Toilet Ledge Wall Partition, 170mm thick Gypsteel Ultra™ Plus ledge partition which includes one layer of Square edge 12.5mm Gyproc® Glasroc-H (Conforms to EN 15283-1 and Types GM - H1) is screw fixed with drywall screws of 25mm & 50mm at 300mm centres to either side of 48x0.5mm Gypserra™ C-stud {Material-IS 513, Y/S-300Mpa, Finish - AZ150 (IS 15961)} placed at 407mm centre to centre in in 50x0.5mm Gypserra™ {Material-IS 513,Y/S-300Mpa, Finish - AZ150 (IS 15961)} floor and ceiling channel, which is anchored to the floor using HILTI HLC 8X40 anchor fasteners. An air gap of 170mm should be maintained between GI Framework and RCC wall. The entire system would be for a maximum hieght of 1500mm. Tile cladding can be done on 12.5mm Gyproc® Glasroc-H board maximum up to 54 kg/m2 with appropriate tile adhesive (Make - Weber Saint Gobain). Before Tile adhesive application, water proofing is required as per requirement (Make - Weber Saint Gobain). Floor mounted Chair brackets needs to be installed along with ledge walls for WC installations. No supports should be directly mounted on the Ledge drywall. Basic Rate of System to be Rs 1200 per Rmt excluding taxes but delivered at site.	Rmt	2,127.50
CARP 86	Providing and fixing of 1.5mm thick laminate of approved shade, colour and make on the existing ply wood for wall lining, partition, boxing of required sizes as per the achitectural drawings with necessary glue, nails, tapes etc complete and as directed by Engineer-in-charge.	Sqm	920.00
CARP 87	Providing and fixing of 6mm thick lacquered glass of approved shade, colour and make on the existing ply wood for wall lining, partitions, boxing of required sizes as per architectural drawings. Glass to be stuck on ply with approved 2mm thick transparent UHP Acrylic Foam Tapes (PENTAGON BOW - 720T or 3M VHB – 4918 or equivalent) as per tape manufactures specifications. All edges of lacquered glass to be machine polished etc complete and as directed by Engineer in charge. Basic Rate of Lacquered Glass to be Rs 185 per Sqft excluding taxes but delivered at site. Make: Form 5 or Saint Gobain Planilaque	Sqm	3,450.00
CARP 88	Providing and fixing of 6mm thick extra clear mirror of approved make on the existing ply wood for wall lining, partitions, boxing of required sizes as per architectural drawings. Mirror to be stuck on ply with approved mirror mounting tapes as per tape manufactures specifications. All edges of lacquered glass to be machine polished etc complete and as directed by Engineer in charge.	Sqm	4,312.50
CARP 89	Providing and fixing of fabric wrapped 12mm thick Soft board panels of approved make on the existing ply backing of required sizes as per architectural drawings including making necessary cut out / opening in existing gypsum board partitions for fixing the same. The panels to be finished with fabric (Basic rate to be Rs 300 per Rmt excluding taxes) of approved shade, colour and make. 2mm thick foam of approved make to be infill between board and fabric as per architectural drgs. Fabric shall be stretched uniformly along the direction of weave and shall be wrinkle free and all edges to be finished in PVC wall gripper of WALL TRACK or equivalent make etc complete and as directed by Engineer in charge.	Sqm	2,587.50

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 90	Providing and fixing Gypsum Boxing consisting of approved GI Closed Studd frame work as per manufacturer's specifications, framework to ensure right angles and plumb level. Cladding of two skins of 12.5mm thick Gypboard(R) (conforming to IS 2095-1996, part 1) screw fixed with 25mm and 50mm dry wall screw at 300mm c/c with joints staggered to avoid true joints. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with Jointing compound, Joint Paper tape and two coats of Drywall Top Coat (as per recommended practices of the manufacturer). The cost to include niches as indicated in the drawings	Sqm	2,875.00
CARP 91	Providing and fixing 6mm thick commercial ply backing of size 600mm X 600mm on mineral fibre modular false ceiling tiles to support light fitting, speakers, CCTV cameras, diffuser of grid work size with necessary cut outs for the same.	Nos.	402.50
CARP 92	Providing and fixing in position Gypsum Ready made Access panel/ Trap Door from Saint Gobain Gyproc / Knoff Danoline or equivalent make manufactured from 1.2mm zinc coated mild steel, finished with white powder coat etch primer, having beaded frame and budget lock operated by an 8mm square open drive. The rate to be inclusive of necessary supports from ceiling, locking mechanism etc. complete.	Sqm	8,625.00
CARP 93	Providing and Fixing Second class teak wood for frames of doors, with double grooves on both sides and two rebates for shutters /grills, shaping, jointing, sand papering, applying a coat of bituminous paint on concealed surface. Frame to be fixed in position with expandable fasteners 10mm x 140mm size with necessary polyamide PA 6 grade sleeves and and gleitmo coated galvanized steel grade 6.8 screws including drilling holes in masonry work / Cement Concrete / R.C.C. and making good etc. complete. Rate to be inclusive of finishing the frame in two coats of approved melamine polish matching to the shade of shutter.	Cum	115,000.00
CARP 94	Providing and fixing ISI marked Flush Door shutters conforming to IS : 2202 (part I) of approved make 30mm thick, finished in 1mm thick decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of Low VOC adhesive of approved quality from both sides. Rate to be inclusive of providing lipping with 2nd class teak wood battens 6mm minimum depth on all edges of flush door shutters and finished in matching melamine polish as directed.	Sqm	3,565.00
CARP 95	Providing and fixing wooden fire rated door frames as per BS: 476 part 22, IS:3614 Part II as per the prototype certified by CBRI Roorkee or equivalent lab, frame to be made out of fire rated wood as approved of section 120mm x 70mm for fire resistant doors of 120 minutes fire rating, with heat activated intumescent fire seal strips of size 02 nos. x 10 x 4mm (for smoke sealing) provided in grooves on all three sides of the frame with one coat of approved brand of fire retardant primer including two coats of fire retardant paint FRS 881 un thinned on cleared hard wood surface of door frames (@3.5 sq.m. per litre per coat) including preparation of base surface as per recommendations of manufacturer to make the surface fire retardant, including fixing the frame with 8 nos. 100mm long, 10mm dia metal dash fastners complete as per directions of the Engineer in charge. Basic Rate of Supply and Installation to be Rs 1,850 per Rmt excluding taxes but delivered at site.	Rmt	2,875.00
CARP 96	Supply & fixing of fully insulated wooden fire door of approved make of 120min. fire rating, of minimum 50mm thickness, comprising of 75mm x 44mm hardwood internal timber frame work, with infill insulation of 20mm thick of 96 kg/m3, wool insulation, coated with intumescent coating on both sides for insulation. The coated insulation shall be sandwiched between min 12mm thick Non Combustible (Calcium Silicate) Boards on both sides (edge to edge on internal Hardwood frame) and cladded with 3mm thick Commercial ply & 1mm thick Laminate (approved shade and colour) on both sides, with 50mm x 14mm exposed teak wood lipping all round the shutter. The shutter shall be fitted with fire & smoke intumescent seal of size 20 x 4mm on all the three sides except bottom. The pasting of the ply / laminate should be done using automatic machine and should be free from any nails or perforations.	Sqm	10,350.00

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
<u>Schedule of Rates</u>			
S.No.	Item Description	Unit	Rate (in Rs.)
	The board shall be Resistant to vermin, mould growth, minor impact, abrasion and short term water attack and shall be Off –white in colour with a smooth surface suitable to receive most forms of decoration having following technical characters i.e.; The Construction design similar to NWD12050 and similar to the design tested as per BS 476 part 22 and IS 3614 Part II, at CBRI, Roorkee or equivalent lab. The shutter can be provided with appropriate openings for view panel glass, if required. Basic Rate of Supply and Installation to be Rs 6,650 per Rmt excluding taxes but delivered at site.		
CARP 97	Providing and fixing SS Ball Bearing Hinges of approved make CE marked to all door shutter with the frame, of size 100x75x3mm of approved make fixed with necessary SS Screws. Basic Rate of Hinges to be Rs 200 per Nos excluding taxes but delivered at site.	Nos	373.75
CARP 98	Providing and fixing glazing of toughened glass panels (vision Panel) of 6mm thickness in door shutters etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. The glass should be compliant to class 2B2 category of Impact Resistance as per EN 12600. and is to be used as vision panel including cost of fire rated ceramic tape and moulding/beading all complete. Basic Rate of 6mm thick clear float glass to be Rs 800 per Sqm excluding taxes but delivered at site.	Sqm	1,667.50
	Supply and Installation of SS 304 grade Pull Handles, of approved make with necessary screws etc. complete.		
CARP 99	"H" type Stainless Steel (304 grade) stain finished pull handle of approved make, back to back fixing accessories, wood and metal doors. The pull handles should have supporting washer with raised bevelling on the outer surface, SS 304 grade. Size 25 x 450mm Basic Rate to be Rs 2000 Pair excluding taxes but delivered at site.	Pair	3,795.00
CARP 100	"H" type Stainless Steel (304 grade) stain finished pull handle of approved make, back to back fixing accessories, wood and metal doors. The pull handles should have supporting washer with raised bevelling on the outer surface, SS 304 grade. Size 25 x 600mm Basic Rate to be Rs 2300 Pair excluding taxes but delivered at site.	Pair	3,967.50
CARP 101	Providing and fixing of Pair Design Lever Handle on Roses & escutcheons of approved make inclusive of mortise sash lock, Escutcheon etc complete. Lever Handle: 19mm dia Lever handle sprung loaded on with dia.53x10(H)mm rose, steel base in T1.2mm. Supplied with bolt through fixing & decorative ring. Suitable for 40 to 50mm door thickness, Grub screw fixing onto 8mm x 110mm spindle. Longer spindle available for thicker door. Material: Stainless Steel 304, Finish: Satin, Size: 135mm x 65mm projection from door surface. packed with 4pcs 8#x20mm wooden screw.Escutcheon included. 55mm backset Sash lock with double through deadlocking dead bolt,and latch bolt, forend & strike plate; forend size: 20x235mm; backset:55mm, distance: 72mm 5 pin Euro profile knob cylinder with 3 keys, 70mm length Escutcheon 53mm (dia) x 10(H)mm made of SS 304 in satin finish with 38mm fixing center Supplied with 2 covers & 2 bases. Basic Rate to be Rs 2800 Set excluding taxes but delivered at site.	Set	4,600.00

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 102	Providing and fixing of Pair Design Lever Handle on Roses & escutcheons of approved make inclusive of mortise sash lock, Escutcheon etc complete. Lever Handle: 19mm dia Lever handle sprung loaded on with dia.53x10(H)mm rose, steel base in T1.2mm. Supplied with bolt through fixing & decorative ring. Suitable for 40 to 50mm door thickness, Grub screw fixing onto 8mm x 110mm spindle. Longer spindle available for thicker door. Material: Stainless Steel 304, Finish: Satin, Size: 135mm x 65mm projection from door surface. packed with 4pcs 8#x20mm wooden screw.Escutcheon included. 55mm backset Sash lock with double through deadlocking dead bolt,and latch bolt, forend & strike plate; forend size: 20x235mm; backset:55mm, distance: 72mm Euro profile of 70mm length inner side thumb turn and outer side emergency release Escutcheon 53mm (dia) x 10(H)mm made of SS 304 in satin finish with 38mm fixing center Supplied with 2 covers & 2 bases. Basic Rate to be Rs 2700 Set exluding taxes but delivered at site.	Set	4,427.50
CARP 103	Providing and Fixing Dead Lock of approved make , 155mm backset double through Dead lock with 20mm bolt projection body in Powder coated finish includes SS 304 forend of size: 20 x 235mm, strike plate & fixing screws for wooden / metal door. 5 pin Euro profile knob cylinder with 3 keys, 70mm length Escutcheon 53mm (dia) x 10(H)mm made of SS 304 in satin finish with 38mm fixing center Supplied with 2 covers & 2 bases. Basic Rate to be Rs 1800 Set exluding taxes but delivered at site.	Nos	3,277.50
CARP 104	Providing and fixing Mortice shaft dead bolt / Lock with alen key of approved make, with BS 57mm and 25mm Sq forend with escutcheons in SS 304 grade. Basic Rate to be Rs 430 Nos exluding taxes but delivered at site.	Nos	690.00
CARP 105	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete. Basic Rate to be Rs 4300 Nos exluding taxes but delivered at site.	Nos	6,762.00
CARP 106	Providing and fixing of UL listed fire rated single / double leaf panic exit devices and Panic Trim/ Panic bar tested in accordance with BS - N 1125: 1997 & BS - N 179: 1997b - N 1670 (C orrosion R esistant)b & BS 476 Part 22 (for fire rating) with min. one year warrantee. Basic Rate to be Rs 8000 Set exluding taxes but delivered at site.	Set	13,800.00
CARP 107	Providing and fixing double action hydraulic floor spring with stainless steel cover plate minimum 1.25mm thickness of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. Basic Rate to be Rs 6500 nos exluding taxes but delivered at site.	Nos	8,952.75
CARP 108	Providing and fixing Sliding System for wooden sliding doors of Geze / Hafele / Dorma make. Inclusive of sliding channel, guard rail, rollers, door stopper, side channel etc complete. Satin anodised aluminium finish (Including mounting bracket) Basic Rate to be Rs 5000 Nos exluding taxes but delivered at site.	Set	8,952.75
	Providing and fixing Stainless Steel (304 grade) door stopper, of approved make ISI marked, with necessary screws etc. complete.		-
CARP 109	Half Moon Floor mounted Basic Rate to be Rs 190 per Nos	Nos	287.50
CARP 110	Wall door stop 82mm projection Basic Rate to be Rs 275 per Nos	Nos	437.00
CARP 111	Supply and Installation lever action tower bolt of approved make, size 250mm x 20mm for door in satin chrome SS 304 grade with necessary screws etc. complete all as per manufacturer's specifications. Basic Rate to be Rs 450 per Nos	Nos	1,052.25
CARP 112	Supply and Installation lever action tower bolt of approved make, size 150mm x 20mm for door in satin chrome SS 304 grade with necessary screws etc. complete all as per manufacturer's specifications. Basic Rate to be Rs 350 per Nos	Nos	897.00
Wooden Lead Lined Doors			

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 113	Providing & fixing of Wooden lead lined door from Single / Double leaf to required sizes of approved make, consists of frame, shutter and finish as detailed below. Door frame shall be Single rebate profile of size 120 x 70 mm made out of teak Wood (Ivory Coast). Frames shall be Butt jointed and field assembled with self tabs. The Shutter & Frame Shall be fully lead lined of min of 2mm lead Sheet with 99% purity and as defined by AERB. All provision should be mortised, drilled and tapped for receiving appropriate hardware. Rubber door silencers should be provided on the striking jamb. Frames should be fixed by anchor fasteners for installation on a finished plastered masonry wall opening.	Sqm	28,175.00
	Door leaf shall be 44mm thick with commercial ply & 1mm laminate both side with vision panel of size as per drgs in Lead Glass as recommended by AERB/DRC. The internal construction of the door should be rigid with lead line of 2mm thick all across the inside of the exposed surface. In addition the door should have a basic infill ROCK WOOL with necessary reinforcement both on top and bottom. All doors should be factory prepped for receiving appropriate hardware and provided with necessary reinforcement for hinges, locks, and door closers as per ANSI Standard .The door Leaf & Frame shall be in a position so that Lead Line should overlap. Basic Rate of Supply and Installation of Door to be Rs 18750 per Sqm excluding taxes but landed at site.		
	Wooden Lead Lined Partition		
CARP 114	Providing and fixing Lead Lining cum 2hr Fire rated glazing in Walls opening, of 11mm thick clear having 120 min fire rated and partially insulated (EW120), Non Wired Toughened, interlayered glass having a sound reduction of >37dB, LT of 86% and compliant to class 2(B) 2 category of Impact Resistance as per EN 12600 standard approved make. Prototype Test certificate for fire rating of doors from CBRI, Roorkee for earlier tested design shall be attached along with manufacturers test certificate. Rate to be inclusive of fire rated ceramic tape and teak wood moulding/beading all complete as approved. Rate to be inclusive of wooden beading to be fully lead lined of min of 2mm lead Sheet with 99% purity and as defined by AERB. Basic Rate of Supply and Installation of Partition to be Rs 32500 per Sqm excluding taxes but landed at site.	Sqm	47,150.00
CARP 115	False floor with anti-static laminate (panels with cementitious infill)		
	Providing and fixing Access floor systems as per below mentioned specifications. The access floor system to be installed shall provide a maximum finished floor height of 300mm from the existing floor level. The system shall provide for suitable Floor tiles, pedestals and stringers designed to withstand various static loads and rolling loads. The entire Access floor system shall be made from below mentioned types of tiles and shall provide for adequate fire properties, acoustic barrier and air leakage resistance. The system shall be able to accept an approved laminated floor covering i.e. Anti-static PVC / High pressure Laminate with PVC beading on the edges of the tile. The system shall be able to withstand a UDL of 1350 Kgs per Sqm and a Point Load of 450 Kgs. The pedestal will withstand Axial load of 2200 Kgs.	Sqm	4,025.00
CARP 116	Supply and Installation of Roller Blinds with head channel, traversing cord, and warranty etc as per manufacturer's specifications. Fabric to be as per approved sample. Consider Basic rate of Fabric as 400/Rmt and System Cost to be Rs 950 per Sqm excluding taxes but delivered at site. Make: Vista, Marvel, Mac	Sqm	1,437.50
	Composition : 22% Polyester, 78% PVC Openness Factor : 5% Thickness : 0.55 + .5% (mm) (ISO 2286-3) Mass Weight (g/m2) : 480 + .5% (ISO 2286-2) yarn Diameter (inch) : 0.013 X 0.013 Mesh (Inch) : 48 X 48 FIRE CLASSIFICATION - (NFPA 701) SMALL SCALE TESTING I S O – 5659-2 BREAKING RESISTANCE (WARP 152.6 daN+- 5%) (WEFT 141.2 daN +- 5%) (ISO- 5081) ENVIRONMENT : (FREE OF HARMFUL SUBSTANCE) WIDTH : 1.5M, 2.5 M, 3 MTR		

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
	U V – RESISTANCE:APPROXIMATE 95%		
	PATTERN : BASKET FWILL OR AS APPROVED		
CARP 117	Supply and Installation of Fabric Curtain made of fabric and with matching lining on back side as per approved shade, design by architect. The rate to include providing and fixing of black matt anodised aluminium curtain rod, 25mm dia with brackets, rollers for effortless sliding, cost of stitching, transportation, loading ,wastage, taxes etc. nothing will be paid extra. Basic rate of fabric upholstery – Rs. 600 / Rmt (inclusive of fabric for lining). The measurement of the item shall be on sq.mtrs area of opening area Length of Rod x Height of opening.	Sqm	3,450.00
CARP 118	Providing and Fixing 10mm x 10mm Matt anodised Anodised Aluminium Trim of approved sample	Rmt	402.50
CARP 119	Providing & fixing of PVC & aluminium hand rail inside aluminium thickness not less than 2 mm in single cap with bow peice at the end as per manufacturer standard specification & approved by Architect. Rate has to be inclusive of all required necessary hardware & fittings as required & instructed by architect. Rate shall be include with all material shifting, temporary stand & scaffolding where ever required as per instruction by Engineer-In-Charge. Rate shall be include with material movement & shifting for all the floors. Basic Rate to be Rs 1850 per Rmt excluding taxes but delivered at site.	Rmt	3,392.50
CARP 120	Providing & fixing of PVC & aluminium Corner guard 90 degree with cap inside aluminium thickness not less than 2 mm standard specification & approved by Engineer-In-Charge. Rate has to be inclusive of all required necessary hardware & fittings as required & instructed by architect. Rate shall be include with all material shifting, temporary stand & scaffolding where ever required as per instruction by Engineer-In-Charge. Rate shall be include with material movement & shifting for all the floors. Basic Rate to be Rs 570 per Rmt excluding taxes but delivered at site.	Rmt	1,380.00
	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :		
CARP 121	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	sqm	1145.95
CARP 122	12.5 mm thick tapered edge gypsum moisture resistant board	sqm	1300.5

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.		
CARP 123	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.	sqm	1531.13
CARP 124	GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	sqm	1395.62
CARP 125	12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.	sqm	1708.86
CARP 126	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	sqm	40.77
CARP 127	Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by Engineer-in-charge.	sqm	719.68
CARP 128	Providing and fixing 19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand boxes,shelves,racks,almirah,cupboard,podium and drawer etc. including necessary nails,screws etc. complete as per direction of Engineer-incharge.	sqm	2051.38
CARP 129	Making an opening in gypsum wall and finish in all respect gypsum plater; Size 1000mmx2100mm	Nos	2187
CARP 130	Making an opening in gypsum wall and finish in all respect gypsum plater; Size 1200mmx2100mm	Nos	2200
CARP 131	Supply and fixing bilingual signage (Hindi & English) matte finish look such as sticker type signage at site (on door or similar locations) in proper line & level. The signage letters shall be made with premium quality ACP/Acrylic sheet Board of approved colour, pasted on self-adhesive film of approved colour, including supply of all material labour etc. required for proper completion of work. Before making the signage text & font of letters in best fit size will be set in computer so as to give aesthetic look . complete as per direction of Engineer-in-charge	sq. inch	3.817

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
CARP 132	Supply and fixing bilingual signage (Hindi & English) matte finish look such assignage will be with the hanged from the ceiling with the help of hooks & chains complete work proper line & level. The signage letters shall be made with premium quality ACP Board of approved colour, pasted on self-adhesive film of approved colour, including supply of all material labour etc. required for proper completion of work. Before making the signage text & font of letters in best fit size will be set in computer so as to give aesthetic look . complete as per direction of Engineer-in-charge	sq. inch	4.95
CARP 133	Supply & fixing bilingual signage (Hindi & English) letters made with as per the approved size & shade including fixing on existing singnage suface in required height line & level including s/o all T&P etc. required for proper completion of work. complete as per direction of Engineer-in-charge	sq. inch	1.903
Aluminium Works			
AL-1	Providing and fixing aluminium partition to the required height partly glazed and partly panneled or fully glazed or fully panneled using aluminium section of approved make heavy quality section 3" x1½ " / or of various section lesser than mentioned size as approved by EIC. The Aluminium section shall be of Satin finish anodizing of required size for bottom, top, middle and vertical rails at required intervals panneling with 12mm thick nova pan or ancholam both side pre-laminatd board fixed with sloping aluminium beeding alround with neoprine gasket glazing with 5.5mm forsted/ bajri/ plain glass of approved make like M/s.Triveni, Shri.Vallabh/J/A/G pilkinten fixed with aluminium channel beeding two way PVC lining/ rubber gasket to ensure water tightness and no rattaling including providing necessary cover mould using suitable aluminium section so as to take care of gaps between the walls/ ceiling / flooring and partitions etc. including providing and fixing necessary fittings as specified and directed.		
AL-1A	Without powder coating		
AL-1A 1)	Partly glazed partly panneled.	Sqm	2,915.55
AL-1A 2)	Fully glazed	Sqm	2,727.45
AL-1A 3)	Fully panneled	Sqm	2,821.50
AL-1B	With powder coated partitions		
AL-1B 1)	Partly glazed partly panneled.	Sqm	3,291.75
AL-1B 2)	Fully glazed	Sqm	2,915.55
AL-1B 3)	Fully panneled	Sqm	2,915.55
AL-2	Providing fixing door frame and shutter side hung to consist of partly glazed partly panneled/ fully panneled/ fully glazed with 5.5mm thick glass sheet of approved make and quality plain or frosted of bajri glass of approved make like M/s. Triveni/Shri Vallabhj/J//A/G pilkinten fixed with two way PVC lining/rubber gasket to ensure notes tightness and no rattaling and panneling with 12mm thick nova pan or Ancholam finished on both side as required using extruded aluminium section for shutter frame jindal 2425 45 45mm satin finish anodized including P/F push-pull plates handles and of approved make and heavy duty fittings like tower bolts of Archies/Everite make Motice lock of Laxmi/Gold locks with keys hinges of 5 inch or 6 inch as per requirement hydraulic door closer/ floor spring of Henco/Hyper/Everite make of suitable capacity etc. complete as specified and directed.		
AL-2A	Without powder coating	Sqm	3,762.00
AL-2B	With powder coated	Sqm	4,138.20

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
AL-3	Providing and fixing sliding door to consist of partly glazed paneled / fully paneled / fully glazed with using 5.5mm thick glass sheet of approved make and quality plain/ forsted / bajri glass of approved make M/S. Triveni/Shri. Vallabh/J/A/J pilkinten fixed with aluminium slopping channel beeding with two nay PVC lining/rubber gasket to ensure water tightness and no rattaling and paneling with 12mm thick nova pan or ancholam board prelami rated on both side as required 15 section, guiding rail section 2635, vertical rails section 4506 including providing PVC Guidrails of six 12mm x75mm as required at size concealed type locking arrangement with Laxmi of Gold make lock and heavy duty handle set as per requirement including providing and fixing pelmet of 18mm thick commercial ply of kitply/Mysor/Century/Anchor make with approved laminate of 1.5mm thick and teak wood lipping patti and non-laminated surfaces should be polished with approved french polish at required shade and colour.		
AL-3A	Without powder coating		
AL-3A 1)	Partly glazed partly paneled.	Sqm	3,244.73
AL-3A 2)	Fully paneled.	Sqm	2,812.10
AL-3A 3)	Fully glazed.	Sqm	2,703.94
AL-3B	With powder coating		-
AL-3B 1)	Partly glazed partly paneled.	Sqm	3,461.04
AL-3B 2)	Fully paneled.	Sqm	3,244.73
AL-3B 3)	Fully glazed.	Sqm	3,244.73
	DWARF PARTITION		
AL-4	Providing and fixing dwarf partitions similar to the existing one of approx. ht. About 5ft with approved make heavy duty aluminium extruded sections of approved make heavy duty 4" x 2" satin finish anodizing of required size and providing pannel of 12mm thick nova pan of ancholam finished on both sides with approved plastic lamination with approved colour or design aluminium bewelled bedding on both sided to the pannels around including providing necessary hardware to keep the partition stable and firm all as per the site condition of dwarf partition as above but aluminium section satin finish anodized.		
AL-4A	Dwarf partition as above but aluminium section satin finish anodized.	Sqm	2,821.50
AL-4B	Alternatively quote rate only for the above but finishing shall be approved coloured powder coating finish min. of microns 7 taan finish.	Sqm	3,244.73
AL-5	Removing the existing partitions/ doors and handing over the same at required place indicated by the engineer in charge. etc. complete.	Sqm	141.08
AL-6	Aligning the aluminium door shutter at any floor including removing existing door shutter and strenghening the same with minor repairs with necessary hard wares such as replacing of screws, wooden block packings in aluminium section at every joint to make it stiff and providing and fixing Langle heavy duty for all corners/joints, overailing the floor spring, door closure locking arrangement to make door shutter fully serviceable condition and refixing the same etc. at various location as per requirement as specified and as directed. Note : Afer completion of such job contractor shall give guarantee of six months. (this is applicable specially for the item in question)	Nos	470.25
AL-7	Providing and fixing or replacing following fittings by removing the old fittings at various locations including cost of all other materials labour and necessary allied works and handing over the old material to the Dept. all complete as specified and directed.		
AL-7A	Floor springs Everite / Ozone /Godrej/Dorma	Nos	3,569.20
AL-7B	Door closer Ozone/ Godrej/Everite / Henko / Hyper	Nos	973.42
AL-7C	Doorlock/DECO (GOLD)/Vijavan		
AL-7C 1)	Hinged or pivoted shutter	Nos	540.79
AL-7C 2)	Sliding door	Nos	489.06
AL-7D	Pivots	Nos	380.90
AL-7E	Rail for sliding door (set)	Rmt	1,410.75
AL-7F	PVC lining /Two way Rubber Gasket	Rmt	23.51
AL-7G	Alumimium beeding patti		
AL-7G 1)	Slopping beeding patti	Rmt	47.03
AL-7G 2)	U channel beeding patti	Rmt	42.32
AL-7G 3)	F channel beeding patti	Rmt	32.92
AL-7H	Aluminium door shutter section for side, top, bottom and middle. (Various sizes)	Rmt	164.59

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
AL-7I	12mm thick nova pan both side laminated.	Sqm	1,194.44
AL-7J	Heavy duty handle of approved make (Round or rectangles)	Nos	65.84
AL-7K1)	Ctype handle - (a) 3 inch	Nos	42.32
AL-7K 2)	Heavy duty - (b) 4 inch	Nos	47.03
AL-7K 3)	Archies make - (c) 5 inch	Nos	56.43
AL-7K 4)	- (d) 6 inch	Nos	65.84
AL-7L	Heavy duty tower bolts of Archies –		
AL-7L 1)	3 inch long	Nos	32.92
AL-7L 2)	4 long	Nos	51.73
AL-7L 3)	5inch long	Nos	65.84
AL-7L 4)	6 inch long	Nos	84.65
AL-7L 5)	8 inch long	Nos	122.27
AL-7M	Heavy duty aluminium aldop of approved make.		
AL-7M 1)	8 inch long	Nos	164.59
AL-7M 2)	10 inch long	Nos	206.91
AL-7M 3)	12 inch long	Nos	244.53
AL-7N	Heavy duty hinges Archies/Averite make		
AL-7N 1)	Aluminium hinges – (a) 3 inch	Nos	61.13
AL-7N 2)	(b) 4inch	Nos	70.54
AL-7N 3)	(c) 5 inch	Nos	84.65
AL-7 N 4)	(d) 6 inch	Nos	98.75
AL-7O	Aluminium flat Nosing strips		
AL-7O 1)	32 mm wide	Rmt	216.32
AL-7O 2)	40 mm wide	Rmt	272.75
AL-7P	Aluminium 'L' type nosint strips		
AL-7P 1)	50mm	Rmt	324.47
AL-7P 2)	65mm	Rmt	380.90
AL-7P 3)	Aluminium Tadi patti 10 inch	Nos	192.80
AL-8	Providing and fixing aluminium partition of approved make conforming to IS: 733 and IS: 1285 having section thickness of min. 2mm to the required height, partly glazed and partly paneled or fully glazed or fully paneled using aluminium section satin/matt finish anodizing of required size for bottom, top, middle and vertical rails at required intervals paneling with 12mm thick nova pan or ancholam/WPC both side pre-laminated board fixed with sloping aluminium beeding alround with neoprene gasket glazing with min. 5.5mm forsted/plain glass fixed with aluminium channel beeding two way PVC lining/ rubber gasket to ensure water tightness and no rattaling including providing necessary cover mould using suitable aluminium section so as to take care of gaps between the walls/ ceiling / flooring and partitions etc. including frosted/Black/brown film & providing and fixing necessary fittings as specified and directed. (Make- Jindal, Indal, Hindalco)		
	With powder coated partitions (minimum thickness of powder coating 50 micron)		
	Partly glazed and partly paneled or fully glazed or fully paneled	sqm	3,682.80
AL-9	Providing and fixing aluminium of approved make conforming to IS: 733 and IS: 1285 having section thickness of min. 2mm door frame and shutter side hung/sliding to consist of partly glazed partly paneled/ fully paneled/ fully glazed with 5.5mm thick glass sheet, plain or frosted glass fixed with two way PVC lining/rubber gasket to ensure notes tightness and no rattaling and paneling with 12mm thick nova pan or Ancholam/WPC board finished on both side as required using extruded aluminium section for shutter frame satin finish anodized including frosted film , P/F push-pull plates handles and of approved make and heavy duty fittings including tower bolts, hydraulic door closer/ floor spring, handles etc. including frosted/Black/brown film as per requirement of suitable capacity etc. complete as specified and directed by Engineer In charge. (Make- Jindal, Indal, Hindalco)		
	With powder coated partitions (minimum thickness of powder coating 50 micron)	sqm	4,604.60

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
AL-10	Providing and fixing in position aluminium openable window shutter with frame fully glazed / aluminium grills with using 5.5mm thick glass sheet of approved make and quality plain / frusted / bajari glass of approved make Triveni / Shri Vallabh / J / A/ G/ pilkinten fixed with aluminium beeding channels with two way rubber gasket / PVC lining to ensure water tightness and no rattling for aluminium grill fixing with F channel beeding using satin finish anodized 15 micron jindal approved havey duty sections for shutters and frame of required size and sections including using aluminium / S.S. hinges of required size of Archies make, tower bolt of required size of Archies make , C type aluminium handle for shutter of Archies make and other necessary hardware as per requirement etc. complete all as per specified and directed by Engineer in charge.		
AL-10A	Openable windows with glass shutters	Sqm	2,257.20
AL-10B	Openable windows with aluminium grills	Sqm	2,445.30
AL-10C	Openable glass window shutter with powder coating	Sqm	2,821.50
AL-10D	Alumn. Sliding window without powder coated	Sqm	2,539.35
AL-10E	Alumn. Sliding window with powder coated	Sqm	2,539.35
AL-11	Providing and fixing aluminium grills of approved pattern/design (NO.118 or equivalent) over the existing counter including additional anodized aluminium frame work of 1ft x2 ft of heavy guage including fixing at site as specified and directed by engineer in charge.	Sqm	2,324.92
AL-12	Removing old aluminium partition with all fittings transporting to the required place in T.M.C. premises and refixing the same after making the required modification adding the required aluminium sections at the new site of work including materials labour etc. complete as directed by engineer in charge.	Sqm	282.15
AL-13	Providing and fixing in position aluminium adjustable louvers glazing etc. with extruded and integrated anodised (15 micron) aluminium section manufactured to relevant I.S. standards specifications and glazing with frosted / Bajri glass, aluminium beeding, PVC lining, brass cadium plated screws, mastic filling with strips, nuts, washers, etc. fixed on plastered surfaces.	Sqm	973.42
AL-14	Fxing available partition with necessary modification including transporting th material at site, using accessory were material and labour etc.Complete all as per specified and directed by th Engs-Incharge.	Sqm	141.08
AL-15	Providing and fixing bacalite of approved shade / make sheet door shutter with frame (aluminium) required size and of approved colour frame made out from Rectangular / H / A section of 14 gauge 15 micron anodized / powder coated 20mm x 40mm zindal section with aluminium hinges / SS hinges, handles / knob /aldrop tower bolt / all locking arrangement etc. all as per specification and directed by the engineer in charge.		
AL-15A	Single leaf shutter with powder coated aluminium frame (Heavy duty)	Sqm	2,163.15
AL-15B	Double leaf shutter with powder coated aluminium frame (Heavy duty)	Sqm	2,257.20
AL-16	P/F Aluminium partiion with 2" x 2" other various size section of heavy qualityJindal make & heavy duty with all necessary allied works & material as directed by Engineer-in- charge.	Kg	357.39
AL-17	Providing & fixing storage unit with openable shutter /sliding door made of aluminium section & cement (bison) board with shelves of WPC/Novapan board. Shutter made of aluminium section with glass of 5.5 mm thickness as front viewing panels & design frosting sheet with all necessary hinges, locking arrangement, handles etc. as required and as per directions of Engineer-in-charge. <i>(The height & depth of the storage unit will be as per site & user requirements)</i>	rmt	12,980.00
AL-18	Providing louvered opening in window shutter including removing of existing glass and refixing the same making the opening providing and fixing ACP/WPC sheet & Aluminium louvers complete in all respect as per directions of Engineer-In Charge.	Sqm	2,530.00
AL-19	Providing & fixing Cubical/Curtain Tracks, Made of Aluminium Alloy with 50-60Microns thick in white/Ivory color finish. Tracks are bent to a radius of 300mm at 90 degree to cover the whole bed or any designated area	rmt	1,980.00
AL-20	Providing & fixing Curtains are made of synthetic material of premium quality, Stain Retadtant, Antibacterial Superior quality of 7 ft or 9ft height with hooks	nos.	1,650.00

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
<u>Schedule of Rates</u>			
S.No.	Item Description	Unit	Rate (in Rs.)
AL-21	Providing & Fixing up of Sun Control Non Reflective window film of Garware (NR Charcoal 20) or 3M or Equivalent make in required sizes having the following specification: ; If used 1/8 inch clear glass following parameter should be fulfilled Thickness-1 mm; Visible light transmittance-21%; Visible light reflectance- 5%; Solar Energy Transmittance-45%; Solar Energy reflectance-6%; Solar Energy Absorbance-49%; Ultraviolet transmittance < 1%; Glare reduction -77%; Shading coefficient-0.68; Emissivity-0.86; U Factor(BTU/hr./Sq.ft.)-1.15; Total Solar Energy rejection-42% Complete job to be carried out as per the specification and direction of Engineer-in-charge.	sqft	75.35
AL-22	Providing and fixing of frosted film of approved make on door & window glasses as per approved pattern / design complete in all respect as per direction of Engineer in-charge and as per site conditions. The colour and design will be approved by the competent authority (Make- Garware or 3M)	sqft	53.35
AL-23	Providing & fixing ACP Board with Vinyl film pasted having painted English/Hindi matter of required Size on the existing wall with help of making necessary holes etc as required adhesive material etc. complete as per direction of Engineer-in-charge.	sqft	616.00
AL-24	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	kg	560.85
PVC 1	Levelling the floor with plaster of Paris cement IPS as required at site all as complete with necessary backing the surface curing the surface ready to fix PVC tiles etc. complete as specified and directed by Engineer-In-Charge.	Sqm	1,504.80
PVC 2	Providing and fixing 12mm thick glass shelves of approved make & size with fixing wall brackets or any other arrangements all necessary allied works. The edges of the glass to be polished etc all complete as directed by Engineer-in-charges	Nos	94.05
PVC 3	Repairing & Refixing existing handles of doors, windows etc with all necessary allied works & fixtures.	Nos	470.25
PVC 4	Providing FRB shutter of 30 mm including all fitting of approved make of quality brass/SS such as hinges , tower bolts, locking arrangement with screw etc. Specified & directed by EIC.	Sqm	1,497.28
PVC 5	Providing and fixing Aluminium composite panel cladding in metallic colour of approved shade mode out of 4 mm thick Aluminium composite panel material consists of 3 mm thick RF grade mineral core sandwiched between two aluminium sheets (each 0.5 mm thick) panel fixing in proper workmanship with selants or screws as required work includes transportation, labour , wastage fixing , cutting material all as required , directed by EIC.	No.	413.82
SS 01	Providing and supplying Stainless Steel table of required dimensions as per site conditions made of SS 304 grade heavy duty of 16 gauge thickness. The supporting structure /frame should be of SS 304 grade heavy duty of 16 gauge thickness with SS bracing on three sides (except front) with necessary bending and moulding. The legs of the table shall have nylon adjustable bullet feet for floor adjustment. The table should have load carrying capacity of min. 150 kgs & material shall be corrosion resistance with long duration life.	No.	22,000.00
SS 02	Providing and supplying Stainless Steel trolley of required dimensions as per site conditions made of SS 304 grade heavy duty of 16 gauge thickness with one under shelf. The supporting structure /frame should be of SS 304 grade heavy duty of 16 gauge thickness with SS bracing on three sides (except front) with necessary bending and moulding. The legs of the trolley shall have wheel arrangement. The trolley shall have load carrying capacity of min. 100 kgs & material shall be corrosion resistance with long duration life.	No.	12,100.00
<u>Glass Partition in Channels</u>			
GP-1	Providing and fixing full height Glass Partition consisting of the following. <u>MODE OF MEASUREMENT TO BE PARTITION UP TO FALSE CEILING</u>	Sqm	6,900.00

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
	Providing and fixing Aluminum powder coated section of size 20x20mm and profile as per drawings grouted in the floor and on top. The thickness of the section to be 2mm. The channel to be kept ready to take on Glass. SS should conform to 304 grade/The powder coating to be at least 50 microns..		
	Providing and fixing Beachwood beading of size and profile as per drawings finished in approved melamine polish with/without architrave as shown in the drawings.		
	Providing and fixing 12mm thick clear toughened glass of approved make fixed on to the existing Channel sections at the bottom and top. Joints between Glass to be filled with clear acoustic sealant of approved make. Rate to also include necessary gaskets at all edges of glass. Rate to be inclusive of installation of Safety film on glass at factory and removal of the film at time of handover.		
	The rate to be inclusive of aluminium framework of section 50mm x 50mm @ 600mm c/c above the glass and consisting of two skins of 12.5mm thick Gypboard (conforming to IS 2095-1996, part 1) screw fixed with 25mm and 50mm dry wall screws respectively at 300mm c/c to each side of framework up to the FC and one skin of Gypsum above the FC right up to the true ceiling with 50mm thick glass wool / rockwool insulation of density 24/32/48 kg per cum in between. Necessary cutouts shall be provided for taking of supply and return air ducts/openings which shall be neatly finished after fixing of ducts thereby leaving no gaps. The Gypsum below the FC should be ready to take on paint / wall paper		
	NOTES FOR MODULAR GLASS PARTITIONS		
	The rate quoted should be inclusive of the following		
	Installation of safety film on glass from factory and removal of the film at time of handover.		
	Installation of protective film on aluminum profiles from factory which will be removed at time of handover.		
	Modular Single Glass Partition with "I" section for glass panel joints		
GP-2	Supply and Installation of Single Glazed Partition systems, which includes 105mm wide x 45mm high or as approved proprietary sections of extruded aluminium matt anodized in approved colour finished all round the glass. Glass Panels comprising of 10mm thick clear toughened glass having polished edges of approved make. Partition height to be 2400mm from FFL. The linear joints between the glazed panels to be sealed with "I" Section finishes as per partition section and stucked high bonding double – side adhesive tapes from VHB 3M or BOW make. The partition to includes all types of connectors, profiles and accessories as per requirement of drgs. The partition to offer sound insulation Min 32 dB. All complete as per approval of designers & instruction of Architect. All measurements to be confirmed at site before execution. Shop Drawings to be provided for approvals before executing the work. Approved Make Otic Partitions, Infrasys, Kubik. Supply and Installed Rate of Partition System with glass to be Rs 4500 per Sqm excluding taxes but delivered at site. Glass approved Make: Saint Gobain / ASAHI	Sqm	6,325.00
GP-3	Providing and fixing non load bearing fixed frame for fire resistant glazed Partition for 120 min Fire Rating , made out to a profile of dimension 60mm x 70 mm of 1.6 mm thick galvanised steel sheet as per test evidence suitable for fixing fire rated glass for 120 min of both integrity & radiation control (EW120) & minimum 15min of insulation (EI15).The profile has to be fixed to the supporting construction by means of anchor fasteners of size M10 x 80, every 150 mm from the edges and every 500 mm (approx) c/c. Linear meaurement of frame shall be measured for payment. The frame shall be filled with mineral wool insulation of density min 96kg/m³. and finished with a approved fire resistant primer or Powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in- charge. Basic Rate for Supply and Installation of Door Frame to be Rs 1,000 per Rmt excluding taxes but delivered at site.	Rmt	1,725.00
	Metalic Frame , Door Shutter and Glass panel		

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
GP-4	Providing and fixing 60mm thick glazed fire resistant door shutters of 120 min Fire Rating confirming to IS:3614 (Part II) or EN1634- 1:1999, tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 120gm/m ²) duly filled mineral wool insulation having density min 96 kg/m ³ and fixing with necessary stainless steel ball bearing hinges of size 100x89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30micron etc all complete as per direction of Engineer-in-charge (panelling to be paid for separately). Basic Rate for Supply and Installation of Door Shutter Frame to be Rs 6,300 per Sqm excluding taxes but delivered at site.	Sqm	8,625.00
GP-5	Providing and fixing 2hr Fire Rated Glass Panels of required sizes as per drgs in fire resistant door shutters, partitions and vision panels in door shutters, fixed panels & partitions etc., with G.I. beading made out of 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/m ²) of size 20 x 33 mm screwed with M4 x 38 mm SS screws at distance 75 mm from the edges and 150 mm c/c , including applying a coat of approved fire resistant primer/powder coating of not less than 30micron on G.I. beading, & special ceramic tape of 5 x 20 mm size etc complete in all respect as per direction of Engineer-in-charge. The glass shall be clear, toughened, interlayered, non-wired fire resistant having 11mm thickness of approved brand with 120 minutes of fire resistance both integrity & radiation control (EW120) and minimum 15 min of insulation (EI15) and having a sound reduction of 37dB and LT of 86%. Glass shall be compliant to class 2(B)2 category of Impact Resistance as per EN 12600. The glass should be manufactured in UL & TUV audited Facility and including UL-EU Certification.The maximum glazing size cannot be more than 1100 mm x 2200 mm (w x h) or 2.42 sq mts in total area. The test report for the complete system (Glazed Door or Partition) will be considered valid only if it contains the stamp and signature of the authorized signatory from the glass manufacturer. (Actual glass size is to be measured at site for payments). Basic Rate for Supply of 2hr Fire Rated Glass panels for Doors, Partitions and vision panels to be Rs 30,000 per Sqm excluding taxes but delivered at site.	Sqm	44,275.00
Supply Only			
S-1	Providing aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with universal slide channel EN3-6 pump assembly and with necessary accessories and screws etc. complete. TS89F Dorma or Equivalent (Hafele/Geze)	Nos	9154
S-2	Providing aluminium extruded section body tubular type universal hydraulic door closer with std arm EN 3-4 finish and with necessary accessories and screws etc. complete. TS71/TS89F Dorma or Equivalent (Godrej/Hafele/Geze)	Nos	4050
S-3	DORMA Pure 8100 SS Lever Handle Sets ; (with 271a lock with epc 70mm BSK with 3 keys)- Stainless Steel Finish or Equivalent (Hafele/Geze/Godrej)	Nos	3552
S-4	SS 304 grade H type Pull handle, Dorma TG 9355 or equivalent (Hafele/Geze): Size 25x450	Nos	2300
S-5	SS 304 grade H type Pull handle, Dorma TG 9355 or equivalent (Hafele/Geze): Size 25x600	Nos	2645
S-6	SS 304 grade H type Pull handle, Dorma TG 9356 or equivalent (Hafele/Geze): Size 25x450	Nos	2300
S-7	SS 304 grade H type Pull handle, Dorma TG 9356 or equivalent (Hafele/Geze): Size 25x600	Nos	2645
S-8	70 mm Euro profile cylinder with both side key; Article 9113916 of Dorma or Equivalent (Hafele/Geze)	Nos	1100
S-9	60 mm Euro profile cylinder with both side key; Article 9113916 of Dorma or Equivalent (Hafele/Geze)	Nos	899
S-10	Euro knob cylinder with one side key ; Article 9116905 of Dorma or Equivalent (Hafele/Geze)	Nos	699
S-11	Sliding Channel For Shutter; SLM 80 for timber door 3m; Article 9112310 of Dorma or Equivalent (Hafele/Geze)	Nos	5750

TATA MEMORIAL CENTRE			
MAHAMANA Pt MADAN MOHAN MALVIYA CANCER CENTRE & HOMI BHABHA CANCER HOSPITAL			
Engineering Department			
NIT No. MPMCC&HBCH/ENGG/ARC/CARP-AL/2021/NIT/21 dated 09/11/2021			
Sub: : Annual Rate Contract for Carpentry and Aluminium works at MPMCC & HBCH, Varanasi (U.P) for the year 2021-22			
Schedule of Rates			
S.No.	Item Description	Unit	Rate (in Rs.)
S-12	Dead Lock of Dorma or Equivalent (Hafele/Geze/Godrej) , 155mm backset double through Dead lock with 20mm bolt projection body in Powder coated finish includes SS 304 forend of size: 20 x 235mm, strike plate & fixing screws for wooden / metal door. 5 pin Euro profile knob cylinder with 3 keys, 70mm length Escutcheon 53mm (dia)x 10(H)mm made of SS 304 in satin finish with 38mm fixing center Supplied with 2 covers & 2 bases.	Nos	1600
S-13	Mortice shaft dead bolt / Lock with alen key of Dorma or Equivalent (Hafele/Geze/Godrej), with BS 57mm and 25mm Sq forend with escutcheons in SS 304 grade.	Nos	687
S-14	SS 304 grade door stopper; Half moon floor mounted	Nos	218.5
S-15	SS 304 grade door stopper; wall door stop 82mm projection	Nos	316.25
S-16	Lever action Flush Tower Bolt of Dorma/ Hafele/ Geze; size 250x20mm	Nos	517.5
S-17	Lever action Flush Tower Bolt of Dorma/ Hafele/ Geze; size 150x20mm	Nos	402.5
S-18	UL listed fire rated single leaf panic exit devices and Panic Trim tested in accordance with BS - N 1125: 1997 & BS - N 179: 1997b - N 1670 (C orrosion R esistant)b & BS 476 Part 22 (for fire rating) with min. one year warrantee.; Dorma/Hafele/Geze/Godrej	Nos	9200
S-19	Toughened glass panels of 6mm thickness in door shutters etc. with EPDM rubber / neoprene gasket etc	sqft	85
S-20	SS ball bearing hinges (Heavy Duty)BB4330 ; size 100x75x3mm ; Dorma/Hafele/Geze/Godrej/Hettich	Nos	565.8
S-21	SS Auto close hinges (Heavy Duty) ; Hafele/Geze/Godrej/ Hettich	Nos	310.5
S-22	Anodized aluminium Auto close hinges (Heavy Duty) ; Hafele/Geze/Godrej/Hettich	Nos	133.4
S-23	SS Plain Hinges; Size 100x75x3; Dorma/Hafele/Geze/Godrej/Hettich	Nos	123.05
S-24	Brushed Finish 1.5mm thick SS kick plate (900mmx300mm)	Nos	1150
S-25	Powder coated Aluminium trim round profile 8mm	mtr	64.4
S-26	Adhesive PU spray foam (Soudal foam 1K or Equivalent); 750ml Bottle	Nos	862.5
S-27	Fire barrier foam (Hilti CP 606 or Equivalent); 310ml pack	Nos	569.25
S-28	Mineral fibre beveled tegular edged ceiling tiles 595 x595mm,16 mm thick; Make- Armstrong/USG boral/Saint-gobain	Sqm	835
S-29	GI Metal Tile Lay-in Perforated Tegular edge global white color tiles of Size 595x595 mm and 0.5 mm thick; Make- Armstrong/USG boral/Saint-gobain	Sqm	735
S-30	GI Metal Tile Lay-in Plain Tegular edge global white color tiles of Size 595x595 mm and 0.5 mm thick; Make- Armstrong/USG boral/Saint-gobain	Sqm	625
S-31	PVC Laminated Gypsum Tiles (Square edge) of Size 595x595 mm and 12.5 mm thick; Make- Armstrong/USG boral/Saint-gobain	Sqm	880
S-32	Double side foam tape (Size- 24mmx5mtr); Make: 3M/Scotch/Marksman	Pcs	250
S-33	Mirror Mount Tape (Size- 24mmx5m); Make: 3M/Scotch/Marksman	Pcs	525
S-34	Under-desk keyboard drawer (Metal) with telescopic channel	Pcs	1168.52
S-35	Suspended wedge nut (Type TR60) for service installation; M6	Pcs	30
S-36	Suspended wedge nut (Type TR60) for service installation; M8	Pcs	35
S-37	Suspended wedge nut (Type TR60) for service installation; M10	Pcs	45
S-38	Gull threaded GI Tie Rod 6mm/8mm/10mm	Kg	72
S-39	PVC Edge tape of approved shade (25mm)	Mtr	15
S-40	PVC Edge tape of approved shade (50mm)	Mtr	25
S-41	Set-up Box stand (Metal/PVC)	Nos	150
S-42	Central Lock for Pedestal Drawer (3 drawer set)	Nos	850
	Manpower		
M-1	Carpenter (1st class)	Day	784
M-2	Carpenter (Avg)	Day	749
M-3	Beldar	Day	645
M-4	Helper	Day	645