

Item Code	Description	Unit	Rate -LKR
Dm-29	Removing and stacking PVC or Zn/Al Down pipes, old or decayed, from existing building	m	53.00
Ew-23	Temporary shoring with 6mm thick steel plate with 2" diameter GI pipes vertically driven at 30" c/c permissible intervals and steel plate inserted between earth and pipes to the depth upto 8' as per drawing no SPES/Rate 23/ Ew 23.(contractor shall submit method statement to engineer's approval before excavation)	m ²	1,277.00
Bk-10	Cons. of soakage pit 1200 x 1200 x 2700 mm (8'-6") invert depth, (8'-6" deep from the sewer pipe) Brick walls 225 mm thick in 1:5 ct: sand mortar, including 1:2 ct, & sand plastering 1/2" thick finished smooth with neat ct. floating up to a depth of 6" below from the invert level of the sewer pipe & surround the con. pad . Concreting Ring beam, cover slab and pad (curb) with 1:2:4(3/4") conc. mixture. Reinforcing cover slab with 10.0 mm twisted deformed steel @ 6" cts. bothways and plastering curb 1:3 ct. & sand, 1/2" thick finished smooth with neat ct. floating 6" below ground level.inc: 2 nr of 10mm dia lifting handles (as per Draw No.SPES/Rate23/Bk-10.)	nr	144,853.00
Bk-11	Construction of urinal pit - 900 x 900 x 2400 mm (8'-0") invert depth,(8'-0" deep from the sewer pipe) Brick walls 225 mm thick in 1:5 ct: sand mortar, including 1:3 ct, & sand plastering 1/2" thick finished smooth with neat ct. floating up to a depth of 6" below from the invert level of the sewer pipe. Concreting cover slab and pad (curb) with 1:2:4(3/4") conc. mixture. Reinforcing cover slab with 10.0 mm twisted deformed steel @ 6" cts. both ways and plastering curb 1:3 ct. & sand, 1/2" thick finished smooth with neat ct. floating , with 2 nos lifting handles. (as per Draw No.SPES/Rate23/Bk-11.)	nr	101,927.00
Bk-12	Supplying & installing Cement Concrete Hume pipe soakage pit with precast cover slab -(900 dia x 2250 mm high) , (6'-0" deep from the sewer pipe). Rate to include for 225 mm thick in 1:5 ct: sand mortar Brick walls , around top of hume pipe & including 1:3 ct, & sand plastering 1/2" thick finished smooth with neat ct. floating up to a depth of 6" below from the invert level of the sewer pipe . Concreting pad (curb) on brick wall with 1:2:4(3/4") conc. mixture and plastering curb 1:3 ct. & sand, 1/2" thick finished smooth with neat ct. floating . (as per Draw No.SPES/Rate23/Bk-12.)	nr	104,504.00
Bk-13	Manhole 2'-0"x 2'-0"x 2'-0" (internally) concreting base 4" thick & channels with 1:2:4 (3/4") ct. concrete including 2" thick, concrete screed with 1:3:6 (1") con. mixture. 9" brick wall with 1:5 ct. mortar. Internally Plastered with 1:3, 3/4" thick ct. mortar with water proofing compound 10% (by cement) weight of cement as super latex 302 or equivalent finished smooth with neat ct. floating including channels & Pad plaster 1:3, 1/2" thick finished smooth with cement floating.shall be water tight. Rate to include for concrete cover slab 3" thick with 1:2:4 (3/4") con. mixture r/f with.10 mm dia. T.S rods @ 6" c/s. both ways, with 2 nos lifting handles. (as per Draw No.SPES/Rate23/Bk-13 .)	nr	37,236.00
Bk-14	Manhole 3'-6"x2'-0"x2'-0"(internally)concreting base 4" thick & channels with 1:2:4(3/4") ct. concrete Including 2" thick concrete screed with 1:3:6(1") con. mixture. 9" brick wall with 1:5 ct. mortar & internally Plastered with 1:3, 3/4" thick ct. mortar with water proofing compound 10% (by cement) weight of cement as super latex 302 or equivalent finished smooth with neat ct. floating including channels & Pad plaster 1:3,1/2" thick finished smooth with cement floating. Rate to include for concrete cover slab 3" thick with 1:2:4(3/4") con. mixture r/f with.10mm dia. T.S. rods @ 6" c/s. both ways, with 2 nos lifting handles.(Draw No.SPES/Rate23/Bk-14)	nr	51,340.00

C.B.A

Bk-15	Manhole 1'-6"x 1'-6"x 1'-3" (internally) concreting base 4" thick & channels with 1:2:4 (3/4") ct. concrete including 2" thick, concrete screed with 1:3:6 (1") con. mixture. 4" concrete wall with 1:2:4 (3/4")con. mixture . Internally Plastered with 1:3, 3/4" thick ct. mortar with water proofing compound 10% (by cement) weight of cement as super latex 302 or equivalent finished smooth with neat ct. floating including channels & Pad plaster 1:3, 1/2" thick finished smooth with cement floating.shall be water tight. Rate to include for concrete cover slab 3" thick with 1:2:4 (3/4") con. mixture r/f with.10 mm dia. T.S rods @ 6" c/s. both ways, with 2 nos lifting handles. (as per detail Draw No.SPES/Rate23/Bk-15.)	nr	17,977.00
Bk-16	Septic tank for 25 persons(8'-0" x 2'-6" x 4'- 6") deep from the invert depth). L1- 9'-0" ,L2- 2'- -6" & d - 4' -6" Dimension of septic tank with 9" thk Brick wall.(must be watertight) Rate to include for rainforced concrete cover slab with 1:2:4 (3/4") con. mixture , with 4 nos lifting handles, including plaster1:3, 3/4" thick ct. mortar with water proofing compound 10% (by cement) weight of cement as super latex 302 or equivalent & pad plaster 1:3 1/2" thick finished smooth(must be applied two coats of anticorrosive to handles). Septic tank should be filled with water up to TW level before using(Draw No.SPES/Rate23/Bk-16)	nr	203,680.00
Bk-17	Septic tank for 50 persons (9'-9" x 3'-0" x 5' - 0" deep from the invert depth). L1- 5'-6" ,L2- 3' -6" , L3- 3' -0" & d- 5' -0" Dimension of septic tank.(must be watertight)Rate to include for 75mm thick reinforced concrete cover slab with 1:2:4 (3/4") con. mixture , with 4 nos lifting handles, including plaster 1:3, 3/4" thick ct. mortar with water proofing compound 10% (by cement) weight of cement as super latex 302 or equivalent & pad plaster 1:3 1/2" thick finished smooth(must be applied two coats of anticorrosive to handles). Septic tank should be filled with water up to TW level before using(Draw No.SPES/Rate23/Bk-17)	nr	292,007.00
Bk-18	Septic tank for 100 persons (13'-9" x 3'-6" x 5' - 0" deep from the invert depth). L1- 8'-6" ,L2- 4' -6" , L3- 3' -6" & d- 5' -0" Dimension of septic tank.(must be watertight)Rate to include for 75mm thick reinforced concrete cover slab with 1:2:4 (3/4") con. mixture , with 4 nos lifting handles, including plaster 1:3, 3/4" thick ct. mortar with water proofing compound 10% (by cement) weight of cement as super latex 302 or equivalent & pad plaster 1:3, 1/2" thick finished smooth(must be applied two coats of anticorrosiveto handles). Septic tank should be filled with water up to TW level before using(Draw No.SPES/Rate23/Bk-17)	nr	396,506.00
Bk-19	Supplying & installing precast Septic tank(approved by engineer) for 20 persons (8'-0" long & 4'- 0" dia.) .(must be watertight) Rate to include for two nr. brick chamber with rainforced concrete cover slab with 1:2:4 (3/4") con. mixture , with 2 nos lifting handles, including concrete pad on the chamber & plastered with 1:3, 1/2 thick plaster finished smooth(must be applied two coats of anticorrosive to handles). Septic tank should be filled with water up to TW level before using(Draw No.SPES/Rate23/Bk-19)	nr	121,350.00
Ct-05	Cement concrete 1:3:6(1 1/2"), above 3.00 m3 (Shuttering paid separately) incl: curing(Grade15)	m3	28,034.00
Ct -07	Plum concrete -1:3:6(1") concrete up to 3.0 m3 with 20% volume of 4" x 6" Rubble (shuttering paid separately) Rate to include vibrator, pilling plums and curine.	m3	24,570.00
Ct -08	Plum concrete -1:3:6(1") concrete above 3.0 m3 with 20% volume of 4" x 6" Rubble. (shuttering paid separately) Rate to include vibrator, pilling of plumbs & curing.	m3	19,181.00
Ct-13	Drain for Calicut tile roof with 1200mm eave in front & back side, 900mm eave in gable sides -300mm internal width and minium starting depth 150mm drain,75mm thick cement concrete in 1:21/2:5 (1") mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing. (As per detail drawing No SPES/Rate 23/Ct-13	m	4,534.00
Ct-15	Drain for single storied building Corrugated asbestos sheet roof with 900mm eave in front ,back & 900mm eave in gable sides, 225mm internal width and minium starting depth 150mm drain, 75mm thick cement concrete in 1:21/2:5 (1") mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing.(Sigle storied building)(As per detail drawing No SPES/Rate 23/Ct-15)	m	4,378.00

Ct-17	Drain for single storied building calicut tile roof with 900mm eave in front ,back & 900mm eave in gable sides 225mm internal width and minium starting depth 150mm drain, cement concrete in 1:21/2:5 (1") 75mm thick mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing.(Sagle storied building) (As per detail drawing No SPES/Rate 23/Ct-17)	m	4,486.00
Ct-19	Drain for Corrugated asbestos sheet Hip roof with 1200mm eave in front , back & gable sides -300mm internal width and minium starting depth 150mm drain, 75mm thick cement concrete in 1:21/2:5 (1") mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing. (As per detail drawing No SPES/Rate 23/Ct-19)	m	4,698.00
Ct-21	Drain for Calicut tile Hip roof with 1200mm eave in front , back & gable sides -300mm internal width and minium starting depth 150mm drain, 75mm thick cement concrete in 1:21/2:5 (1") mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing. (As per detail drawing No SPES/Rate 23/Ct-21)	m	4,698.00
Ct-23	Drain for single storied building Asbestos sheet Hip roof with 900mm eave in front ,back & gable sides -225mm internal width and minium starting depth 150mm drain, 75mm thick cement concrete in 1:21/2:5 (1") mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing. (As per detail drawing No SPES/Rate 23/Ct-23)	m	4,378.00
Ct-25	Drain for single storied building calicut tile Hip roof with 900mm eave in front ,back & gable sides -225mm internal width and minium starting depth 150mm drain, 75mm thick cement concrete in 1:21/2:5 (1") mix: to required slop (20feet to 1 inch) , cement rendering, 1/2" thick, 1:3 cement sand motor finished smooth with neat cement floating including curing. (As per detail drawing No SPES/Rate 23/Ct-25)	m	3,989.00
Ct-27	Ramp & drain for Asbestos sheet roof with 1200mm eave in front & back side, 900mm eave in gable sides-300mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 825mm, long side ramp width 900mm (As per detail drawing No SPES/Rate 23/Ct-11)	m	7,511.00
Ct-28	Ramp & drain for Calicut tile roof with 1200mm eave in front & back side, 900mm eave in gable sides-300mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 825mm, long side ramp width 800mm (As per detail drawing No SPES/Rate 23/Ct-13)	m	7,104.00
Ct-29	Ramp & drain for single storied building Corrugated asbestos sheet roof with 900mm eave in front ,back & 900mm eave in gable sides-225mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 738mm, long side ramp width 663mm (As per detail drawing No SPES/Rate 23/Ct-15)	m	6,420.00
Ct-30	Ramp & drain for single storied building calicut tile roof with 900mm eave in front ,back & 900mm eave in gable sides-225mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 738mm, long side ramp width 738mm (As per detail drawing No SPES/Rate 23/Ct-17)	m	6,665.00

C.B.07

Ct-31	Drain for Corrugated asbestos sheet Hip roof with 1200mm eave in front , back & gable sides-300mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 900mm,long side ramp width 900mm (As per detail drawing No SPES/Rate 23/Ct-19)	m	7,557.00
Ct-32	Drain for Calicut tile Hip roof with 1200mm eave in front , back & gable sides-300mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 800mm,long side ramp width 800mm (As per detail drawing No SPES/Rate 23/Ct-19)	m	7,247.00
Ct-33	Drain for single storied building Asbestos sheet Hip roof with 900mm eave in front ,back & gable sides -225mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 738mm,long side ramp width 738mm (As per detail drawing No SPES/Rate 23/Ct-23)	m	6,736.00
Ct-34	Drain for single storied building Calicut tile Hip roof with 900mm eave in front ,back & gable sides -225mm internal width and minium starting depth 150mm drain & ramp 75mm thick cement concrete in 1:21/2:5 (1") mix:to required slop (20feet to 1 inch). Drain & ramp Cement rendering 1/2" thick 1:3 cement, sand mortar finished smooth with neat cement floating including curing, Rate to include expansion joints at every 20'-0' intervals for ramp.(Gable side ramp width 663mm,long side ramp width 663mm (As per detail drawing No SPES/Rate 23/Ct-25)	m	6,103.00
Ct-36	Cement concrete 1:2:4(3/4") (Gr.20 concrete) (R/F and Shuttering paid separately)incl: curing(manual mixing up to 3m3)	m3	31,988.00
Ct - 52	Concrete work table with 1:2:4(3/4") con. mixture 3" thick R/F with 10mm dia: tore steel at 150mm c/c bothways including 15mm plywood formwork to achieve the smooth finish of the soffit.	m ²	7,941.00

FW-01	Shuttering for plum concrete by using 15mm thick plywood sheets. Flywood board should be fixed to timber frame with 4"x2" timber vertically at 600mm c/c and 50x50mm timber horizontally at 600mm c/c. Prepared shuttering board should be fixed to required measurements by using 8nr G.I. pipes, (2nr pipes at bottom, 2nr pipes on top for both sides) 10nr Acro jacks, 10mm dia: thread bars, 1" P cone and form ties at 1200mm c/c horizontally (minium 2 layers for a board). (Rate to include 100mm high 3mm thick sponge layer stick on one side to concrete wall at every lapping face, 1/2" dia: conduit for covering thread bars, mould oil, and dismantling same when required.) (2/16'-0"x9'-6"=304.00 ft2)(As per detail Drawing No SPES/Rate 23/Fw-01)Assure smooth surface finish used plywood sheet	m ²	1,258.00
FW-09	Shuttering for column shaft 225x225mm including 2mm iron plate and 25mm x 25mm x3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required (Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face) -(As per detail Drawing No SPES/Rate 23/Fw-09)Ground floor	m ²	2,131.00
FW-09a	Shuttering for column shaft 225 x225mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-First floor	m ²	2,174.00
FW-09b	Shuttering for column shaft 225mm x225mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-Second floor	m ²	2,195.00
FW-09c	Shuttering for column shaft 225 x225mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-Third floor	m ²	2,217.00
FW-10	Shuttering for column shaft 300 x225mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09) -Ground floor	m ²	1,835.00
FW-10a	Shuttering for column shaft 300 x225mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-First floor	m ²	1,871.00
FW-10b	Shuttering for column shaft 300mm x225mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-Second floor	m ²	1,890.00
FW-10c	Shuttering for column shaft 300 x225mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-Third floor	m ²	1,908.00
FW-11	Shuttering for column shaft 300 x300mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09) -Ground floor	m ²	1,604.00

C.B.A

FW-11a	Shuttering for column shaft 300 x300mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-First floor	m ²	1,636.00
FW-11b	Shuttering for column shaft 300mm x300mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-Second floor	m ²	1,652.00
FW-11c	Shuttering for column shaft 300 x300mm including 2mm iron plate and 25mm x 25mmx3mm angle iron welded to bended plate horizontally at 300mm c/c. Rate to include U clips,acro jacks.and dismantling same when required(Rate to include 100mm high 3mm thick sponge layer stick on around concrete column at every lapping face)(As per detail Drawing No SPES/Rate 23/Fw-09)-Third floor	m ²	1,668.00
FW-19	Shuttering for beam sides & soffit in 15 mm thk plywood sheets ,Class (II) timber, joists and necessary props etc. (Rate to include dismantling same when required) ground floor to 1st floor	m ²	4,288.00
FW-19a	Shuttering for beam sides & soffit in 15 mm thk plywood sheets Class (II) timber, joists and necessary props etc. (Rate to include for dismantling same when required) 1st floor to 2nd floor	m ²	4,374.00
FW-19b	Shuttering for beam sides & soffit in 15 mm thk plywood sheets Class (II) timber, joists and necessary props etc. (Rate to include for dismantling same when required) 2nd floor to 3rd floor	m ²	4,417.00
FW-19c	Shuttering for beam sides & soffit in 15 mm thk plywood sheets Class (II) timber, joists and necessary props etc. (Rate to include for dismantling same when required) 3rd floor to 4th floor	m ²	4,460.00
Fw-20	Shuttering for beam sides & soffit in 15 mm thk plywood sheets.Flywood sheet should be fixed to timber frame with 2" x 2" timber Class (II) horizontally at top ,bottom and vertically at 600mm c/c.Prepared shuttering boards shall be fixed to beam inner width by using 4nr G.I. pipes (2nr pipes for both sides) 2"x 2" Class (II) timber joists, necessary acro jacks at 600mm c/c, 10mm dia: thread bars ,1" P cone & form ties at 1200mm c/c etc. (Rate to include dismantling same when required) ground floor to 1st floor	m ²	4,283.00
Fw-20a	Shuttering for beam sides & soffit in 15 mm thk plywood sheets.Flywood sheet should be fixed to timber frame with 2" x 2" timber Class (II) horizontally at top ,bottom and vertically at 600mm c/c.Prepared shuttering boards shall be fixed to beam inner width by using 4nr G.I. pipes (2nr pipes for both sides) 2"x 2" Class (II) timber joists, necessary acro jacks at 600mm c/c, 10mm dia: thread bars ,1" P cone & form ties at 1200mm c/c etc. (Rate to include dismantling same when required) 1st floor	m ²	4,368.00
Fw-20b	Shuttering for beam sides & soffit in 15 mm thk plywood sheets.Flywood sheet should be fixed to timber frame with 2" x 2" timber Class (II) horizontally at top ,bottom and vertically at 600mm c/c.Prepared shuttering boards shall be fixed to beam inner width by using 4nr G.I. pipes (2nr pipes for both sides) 2"x 2" Class (II) timber joists, necessary acro jacks at 600mm c/c, 10mm dia: thread bars ,1" P cone & form ties at 1200mm c/c etc. (Rate to include dismantling same when required) 2nd floor	m ²	4,411.00
Fw-20c	Shuttering for beam sides & soffit in 15 mm thk plywood sheets.Flywood sheet should be fixed to timber frame with 2" x 2" timber Class (II) horizontally at top ,bottom and vertically at 600mm c/c.Prepared shuttering boards shall be fixed to beam inner width by using 4nr G.I. pipes (2nr pipes for both sides) 2"x 2" Class (II) timber joists, necessary acro jacks at 600mm c/c, 10mm dia: thread bars ,1" P cone & form ties at 1200mm c/c etc. (Rate to include dismantling same when required) 3rd floor	m ²	4,454.00
Pa-38	Supplying and paving (220x 110mm)80 mm thk Gr 30(30N/mm ² Uni Model inter locking concrete block(Rate to include transporting & paving on 50 mm height Quarry dust layer)	m ²	4,812.00

Pa-39	Supplying and paving (200x 100mm)80 mm thk Gr 30(30N/mm ² C obble inter locking concrete block(Rate to include transporting & paving on 50 mm height Quarry dust layer)	m ²	6,215.00
PI-20	3/4" thick in cement,sand 1:3 with Water proofing compound(10% by weight of cement)as super latex-302 or equivalent finished smooth with cement floating	m ²	3,657.00
EI-29	Supplying and fixing approved quality. Electric bell with Bell push switch including necessary concealed conduit wiring as per working order.(Make Bell - POLYCHROME)(Switch - ACL/Kevilton/Krypton/Orange/Chint)) (Cable- ACL/Orange/Ruhunu/Sierra) (fittings- Kevilton/krypton/Orange/Polychrome)[Cable SLS 733, Switch SLS 1000](Bell prime cost Rs.1095.65)	nr	6,959.00
EI-30	Supply and Fixing 6 W LED Panel light (recess /square/circular type) Day light two years warranty with all complete as per instruction (Bulb - Green electric ECO smart/Orange electric ECO LED) efficacy : 85 lumen / W or above	nr	2,760.00
EI-31	Supply and Fixing 12 W LED Panel light (recess /square circular/type) Day light two years warranty with all complete as per instruction (Bulb - Green electric ECO smart/Orange electric ECO LED) efficacy : 85 lumen / W or above	nr	3,652.00
EI-32	Supply and Fixing 18 W LED Panel light (recess /square circular/type) Day light two year warranty with all complete as per instruction (Bulb - Green electric ECO smart/Orange electric ECO LED) efficacy : 85 lumen / W or above	nr	4,403.00
EI-33	Supply and Fixing 6 W LED Panel light (Surface mounted/square/circular type) Day light two years warranty with all complete as per instruction (Bulb - Green electric ECO smart/Orange electric ECO LED) efficacy : 85 lumen / W or above	nr	2,961.00
EI-34	Supply and Fixing 12 W LED Panel light (Surface mounted/square/circular type) Day light two years warranty with all complete as per instruction (Bulb - Green electric ECO smart/Orange electric ECO LED) efficacy : 85 lumen / W or above	nr	3,937.00
EI-35	Supply and Fixing 18 W LED Panel light (Surface mounted/square/circular type) Day light two years warranty with all complete as per instruction (Bulb - Green electric ECO smart/Orange electric ECO LED) efficacy : 85 lumen / W or above	nr	4,886.00
EI-36	Supply and Fixing concealed 1Nr point wiring(PVC) including 1/1.13 1mm ² 1Cx2 wire/ gang switch/ sunk box and fixing materials. All complete as per instruction. (Switch - ACL/Kevilton/Krypton/Orange/Chint) (Cable-ACL/Orange/Ruhunu/Sierra) (fittings- Kevilton/krypton/Orange/Polychrome)	nr	4,514.00
EI-37	Dismantling 01 Nr Lamp point / Socket out let / ceiling fan point - including all wiring , conduits, accessories..etc.	nr	257.00
EI-44	Supply and fixing 4 gang switch include sunk box, wall plug & screws. all complete as per the instruction.(Switch - ACL/Kevilton/Krypton/Orange/Chint) (fittings- Kevilton/krypton/Orange/Polychrome)	nr	1,708.00
EI-48	Supplying and fixing consumer unit 06 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 6 nrs M.C.B (6 Amp.-16 Amp.)700 encloser box & bus bar fixing Philips screws (MCB-Make -Orange electric 10kA/ Schneider/ABB/Chint NXB 63) (RCCB Make -Orange electric 10kA/Schneider/ABB/Chint NL1) (Enclosure- Polychrome) Original Makes with company warranty Certificate. all complete as per instruction	nr	22,054.00
EI-58	Supplying & laying 25mm (0-1") conduits including(junction box / bend/ sheeting materials/ Solvent cement...etc.)All complete as per instruction (make conduit - (Polychrome/Keviltol/Krypton) (Junction Box - Polychrome/Keviltol/Krypton)	m	304.00
EI-59	Supplying & laying 25mm (0-1") conduits including(DEEP MOUNTING junction box / bend/ Solvent cement...etc.)All complete as per instruction (make conduit - Polychrome/Keviltol/Krypton) (DEEP MOUNTING Junction Box - Polychrome/Keviltol/Krypton)	m	323.00
EI-60	laying 25mm (0-1") conduits inside the slab all complete as per the instruction	m	102.00

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EI-61	Supplying and fixing 1/1.13 2 x 1C (Cu/PVC/PVC) single phase Wire (1 mm2) [(Cable-ACL/Orange/Ruhunu/Sierra) - Cable SLS 733]	m	181.00
EI-77	Supplying and fixing 7/2.14 (Cu/PVC)(25- mm2) Earth wire. All Complete as per Instruction (Cable -ACL/Orange/Ruhunu/Sierra)	m	2,793.00
EI-78	Supplying and fixing 19/1.53 (Cu/PVC)(35- mm2) Earth wire. All Complete as per Instruction (Cable -ACL/Orange/Ruhunu/Sierra)	m	3,521.00
EI-79	Supplying & fixing 7/1.04(6mm2) , 2 core (Cu/PVC/PVC) (single phase main wire) & 7/1.04(6mm2) earth wire , incl: PVC conduit all complete as per instruction(Cable-ACL/Orange/Ruhunu/Sierra)(Conduit - Kevilton/ Krypton/Polycrome) [Cable SLS 733]	m	1,670.00
EI-80	Supplying & fixing 7/1.04(6mm2)(Cu/PVC/PVC) , 1 core x 2 (single phase main wire) & 7/1.04(6mm2) earth wire , incl: PVC conduit all complete as per instruction (Cable-ACL/Orange/Ruhunu/Sierra) (Conduit - Kevilton/ Krypton/Polycrome) [Cable SLS 733]	m	1,644.00
EI-81	Supplying & fixing 7/1.04(6mm2) ,4 x 1c ,three phase main wire incl: PVC conduit all complete as per instruction (Cable - ACL/Orange/Ruhunu/Sierra) (Conduit - Kevilton/ Krypton/Polycrome)- Cable SLS 733	m	2,339.00
EI-82	Supplying & fixing 7/1.35(10 mm2) (Cu/PVC/PVC) , 4 x 1C ,three phase main wire incl: PVC conduit all complete as per instruction (Cable - ACL/Orange/Ruhunu/Sierra) (Conduit - Kevilton/ Krypton/Polycrome)- Cable SLS 733]	m	3,781.00
EI-83	Supplying & fixing 7/1.70(16mm2)(Cu/PVC/PVC) , 4 x 1C ,three phase main wire incl: PVC conduit all complete as per instruction (Cable - ACL/Orange/Ruhunu/Sierra) (Conduit - Kevilton/ Krypton/Polycrome) Cable SLS 733]	m	5,630.00
EI-84	Supplying & fixing 7/1.04(6mm2)(Cu/PVC/PVC) ,4 x 1C ,three phase main wire & 7/1.04 (6mm2) earth wire incl: PVC Conduit all complete as per instruction (Cable - ACL/Orange/Ruhunu/Sierra) (Conduit - Kevilton/ Krypton/Polycrome)- Cable SLS 733	m	2,829.00
EI-85	Supplying & fixing 7/1.35(Cu/ PVC/PVC)(10mm2) ,4 x 1C ,three phase main wire & 7/1.35 (10mm2) earth wire incl: PVC Conduit all complete as per instruction(Cable - ACL/Orange/Ruhunu/Sierra) (Conduit - Kevilton/ Krypton/Polycrome)	m	4,599.00
EI-86	Supply and Fixing 7/0.67 (Cu/PVC/PVC)2.5mm2 1 core x 2 cables and 7/0.67 2.5 mm2 Earth wire including P.V.C. trunking (20 mm x 12.5 mm). All complete as per instruction (Cable - ACL/Orange/Ruhunu/Sierra) (PVC trunking - Kevilton/ Krypton/Polycrome)	m	838.00
EI-87	Supply and Fixing 7/0.85 (Cu/ PVC/PVC) 4mm2 1 core x 2 cables and 7/0.67 2.5 mm2 Earth wire including P.V.C. trunking (20 mm x 12.5 mm). All complete as per instruction (Cable - ACL/Orange/Ruhunu/Sierra) (PVC trunking - Kevilton/ Krypton/Polycrome)	m	1,100.00
EI-99	Supply and installation of 50 mm2 4core Armoured cable CU/XLPE/SWA/PVC including manual excavation (0.45m (W) x 0.7m (H))/ back filing/ river sand filing (0.45m (W) x 0.2m(H))/ (300mm x 150mm x 50mm) 1:2:4 concrete tile bedding and all complete as per the instruction (Cable - ACL/Orange/Ruhunu/Sierra)	m	20,199.00
EI-107	Supply and Fixing 25mm x 16mm PVC Trunking with wall plugs & screws. All complete as per instruction (PVC trunking - Kevilton/ Krypton/Polycrome)	m	292.00
EI-108	Supply and Fixing 40mm x 16mm PVC Trunking with wall plugs & screws. All complete as per instruction (PVC trunking - Kevilton/ Krypton/Polycrome)	m	487.00
EI-109	Supply and Fixing 40mm x 25mm PVC Trunking with wall plugs & screws. All complete as per instruction (PVC trunking - Kevilton/ Krypton/Polycrome)	m	564.00
EI-110	Supply and Fixing 50mm x 25mm PVC Trunking with wall plugs & screws. All complete as per instruction (PVC trunking - Kevilton/ Krypton/Polycrome)	m	663.00
EI-111	Supply and Fixing 50mm x 50mm PVC Trunking with wall plugs & screws. All complete as per instruction (PVC trunking - Kevilton/ Krypton/Polycrome)	m	1,063.00
EI-112	Supply and Fixing 50mm x 75mm PVC trunking with screws & wall plugs. All complete as per instruction (PVC trunking - Kevilton/ Krypton/Polycrome)	m	1,327.00

EI-113	Supply and Fixing 100mm x 50mm PVC Trunking with wall plugs & screws. All complete as per instruction (PVC trunking - Kevilton/ Krypton/Polycrome)	m	1,625.00
EI-122	Supplying and fixing 40Amp/30mA/ 2 pole -RCCB (Make -Orange electric 10kA/ Schneider/ABB/Chint NL1) Original Makes with company warranty Certificate. all complete as per instruction	nr	7,547.00
EI-123	Supplying and fixing 40 Amp/100mA/ 2 pole -RCCB (Make -Orange electric 10kA/ Schneider/ABB/Chint NL1) Original Makes with company warranty Certificate. all complete as per instruction	nr	10,881.00
EI-125	Supplying and fixing 4 pole 40 Amp / 100 mA -RCCB (Make -Orange electric 10kA/ Schneider/ABB/Chint NL1) Original Makes with company warranty Certificate. all complete as per instruction	nr	14,865.00
EI-126	Supplying and fixing 4 pole 40 Amp / 300 mA -RCCB (Make -Orange electric 10kA/ Schneider/ABB/Chint NL1) Original Makes with company warranty Certificate. all complete as per instruction	nr	15,429.00
EI-137	Supplying and Fixing 500 ABC Enclosure Box (Surface mounted) fixed with brass screws all complete as per Instruction.(Enclosure-Polychrome)	nr	2,100.00
EI-142	Supply and fixing 10mm ² copper lugs 4 Nr including color caps using the crimping tool due to cable fixing or connecting bus bar or MCB all complete as per the instruction.	nr	906.00
EI-143	Supply and fixing 16mm ² copper lugs 4 Nr including color caps using the crimping tool due to cable fixing or connecting bus bar or MCB all complete as per the instruction.	nr	990.00
EI-154	Supply and Fixing 8.3m wooden pole(Eucalyptus) applied oil treated by state timber corporation erection and installation. All complete as per instruction. Invoice or certificate should be handed over to the office	nr	46,250.00
EI-155	Supply and Fixing Stay wire and rod/ plate insulator assembly complete sets/ excavation and installation. All complete as per instruction.	nr	29,627.00
EI-156	Supply and Fixing 7/1.35 10mm ² 2core Aluminium main cable(BI). All complete as per instruction. (Cable-ACL/Orange/Ruhunu/Sierra)	m	670.00
EI-157	Supply and Fixing 70 mm ² / 54.6mm ² 1Cx4 Aerial Bundle Conductors (ABC) 3 phase. Stringing and complete as per instruction. (Cable-ACL/Orange/Ruhunu/Sierra)	m	4,555.00
EI-158	Supply and Fixing 95mm ² / 70mm ² 1Cx4 Aerial Bundle Conductors (ABC) 3 phase. Stringing and complete as per instruction. (Cable-ACL/Orange/Ruhunu/Sierra)	m	5,594.00
Ro-01	Corrugated sheets asbestos fixed with 1/4"x7" j bolts and nuts with washers or 12 X 4 1/2"roofing screws to roof (Corrugated sheets available).	m ²	474.00
Ro-02	Corrugated asbestos sheets supplied and fixed to roof or wall on existing framework with necessary roofing screws and limpet washers or hook bolts.	m ²	2,577.00
Ro-11	Approved Quality Corrugated Asbestos sheets roofing 1/4"x7" j bolt with nut & washers on imported timber frame 150 x 75 mm purline ,150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters(maximum span is 2.7m) and 50 x 50mm beares supplied fixed complete including frame with applied two coats of clear wood preservative (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately. Ground floor. (Reffer draw. No. SPES/Rate23/Ro-11)	m ²	10,367.00
Ro-11a	Approved Quality Corrugated Asbestos sheets roofing 1/4"x7" j bolt with nut & washers on imported timber frame 150 x 75 mm purline ,150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters (rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete including frame with applied two coats of clear wood preservative (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately.1st floor (Reffer draw. No. SPES/Rate23/Ro - 11a)	m ²	10,678.00
Ro-11b	Approved Quality Corrugated Asbestos sheets roofing 1/4"x7" j bolt with nut & washers on imported timber frame 150 x 75 mm purline ,150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete including frame with applied two coats of clear wood preservative (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately.2nd floor (Reffer draw. No. SPES/Rate23/Ro-11a)	m ²	10,885.00

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Ro-11c	Approved Quality Corrugated Asbestos sheets roofing 1/4"x7" j bolt with nut & washers on imported timber frame 150 x 75 mm purline ,150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete including frame with applied two coats of clear wood preservative (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately.3rd floor (Reffer draw. No. SPES/Rate23/Ro-11a)	m ²	11,092.00
Ro-12	Approved Quality Corrugated Asbestos sheets roofing with 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). Ground floor. (Reffer draw. No. SPES/Rate23/Ro-11)	m ²	10,511.00
Ro-12a	Approved Quality Corrugated Asbestos sheets roofing with 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). 1st floor (Reffer draw. No. SPES/Rate23/Ro- 11a)	m ²	10,813.00
Ro-12b	Approved Quality Corrugated Asbestos sheets roofing with 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). 2nd floor (Reffer draw. No. SPES/Rate23/Ro- 11a)	m ²	11,014.00
Ro-12c	Approved Quality Corrugated Asbestos sheets roofing with 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge 100 x 50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -Ridging measured separately (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). 3rd floor (Reffer draw. No. SPES/Rate23/Ro- 11a)	m ²	11,215.00
Ro-13	Approved Quality Corrugated Asbestos sheets HIP ROOFING 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge , 150x50mm hip rafters ,100x50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -(Hip rafters supported post & beams & Ridging paid separattly). (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). Ground floor. (Reffer draw. No. SPES/Rate23/Ro- 13)	m ²	10,083.00
Ro-13a	Approved Quality Corrugated Asbestos sheets HIP ROOFING 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge , 150x50mm hip rafters ,100x50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -(Hip rafters supported post & beams & Ridging paid separattly). (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). 1st floor (Reffer draw. No. SPES/Rate23/Ro- 13a)	m ²	10,372.00

Ro-13b	Approved Quality Corrugated Asbestos sheets HIP ROOFING 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge , 150x50mm hip rafters ,100x50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -(Hip rafters supported post & beams & Ridging paid separattly). (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). 2nd floor (Reffer draw. No. SPES/Rate23/Ro-13a)	m ²	10,565.00
Ro-13c	Approved Quality Corrugated Asbestos sheets HIP ROOFING 1/4"x7" j bolt nut & washers on imported timber frame 150 x 75 mm purline 150 x 75 mm wall plate 150 x 50 mm ridge , 150x50mm hip rafters ,100x50 mm rafters(rafter maximum Span 2.7m) and 50 x 50mm beares supplied fixed complete (100 x 50 mm rafter fixed in 750mm C/C) -(Hip rafters supported post & beams & Ridging paid separattly). (Including Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Such as CCB by BI Commodities & Logistics Pvt Ltd (certificate should be submitted). 3rd floor. (Reffer draw. No. SPES/Rate23/Ro-13a)	m ²	10,758.00
Ro-17a	Roof with Calicut pattern tiles on Imported sawn timber frame work complete with 150x50mm ridges, 100x50mm rafters @ 450 mm center to certer(rafter maximum Span 2.4 m), 150 x75 purlin,150x75wall plate,50 x 25 reepers @ 300mm C/C. rate to include tiling , ridging & 100mm to 150mm plaster band(bedded in cement and lime mortar 1:1:4, colour to match tiles)Truss Roof (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted. 1st floor.(Reffer draw. No. SPES/Rate23/Ro- 16)	m ²	13,616.00
Ro-17b	Roof with Calicut pattern tiles on Imported sawn timber frame work complete with 150x50mm ridges, 100x50mm rafters @ 450 mm center to certer(rafter maximum Span 2.4 m), 150 x75 purlin,150x75wall plate,50 x 25 reepers @ 300mm C/C. rate to include tiling , ridging & 100mm to 150mm plaster band(bedded in cement and lime mortar 1:1:4, colour to match tiles)Truss Roof (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted. 2nd floor.(Reffer draw. No. SPES/Rate23/Ro- 16)	m ²	13,868.00
Ro-17c	Roof with Calicut pattern tiles on Imported sawn timber frame work complete with 150x50mm ridges, 100x50mm rafters @ 450 mm center to certer(rafter maximum Span 2.4 m), 150 x75 purlin,150x75wall plate,50 x 25 reepers @ 300mm C/C. rate to include tiling , ridging & 100mm to 150mm plaster band(bedded in cement and lime mortar 1:1:4, colour to match tiles)Truss Roof (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted. 3rd floor.(Reffer draw. No. SPES/Rate23/Ro- 16)	m ²	14,119.00

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Ro-18a	Calicut pattern tiles HIP ROOFING, Imported sawn timber frame work complete with 150x50mm ridges, 150x50mm Hip rafters , 100x50mm rafters(rafter maximum Span 2.4 m), 150 x75 purlin and wall plate,50 x 25 reepers. rate to include tiling , ridging & 100mm to 150mm plaster band(bedded in cement and lime mortar 1:1:4, colour to match tiles)Truss Roof (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted. 1st floor. (Reffer draw. No. SPES/Rate23/Ro- 18a)	m ²	12,619.00
Ro-18b	Calicut pattern tiles HIP ROOFING, Imported sawn timber frame work complete with 150x50mm ridges, 150x50mm Hip rafters , 100x50mm rafters(rafter maximum Span 2.4 m), 150 x75 purlin and wall plate,50 x 25 reepers. rate to include tiling , ridging & 100mm to 150mm plaster band(bedded in cement and lime mortar 1:1:4, colour to match tiles)Truss Roof (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted. 2nd floor. (Reffer draw. No. SPES/Rate23/Ro- 18a)	m ²	12,850.00
Ro-18c	Calicut pattern tiles HIP ROOFING, Imported sawn timber frame work complete with 150x50mm ridges, 150x50mm Hip rafters , 100x50mm rafters(rafter maximum Span 2.4 m), 150 x75 purlin and wall plate,50 x 25 reepers. rate to include tiling , ridging & 100mm to 150mm plaster band(bedded in cement and lime mortar 1:1:4, colour to match tiles)Truss Roof (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted. 2nd floor. (Reffer draw. No. SPES/Rate23/Ro- 18a)	m ²	13,081.00
Ro-27	3'-0" wide (eave)Canopy roof for Building, with 2 Nr of 4"x2" (100 x 50 mm) purlin & covering with Asbestoes roofing sheets ,Zn coated (.47 mm thick AZ150 - thickness) 1'-6" flashing ,as per instruction applying 2coats of clear wood preservative (Brackets paid seperatly) -Ground floor	m	9,064.00
Ro-27a	3'-0" wide (eave)Canopy roof for Building, with 2 Nr of 4"x2" (100 x 50 mm) purlin & covering with Asbestoes roofing sheets ,1'-6" flashing ,as per instruction applying 2coats of clear wood preservative (With out Bracket) -First floor	m	9,335.00
Ro-27b	3'-0" wide (eave)Canopy roof for Building, with 2 Nr of 4"x2" (100 x 50 mm) purlin & covering with Asbestoes roofing sheets ,1'-6" flashing ,as per instruction applying 2coats of clear wood preservative (With out Bracket) -second floor	m	9,517.00
Ro-28	Corrugated Asbestos Roof with Asbestos flat ceiling sheets over the rafters on Imported timber frame 150 x 50mm ridges, 125 x 75mm purlin, 100 x 75 mm wall plate, 100 x 50mm rafters @ 600 mm center to certer(rafter maximum Span 2.4 m), and 50 x 50 mm bears, supplying and fixed, rate to include necessary Aluminium Tees, Routing Edges of rafters(bottom) and 2 coats of polyurethane varnish one coat of wall filler and 2 coats emulsion paint to asbestos flat ceiling sheet rate to include applying 2coats of wood clear presavative Ridging measured separately.(Reffer draw. No. SPES/Rate23/Ro- 28)	m2	13,129.00

Ro-29	Corrugated Asbestos Roof with 150 mm width & 18 - 16 mm thick "Lunumidella" tounge & grooved planks over the rafters on Imported timber frame 100 x 50 rafters @ 600 mm center to center(rafter maximum Span 2.4 m), 150 x 50 ridges, 125x75mm purlin and 50 x 50 mm bears, supplying and fixed, rate to include Routing Edges of rafters(bottom) applying one coat of sanding sealer & two coats of NC wood finish (100 x 50 mm rafters fixed in 600mm C/C), laying 3 mm thk double side "Mack" foil ,Ridging measured separately rate to include 2 coats of clear wood preservative. (Reffer draw. No. SPES/Rate23/Ro- 28)	m2	15,295.00
Ro-55	Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with approved wood preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)("Browns Celurised treated " by BI commodities & logistics(Pvt)Ltd.)	m ³	31,472.00
Cp-08	Ceiling , asbestos, flat, fixed with clout headed nails to (100 x50mm) joists @ 1200 mm c/c & (50 x 50 mm) bearers @ 600 mm c/c of Imported timber prepared by using multi purpose wood working machine, including 1 1/2" x 1/2" beading & 1 1/2 "x 1 1/2" cover fillet.Applying one coat primer & two coat enamel paint to beading & moulding (class II timber).Applying one coat of wall pillar & two coats of emulsion paint to sheets (Rate to include Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB by BI Commodities & Logistics Pvt Ltd certificate for vacuum pressure of timber should be submitted for paymen & use 1 1/2" Brass screws for moulding & Beading at 600mm c/c	m2	7,688.00
Cp-09	Asbestos eaves Ceiling , fixed with iron nails to 50 x 50mm joists at 600 mm c/c & 50 x 50 mm bearers at 600mm c/c of Imported timber prepared by using multi purpose wood working machine,Rate to include 1 1/2" x 1/2" beading , 1 1/2" x 1 1/2" moulding. Applying one coat of wall fillar & two coats emulsion paint to Ceiling Sheet. One coat aluminium primer, two coat enamel paint to beading & moulding & two coats of wood preservative for timber frame. use 1 1/2" iron screws for moulding & Beading at 600mm c/c	m2	7,360.00
Cp-10	Asbestos eaves Ceiling , fixed with iron nails to 50 x 50mm joists at 600 mm c/c & 50 x 50 mm bearers at 600mm c/c of Imported timber prepared by using multi purpose wood working machine,Rate to include 1 1/2" x 1/2" beading , 1 1/2" x 1 1/2" moulding. Applying one coat of wall fillar & two coats emulsion paint to Ceiling Sheet. One coat aluminium primer, two coat enamel paint to beading & moulding & two coats of wood preservative for timber frame. use 1 1/2" brass screws for moulding & Beading at 600mm c/c	m2	7,459.00
Cp-11	Asbestos eaves Ceiling , flat, fixed with iron nails to 50 x 50 mm joists @ 600 mm C/C & 50x 50mm bearers of Imported timber prepared by using multi purpose wood working machine.Rate to including 1 1/2" x1/2" beading & 1 1/2"x1 1/2" moulding. Applying one coat of wall fillar & two coats of emulsion paint to ceiling sheet.One coat of aluminium primer, two coats of enamel paint to beading & moulding(Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications) BI Commodities & Logistics Pvt Ltd. certificate for vacuum pressure of timber should be submitted for payment.1 1/2" iron screws for moulding & Beading at 600mm c/c	m2	7,305.00

C. B. D.

Cp-12	Asbestos eaves Ceiling , flat, fixed with iron nails to 50 x 50 mm joists @ 600 mm C/C & 50x 50mm bearers of Imported timber prepared by using multi purpose wood working machine.Rate to including 1 1/2" x1/2" beading & 1 1/2"x1 1/2" moulding. Applying one coat of wall filler & two coats of emulsion paint to ceiling sheet.One coat of aluminium primer, two coats of enamel paint to beading & moulding(Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications) BI Commodities & Logistics Pvt Ltd. certificate for vacuum pressure of timber should be submitted for payment.1 1/2" brass screws for moulding & Beading at 600mm c/c	m2	7,404.00
Cp-13	Supplying & Fixing 100x50 mm imported timber joist at 600mm c/c, 150mm x 16 to 18mm thick tongue & groove "Lunumedella" ceiling planks, fixed horizontal on imported timber joist with 1 1/2" iron nails.Rate to include using multi purpose wood working machine for preparing timber & applying 2 coats of wood preservatives to timber frame & both sides of the ceiling planks.	m2	7,834.00
Cp-14	Supplying & Fixing 100x50 mm imported timber joist at 600mm c/c & fixing available 150x 16 to 18mm thick "Lunumedella" ceiling planks horizontally on joist with 1 1/2" iron nails..Rate to include using multi purpose wood working machine for preparing timber & applying 2 coats of wood preservatives to timber frame & both sides of the ceiling flanks.(for minor repairs only)	m2	5,913.00
Cp-15	Fixing available 100x50mm imported timber joist at 600mm c/c & available 150 x 16 to 18mm thick tongue & groove "Lunumedella" ceiling planks, fixing horizontal with new 1 1/2" iron nails.Rate to include using multi purpose wood working machine for preparing timber & applying 2 coats of wood preservatives to timber frame & both sides of the ceiling flanks.	m2	2,431.00
Cp-16	Ceiling, Lunmidella 150 x 16 to 18mm thick planed, lapped and nailed to existing frame or underside of rafters, above 1 square (Fillets paid for separately)Rate to include applying 2 coats of wood preservatives to timber frame & both sides of the ceiling planks.	m2	4,223.00
Cp-17	Ceiling lunumidella 6"x3/4" planks tongue & groove to frame work consists of 100 x50 mm joist in Imported timber. (Rate to include Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(Finlay Rentokil Ceylon (Pvt) Limited) certificate for vacuum pressure of timber should be submitted for payment.	m2	8,048.00
Cp-18	Ledged, braced and battened door with 100x75mm Imported timber frame fixed with mortice & tenon jionts.Ginisapu timber class 11 sash 20mm thick (finished size) with 75mm to 100mm wide batten shall be planed smooth and fixed each other with rebated (rebated at least 12mm) joints.25mm Thick ledges & braces fixed to the inside faces of battens with 1 1/2" iron screws (20nr screws for each ledge, 14nr screws for each brace). Ledge shall be 175mm wide & brace 125mm wide unless otherwise specified in Ginisapu timber, complete with 6" brass barrel bolt inside, 6" stainless steel door barrel bolt with padlock clasp out side, 1" padlock & T hinges 75x150mm (frame 2'-6"x 6'-6", sash 2'-1/2"x 6'-31/2")As per detailed drawing Draw No/SPES/Rate23/Cp-18	m2	29,370.00
Cp-19	Door or window ledge,braced & battened sash only in Ginisapu timber class 11 sash 20mm thick (finished size) with 75mm to 100mm wide batten shall be planed smooth and fixed each other with rebated (rebated at least 12mm) joints.25mm Thick ledges & braces fixed to the inside faces of battens with 1 1/2" iron screws (20nr screws for each ledge, 14nr screws for each brace). Ledge shall be 175mm wide & brace 125mm wide unless otherwise specified in Ginisapu timber, complete with 6" brass barrel bolt inside, 6" stainless steel door barrel bolt with padlock clasp out side,2" padlock & 75x150mm T hinges (sash 2'-1/2"x 6'-21/2")Draw No/SPES/Rate23/Cp-18	m2	21,421.00

Cp-20	100x75mm Imported timber frame for ledge & brace door fixed with mortice & tenon joints.Rate to include fixing in position.Draw No/SPES/Rate23/Cp-18	m2	14,116.00
Cp-21	Doors panelled with 4"x3" frames and 1 1/8" - 1 1/4" (28-26mm) sashes in Jack timber fixed complete with new furniture (3 nrs 5"x3" Butt hinges, 01 nr 12" skelton bolt,01 nr 6" barrel bolt, Union Mortice lock made in England (5 years warrenty))(3' - 3" x 7' - 0" (990x2133mm)size)- Single hung door..As per detailed drawing Draw No/SPES/Rates23/Cp-21	m2	42,769.00
Cp-22	Doors panelled with 4"x3" frames and 1 1/8" - 1 1/4" sashes in Jack timber fixed complete with new furniture (3 nrs 5"x3" Butt hinges, 01 nr 12" skelton bolt,01 nr 6" barrel bolt, Union Mortice lock made in England (5 years warrenty)) Rate to include one coat of primer & two coats of enamel paint. - Single hung door. Draw No/SPES/Rates23/Cp-21	m2	46,639.00
Cp-25	Door frame preparing 100x75mm jak timber supplied & fixed in position.(3'-3"x7'-0")Draw No/SPES/Rates23/Cp-21	m2	13,015.00
Cp-26	Doors 1 1/8" - 1 1/4" thick panelled sash only Jack timber fixed complete with new furniture including "Union Mortice lock made in England (5 years warrenty) ,5" x3"brass hinges, Brass skeleton bolts 12", Brass barrel bolts 6" excluding painting(1/862x2035mm)Draw No/SPES/Rates23/Cp-21	m2	38,144.00
Cp-27	Door 1 1/8" - 1 1/4" thick panelled sash only Jack timber fixed complete with new furniture including 5" x3" brass hinges, Brass skeleton bolts 12", Brass barrel bolts 6" ,With out mortise Lock & excluding painting. Draw No/SPES/Rates23/Cp-21	m2	33,563.00
Cp-28	Doors 1 1/8" - 1 1/4" thick fully panelled sash onlyJack timber fixed complete with new furniture including "Union mortise" door lock with five year warranty ,5" x3" brass hinges, Brass skeleton bolts 10", Brass barrel bolts 6" fixed complete with brass fittings.(same as Cp-24) & apply one coat of primer and two coats of enamel paint. Draw No/SPES/Rates23/Cp-21	m2	42,014.00
Cp-29	Doors 1 1/8" - 1 1/4" thick fully panelled sash onlyJack timber fixed complete with new furniture including "Union mortise" door lock with five year warranty ,4" x3" brass hinges, Brass skeleton bolts 10", Brass barrel bolts 6" fixed complete with brass fittings & with two coats of water base protective exterior wood stain and two coats of exterior top coat clear(30% or 60% Gloss) after preparing surface (Nipolac, Master paint,Jkem, Dulux). Draw No/SPES/Rates23/Cp-21	m2	43,433.00
Cp-30	Doors 1 1/8" - 1 1/4" thick fully panelled sash onlyJack timber fixed complete with new furniture including "Union mortise" door lock with five year warranty ,4" x3" brass hinges, Brass skeleton bolts 10", Brass barrel bolts 6" fixed complete with brass fittings. Rate to include prepare and painting new woodwork, with two coats of water base protective exterior hydro plus preservative wood stain and two coats of hydro plus preservative exterior top coat clear(30% or 60% Gloss) after preparing surface (Sayerlack or equivalent).Draw No/SPES/Rates23/Cp-21	m2	43,890.00
Cp-33	Doors panelled with 4"x3" frames and 1 1/8" - 1 1/4" (28-26mm) thick sashes (862x2.035mm) and 20mm thk: 115mm wide 4 nr timber louvered on top, in Jack timber fixed complete with new furniture (3 nrs 5"x3" Butt hinges, 01 nr 12" skelton bolt,01 nr 6" barrel bolt, Union Mortice lock(2 years warrenty))Rate to include one coat of primer & two coats of enamel paint. - Single hung door. (990x2500mm)- Single hung door.. Draw No/SPES/Rates23/Cp-32	m2	45,071.00
Cp-34	Doors panelled with 4"x3" frames and 1 1/8" - 1 1/4" (28-26mm) thick sashes (862x2.035mm) and 20mm thk: 115mm wide 4 nr timber louvered on top, in Jack timber fixed complete with new furniture (3 nrs 5"x3" Butt hinges, 01 nr 12" skelton bolt,01 nr 6" barrel bolt, Union Mortice lock(2 years warrenty))Rate to include two coats of water base protective exterior wood stain and two coats of exterior top coat clear(30% or 60% Gloss) after preparing surface (Nipolac, Master paint,Jkem, Dulux)(990x2500mm)- Single hung door..As per detailed drawing SPES/Rates23/Cp-32	m2	46,595.00

C.B.M

Cp-35	Doors panelled with 4"x3" frames and 1 1/8" - 1 1/4" (28-26mm) thick sashes (862x2.035mm) and 20mm thk: 115mm wide 4 nr timber louvered on top, in Jack timber fixed complete with new furniture (3 nrs 5"x3" Butt hinges, 01 nr 12" skelton bolt, 01 nr 6" barrel bolt, Union Mortice lock(2 years warrenty)Rate to include two coats of water base protective exterior hydro plus preservative wood stain and two coats of hydro plus preservative exterior top coat clear(30% or 60% Gloss) after preparing surface (Sayerlack or equivalent).(990x2500mm)- Single hung door..As per detailed drawing SPES/Rates23/Cp-32	m2	47,085.00
Cp-38	Double hunge panelled Doors with 100x75mm frame and 1 1/8" - 1 1/4" (28-26mm) thk. door sashes(2 / 546 x2035mm) ,(Jack timber) fixed complete with new furniture (6 nrs 5"x3" Butt hinges, 01 nr 12" skelton bolt, 01 nr 6" barrel bolt, Double Hunge Union Mortice lock...etc) (all complete (Door frame 1200x2100mm size)- Double hung door. Rate to include two coats of water base protective exterior wood stain and two coats of exterior top coat clear(30% or 60% Gloss) after preparing surface (Nipolac, Master paint,Jkem, Dulux)Draw No/SPES/Rates23/Cp-34	m2	54,210.00
Cp-66	Glazed window sash -3 nr Openable sash in jack timber (25mm thk), 3 mm thk clear glass including 13/4" to 11/2" window ring, 10"casement stay, casement fastener, 4"x2" butt hinges...etc excluding painting. (3 / 622x 1072mm)(approved quality brass fittings)Draw No/SPES/Rates23/Cp-56	m2	26,720.00
Cp-83	Fanlight glazed 750 x 525mm overall with "Jack timber" 100x75mm frame comprising,1nr openable sash (25mm thk), 3 mm thk clear glass, including 13/4" to 11/2" window ring, 10"casement stay, casement fastener, 4"x2" butt hinges...etc.Rate to Include one coat of primer & two coats of enemal paint(approved quality brass fittings)Draw No/SPES/Rates23/Cp-82	m2	58,373.00
Cp-84	Fanlight glazed 750 x 525mm overall with "Jack timber" 100x75mm frame comprising,1nr openable sash (25mm thk), 3 mm thk clear glass, including 13/4" to 11/2" window ring, 10"casement stay, casement fastener, 4"x2" butt hinges...etc. Rate to Include Rate to Include two coats of water base protective exterior wood stain and two coats of exterior top coat clear(30% or 60% Gloss) after preparing surface (Nipolac, Master paint,Jkem, Dulux)(approved quality brass fittings)Draw No/SPES/Rates23/Cp-82	m2	59,160.00
Cp-85	Fanlight glazed 750 x 525mm overall with "Jack timber" 100x75mm frame comprising,1nr openable sash (25mm thk), 3 mm thk clear glass,including 13/4" to 11/2" window ring, 10"casement stay, casement fastener, 4"x2" butt hinges...etc. Rate to Include Rate to Include two coats of water base protective exterior hydro plus preservative wood stain and two coats of hydro plus preservative exterior top coat clear(30% or 60% Gloss) after preparing surface (Sayerlack or equivalent) (approved quality brass fittings).Draw No/SPES/Rates23/Cp-82	m2	59,414.00
Cp-86	Glazed fanlight (750 x 525mm) frame preparing 100x75mm "Jack timber"& fixed in position. Draw No/SPES/Rates23/Cp-82	m2	35,300.00
Cp-87	Fanlight sash only in jak timber (25mm thk), 3 mm thk clear glass. including 13/4" to 11/2" window ring, 10"casement stay, fanlight catches, 4"x2" butt hinges...etc excluding painting(approved quality brass fittings)Draw No/SPES/Rates23/Cp-82	m2	52,433.00
Cp-92	Imported timber Floor Boards,shall be 30mm in thick unless otherwise specified with grooved & tongued planks in equal width not exceeding 150mm with well broken & splayed heading joints.Flanks shall be fixed to the joints with 62mm (21/2") brass screws & screws head shall be counter sunk and holes filled with wax. Two screws being used for each 150mm flank whatever it crosses or end. Rate to include (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology Sush as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted	m2	26,677.00

Cp-93	Timber stage with 125x50mm imported timber beams at 600mm c/c laid & fixed on wall & imported timber floor boards shall be 30mm thick unless otherwise specified with grooved & tongued planks in equal width not exceeding 150mm with well broken & splayed heading joints. planks shall be fixed to the joints with 62mm (2 1/2") brass screws & screw head shall be counter sunk & holes filled with wax. Two screws being used for each 150mm planks whatever it cross or end. Rate to include (Preservation of timber is achieved by Vacuum Pressure Impregnation of the timber with preservatives, using the latest technology such as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi and termites (Execution according to the Manufacturers specifications)(BI Commodities & Logistics Pvt Ltd) certificate Should be submitted	m2	31,295.00
Cp-97	Supplying and installation of suspended ceiling with Pre finished 7 mm thk gypsum board 600 x 600 mm, and 25 x 25 mm G.I .powder coated wall angles ,main tee brss , 600mm cross tee bars and necessary accessories, suspended to the roof frame with PVC coated wire gage 18. All complete as per the given instructions.	m2	2,916.00
Cp-98	Supplying and installation of suspended ceiling with Pre finished 6 mm thk plastic board 600 x 600 mm, and 25 x 25 mm G.I .powder coated wall angles ,main tee brss , 600mm cross tee bars and necessary accessories, suspended to the roof frame with PVC coated wire gage 18. All complete as per the given instructions.	m2	2,931.00
Ir-26	Supplying, and fabricating natural anodized aluminium DECO grill, consisting 50 X 25 mm natural anodized aluminium box bar , outer frame with 01 nr. intermediate horizontal bar & 02 nr.s intermediate vertical bar . DECO net fixed to frame with aluminium M- bar & rubber beading using pop riverts. Grill frame fixing to opening using 1 1/2" aluminium screws and rawl plugs and all holes covered with plastic cap as per the given Draw.no.SPES/Rate23/Ir-26. (2.875 x 1.8 m)	m2	15,133.00
Ir-30	Supplying and fixing 50 x 50 P.V.C coated 1.80m height wire mesh (mascon or equalent)(Gage 10) consisting 50 mm dia. Heavy quality GI pipe ,upright planting at 2400 C/C with 1:2:4 (20) Con: & 3 nrs 25mm dia. Heavy quality GI pipe horizontally welded to upright post at top middle and bottom, Gage 10 wire mesh fixed to frame with 20 mm 6mm thk "flat iron " weld to frame 600mm C/C welding point , and including one coat of metal primer and two coats of enamel paints(different colour). rate to include use P.V.C. wire cord and 50 mm dia. GI end cap for each 50 mm dia GI post. (15m length)	m2	8,613.00
Ir-31	Supplying and fixing 50 x 50 P.V.C coated 1.50m height wire mesh(mascon or equalent) (Gage 10) consisting 50 mm dia. Heavy quality GI pipe ,upright planting at 2400 C/C with 1:2:4 (20) Con: & 3 nrs 25 mm dia. Heavy quality GI pipe horizontally welded to upright post at top middle and bottom, Gage 10 wire mesh fixed to frame with 20 mm 6mm thk "flat iron " weld to frame 600 C/C welding point , and including one coat of metal primer and two coats of enamel paints (different colour) rate to include use P.V.C. wire cord and 50 mm dia. GI end cap for each 50 mm dia GI post. (15m length)	m2	9,799.00
GI-03	Glass panels 5 mm (3/16) clear glass supplying and fixing with class I timber beading or routing	m2	6,917.00
GI-04	Glass panels 5 mm (3/16) pinhead or obscure supplying and fixing with Class I timber beading or routing	m2	9,173.00
GI-05	Supply and fixing 200 X 200 x100 mm glass Blocks of approved quality with neat cement including plaster reveals.	nr	1,648.00
GI-06	Supply and fixing 200 X 200 x 150 mm glass Blocks of approved quality with neat cement including plaster reveals.	nr	1,792.00
Pb-66	Supplying and fixing, Plastic flexible hose 450 mm long	nr	827.00
Pb-84	Supplying and fixing Zn/Al Eaves gutter (0.47 mm thick -girth 470mm AZ150 - thickness certificate necessary) with Silicon joint ,fixed to Brass screws with fixing Aluminium bracket @ 500 mm C/C(Metecno / BlueScope lysaght or equivalent.) approval should be taking from engineer before installation.	m	4,140.00

C.B.A

Pb-84a	Supplying and fixing Zn/Al Eves gutter ((.47 mm thick -girth 470mm AZ150 - thickness certificate necessary)with Silicon joint ,fixed to facia bolt with fixing bracket @ 500 mm C/C -in 1stfloor(Metecno / BlueScope or equivalent) approval should be taking from engineer before installation.	m	4,264.00
Pb-84b	Supplying and fixing Zn/Al Eves gutter ((.47 mm thick -girth 470mm AZ150 - thickness certificate necessary)with Silicon joint ,fixed to facia bolt with fixing bracket @ 500 mm C/C -in 2nd floor (Metecno / BlueScope or equivalent) approval should be taking from engineer before installation.	m	4,347.00
Pb-84c	Supplying and fixing Zn/Al Eves gutter ((.47 mm thick -girth 470mm AZ150 - thickness certificate necessary)with Silicon joint ,fixed to facia bolt with fixing bracket @ 500 mm C/C -in 3rd floor (Metecno / BlueScope or equivalent) approval should be taking from engineer before installation.	m	4,429.00
Pb-84d	Supplying and fixing Zn/Al Eves gutter ((.47 mm thick -girth 470mm AZ150 - thickness certificate necessary)with Silicon joint ,fixed to facia bolt with fixing bracket @ 500 mm C/C -in 4th floor (Metecno / BlueScope or equivalent) approval should be taking from engineer before installation.	m	4,512.00
Pb-94	Urinal, ball type available fixing only	nr	3,140.00
Pb-98	supplied and fixed, 1/2" pillar tap, (Water Tec / S Ion)	nr	929.00
MA - 14	Welded mesh with 100 x 50 mm imported timber frame and 50 x 50 mm weld mesh(gage10) fixed with 50 x 13 mm timber bars , rate include for one coat of metal primer & two coats of anticorrosive Paint	m2	12,656.00
MA - 09	Fixing available Asb. Corrugated sheets on existing roof frame with hook bolts, nuts and limpet washers as directed.	m2	delete
MA-19	Tiles, Calicut pattern, flat, supplied and laid in Single Storied buildings.	nr	delete
MA-20	Tiles, Calicut pattern, flat, supplied and laid in buildings of two storied building.	nr	delete
MA-21	Tiles, Calicut pattern, flat, supplied and laid in buildings of three storied building.	nr	delete
MA-22	Tiles Calicut pattern laid in any building (tiles available at site).	m2	delete
MA-23	Tiles Calicut pattern, Supplied & laid any building	m2	delete
MA-24	Shifting and re-laying Calicut pattern tiles.	m2	delete
AL01	Fixing Aluminium Fastener - Supplying and fixing heavy quality Aluminium fastener (any colour) using 5/32x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	552.00
AL02	Fixing Aluminium Crescent Lock - Supplying and fixing heavy quality Aluminium Crescent lock (any colour) using 5/32x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	434.00
AL03	Fixing Bar Hinges - Supplying and fixing 14" SS 304 Bar hinge using 5/32x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	1,445.00
AL04	Fixing 2" Barrel Bolt - Supplying and fixing 2" barrel bolt (any colour) using 1/8x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	351.00
AL05	Fixing 3" Barrel Bolt - Supplying and fixing 3" barrel bolt (any colour) using 1/8x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	422.00
AL06	Fixing 4" Barrel Bolt - Supplying and fixing 4" barrel bolt (any colour) using 1/8x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	499.00
AL07	Fixing 6" Barrel Bolt - Supplying and fixing 6" barrel bolt (any colour) using 1/8x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	682.00
AL08	Fixing 4"x3" Al Hinge - Supplying and fixing 4"x3" Aluminium hinge (any colour) using 1/8x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	422.00
AL09	Fixing 4"x3" SS Hinge - Supplying and fixing 4"x3" SS 304 hinge using 1/8x3/8" Al rivets. If required old accessories and rivets should be removed.	nr	739.00

AL10	Fixing Door Closer - Supplying and fixing door closer (Dhul / New Star or equivalent approved by the Engineer). If required old accessories should be removed.	nr	4,362.00
AL11	Fixing Door Lock - Supplying and fixing door lock (CL or equivalent approved by the Engineer). If required old accessories should be removed.	nr	2,608.00
AL12	Fixing Rubber Beading for Glass - Supplying and fixing rubber beadings (455S) both sides for glass.	m	128.00
AL13	Fixing Rubber Beading for Cladding Board - Supplying and fixing rubber beadings (3303, 3303A) both sides for composite board.	m	140.00
AL14	Fixing Glass for Door/Partition - Supplying and fixing 5mm thick clear glass for doors or partitions with rubber beadings (455S) both sides.	m2	4,100.00
AL15	Fixing Cladding Board for Door/Partition - Supplying and fixing 4mm thick Al/PVC Double side composite board for doors or partitions with rubber beadings (3303, 3303A) both sides.	m2	4,187.00
AL16	Fixing Glass for Window - Supplying and fixing 5mm thick clear glass for windows with rubber beadings (674U) both sides.	m2	5,752.00
ALN01	900x2100mm Natural Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/01, Option 1. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	26,334.00

C. B. D

ALN02	<p>900x2100mm Natural Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/01, Option 2. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,293.00
ALN03	<p>1050x2100mm Natural Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/02, Option 1. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	24,121.00

ALN04	<p>1050x2100mm Natural Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/02, Option 2. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	24,083.00
ALN05	<p>900x2550mm Natural Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Louvers - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/01, Option 1. Overall size of the door frame is 900x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	28,183.00

C.B.N

ALN06	<p>900x2550mm Natural Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Louvers - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/01, Option 2. Overall size of the door frame is 900x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	28,150.00
ALN07	<p>900x2550mm Natural Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Fix Glass - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/01, Option 1. Overall size of the door frame is 900x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,590.00

ALN08	<p>900x2550mm Natural Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Fix Glass - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/01, Option 2. Overall size of the door frame is 900x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,570.00
ALN09	<p>1050x2550mm Natural Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Louvers - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/02, Option 1. Overall size of the door frame is 1050x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,852.00

C.B.M

ALN10	<p>1050x2550mm Natural Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Louvers - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/02, Option 2. Overall size of the door frame is 1050x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,842.00
ALN11	<p>1050x2550mm Natural Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Fix Glass - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/02, Option 1. Overall size of the door frame is 1050x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	23,358.00

ALN12	<p>1050x2550mm Natural Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Fix Glass - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/02, Option 2. Overall size of the door frame is 1050x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	23,347.00
ALN13	<p>1500x2100mm Natural Anodized Aluminium Panel Double Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/01, Option 1. Overall size of the door frame is 1500x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 6 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, 2 Nrs of Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,917.00

C.B.A

ALN14	<p>1500x2100mm Natural Anodized Aluminium Panel Double Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and Bottom panel – Glass) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/01, Option 2. Overall size of the door frame is 1500x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 6 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, 2 Nrs of Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,890.00
ALN15	<p>1050x2100mm Natural Anodized Aluminium Panel Single Swing Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized paneled swing door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/S/01, Option 1. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100 x 45 x 1.2mm box bar) and fixing with 38 x38 x 2.5mm Al bracket using 1/8 x 3/8" Al rivets. Frame should be fixed to wall with 15 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80 x 42mm), side bars (70 x 45mm), middle bar (100 x 42mm) and bottom bar (120 x 42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38 x 38 x 2.5mm Al bracket using 1/8 x 3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S rubber beadings, 1 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 2 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	33,703.00

ALN16	<p>1050x2100mm Natural Anodized Aluminium Panel Single Swing Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized paneled swing door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/S/01, Option 2. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 15 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 1 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 2 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	33,678.00
ALN17	<p>1800x2100mm Natural Anodized Aluminium Panel Double Swing Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized paneled swing door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/S/01, Option 1. Overall size of the door frame is 1800x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 17 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 2 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 4 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	33,944.00

C.B.A

ALN18	1800x2100mm Natural Anodized Aluminium Panel Double Swing Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized paneled swing door (Top and Bottom panel - Glass) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/S/01, Option 2. Overall size of the door frame is 1800x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 17 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 2 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 4 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	33,918.00
ALN19	900x2100mm Natural Anodized Aluminium Panel Sliding Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized paneled sliding door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/SD/01, Option 1. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top rail (40x33mm), bottom rail (40x20mm) and side bars (40x24mm), and fixing using 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Door sash consisting top bar (22x32mm), side bars (50x26mm), middle bar (22x30mm) and bottom bar (22x56mm). Sash frame should be fixed using 8x1 1/2" ST screws. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required 3303, 3303A and 455S Rubber beadings, 2 Nrs of Adjustable rollers, 4 Nrs of Guide runners for the top, 2 Nrs of Aluminium plate door handles, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Hole buttons, Silicone etc. (Frame height and door sash width should be measured for payments)	m2	17,759.00
ALN20	900x2100mm Natural Anodized Aluminium Panel Sliding Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized paneled sliding door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/SD/01, Option 2. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top rail (40x33mm), bottom rail (40x20mm) and side bars (40x24mm), and fixing using 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Door sash consisting top bar (22x32mm), side bars (50x26mm), middle bar (22x30mm) and bottom bar (22x56mm). Sash frame should be fixed using 8x1 1/2" ST screws. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 455S Rubber beadings, 2 Nrs of Adjustable rollers, 4 Nrs of Guide runners for the top, 2 Nrs of Aluminium plate door handles, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Hole buttons, Silicone etc. (Frame height and door sash width should be measured for payments)	m2	17,727.00

ALN21	<p>Wash Room/ Toilet Door - 750x2100mm Natural Anodized Aluminium Panel Door (Top and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized paneled door (Top and Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/03. Overall size of the door frame is 750x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x23mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top and bottom bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side) and middle bar (100x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 3mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303A Rubber beadings, 3 Nrs of 100x75mm Aluminium hinges using 5/32x3/8" Al rivets, 2 Nrs of Aluminium plate door handle, Door lock (CL or equivalent approved by the Engineer), 2 Nrs of 3" Al Barrel Bolt, Screws, Pop rivets, Silicone etc.</p>	m2	25,927.00
ALN22	<p>Normal Toilet Door - 750x1950mm Natural Anodized Aluminium Fully Cladding Door - Supplying, fabricating and fixing Aluminium natural anodized fully composite board (Al/PVC Composite board) door with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/04. Overall size of the door frame is 750x1950mm. (Size may be changed according to the site) Door frame consisting top and side bars (50x25x0.9mm box bars) with 18x11mm door stopper bar using 5/32x3/8" Al rivets and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top, sides, bottom and 2 Nrs of middle bars (50x25x0.9mm box bars). Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 3mm thick Al/PVC double side composite board for full door should be fixed using 1/8x3/8" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 3 Nrs of 100x75mm Aluminium hinges using 5/32x3/8" Al rivets, 2 Nrs of Aluminium plate door handle, 2 Nrs of 2" Al Barrel Bolt, Screws, Pop rivets, Silicone etc.</p>	m2	15,497.00
ALN23	<p>600x1200mm Natural Anodized Aluminium Casement Window (1 Sash) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (1 Nr window sash) as per Drg. No. SPES/RATE23/CW/01. Overall size of the window frame is 600x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	27,460.00

C.B.A

ALN24	<p>1200x1200mm Natural Anodized Aluminium Casement Window (2 Sashes) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (2 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/02. Overall size of the window frame is 1200x1200mm. (Size may be changed according to the site)</p> <p>Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	26,192.00
ALN25	<p>1800x1200mm Natural Anodized Aluminium Casement Window (3 Sashes) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (3 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/03. Overall size of the window frame is 1800x1200mm. (Size may be changed according to the site)</p> <p>Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	25,774.00
ALN26	<p>2400x1200mm Natural Anodized Aluminium Casement Window (4 Sashes) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (4 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/04. Overall size of the window frame is 2400x1200mm. (Size may be changed according to the site)</p> <p>Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	25,558.00

ALN27	3000x1200mm Natural Anodized Aluminium Casement Window (5 Sashes) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (5 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/05. Overall size of the window frame is 3000x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K rubber beading, 674U rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	25,428.00
ALN28	600x1650mm Natural Anodized Aluminium Casement Window (1 Sashes) with Fix Glass (1 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (1 Nr window sash and 1 Nr fix glass at the top) as per Drg. No. SPES/RATE23/CW/L/01. Overall size of the window frame is 600x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), horizontal middle bar (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panel should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nr of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	24,755.00
ALN29	1200x1650mm Natural Anodized Aluminium Casement Window (2 Sashes) with Fix Glass (2 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (2 Nrs window sashes and 2 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/02. Overall size of the window frame is 1200x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,828.00

C.B.A

ALN30	1800x1650mm Natural Anodized Aluminium Casement Window (3 Sashes) with Fix Glass (3 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (3 Nrs window sashes and 3 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/03. Overall size of the window frame is 1800x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,534.00
ALN31	2400x1650mm Natural Anodized Aluminium Casement Window (4 Sashes) with Fix Glass (4 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (4 Nrs window sashes and 4 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/04. Overall size of the window frame is 2400x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,390.00
ALN32	3000x1650mm Natural Anodized Aluminium Casement Window (5 Sashes) with Fix Glass (5 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (5 Nrs window sashes and 5 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/05. Overall size of the window frame is 3000x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 20 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,294.00

ALN33	600x1650mm Natural Anodized Aluminium Casement Window (1 Sash) with Louvers (1 Louver at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (1 Nr window sashes and 1 Nr louver at the top) as per Drg. No. SPES/RATE23/CW/F/01. Overall size of the window frame is 600x1650mm including 450mm high louver. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panel should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	28,151.00
ALN34	1200x1650mm Natural Anodized Aluminium Casement Window (2 Sashes) with Louvers (2 Louvers at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (2 Nrs window sashes and 2 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/02. Overall size of the window frame is 1200x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,294.00
ALN35	1800x1650mm Natural Anodized Aluminium Casement Window (3 Sashes) with Louvers (3 Louvers at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (3 Nrs window sashes and 3 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/03. Overall size of the window frame is 1800x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	26,984.00

C.B.A.

ALN36	2400x1650mm Natural Anodized Aluminium Casement Window (4 Sashes) with Louvers (4 Louvers at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (4 Nrs window sashes and 4 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/04. Overall size of the window frame is 2400x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	26,848.00
ALN37	3000x1650mm Natural Anodized Aluminium Casement Window (5 Sashes) with Louvers (5 Louvers at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement window with frame (5 Nrs window sashes and 5 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/05. Overall size of the window frame is 3000x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 20 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	26,747.00
ALN38	1200x1200mm Natural Anodized Aluminium Sliding Window (2 Sashes) - Supplying, fabricating and fixing Aluminium natural anodized sliding window with frame (2 Nrs window sashes) as per Drg. No. SPES/RATE23/SW/01. Overall size of the window frame is 1200x1200mm. (Size may be changed according to the site) Window frame consisting top bars (70x32mm), bottom bar (70x30mm) and side bars (73x25mm), and fixing with 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.	m2	20,480.00

ALN39	2400x1200mm Natural Anodized Aluminium Sliding Window (4 Sashes) - Supplying, fabricating and fixing Aluminium natural anodized sliding window with frame (4 Nrs window sashes) as per Drg. No. SPES/RATE23/SW/02. Overall size of the window frame is 2400x1200mm. (Size may be changed according to the site) Window frame consisting top bars (70x32mm), bottom bar (70x30mm) and side bars (73x25mm), and fixing with 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.	m2	19,084.00
ALN40	1200x1650mm Natural Anodized Aluminium Sliding Window (2 Sashes) with Louvers (2 Louvers at the top) - Supplying, fabricating and fixing Aluminium natural anodized sliding window with frame (2 Nrs window sashes and 2 Nrs louvers at the top) as per Drg. No. SPES/RATE23/SW/L/01. Overall size of the window frame is 1200x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for louver height, vertical middle bar (46x41mm) for louver height, and fixing with 8x1 1/2" ST screws and required Al rivets. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.	m2	24,408.00

C B

ALN41	<p>2400x1650mm Natural Anodized Aluminium Sliding Window (4 Sashes) with Louvers (4 Louvers at the top) - Supplying, fabricating and fixing Aluminium natural anodized sliding window with frame (4 Nrs window sashes and 4 Nrs louvers at the top) as per Drg. No. SPES/RATE23/SW/L/02. Overall size of the window frame is 2400x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for louver height, vertical middle bar (46x41mm) for louver height, and fixing with 8x1 1/2" ST screws and required Al rivets. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	23,102.00
ALN42	<p>1200x1650mm Natural Anodized Aluminium Sliding Window (2 Sashes) with Fix Glass (2 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium natural anodized sliding window with frame (2 Nrs window sashes and 2 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/SW/F/01. Overall size of the window frame is 1200x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for fix glass height, vertical middle bar (46x41mm) for fix glass height, and fixing with 8x1 1/2" ST screws and required Al rivets. 5mm thick clear glass should be fixed to frame with 34x18mm clip bars. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 3303, 455S and 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	21,022.00

ALN43	<p>2400x1650mm Natural Anodized Aluminium Sliding Window (4 Sashes) with Fix Glass (4 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium natural anodized sliding window with frame (4 Nrs window sashes and 4 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/SW/F/02. Overall size of the window frame is 2400x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for fix glass height, vertical middle bar (46x41mm) for fix glass height, and fixing with 8x1 1/2" ST screws and required Al rivets. 5mm thick clear glass should be fixed to frame with 34x18mm clip bars. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 3303, 455S and 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	19,653.00
ALN44	<p>2100mm height Natural Anodized Aluminium Partition (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized partition (Top panel - Glass, Bottom panel - Al/PVC Composite board) as per Drg. No. SPES/RATE23/P/01, Option 1. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for bottom panels and 5mm thick clear glass for top panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,031.00

c. B. A

ALN45	<p>2100mm height Natural Anodized Aluminium Partition (Top Panel and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized partition (Top and Bottom panel – Glass) as per Drg. No. SPES/RATE23/P/01, Option 2. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,008.00
ALN46	<p>2100mm height Natural Anodized Aluminium Partition (Top Panel and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized partition (Top and Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/P/01, Option 3. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,061.00

ALN47	<p>Full Height Natural Anodized Aluminium Partition (Top and Bottom Panel - Cladding Board, Middle Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized partition (Top and Bottom panels - Al/PVC Composite board, Middle panels - Glass) as per Drg. No. SPES/RATE23/FP/01, Option 1. (Door sashes pay separately) Overall height of the partition is up to ceiling or soffit. Bottom panel height is 900mm and middle panel height is 2100mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm), side bars (76x32mm), horizontal middle bars (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall, floor and soffit/ceiling with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top and bottom panels, and 5mm thick clear glass for middle panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	13,263.00
ALN48	<p>Full Height Natural Anodized Aluminium Partition (Top, Middle and Bottom Panel - Cladding Board) -Supplying, fabricating and fixing Aluminium natural anodized partition (Top, Middle and Bottom panels - Al/PVC Composite board) as per Drg. No. SPES/RATE23/FP/01, Option 2. (Door sashes pay separately) Overall height of the partition is up to ceiling or soffit. Bottom panel height is 900mm and middle panel height is 2100mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm), side bars (76x32mm), horizontal middle bars (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall, floor and soffit/ceiling with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top, middle and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	13,277.00

C. B. A

ALN49	1200mm height Natural Anodized Aluminium Partition (Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized partition (Panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/HP/01. Overall height of the partition is 1200mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.	m2	13,573.00
ALN50	900x2070mm Natural Anodized Aluminium Partition Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized partition paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/PD/01, Option 1. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	21,582.00
ALN51	900x2070mm Natural Anodized Aluminium Partition Panel Door (Top and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium natural anodized partition paneled door (Top and Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/PD/01, Option 2. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303 and 3303A Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	21,621.00

ALN52	900x2070mm Natural Anodized Aluminium Partition Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium natural anodized partition paneled door (Top and Bottom panel – Glass) as per Drg. No. SPES/RATE23/PD/01, Option 3. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al natural anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	21,555.00
ALN53	900x1200mm Natural Anodized Aluminium Fix Glass - Supplying, fabricating and fixing Aluminium natural anodized fix glass with frame (2 Nrs panels divided equally) as per Drg. No. SPES/RATE23/FG/01. Overall size of the fix glass frame is 900x1200mm. (Size may be changed according to the site) Fix glass frame consisting top, bottom and side bars (41x31mm), vertical middle bar (46x41) and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. 5mm thick clear glass should be fixed to frame with clip bar (34x18mm) using. Rate should be included for supplying and fixing required 455S Rubber beading, Screws, Pop rivets, Silicone etc.	m2	15,079.00
ALN54	900x1200mm Natural Anodized Aluminium Louvers - Supplying, fabricating and fixing Aluminium natural anodized fix louvers with frame (2 Nrs panels divided equally) as per Drg. No. SPES/RATE23/L/01. Overall size of the louver frame is 900x1200mm. (Size may be changed according to the site) Louver frame consisting top, bottom and side bars (41x31mm), vertical middle bar (46x41) and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Rate should be included for supplying and fixing required, Screws, Pop rivets, Silicone etc.	m2	29,758.00
ALN55	Natural Anodized Aluminium Louvers for Door Top - Supplying, fabricating and fixing Aluminium natural anodized fix louvers with frame for door top (Panels divided equally not more than 600mm width) as per Drg. No. SPES/RATE23/L/02. Overall size of the louver frame is 900x600mm. (Size may be changed according to the site) Louver frame consisting top bar (76x32mm), side bars (76x32mm with 18x11mm door stopper bar at louver height), horizontal middle bar should be clipped with 70x4mm clip bar, and vertical middle bar/s (46x41mm), and fixing using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). Rate should be included for supplying and fixing required, Screws, Pop rivets, Silicone etc.	m2	37,034.00

C.B.A.

ALN56	600x600mm Natural Anodized Aluminium Casement Fanlight (1 Sash) - Supplying, fabricating and fixing Aluminium natural anodized casement Fanlight with frame (1 Nr Fanlight sash) as per Drg. No. SPES/RATE23/FL/01. Overall size of the fanlight frame is 600x600mm. (Size may be changed according to the site) Fanlight frame consisting top, bottom and side bars (41x31mm), and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x2" ST screws. Fanlight sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	37,941.00
ALN57	600x1050mm Natural Anodized Aluminium Casement Fanlight (1 Sash) with Louver (1 Louver at the top) - Supplying, fabricating and fixing Aluminium natural anodized casement Fanlight with frame (1 Nrs fanlight sash and 1 Nrs louver at the top) as per Drg. No. SPES/RATE23/FL/L/01. Overall size of the fanlight frame is 600x1050mm. (Size may be changed according to the site) Fanlight frame consisting top, bottom, side bars (41x31mm) and horizontal middle bar (46x41mm), and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Fanlight sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	35,024.00
ALB01	900x2100mm Bronze Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/01, Option 1. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	26,556.00

ALB02	<p>900x2100mm Bronze Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/01, Option 2. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,516.00
ALB03	<p>1050x2100mm Bronze Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/02, Option 1. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	24,341.00

CB-8

ALB04	<p>1050x2100mm Bronze Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/02, Option 2. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	24,303.00
ALB05	<p>900x2550mm Bronze Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Louvers - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/01, Option 1. Overall size of the door frame is 900x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	28,493.00

ALB06	<p>900x2550mm Bronze Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Louvers - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/01, Option 2. Overall size of the door frame is 900x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	28,460.00
ALB07	<p>900x2550mm Bronze Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Fix Glass - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/01, Option 1. Overall size of the door frame is 900x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,804.00

C.B.D

ALB08	<p>900x2550mm Bronze Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Fix Glass - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/01, Option 2. Overall size of the door frame is 900x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	25,783.00
ALB09	<p>1050x2550mm Bronze Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Louvers - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/02, Option 1. Overall size of the door frame is 1050x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,160.00

ALB10	<p>1050x2550mm Bronze Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Louvers - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and Bottom panel - Glass) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/02, Option 2. Overall size of the door frame is 1050x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,150.00
ALB11	<p>1050x2550mm Bronze Anodized Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Fix Glass - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/02, Option 1. Overall size of the door frame is 1050x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	23,570.00

C. B. N

ALB12	<p>1050x2550mm Bronze Anodized Aluminium Panel Door (Top and Bottom Panel - Glass) with Fix Glass - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/02, Option 2. Overall size of the door frame is 1050x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	23,559.00
ALB13	<p>1500x2100mm Bronze Anodized Aluminium Panel Double Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/01, Option 1. Overall size of the door frame is 1500x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 6 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, 2 Nrs of Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,198.00

ALB14	<p>1500x2100mm Bronze Anodized Aluminium Panel Double Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and Bottom panel – Glass) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/01, Option 2. Overall size of the door frame is 1500x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 6 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, 2 Nrs of Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,170.00
ALB15	<p>1050x2100mm Bronze Anodized Aluminium Panel Single Swing Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized paneled swing door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/S/01, Option 1. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 15 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S rubber beadings, 1 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 2 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	34,130.00

L. B. M.

ALB16	<p>1050x2100mm Bronze Anodized Aluminium Panel Single Swing Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized paneled swing door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/S/01, Option 2. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 15 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 1 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 2 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	34,105.00
ALB17	<p>1800x2100mm Bronze Anodized Aluminium Panel Double Swing Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized paneled swing door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/S/01, Option 1. Overall size of the door frame is 1800x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 17 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 2 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 4 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	34,352.00

ALB18	1800x2100mm Bronze Anodized Aluminium Panel Double Swing Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized paneled swing door (Top and Bottom panel - Glass) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/S/01, Option 2. Overall size of the door frame is 1800x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 17 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 2 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 4 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	34,326.00
ALB19	900x2100mm Bronze Anodized Aluminium Panel Sliding Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized paneled sliding door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/SD/01, Option 1. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top rail (40x33mm), bottom rail (40x20mm) and side bars (40x24mm), and fixing using 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Door sash consisting top bar (22x32mm), side bars (50x26mm), middle bar (22x30mm) and bottom bar (22x56mm). Sash frame should be fixed using 8x1 1/2" ST screws. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required 3303, 3303A and 455S Rubber beadings, 2 Nrs of Adjustable rollers, 4 Nrs of Guide runners for the top, 2 Nrs of Aluminium plate door handles, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Hole buttons, Silicone etc. (Frame height and door sash width should be measured for payments)	m2	18,008.00
ALB20	900x2100mm Bronze Anodized Aluminium Panel Sliding Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized paneled sliding door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/SD/01, Option 2. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top rail (40x33mm), bottom rail (40x20mm) and side bars (40x24mm), and fixing using 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Door sash consisting top bar (22x32mm), side bars (50x26mm), middle bar (22x30mm) and bottom bar (22x56mm). Sash frame should be fixed using 8x1 1/2" ST screws. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 455S Rubber beadings, 2 Nrs of Adjustable rollers, 4 Nrs of Guide runners for the top, 2 Nrs of Aluminium plate door handles, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Hole buttons, Silicone etc. (Frame height and door sash width should be measured for payments)	m2	17,977.00

C.B.M

ALB21	<p>Wash Room/ Toilet Door - 750x2100mm Bronze Anodized Aluminium Panel Door (Top and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized paneled door (Top and Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/03. Overall size of the door frame is 750x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x23mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top and bottom bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side) and middle bar (100x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 3mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303A Rubber beadings, 3 Nrs of 100x75mm Aluminium hinges using 5/32x3/8" Al rivets, 2 Nrs of Aluminium plate door handle, Door lock (CL or equivalent approved by the Engineer), 2 Nrs of 3" Al Barrel Bolt, Screws, Pop rivets, Silicone etc.</p>	m2	26,352.00
ALB22	<p>Normal Toilet Door - 750x1950mm Bronze Anodized Aluminium Fully Cladding Door - Supplying, fabricating and fixing Aluminium bronze anodized fully composite board (Al/PVC Composite board) door with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/04. Overall size of the door frame is 750x1950mm. (Size may be changed according to the site) Door frame consisting top and side bars (50x25x0.9mm box bars) with 18x11mm door stopper bar using 5/32x3/8" Al rivets and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top, sides, bottom and 2 Nrs of middle bars (50x25x0.9mm box bars). Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 3mm thick Al/PVC double side composite board for full door should be fixed using 1/8x3/8" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 3 Nrs of 100x75mm Aluminium hinges using 5/32x3/8" Al rivets, 2 Nrs of Aluminium plate door handle, 2 Nrs of 2" Al Barrel Bolt, Screws, Pop rivets, Silicone etc.</p>	m2	15,777.00
ALB23	<p>600x1200mm Bronze Anodized Aluminium Casement Window (1 Sash) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (1 Nr window sash) as per Drg. No. SPES/RATE23/CW/01. Overall size of the window frame is 600x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	27,726.00

ALB24	1200x1200mm Bronze Anodized Aluminium Casement Window (2 Sashes) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (2 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/02. Overall size of the window frame is 1200x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	26,453.00
ALB25	1800x1200mm Bronze Anodized Aluminium Casement Window (3 Sashes) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (3 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/03. Overall size of the window frame is 1800x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	26,034.00
ALB26	2400x1200mm Bronze Anodized Aluminium Casement Window (4 Sashes) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (4 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/04. Overall size of the window frame is 2400x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	25,818.00

C. B-N

ALB27	<p>3000x1200mm Bronze Anodized Aluminium Casement Window (5 Sashes) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (5 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/05. Overall size of the window frame is 3000x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K rubber beading, 674U rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	25,687.00
ALB28	<p>600x1650mm Bronze Anodized Aluminium Casement Window (1 Sashes) with Fix Glass (1 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (1 Nr window sash and 1 Nr fix glass at the top) as per Drg. No. SPES/RATE23/CW/L/01. Overall size of the window frame is 600x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), horizontal middle bar (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panel should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nr of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	25,027.00
ALB29	<p>1200x1650mm Bronze Anodized Aluminium Casement Window (2 Sashes) with Fix Glass (2 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (2 Nrs window sashes and 2 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/02. Overall size of the window frame is 1200x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	24,096.00

ALB30	1800x1650mm Bronze Anodized Aluminium Casement Window (3 Sashes) with Fix Glass (3 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (3 Nrs window sashes and 3 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/03. Overall size of the window frame is 1800x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,801.00
ALB31	2400x1650mm Bronze Anodized Aluminium Casement Window (4 Sashes) with Fix Glass (4 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (4 Nrs window sashes and 4 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/04. Overall size of the window frame is 2400x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,656.00
ALB32	3000x1650mm Bronze Anodized Aluminium Casement Window (5 Sashes) with Fix Glass (5 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (5 Nrs window sashes and 5 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/05. Overall size of the window frame is 3000x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 20 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,560.00

C.B.A.

ALB33	600x1650mm Bronze Anodized Aluminium Casement Window (1 Sash) with Louvers (1 Louver at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (1 Nr window sashes and 1 Nr louver at the top) as per Drg. No. SPES/RATE23/CW/F/01. Overall size of the window frame is 600x1650mm including 450mm high louver. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panel should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	28,592.00
ALB34	1200x1650mm Bronze Anodized Aluminium Casement Window (2 Sashes) with Louvers (2 Louvers at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (2 Nrs window sashes and 2 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/02. Overall size of the window frame is 1200x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,733.00
ALB35	1800x1650mm Bronze Anodized Aluminium Casement Window (3 Sashes) with Louvers (3 Louvers at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (3 Nrs window sashes and 3 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/03. Overall size of the window frame is 1800x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,422.00

ALB36	2400x1650mm Bronze Anodized Aluminium Casement Window (4 Sashes) with Louvers (4 Louvers at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (4 Nrs window sashes and 4 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/04. Overall size of the window frame is 2400x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,286.00
ALB37	3000x1650mm Bronze Anodized Aluminium Casement Window (5 Sashes) with Louvers (5 Louvers at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement window with frame (5 Nrs window sashes and 5 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/05. Overall size of the window frame is 3000x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 20 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,185.00
ALB38	1200x1200mm Bronze Anodized Aluminium Sliding Window (2 Sashes) - Supplying, fabricating and fixing Aluminium bronze anodized sliding window with frame (2 Nrs window sashes) as per Drg. No. SPES/RATE23/SW/01. Overall size of the window frame is 1200x1200mm. (Size may be changed according to the site) Window frame consisting top bars (70x32mm), bottom bar (70x30mm) and side bars (73x25mm), and fixing with 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.	m2	20,811.00

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ALB39	<p>2400x1200mm Bronze Anodized Aluminium Sliding Window (4 Sashes) - Supplying, fabricating and fixing Aluminium bronze anodized sliding window with frame (4 Nrs window sashes) as per Drg. No. SPES/RATE23/SW/02. Overall size of the window frame is 2400x1200mm. (Size may be changed according to the site) Window frame consisting top bars (70x32mm), bottom bar (70x30mm) and side bars (73x25mm), and fixing with 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	19,409.00
ALB40	<p>1200x1650mm Bronze Anodized Aluminium Sliding Window (2 Sashes) with Louvers (2 Louvers at the top) - Supplying, fabricating and fixing Aluminium bronze anodized sliding window with frame (2 Nrs window sashes and 2 Nrs louvers at the top) as per Drg. No. SPES/RATE23/SW/L/01. Overall size of the window frame is 1200x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for louver height, vertical middle bar (46x41mm) for louver height, and fixing with 8x1 1/2" ST screws and required Al rivets. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	24,983.00

ALB41	<p>2400x1650mm Bronze Anodized Aluminium Sliding Window (4 Sashes) with Louvers (4 Louvers at the top) - Supplying, fabricating and fixing Aluminium bronze anodized sliding window with frame (4 Nrs window sashes and 4 Nrs louvers at the top) as per Drg. No. SPES/RATE23/SW/L/02. Overall size of the window frame is 2400x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for louver height, vertical middle bar (46x41mm) for louver height, and fixing with 8x1 1/2" ST screws and required Al rivets. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	23,659.00
ALB42	<p>1200x1650mm Bronze Anodized Aluminium Sliding Window (2 Sashes) with Fix Glass (2 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium bronze anodized sliding window with frame (2 Nrs window sashes and 2 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/SW/F/01. Overall size of the window frame is 1200x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for fix glass height, vertical middle bar (46x41mm) for fix glass height, and fixing with 8x1 1/2" ST screws and required Al rivets. 5mm thick clear glass should be fixed to frame with 34x18mm clip bars. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 3303, 455S and 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	21,430.00

C. B. D.

ALB43	<p>2400x1650mm Bronze Anodized Aluminium Sliding Window (4 Sashes) with Fix Glass (4 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium bronze anodized sliding window with frame (4 Nrs window sashes and 4 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/SW/F/02. Overall size of the window frame is 2400x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for fix glass height, vertical middle bar (46x41mm) for fix glass height, and fixing with 8x1 1/2" ST screws and required Al rivets. 5mm thick clear glass should be fixed to frame with 34x18mm clip bars. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 3303, 455S and 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	20,040.00
ALB44	<p>2100mm height Bronze Anodized Aluminium Partition (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized partition (Top panel - Glass, Bottom panel - Al/PVC Composite board) as per Drg. No. SPES/RATE23/P/01, Option 1. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for bottom panels and 5mm thick clear glass for top panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,115.00

ALB45	<p>2100mm height Bronze Anodized Aluminium Partition (Top Panel and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized partition (Top and Bottom panel – Glass) as per Drg. No. SPES/RATE23/P/01, Option 2. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,092.00
ALB46	<p>2100mm height Bronze Anodized Aluminium Partition (Top Panel and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized partition (Top and Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/P/01, Option 3. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,144.00



ALB47	<p>Full Height Bronze Anodized Aluminium Partition (Top and Bottom Panel - Cladding Board, Middle Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized partition (Top and Bottom panels - Al/PVC Composite board, Middle panels - Glass) as per Drg. No. SPES/RATE23/FP/01, Option 1. (Door sashes pay separately) Overall height of the partition is up to ceiling or soffit. Bottom panel height is 900mm and middle panel height is 2100mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm), side bars (76x32mm), horizontal middle bars (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall, floor and soffit/ceiling with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top and bottom panels, and 5mm thick clear glass for middle panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	13,344.00
ALB48	<p>Full Height Bronze Anodized Aluminium Partition (Top, Middle and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized partition (Top, Middle and Bottom panels - Al/PVC Composite board) as per Drg. No. SPES/RATE23/FP/01, Option 2. (Door sashes pay separately) Overall height of the partition is up to ceiling or soffit. Bottom panel height is 900mm and middle panel height is 2100mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm), side bars (76x32mm), horizontal middle bars (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall, floor and soffit/ceiling with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top, middle and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	13,359.00

ALB49	1200mm height Bronze Anodized Aluminium Partition (Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized partition (Panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/HP/01. Overall height of the partition is 1200mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.	m2	13,621.00
ALB50	900x2070mm Bronze Anodized Aluminium Partition Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized partition paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/PD/01, Option 1. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	21,938.00
ALB51	900x2070mm Bronze Anodized Aluminium Partition Panel Door (Top and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium bronze anodized partition paneled door (Top and Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/PD/01, Option 2. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303 and 3303A Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	21,977.00

C.B.D

ALB52	<p>900x2070mm Bronze Anodized Aluminium Partition Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium bronze anodized partition paneled door (Top and Bottom panel – Glass) as per Drg. No. SPES/RATE23/PD/01, Option 3. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al bronze anodized door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	21,911.00
ALB53	<p>900x1200mm Bronze Anodized Aluminium Fix Glass - Supplying, fabricating and fixing Aluminium bronze anodized fix glass with frame (2 Nrs panels divided equally) as per Drg. No. SPES/RATE23/FG/01. Overall size of the fix glass frame is 900x1200mm. (Size may be changed according to the site) Fix glass frame consisting top, bottom and side bars (41x31mm), vertical middle bar (46x41) and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. 5mm thick clear glass should be fixed to frame with clip bar (34x18mm) using. Rate should be included for supplying and fixing required 455S Rubber beading, Screws, Pop rivets, Silicone etc.</p>	m2	15,314.00
ALB54	<p>900x1200mm Bronze Anodized Aluminium Louvers - Supplying, fabricating and fixing Aluminium bronze anodized fix louvers with frame (2 Nrs panels divided equally) as per Drg. No. SPES/RATE23/L/01. Overall size of the louver frame is 900x1200mm. (Size may be changed according to the site) Louver frame consisting top, bottom and side bars (41x31mm), vertical middle bar (46x41) and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Rate should be included for supplying and fixing required, Screws, Pop rivets, Silicone etc.</p>	m2	30,678.00
ALB55	<p>Bronze Anodized Aluminium Louvers for Door Top - Supplying, fabricating and fixing Aluminium bronze anodized fix louvers with frame for door top (Panels divided equally not more than 600mm width) as per Drg. No. SPES/RATE23/L/02. Overall size of the louver frame is 900x600mm. (Size may be changed according to the site) Louver frame consisting top bar (76x32mm), side bars (76x32mm with 18x11mm door stopper bar at louver height), horizontal middle bar should be clipped with 70x4mm clip bar, and vertical middle bar/s (46x41mm), and fixing using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). Rate should be included for supplying and fixing required, Screws, Pop rivets, Silicone etc.</p>	m2	37,805.00

ALB56	600x600mm Bronze Anodized Aluminium Casement Fanlight (1 Sash) - Supplying, fabricating and fixing Aluminium bronze anodized casement Fanlight with frame (1 Nr Fanlight sash) as per Drg. No. SPES/RATE23/FL/01. Overall size of the fanlight frame is 600x600mm. (Size may be changed according to the site) Fanlight frame consisting top, bottom and side bars (41x31mm), and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x2" ST screws. Fanlight sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	38,293.00
ALB57	600x1050mm Bronze Anodized Aluminium Casement Fanlight (1 Sash) with Louver (1 Louver at the top) - Supplying, fabricating and fixing Aluminium bronze anodized casement Fanlight with frame (1 Nrs fanlight sash and 1 Nrs louver at the top) as per Drg. No. SPES/RATE23/FL/L/01. Overall size of the fanlight frame is 600x1050mm. (Size may be changed according to the site) Fanlight frame consisting top, bottom, side bars (41x31mm) and horizontal middle bar (46x41mm), and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Fanlight sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	35,613.00
ALP01	900x2100mm Powder Coated Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/01, Option 1. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	27,170.00

C.B.A

ALP02	<p>900x2100mm Powder Coated Aluminium Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/01, Option 2. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	27,129.00
ALP03	<p>1050x2100mm Powder Coated Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/02, Option 1. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	24,891.00

ALP04	1050x2100mm Powder Coated Aluminium Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/02, Option 2. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	24,853.00
ALP05	900x2550mm Powder Coated Aluminium Panel Door (Top Panel - Glass, Bottom Panel Cladding Board) with Louvers - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/01, Option 1. Overall size of the door frame is 900x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	29,116.00

ALP06	<p>900x2550mm Powder Coated Aluminium Panel Door (Top and Bottom Panel - Glass) with Louvers - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/01, Option 2. Overall size of the door frame is 900x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	29,083.00
ALP07	<p>900x2550mm Powder Coated Aluminium Panel Door (Top Panel - Glass, Bottom Panel Cladding Board) with Fix Glass - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/01, Option 1. Overall size of the door frame is 900x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,389.00

ALP08	<p>900x2550mm Powder Coated Aluminium Panel Door (Top and Bottom Panel - Glass) with Fix Glass - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/01, Option 2. Overall size of the door frame is 900x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,368.00
ALP09	<p>1050x2550mm Powder Coated Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Louvers - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/02, Option 1. Overall size of the door frame is 1050x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,719.00

C. B. A

ALP10	<p>1050x2550mm Powder Coated Aluminium Panel Door (Top and Bottom Panel - Glass) with Louvers - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height louver panels at the top) as per Drg. No. SPES/RATE23/D/L/02, Option 2. Overall size of the door frame is 1050x2550mm including 450mm high louvers. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm, use 18x11mm door stopper bar at louver height with required Al rivets) horizontal middle bar (76x32mm with 70x4mm clip bar) and vertical middle bar (46x41mm) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,709.00
ALP11	<p>1050x2550mm Powder Coated Aluminium Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) with Fix Glass - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/02, Option 1. Overall size of the door frame is 1050x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	24,090.00

ALP12	<p>1050x2550mm Powder Coated Aluminium Panel Door (Top and Bottom Panel - Glass) with Fix Glass - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and Bottom panel – Glass) with frame (1 Nr door sash and 2 Nrs 450mm height fix glass panels at the top) as per Drg. No. SPES/RATE23/D/F/02, Option 2. Overall size of the door frame is 1050x2550mm including 450mm high fix glass. (Size may be changed according to the site) Door frame consisting top bar (76x32mm), side bars (76x32mm) horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19mm clip bar) and vertical middle bar (76x32mm with 70x11mm clip bar) with 18x11mm door stopper bar around door frame using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 455S rubber beading. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 4 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	24,080.00
ALP13	<p>1500x2100mm Powder Coated Aluminium Panel Double Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/01, Option 1. Overall size of the door frame is 1500x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 6 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, 2 Nrs of Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,727.00

C-B. A

ALP14	<p>1500x2100mm Powder Coated Aluminium Panel Double Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and Bottom panel – Glass) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/01, Option 2. Overall size of the door frame is 1500x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x32mm) with 18x11mm door stopper bar using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 6 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, 2 Nrs of Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	26,700.00
ALP15	<p>1050x2100mm Powder Coated Aluminium Panel Single Swing Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated paneled swing door (Top panel - Glass, Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/S/01, Option 1. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 15 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S rubber beadings, 1 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 2 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	34,500.00

ALP16	<p>1050x2100mm Powder Coated Aluminium Panel Single Swing Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated paneled swing door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/S/01, Option 2. Overall size of the door frame is 1050x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 15 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 1 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 2 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	34,476.00
ALP17	<p>1800x2100mm Powder Coated Aluminium Panel Double Swing Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated paneled swing door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/S/01, Option 1. Overall size of the door frame is 1800x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 17 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 2 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 4 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	34,693.00

C.B.A

ALP18	1800x2100mm Powder Coated Aluminium Panel Double Swing Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated paneled swing door (Top and Bottom panel - Glass) with frame (2 Nrs door sash) as per Drg. No. SPES/RATE23/DD/S/01, Option 2. Overall size of the door frame is 1800x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (100x45x1.2mm box bar) and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 17 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top bar (80x42mm), side bars (70x45mm), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 2 Nrs of Floor hinges (VVP or equivalent approved by the Engineer, required one year warranty) with arm and pivot, 4 Nrs of SS bend door handle, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	34,667.00
ALP19	900x2100mm Powder Coated Aluminium Panel Sliding Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated paneled sliding door (Top panel - Glass, Bottom panel - Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/SD/01, Option 1. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top rail (40x33mm), bottom rail (40x20mm) and side bars (40x24mm), and fixing using 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Door sash consisting top bar (22x32mm), side bars (50x26mm), middle bar (22x30mm) and bottom bar (22x56mm). Sash frame should be fixed using 8x1 1/2" ST screws. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required 3303, 3303A and 455S Rubber beadings, 2 Nrs of Adjustable rollers, 4 Nrs of Guide runners for the top, 2 Nrs of Aluminium plate door handles, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Hole buttons, Silicone etc. (Frame height and door sash width should be measured for payments)	m2	18,086.00
ALP20	900x2100mm Powder Coated Aluminium Panel Sliding Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated paneled sliding door (Top and bottom panel - Glass) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/SD/01, Option 2. Overall size of the door frame is 900x2100mm. (Size may be changed according to the site) Door frame consisting top rail (40x33mm), bottom rail (40x20mm) and side bars (40x24mm), and fixing using 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Door sash consisting top bar (22x32mm), side bars (50x26mm), middle bar (22x30mm) and bottom bar (22x56mm). Sash frame should be fixed using 8x1 1/2" ST screws. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 455S Rubber beadings, 2 Nrs of Adjustable rollers, 4 Nrs of Guide runners for the top, 2 Nrs of Aluminium plate door handles, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Hole buttons, Silicone etc. (Frame height and door sash width should be measured for payments)	m2	18,055.00

ALP21	<p>Wash Room/ Toilet Door - 750x2100mm Powder Coated Aluminium Panel Door (Top and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated paneled door (Top and Bottom panel – Al/PVC Composite board) with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/03. Overall size of the door frame is 750x2100mm. (Size may be changed according to the site) Door frame consisting top and side bars (76x23mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top and bottom bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side) and middle bar (100x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 3mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303A Rubber beadings, 3 Nrs of 100x75mm Aluminium hinges using 5/32x3/8" Al rivets, 2 Nrs of Aluminium plate door handle, Door lock (CL or equivalent approved by the Engineer), 2 Nrs of 3" Al Barrel Bolt, Screws, Pop rivets, Silicone etc.</p>	m2	26,603.00
ALP22	<p>Normal Toilet Door - 750x1950mm Powder Coated Aluminium Fully Cladding Door - Supplying, fabricating and fixing Aluminium powder coated fully composite board (Al/PVC Composite board) door with frame (1 Nr door sash) as per Drg. No. SPES/RATE23/D/04. Overall size of the door frame is 750x1950mm. (Size may be changed according to the site) Door frame consisting top and side bars (50x25x0.9mm box bars) with 18x11mm door stopper bar using 5/32x3/8" Al rivets and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x3" ST screws. Door sash consisting top, sides, bottom and 2 Nrs of middle bars (50x25x0.9mm box bars). Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 3mm thick Al/PVC double side composite board for full door should be fixed using 1/8x3/8" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 3 Nrs of 100x75mm Aluminium hinges using 5/32x3/8" Al rivets, 2 Nrs of Aluminium plate door handle, 2 Nrs of 2" Al Barrel Bolt, Screws, Pop rivets, Silicone etc.</p>	m2	16,050.00
ALP23	<p>600x1200mm Powder Coated Aluminium Casement Window (1 Sash) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (1 Nr window sash) as per Drg. No. SPES/RATE23/CW/01. Overall size of the window frame is 600x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	28,083.00

C B.A

ALP24	<p>1200x1200mm Powder Coated Aluminium Casement Window (2 Sashes) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (2 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/02. Overall size of the window frame is 1200x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	26,786.00
ALP25	<p>1800x1200mm Powder Coated Aluminium Casement Window (3 Sashes) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (3 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/03. Overall size of the window frame is 1800x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	26,358.00
ALP26	<p>2400x1200mm Powder Coated Aluminium Casement Window (4 Sashes) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (4 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/04. Overall size of the window frame is 2400x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.</p>	m2	26,138.00

ALP27	3000x1200mm Powder Coated Aluminium Casement Window (5 Sashes) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (5 Nrs window sashes) as per Drg. No. SPES/RATE23/CW/05. Overall size of the window frame is 3000x1200mm. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K rubber beading, 674U rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	26,005.00
ALP28	600x1650mm Powder Coated Aluminium Casement Window (1 Sashes) with Fix Glass (1 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (1 Nr window sash and 1 Nr fix glass at the top) as per Drg. No. SPES/RATE23/CW/L/01. Overall size of the window frame is 600x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), horizontal middle bar (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panel should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nr of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	25,301.00
ALP29	1200x1650mm Powder Coated Aluminium Casement Window (2 Sashes) with Fix Glass (2 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (2 Nrs window sashes and 2 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/02. Overall size of the window frame is 1200x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	24,346.00

C. B. A

ALP30	1800x1650mm Powder Coated Aluminium Casement Window (3 Sashes) with Fix Glass (3 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (3 Nrs window sashes and 3 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/03. Overall size of the window frame is 1800x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	24,043.00
ALP31	2400x1650mm Powder Coated Aluminium Casement Window (4 Sashes) with Fix Glass (4 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (4 Nrs window sashes and 4 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/04. Overall size of the window frame is 2400x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,893.00
ALP32	3000x1650mm Powder Coated Aluminium Casement Window (5 Sashes) with Fix Glass (5 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (5 Nrs window sashes and 5 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/CW/L/05. Overall size of the window frame is 3000x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 20 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 5mm thick clear glass using 34x18mm clip bar and 455S rubber beading. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	23,795.00

ALP33	600x1650mm Powder Coated Aluminium Casement Window (1 Sash) with Louvers (1 Louver at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (1 Nr window sashes and 1 Nr louver at the top) as per Drg. No. SPES/RATE23/CW/F/01. Overall size of the window frame is 600x1650mm including 450mm high louver. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panel should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	28,912.00
ALP34	1200x1650mm Powder Coated Aluminium Casement Window (2 Sashes) with Louvers (2 Louvers at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (2 Nrs window sashes and 2 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/02. Overall size of the window frame is 1200x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 4 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 2 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	28,030.00
ALP35	1800x1650mm Powder Coated Aluminium Casement Window (3 Sashes) with Louvers (3 Louvers at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (3 Nrs window sashes and 3 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/03. Overall size of the window frame is 1800x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 6 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 3 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,710.00

C.D.A

ALP36	2400x1650mm Powder Coated Aluminium Casement Window (4 Sashes) with Louvers (4 Louvers at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (4 Nrs window sashes and 4 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/04. Overall size of the window frame is 2400x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 8 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 4 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,571.00
ALP37	3000x1650mm Powder Coated Aluminium Casement Window (5 Sashes) with Louvers (5 Louvers at the top) - Supplying, fabricating and fixing Aluminium powder coated casement window with frame (5 Nrs window sashes and 5 Nrs louvers at the top) as per Drg. No. SPES/RATE23/CW/F/05. Overall size of the window frame is 3000x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top, bottom and side bars (41x31mm), vertical and horizontal middle bars (46x41mm), and fixing with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 20 Nrs of No 6 rowl plugs and 8x2" ST screws. Frame top panels should be fixed with 52x34mm louver blades with 20x37mm louver frame bars using 1/8x1/2" Al rivets. Window sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 10 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 5 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	27,467.00
ALP38	1200x1200mm Powder Coated Aluminium Sliding Window (2 Sashes) - Supplying, fabricating and fixing Aluminium powder coated sliding window with frame (2 Nrs window sashes) as per Drg. No. SPES/RATE23/SW/01. Overall size of the window frame is 1200x1200mm. (Size may be changed according to the site) Window frame consisting top bars (70x32mm), bottom bar (70x30mm) and side bars (73x25mm), and fixing with 8x1 1/2" ST screws. Frame should be fixed to wall with 12 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.	m2	20,995.00

ALP39	2400x1200mm Powder Coated Aluminium Sliding Window (4 Sashes) - Supplying, fabricating and fixing Aluminium powder coated sliding window with frame (4 Nrs window sashes) as per Drg. No. SPES/RATE23/SW/02. Overall size of the window frame is 2400x1200mm. (Size may be changed according to the site) Window frame consisting top bars (70x32mm), bottom bar (70x30mm) and side bars (73x25mm), and fixing with 8x1 1/2" ST screws. Frame should be fixed to wall with 16 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.	m2	19,558.00
ALP40	1200x1650mm Powder Coated Aluminium Sliding Window (2 Sashes) with Louvers (2 Louvers at the top) - Supplying, fabricating and fixing Aluminium powder coated sliding window with frame (2 Nrs window sashes and 2 Nrs louvers at the top) as per Drg. No. SPES/RATE23/SW/L/01. Overall size of the window frame is 1200x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for louver height, vertical middle bar (46x41mm) for louver height, and fixing with 8x1 1/2" ST screws and required Al rivets. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.	m2	25,164.00

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ALP41	<p>2400x1650mm Powder Coated Aluminium Sliding Window (4 Sashes) with Louvers (4 Louvers at the top) - Supplying, fabricating and fixing Aluminium powder coated sliding window with frame (4 Nrs window sashes and 4 Nrs louvers at the top) as per Drg. No. SPES/RATE23/SW/L/02. Overall size of the window frame is 2400x1650mm including 450mm high louvers. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for louver height, vertical middle bar (46x41mm) for louver height, and fixing with 8x1 1/2" ST screws and required Al rivets. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	23,808.00
ALP42	<p>1200x1650mm Powder Coated Aluminium Sliding Window (2 Sashes) with Fix Glass (2 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium powder coated sliding window with frame (2 Nrs window sashes and 2 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/SW/F/01. Overall size of the window frame is 1200x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for fix glass height, vertical middle bar (46x41mm) for fix glass height, and fixing with 8x1 1/2" ST screws and required Al rivets. 5mm thick clear glass should be fixed to frame with 34x18mm clip bars. Frame should be fixed to wall with 14 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 3303, 455S and 674U Rubber beading, 4 Nrs of Adjustable rollers, 8 Nrs of Guide runners for top, 1 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	21,566.00

ALP43	<p>2400x1650mm Powder Coated Aluminium Sliding Window (4 Sashes) with Fix Glass (4 Fix Glasses at the top) - Supplying, fabricating and fixing Aluminium powder coated sliding window with frame (4 Nrs window sashes and 4 Nrs fix glasses at the top) as per Drg. No. SPES/RATE23/SW/F/02. Overall size of the window frame is 2400x1650mm including 450mm high fix glasses. (Size may be changed according to the site) Window frame consisting top bars (70x30mm), bottom bar (70x30mm) and side bars (73x25mm), horizontal middle bar (70x32mm) with 70x18mm clip bar, vertical side clip bars (73x18mm) for fix glass height, vertical middle bar (46x41mm) for fix glass height, and fixing with 8x1 1/2" ST screws and required Al rivets. 5mm thick clear glass should be fixed to frame with 34x18mm clip bars. Frame should be fixed to wall with 18 Nrs of No 6 rowl plugs and 8x2" ST screws. Window sash consisting top bar (28x32mm), bottom bar (22x56mm) and side bars (30x26mm one side, 30x32mm lock side) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. 30x16mm bar should be fixed to one middle sash using 5/32x1/2" Al rivets. Rate should be included for supplying and fixing required Mohair beading, 3303, 455S and 674U Rubber beading, 8 Nrs of Adjustable rollers, 16 Nrs of Guide runners for top, 2 Nr of heavy quality Crescent lock using 5/32x3/8" Al rivets, Screws, Pop rivets, Hole buttons, Silicone etc.</p>	m2	20,143.00
ALP44	<p>2100mm height Powder Coated Aluminium Partition (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated partition (Top panel - Glass, Bottom panel - Al/PVC Composite board) as per Drg. No. SPES/RATE23/P/01, Option 1. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for bottom panels and 5mm thick clear glass for top panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,367.00

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ALP45	<p>2100mm height Powder Coated Aluminium Partition (Top Panel and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated partition (Top and Bottom panel – Glass) as per Drg. No. SPES/RATE23/P/01, Option 2. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,344.00
ALP46	<p>2100mm height Powder Coated Aluminium Partition (Top Panel and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated partition (Top and Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/P/01, Option 3. (Door sashes pay separately) Overall height of the partition is 2100mm and Bottom panel height is 900mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), horizontal middle bar (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	14,397.00

ALP47	<p>Full Height Powder Coated Aluminium Partition (Top and Bottom Panel - Cladding Board, Middle Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated partition (Top and Bottom panels - Al/PVC Composite board, Middle panels - Glass) as per Drg. No. SPES/RATE23/FP/01, Option 1. (Door sashes pay separately) Overall height of the partition is up to ceiling or soffit. Bottom panel height is 900mm and middle panel height is 2100mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm), side bars (76x32mm), horizontal middle bars (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall, floor and soffit/ceiling with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top and bottom panels, and 5mm thick clear glass for middle panels should be fixed. Rate should be included for supplying and fixing required 3303 and 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	13,566.00
ALP48	<p>Full Height Powder Coated Aluminium Partition (Top, Middle and Bottom Panel - Cladding Board) -Supplying, fabricating and fixing Aluminium powder coated partition (Top, Middle and Bottom panels - Al/PVC Composite board) as per Drg. No. SPES/RATE23/FP/01, Option 2. (Door sashes pay separately) Overall height of the partition is up to ceiling or soffit. Bottom panel height is 900mm and middle panel height is 2100mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm), side bars (76x32mm), horizontal middle bars (75x32mm with 70x11mm clip bar and 31x19 clip bar), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall, floor and soffit/ceiling with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for top, middle and bottom panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.</p>	m2	13,580.00

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ALP49	1200mm height Powder Coated Aluminium Partition (Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated partition (Panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/HP/01. Overall height of the partition is 1200mm. (Heights may be changed according to the site) Partition panels in horizontal way should be divided in equal widths (Maximum width is 1200mm c/c). Partition frame consisting top bar (76x32mm with 70x4mm clip bar), side bars (76x32mm), bottom bar (75x32mm with 31x19 clip bar) and vertical middle bars (76x32mm with 70x11mm clip bar), and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. If required, Squire or Circular corner bars will be paid separately (Net material cost + 5% + 20%). Frame should be fixed to wall and floor with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). 4mm thick Al/PVC double side composite board for panels should be fixed. Rate should be included for supplying and fixing required 3303A Rubber beadings, Screws, Pop rivets, Silicone etc.	m2	13,913.00
ALP50	900x2070mm Powder Coated Aluminium Partition Panel Door (Top Panel - Glass, Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated partition paneled door (Top panel - Glass, Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/PD/01, Option 1. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for bottom panel and 5mm thick clear glass for top panel should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303, 3303A and 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	22,232.00
ALP51	900x2070mm Powder Coated Aluminium Partition Panel Door (Top and Bottom Panel - Cladding Board) - Supplying, fabricating and fixing Aluminium powder coated partition paneled door (Top and Bottom panel – Al/PVC Composite board) as per Drg. No. SPES/RATE23/PD/01, Option 2. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 4mm thick Al/PVC double side composite board for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 3303 and 3303A Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.	m2	22,271.00

ALP52	<p>900x2070mm Powder Coated Aluminium Partition Panel Door (Top and Bottom Panel - Glass) - Supplying, fabricating and fixing Aluminium powder coated partition paneled door (Top and Bottom panel – Glass) as per Drg. No. SPES/RATE23/PD/01, Option 3. Overall size of the door is 900x2070mm. (Size may be changed according to the site) Door frame around the door fixing with 18x11mm door stopper bar using 5/32x3/8" Al rivets. Door sash consisting top bar (80x42mm), side bars (66x45mm hinges side, 70x45mm lock side), middle bar (100x42mm) and bottom bar (120x42mm). 16x15mm clip bar should be used for required bars. Sash frame should be fixed with 38x38x2.5mm Al bracket using 1/8x3/8" Al rivets, 8mm dia. treaded bar with nuts for top and bottom bars. 5mm thick clear glass for top and bottom panels should be fixed. Rate should be included for supplying and fixing required Mohair beading, 455S Rubber beadings, 3 Nrs of 100x75mm Al hinges using 5/32x3/8" Al rivets, Al powder coated door handle (102x40mm) pair with cap nuts, Door lock (CL or equivalent approved by the Engineer), Screws, Pop rivets, Silicone etc.</p>	m2	22,204.00
ALP53	<p>900x1200mm Powder Coated Aluminium Fix Glass - Supplying, fabricating and fixing Aluminium powder coated fix glass with frame (2 Nrs panels divided equally) as per Drg. No. SPES/RATE23/FG/01. Overall size of the fix glass frame is 900x1200mm. (Size may be changed according to the site) Fix glass frame consisting top, bottom and side bars (41x31mm), vertical middle bar (46x41) and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. 5mm thick clear glass should be fixed to frame with clip bar (34x18mm) using. Rate should be included for supplying and fixing required 455S Rubber beading, Screws, Pop rivets, Silicone etc.</p>	m2	15,374.00
ALP54	<p>900x1200mm Powder Coated Aluminium Louvers - Supplying, fabricating and fixing Aluminium powder coated fix louvers with frame (2 Nrs panels divided equally) as per Drg. No. SPES/RATE23/L/01. Overall size of the louver frame is 900x1200mm. (Size may be changed according to the site) Louver frame consisting top, bottom and side bars (41x31mm), vertical middle bar (46x41) and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Rate should be included for supplying and fixing required, Screws, Pop rivets, Silicone etc.</p>	m2	30,909.00
ALP55	<p>Powder Coated Aluminium Louvers for Door Top - Supplying, fabricating and fixing Aluminium powder coated fix louvers with frame for door top (Panels divided equally not more than 600mm width) as per Drg. No. SPES/RATE23/L/02. Overall size of the louver frame is 900x600mm. (Size may be changed according to the site) Louver frame consisting top bar (76x32mm), side bars (76x32mm with 18x11mm door stopper bar at louver height), horizontal middle bar should be clipped with 70x4mm clip bar, and vertical middle bar/s (46x41mm), and fixing using 5/32x3/8" Al rivets, and fixing with 50x18x2mm Al bracket using 1/8x3/8" Al rivets and 8x1 1/2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Frame should be fixed to wall with adequate Nrs of No 6 rowl plugs and 8x3" ST screws (Average distance 600mm). Rate should be included for supplying and fixing required, Screws, Pop rivets, Silicone etc.</p>	m2	38,408.00

ALP56	600x600mm Powder Coated Aluminium Casement Fanlight (1 Sash) - Supplying, fabricating and fixing Aluminium powder coated casement Fanlight with frame (1 Nr Fanlight sash) as per Drg. No. SPES/RATE23/FL/01. Overall size of the fanlight frame is 600x600mm. (Size may be changed according to the site) Fanlight frame consisting top, bottom and side bars (41x31mm), and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets. Frame should be fixed to wall with 8 Nrs of No 6 rowl plugs and 8x2" ST screws. Fanlight sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	38,764.00
ALP57	600x1050mm Powder Coated Aluminium Casement Fanlight (1 Sash) with Louver (1 Louver at the top) - Supplying, fabricating and fixing Aluminium powder coated casement Fanlight with frame (1 Nrs fanlight sash and 1 Nrs louver at the top) as per Drg. No. SPES/RATE23/FL/L/01. Overall size of the fanlight frame is 600x1050mm. (Size may be changed according to the site) Fanlight frame consisting top, bottom, side bars (41x31mm) and horizontal middle bar (46x41mm), and fixing using 38x38x2.5mm Al angle bracket with 1/8x3/8" Al rivets. Frame should be fixed to wall with 10 Nrs of No 6 rowl plugs and 8x2" ST screws. Louver blades (52x34mm) should be fixed to louver frame bars (20x37mm) using 1/8x1/2" Al rivets, and louver panel fixed to frame using 1/8x1/2" Al rivets. Fanlight sash consisting top, bottom and side bars (40x35mm) should be fixed using 8x1 1/2" ST screws, and 5mm thick clear glass. Rate should be included for supplying and fixing required 437K Rubber beading, 674U Rubber beading, 2 Nrs of 14" SS 304 bar hinges using 5/32x3/8" Al rivets, 1 Nrs of heavy quality Al fasteners using 5/32x3/8" Al rivets, Screws, Pop rivets, Silicone etc.	m2	35,978.00