

CHAPTER 14: ALUMINIUM DOOR, WINDOW FRAME & GLASS WORKS

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
14.1	Supplying fitting and fixing of aluminium swing door with spandrel as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.5 mm thick wall frame (size 101.60 mm, 44.45 mm), 2.0 mm mm thick shutter side (size 54 mm, 46 mm), 0.99 mm thick door glass bit (size 16.54 mm, 15.49 mm, 0.115 kg/m), 1.8 mm thick clousure section (size 101.60 mm, 42.93 mm),1.5 mm thick 106.60 mm clousure cover (0.392 kg/m), 4 mm thick floor bottom (size 101.60 mm, 12.70 mm, 1 kg/m), 1.8 mm thick shutter bottom (size 82.6 mm, 43.99 mm, 0.60 kg/m), 1.8 mm thick shutter top (size 51 mm, 43.99 mm, 1.88 kg/m) and 2.3 mm to 4.01 mm thick handle (size 101.60 mm, 38.10 mm, 25.40 mm short, 1.35 kg/m), 1.5 mm thick 31.75 mm shutter divider(0.535 kg/m), 1.5 mm thick 7.14 mm spandrel section of all aluminum members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc.including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm t					
14.1.1	Anodized to bronze colour	sqm	Tk. 8,300.00	Tk. 8,289.00	Tk. 8,228.00	Tk. 8,228.00
14.1.2	Powder coated to any colour	sqm	Tk. 9,159.00	Tk. 9,149.00	Tk. 9,088.00	Tk. 9,088.00
14.2	Supplying fitting and fixing of aluminium swing door as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.5 mm thick wall frame (size 101.60 mm, 44.45 mm, 83.21 mm), 2.0 mm thick shutter side (size 54 mm, 46 mm), 0.99 mm thick door glass bit (size 16.54 mm, 15.49 mm, 0.115 kg/m), 1.8 mm thick clousure section (size 101.60 mm, 42.93 mm),1.5 mm thick 106.60 mm clousure cover (0.392 kg/m), 4 mm thick floor bottom (size 101.60 mm, 12.70 mm, 1 kg/m), 1.8 mm thick shutter bottom (size 82.6 mm, 43.99 mm, 0.60 kg/m), 1.8 mm thick shutter top (size 51 mm, 43.99 mm, 1.88 kg/m) and 2.3 mm to 4.01 mm thick handle (size 101.60 mm, 38.10 mm, 25.40 mm short, 1.35 kg/m) section of all aluminum members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc.including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, s					
14.2.1	Anodized to any colour	sqm	Tk. 7,588.00	Tk. 7,580.00	Tk. 7,527.00	Tk. 7,527.00
14.2.2	Powder coated to any colour	sqm	Tk. 8,274.00	Tk. 8,266.00	Tk. 8,213.00	Tk. 8,213.00

Handwritten signatures and initials are present below the table, including a large signature on the left and several initials and smaller signatures on the right.

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
14.3	Supplying, fitting and fixing of aluminium composite swing doors with fixed partition as per the U. S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.5 mm thick wall frame (size 101.60, 44.45 mm, 0.86 kg/m), 1.8 mm thick shutter side (size 54 mm, 46 mm, 1.2 kg/m), 0.99 mm thick door glass bit (size 16.54 mm, 14.49 mm, 0.115 kg/m), 1.8 mm thick closure section (size 101.54 mm, 42.93 mm, 1.20 kg/m), 1.5 thick closure cover (101.60 mm, 0.45 kg/m), 4 mm thick floor bottom (size 101.60 mm, 12.70 mm, 1 kg/m), 1.8 mm thick shutter bottom (size 86.60 mm, 43.99 mm, 0.60 kg/m), 1.8 mm thick shutter top (size 51 mm, 43.99 mm, 1.88 kg/m) 2.3mm to 4.01mm thick handle (short) (size 101.60 mm, 38.10 mm, 25.40 mm, 1.35 kg/m), minimum 1.2 mm thick top and side (size 101.60 mm, 44.45 mm, 0.934 kg/m), minimum 1.2 mm thick bottom (size 101.35 mm, 44.45 mm, 0.734 kg/m), minimum 1.2 mm thick bottom cover (44.32 mm, 19.61mm, 0.333 kg/m), minimum 1.2 mm thick gro aluminium bronze/silver/ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc.including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Size up to: 1500 mm x 2100 mm.lush bolt , bolts and nuts including sealants, labour charge for fitting , fixing by angles, screws, mohiar, washer, machinery, cost of fabrication, making the grooves, mending good the damages, electricity etc. complete in all respect as per drawing and accepted by the Engineer-in-charge.					
14.3.1	Anodized to any colour	sqm	Tk. 3,911.00	Tk. 3,906.00	Tk. 3,876.00	Tk. 3,876.00
14.3.2	Powder coated to any colour	sqm	Tk. 4,319.00	Tk. 4,314.00	Tk. 4,284.00	Tk. 4,284.00
14.4	Supplying, fitting and fixing of aluminium sliding doors as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (size 75.50 mm, 17.79 mm, 0.47 kg/m), minimum 1.2 mm thick outer top (size 75.50 mm, 28.50 mm, 0.705 kg/m), minimum 1.2 mm thick shutter top (size 33 mm, 26.80 mm, 0.42 kg/m), minimum 1.2 mm shutter bottom (size 60 mm, 24 mm, 0.589 kg/m), minimum 1.2 mm thick outer side(size 75.50 mm, 19.90 mm, 0.52 kg/m),minimum 1.2 mm thick shutter lock (size 49.20 mm, 25.80 mm, 0.543 kg/m), minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm, 0.562 kg/m) sections all aluminum members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like handle, sliding door key lock , sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Size up to: 2100 mm x 2100 mm	OK				
14.4.1	Anodized to any colour	sqm	Tk. 3,269.00	Tk. 3,265.00	Tk. 3,222.00	Tk. 3,222.00
14.4.2	Powder coated to any colour	sqm	Tk. 3,794.00	Tk. 3,789.00	Tk. 3,746.00	Tk. 3,746.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
14.5	Supplying, fitting and fixing of aluminium sliding doors with mosquito mesh as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (size 95 mm, 22.39 mm, 0.476 kg/m), minimum 1.2 mm thick outer top (size 95.00 mm, 28.50 mm, 0.749 kg/m), minimum 1.2 mm thick shutter top (size 33 mm, 26.80 mm, 0.42 kg/m), minimum 1.2 mm shutter bottom (size 60 mm, 24.40mm, 0.589 kg/m), minimum 1.2 mm thick outer side(size 95.00 mm, 19.50 mm, 0.591kg/m), minimum 1.2 mm thick shutter lock (size 49.20 mm, 25.80 mm, 0.543 kg/m), minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm 0.562 kg/m), minimum 1.2 mm thick shutter divider (size 31.75 mm, 0.535 kg/m) sections all aluminum members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories like handle, sliding door key lock , sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Size up to: 2100 mm x 2100 mm"	OK				
14.5.1	Anodized to any colour	sqm	Tk. 4,610.00	Tk. 4,605.00	Tk. 4,555.00	Tk. 4,555.00
14.5.2	Powder coated to any colour	sqm	Tk. 5,435.00	Tk. 5,431.00	Tk. 5,380.00	Tk. 5,380.00
14.6	Supplying, fitting and fixing of aluminium sliding doors with spandrel as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (size 75.50 mm, 17.79 mm, 0.605 kg/m), minimum 1.2 mm thick outer top (size 75.50 mm, 28.50 mm, 0.705 kg/m), minimum 1.2 mm thick shutter top (size 33 mm, 26.80 mm, 0.42 kg/m), minimum 1.2 mm thick shutter bottom (size 60 mm, 24 mm, 0.589 kg/m), minimum 1.2 mm thick outer side(size 75.50 mm, 19.90 mm, 0.52 kg/m), minimum 1.2 mm thick shutter lock (size 49.20 mm, 25.80 mm, 0.543 kg/m), minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm, 0.562 kg/m), minimum 1.2 mm thick shutter divider (size 31.75 mm, 0.535 kg/m) and minimum 1.5 mm thick spandrel (7.14 mm) sections all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door whee , sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Size up to: 1800 mm x 2100 mm	OK				
14.6.1	Anodized to any colour	sqm	Tk. 4,976.00	Tk. 4,971.00	Tk. 4,921.00	Tk. 4,921.00
14.6.2	Powder coated to any colour	sqm	Tk. 5,795.00	Tk. 5,790.00	Tk. 5,740.00	Tk. 5,740.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
14.7	Supplying, fitting and fixing of aluminium sliding window as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (size 75.50 mm, 32mm,0.605 kg/m), minimum 1.2 mm thick outer top (size 75.50 mm, 28.50 mm,0.705 kg/m), minimum 1.2 mm thick shutter top (size 33 mm,26.80 mm,0.42 kg/m), minimum 1.2 mm thick shutter bottom (size 60mm, 24.40 mm,0.589 kg/m), minimum 1.2 mm thick outer side (size 75.50 mm,19.90 mm,0.52 kg/m), minimum 1.2 mm thick shutter lock (size 49.20 mm 25.80 mm,0.543 kg/m) and minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm,0.562 kg/m) sections all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge.	OK				
14.7.1	Size up to: 1500 mm x 1400 mm.					
14.7.1.1	Anodized to any colour	sqm	Tk. 3,814.00	Tk. 3,807.00	Tk. 3,764.00	Tk. 3,764.00
14.7.1.2	Powder coated to any colour	sqm	Tk. 4,583.00	Tk. 4,576.00	Tk. 4,534.00	Tk. 4,534.00
14.7.2	Size up to: 900 mm x 1400 mm					
14.7.2.1	Anodized to any colour	sqm	Tk. 5,190.00	Tk. 5,180.00	Tk. 5,124.00	Tk. 5,124.00
14.7.2.2	Powder coated to any colour	sqm	Tk. 6,523.00	Tk. 6,514.00	Tk. 6,458.00	Tk. 6,458.00
14.8	Supplying, fitting and fixing of aluminium sliding window with mosquito mesh as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (95.00 mm, 38.00 mm outer bottom,0.72 kg/m), minimum 1.2 mm thick outer top (95.00 mm, 28.5 mm outer top, 0.75 kg/m), minimum 1.2 mm thick shutter top (size 33 mm,26.80 mm,0.42 kg/m), minimum 1.2 mm thick shutter bottom (size 60mm, 24.40 mm,0.589 kg/m), minimum 1.2 mm thick outer side (95.00 mm, 19.50 mm outer side ,0.591 kg/m), minimum 1.2 mm thick shutter lock (size 49.20 mm 25.80 mm,0.543 kg/m) and minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm,0.562 kg/m) sections all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, accessories like handle, sliding door key lock , sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as	OK				
14.8.1	Size up to: 1524 mm x 1372 mm					
14.8.1.1	Anodized to any colour	sqm	Tk. 5,119.00	Tk. 5,113.00	Tk. 5,068.00	Tk. 5,068.00
14.8.1.2	Powder coated to any colour	sqm	Tk. 6,222.00	Tk. 6,216.00	Tk. 6,171.00	Tk. 6,171.00
14.8.2	Size up to: 1280 mm x 1372 mm					
14.8.2.1	Anodized to any colour	sqm	Tk. 5,828.00	Tk. 5,821.00	Tk. 5,766.00	Tk. 5,766.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
14.8.2.2	Powder coated to any colour	sqm	Tk. 7,054.00	Tk. 7,047.00	Tk. 6,992.00	Tk. 6,992.00
14.8.3	Size up to: 762 mm x 610 mm					
14.8.3.1	Anodized to any colour	sqm	Tk. 12,106.00	Tk. 12,080.00	Tk. 11,930.00	Tk. 11,930.00
14.8.3.2	Powder coated to any colour	sqm	Tk. 14,430.00	Tk. 14,404.00	Tk. 14,254.00	Tk. 14,254.00
14.9	Supplying, fitting and fixing of equal dimension frame(EDF) section aluminium sliding window with mosquito mesh as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.5 mm thick outer bottom (size 91.50 mm, 38.00 mm), 1.5 mm thick outer top (size 91.00 mm, 28.70 mm), 1.5 mm thick shutter top (size 65.00 mm, 27.30 mm), 1.5 mm thick shutter bottom (size 72.20 mm, 24.65 mm), 1.5 mm thick outer side (size 91.50 mm, 28.50 mm), 1.5 mm thick shutter lock (size 65.30 mm, 26.00 mm), 1.5 mm thick shutter inter lock (size 55.20 mm, 26.00 mm), 1.5 mm thick mesh section (size 55.20 mm, 13.20 mm), all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door niding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engi					
14.9.1	Size up to: 1524 mm x 1372 mm					
14.9.1.1	Anodized to any colour	sqm	Tk. 6,482.00	Tk. 6,471.00	Tk. 6,402.00	Tk. 6,402.00
14.9.1.2	Powder coated to any colour	sqm	Tk. 6,767.00	Tk. 6,761.00	Tk. 6,715.00	Tk. 6,715.00
14.9.2	Size up to: 1280 mm x 1372 mm					
14.9.2.1	Anodized to any colour	sqm	Tk. 7,025.00	Tk. 7,018.00	Tk. 6,964.00	Tk. 6,964.00
14.9.2.2	Powder coated to any colour	sqm	Tk. 7,704.00	Tk. 7,697.00	Tk. 7,642.00	Tk. 7,642.00
14.9.3	Size up to: 762 mm x 610 mm					
14.9.3.1	Anodized to any colour	sqm	Tk. 14,305.00	Tk. 14,279.00	Tk. 14,129.00	Tk. 14,129.00
14.9.3.2	Powder coated to any colour	sqm	Tk. 15,579.00	Tk. 15,552.00	Tk. 15,402.00	Tk. 15,402.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
14.10	Supplying, fitting and fixing of aluminium fixed composite window as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (size 75.50 mm, 32 mm, 0.605 kg/m), minimum 1.2 mm thick outer top (size 75.50mm, 28.50 mm, 0.705 kg/m), minimum 1.2 mm thick shutter top (size 33 mm, 26.80 mm, 0.42 kg/m), minimum 1.2 mm thick shutter bottom (size 60 mm, 24.40 mm, 0.589 kg/m), minimum 1.2 mm thick outer side (size 75.50 mm, 19.90 mm, 0.52 kg/m), minimum 1.2 mm thick shutter lock (size 49.20 mm, 25.80 mm,0.543 kg/m), minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm,0.562 kg/m), minimum 1.2 mm thick bottom cover (size 17.40 mm, 31.78 mm, 0.25 kg/m), minimum 1.2 mm thick fixed bottom (size 76.20 mm, 38.10 mm, 0.640 kg/m), minimum 1.2 mm thick groove cover (size 57.15 mm, 15.88 mm, 0.362 kg/m) and minimum 1.2 mm thick top and side (size 76.20 mm, 38.10 mm, 0.769 kg/m) sections all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc.including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Size up to: 1500 mm x 2100 mm.	OK				
14.10.1	Anodized to any colour	sqm	Tk. 4,086.00	Tk. 4,082.00	Tk. 4,043.00	Tk. 4,043.00
14.10.2	Powder coated to any colour	sqm	Tk. 4,786.00	Tk. 4,782.00	Tk. 4,743.00	Tk. 4,743.00
14.11	Supplying, fitting and fixing of aluminium top hung/casement windows as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.5 mm thick casement outer (size 38.86 mm, 36.36 mm, 0.395kg/m), 1.9 mm thick casement shutter (size 47.62 mm, 28.57 mm, 0.692 kg/m), and 1.245 mm thick shutter glass clip (size 15.87 mm, 27 mm, 0.188 kg/m) sections of all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 1.5 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc.including all accessories 4-bar hinge, casement handle, bolts and nuts keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge.	OK				
14.11.1	Anodized to any colour	sqm	Tk. 11,311.00	Tk. 11,300.00	Tk. 11,159.00	Tk. 11,159.00
14.11.2	Powder coated to any colour	sqm	Tk. 11,524.00	Tk. 11,513.00	Tk. 11,387.00	Tk. 11,387.00

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14.12	Supplying fitting and fixing of aluminium corrugated curtain wall as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick bottom cover (size 17.40 mm 31.78 mm, 0.250 kg/m), minimum 1.2 mm thick fixed bottom (size 76.20 m 38.10 mm, 0.640 kg/m), minimum 1.2 mm thick groove cover(size 57.15 mm, 15.80 mm 0.362 kg/m), minimum 1.2 mm thick top and side (size 76.2 mm, 57.15 mm, 0.769 kg/m) and 1.5 mm thick spandrel (7.14 mm) sections of will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories like rivet, screws fixed neoprene etc. complete in all respect as per drawing and accepted by the Engineer-in-charge.	OK				
14.12.1	Size up to: 3000 mm x 2100 mm					
14.12.1.1	Anodized to any colour	sqm	Tk. 7,516.00	Tk. 7,512.00	Tk. 7,471.00	Tk. 7,471.00
14.12.1.2	Powder coated to any colour	sqm	Tk. 8,604.00	Tk. 8,600.00	Tk. 8,559.00	Tk. 8,559.00
14.12.2	Size up to: 3000 mm x 750 mm					
14.12.2.1	Anodized to any colour	sqm	Tk. 8,924.00	Tk. 8,914.00	Tk. 8,845.00	Tk. 8,845.00
14.12.2.2	Powder coated to any colour	sqm	Tk. 10,203.00	Tk. 10,193.00	Tk. 10,124.00	Tk. 10,124.00
14.13	Supplying fitting and fixing of aluminium fixed fan light as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick fixed bottom (size 76.2 mm, 38.10 mm, 0.640 kg/m), minimum 1.2 mm thick (17.40 mm, 31.78 mm bottom cover 0.250 kg/m) and minimum 1.2 mm thick groove cover (size 57.15mm, 15.80 mm, 0.362 kg/m) and minimum 1.2 mm thick top and side section (76.20 mm, 16 mm, 38.10 mm, 0.769 kg/m) fixed with above mentioned frames and all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories, neoprene, sealant, nut and bolt etc. complete in all respect as per drawing and accepted by the Engineer-in-charge.	OK				
14.13.1	Anodized to any colour	sqm	Tk. 5,913.00	Tk. 5,887.00	Tk. 5,751.00	Tk. 5,751.00
14.13.2	Powder coated to any colour	sqm	Tk. 6,377.00	Tk. 6,350.00	Tk. 6,215.00	Tk. 6,215.00
14.14	Supplying fitting and fixing of aluminium fixed louver as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick wall frame (size 76.20 mm, 38.10 mm, 0.564 kg/m), 1.5 mm thick louver (size 55.02 mm, 37.39 mm, 0.281 kg/m) and minimum 1.2 mm thick louver outer section (size 39.67 mm, 15.06 mm) and inner inclined aluminium louver section fixed with above mentioned frame and all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones in thickness and density of 4 mg per square cm etc. including all accessories, neoprene, sealant, nuts and bolts etc. complete in all respect	OK				
14.14.1	Anodized to any colour	sqm	Tk. 10,881.00	Tk. 10,845.00	Tk. 10,680.00	Tk. 10,680.00
14.14.2	Powder coated to any colour	sqm	Tk. 12,300.00	Tk. 12,265.00	Tk. 12,100.00	Tk. 12,100.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
14.15	Supplying, fitting, fixing of aluminium sliding fly proof Netting shutter as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 2.0 mm thick outer frame (size 38mm x 38mm), minimum 1.2 mm thick mosquito net shutter frame mesh section (42.2 mm x13.2mm). All aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like wheel, sealant, rubber, bolts and nuts keeping provision for fitting fiber mesh including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity, all complete in all respect as per drawing and accepted by the Engineer-in-charge.	OK				
14.15.1	Anodized to any colour	sqm	Tk. 3,798.00	Tk. 3,796.00	Tk. 3,782.00	Tk. 3,782.00
14.15.2	Powder coated to any colour	sqm	Tk. 4,372.00	Tk. 4,370.00	Tk. 4,356.00	Tk. 4,356.00
14.16	Supplying, fitting and fixing in Aluminium door frames, windows, partitions and curtain wall distortion free glass of approved quality and shade including cost of fitting fixing all necessary accessories etc. complete in all respect as per drawing and accepted by the Engineer-in-charge.					
14.16.1.1.1	5 mm thick tinted glass	sqm	Tk. 1,492.00	Tk. 1,489.00	Tk. 1,473.00	Tk. 1,473.00
14.16.1.1.2	5 mm thick tinted tempered glass	sqm	Tk. 2,394.00	Tk. 2,390.00	Tk. 2,374.00	Tk. 2,374.00
14.16.1.2.1	5 mm thick clear glass	sqm	Tk. 1,229.00	Tk. 1,225.00	Tk. 1,209.00	Tk. 1,209.00
14.16.1.2.2	5 mm thick clear tempered glass	sqm	Tk. 2,491.00	Tk. 2,487.00	Tk. 2,471.00	Tk. 2,471.00
14.16.1.3	5 mm thick ambushed glass	sqm	Tk. 1,215.00	Tk. 1,211.00	Tk. 1,195.00	Tk. 1,195.00
14.16.1.4.1	5 mm thick reflective glass	sqm	Tk. 1,659.00	Tk. 1,655.00	Tk. 1,639.00	Tk. 1,639.00
14.16.1.4.2	5 mm reflective tempered glass	sqm	Tk. 2,879.00	Tk. 2,875.00	Tk. 2,859.00	Tk. 2,859.00
14.16.2.1.1	6 mm thick clear glass	sqm	Tk. 1,492.00	Tk. 1,489.00	Tk. 1,473.00	Tk. 1,473.00
14.16.2.1.2	6 mm thick clear tempered glass	sqm	Tk. 2,879.00	Tk. 2,875.00	Tk. 2,859.00	Tk. 2,859.00
14.16.2.2	6 mm thick ambushed glass	sqm	Tk. 2,602.00	Tk. 2,598.00	Tk. 2,582.00	Tk. 2,582.00
14.16.2.3.1	6 mm thick reflecting glass	sqm	Tk. 1,839.00	Tk. 1,835.00	Tk. 1,819.00	Tk. 1,819.00
14.16.2.3.2	6 mm thick reflecting tempered glass	sqm	Tk. 2,838.00	Tk. 2,834.00	Tk. 2,818.00	Tk. 2,818.00
14.16.3.1	8 mm thick clear glass	sqm	Tk. 2,120.00	Tk. 2,115.00	Tk. 2,093.00	Tk. 2,093.00
14.16.3.2	8 mm thick clear tempered glass	sqm	Tk. 3,853.00	Tk. 3,848.00	Tk. 3,827.00	Tk. 3,827.00
14.16.4.1	10 mm thick clear glass	sqm	Tk. 2,359.00	Tk. 2,352.00	Tk. 2,326.00	Tk. 2,326.00
14.16.4.2	10 mm thick clear tempered glass	sqm	Tk. 4,273.00	Tk. 4,266.00	Tk. 4,240.00	Tk. 4,240.00
14.16.5.1	12 mm thick clear glass	sqm	Tk. 3,094.00	Tk. 3,087.00	Tk. 3,061.00	Tk. 3,061.00
14.16.5.2	12 mm thick clear tempered glass	sqm	Tk. 5,937.00	Tk. 5,930.00	Tk. 5,904.00	Tk. 5,904.00
14.16.6.1	13.52mm (6mm tempered glass+1.52mm PVB lamination+6mm tempered glass) foreign made tempered lamination glass	sqm	Tk. 9,080.00	Tk. 9,071.00	Tk. 9,034.00	Tk. 9,034.00
14.16.6.2	13.52 mm(6mm low-E glass+1.52mm PVB lamination+6mm glass) foreign made tempered lamination glass	sqm	Tk. 11,369.00	Tk. 11,359.00	Tk. 11,322.00	Tk. 11,322.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
14.16.7.1	17.52 mm (8mm tempered glass+1.52mm PVB lamination+8mm tempered glass) foreign made tempered double glazing glass	sqm	Tk. 11,065.00	Tk. 11,052.00	Tk. 11,002.00	Tk. 11,002.00
14.16.7.2	17.52 mm(8mm tempered Low-E glass+1.52mm PVB lamination+8mm clear tempered glass) foreign made tempered double glazing glass	sqm	Tk. 12,452.00	Tk. 12,439.00	Tk. 12,389.00	Tk. 12,389.00
14.16.8.1	24mm (6mm tempered glass+12mm argon gas filled gap+6mm tempered glass) foreign made tempered double glazing glass	sqm	Tk. 7,977.00	Tk. 7,964.00	Tk. 7,911.00	Tk. 7,911.00
14.16.8.2	24 mm(6mm clear tempered Low-E glass+12mm argon gas filled gap+6mm clear tempered glass) foreign made tempered double glazing glass	sqm	Tk. 9,226.00	Tk. 9,212.00	Tk. 9,160.00	Tk. 9,160.00
14.17	Supplying, fabrication and Installation of approved colour 4 mm thick Fire Rated Aluminium Composite Panel (Alucobond/Alcopanel/Alpolic or equivalent) of 0.5 mm thick aluminum skin cover both side with 3 coat PVDF on the front face panel sheet and non-combustible mineral filled core/ aluminum hydroxide filled (fr) core, skin cover sheet in Peralumam -100, ENAW -5005 (AlMg1) on the both side(Total weight.7.60kg/sqm), as per US Architectural Aluminium Manufacturer's Association (AAMA) in column, beam and wall surface providing with 44 mm x 44 mm x 1.5 mm aluminum section including supply of necessary hardwares, consumables, scaffolding etc fitted with necessary accessories like rivet, screw, rowel bolt etc. all complete in all respect as per drawing and direction of the Engineer-in-charge	sqm	Tk. 13,051.00	Tk. 13,048.00	Tk. 12,994.00	Tk. 12,994.00
14.18	Supplying, fitting and fixing of aluminium curtain wall with aluminium top hung/casement windows as per the US Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 134mm , 70mm, 3.5mm curtain wall sub-mullim outer and inner frame,3.0 mm thick casement shutter (size 58.40 mm, 37.20 mm,57.40 mm) 1.2 mm thick shutter glass strips, all aluminium member will be powder coated with coat not less than 1.5 micron in thickness including all accessories 4 bar hinge casement handle, 50 mm x 50 mm x 6 mm aluminium angle, steel rowel bolt, screws , rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 13,410.00	Tk. 13,404.00	Tk. 13,320.00	Tk. 13,320.00
14.19	Supplying, fitting and fixing of aluminium curtain wall with aluminium top hung/casement windows as per the US Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 100 mm , 50mm, 2mm curtain wall sub-mullim outer and inner frame, 3.0 mm thick casement shutter (size 58.40 mm, 37.20 mm,57.40 mm), 1.2 mm thick shutter glass strips, all aluminium member will be powder coated with coat not less than 1.5 micron in thickness including all accessories 4 bar hinge casement handle, 50 mm x 50 mm x 6 mm aluminium angle, steel rowel bolt, screws , rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 10,815.00	Tk. 10,803.00	Tk. 10,696.00	Tk. 10,696.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
14.20	Supplying, fitting and fixing of aluminium curtain wall and aluminium top hung/casement windows as per the US Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 50 mm , 50 mm, 2 mm curtain wall sub-mullim outer and inner frame,3.0 mm thick casement shutter (size 58.40 mm, 37.20 mm,57.40 mm) ,1.2 mm thick shutter glass strips, all aluminium member will be powder coated with coat not less than 1.5 micron in thickness including all accessories 4 bar hinge casement handle, 50 mm x 50 mm x 6 mm aluminium angle, steel rowel bolt, screws , rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 9,378.00	Tk. 9,366.00	Tk. 9,259.00	Tk. 9,259.00
14.21	Supplying, fitting and fixing of aluminium curtain wall along with 10 mm thick clear tempered glass as per the US Architectural aluminium Manufacturer's Association (AAMA) Standard Specification and BDS 1879:2014 having 115 mm , 64 mm, 3 mm curtain wall sub-mullim outer and inner frame, 3.0 mm thick casement shutter (size 58.40 mm, 37.20 mm,57.40 mm) ,1.2 mm thick shutter glass strips, all aluminium member will be powder coated with coat not less than 1.5 micron in thickness including all accessories 4 bar hinge casement handle, 50 m x 50mm x 6m aluminium angle, steel rowel bolt, screws , rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 11,770.00	Tk. 11,764.00	Tk. 11,694.00	Tk. 11,694.00
14.22	Supplying, fitting and fixing of 12 mm thick clear tempered glass wall upto 3.0 m height with vertical fin glass support of same thickness and support shall be at least 1.2 m c/c fixed properly with glass by silicon glue with supply and fittings of all required accessories such as SS u channel, nut bolts, aluminium angle, steel rowel bolt, screws , rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 21,510.00	Tk. 21,500.00	Tk. 21,414.00	Tk. 21,414.00
14.23	Supplying, fitting and fixing of 12 mm thick tempered glass wall from 3.0 m to 6.0 m height with spider point fixing joint and vertical fin glass support of same thickness, support shall be at least 1.2 m c/c fixed properly with main glass by silicon glue with supply and fittings of all required accessories such as SS u channel, nut bolts, aluminium angle, steel rowel bolt, screws , rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 22,108.00	Tk. 22,103.00	Tk. 22,042.00	Tk. 22,042.00
14.24	Supplying, fitting and fixing of 12 mm thick clear tempered glass wall from 6.0 m to 8.2 m height with spider point fixing joint and vertical/ horizontal fin glass support of double thickness, support shall be at least 2 m c/c fixed properly with main glass by silicon glue with supply and fittings of all required accessories such as SS u channel, nut bolts, aluminium angle, steel rowel bolt, screws , rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 22,488.00	Tk. 22,485.00	Tk. 22,428.00	Tk. 22,428.00

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Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
14.25	Supplying fitting and fixing of aluminium box fixed louver as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification having 50mm x 25 mm, 1.5 mm thick outer section and horizontally @ 75 mm c/c fixed with above mentined frame and all aluminium members will be anodized to aluminium with a coat not less than 15 micron in thickness and density of 4 mg per square cm etc. including all accessories, neoprene, sealant, nuts and bolts etc. complete in all respect as per drawing and accepted by the Engineer.	OK				
14.25.1	Anodized to any colour	sqm	Tk. 8,761.00	Tk. 8,756.00	Tk. 8,726.00	Tk. 8,726.00
14.25.2	Powder coated to any colour	sqm	Tk. 9,870.00	Tk. 9,865.00	Tk. 9,836.00	Tk. 9,836.00
14.26	Supplying fitting and fixing of aluminium ventilation louver as per the U.S Architectural Aluminium Manufacturer's Association (AAMA) standard specification having 38 mmx 38mm, 2 mm thick outer frame, 39.67 mm x15.06 mm louver outer of minimum 1.2 mm thick and horizontal louver 55.02 mm x 37.39 mm of 1.50 mm thick @ 25 mm c/c fixed with above mentioned frame and aluminium members will be Powder coated colour etc. including all accessories, neoprene, sealant, nuts and bolts etc. complete in all respect as per drawing and accepted by the Engineer.	OK				
14.26.1	Anodized to any colour	sqm	Tk. 15,659.00	Tk. 15,644.00	Tk. 15,547.00	Tk. 15,547.00
14.26.2	Powder coated to any colour	sqm	Tk. 17,585.00	Tk. 17,571.00	Tk. 17,473.00	Tk. 17,473.00
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