CHAPTER 22: MISCELLANEOUS ITEMS

Item No.	Description of Item	Unit	100000000000000000000000000000000000000	Rate (Dhaka, mensingh)	100000	Jnit Rate hattogram, Sylhet)	(Khu	Init Rate Ina, Barisal, opalgonj)	(R	nit Rate ajshahi, angpur)
22.1	Supplying, fitting and fixing of wooden wedge (12 mm base x 12 mm height) instead of putty for fixing glass panes with wooden frame by nails or by any other approved method including the cost of necessary wood (Garjan/ Jam/ Local sal), nails etc. all complete and accepted by the Engineer-incharge. (Rate is excluding the cost of wooden frame, painting and 5 mm thick glass panes)	meter	Tk.	79.00	Tk.	78.00	Tk.	75.00	Tk.	75.00
22.2	Supplying, fitting and fixing of best quality of different dia foreign made aluminium pipe curtain rail for door and window including cutting and fitting-fixing as per required measurement and supplying necessary screws, SS clamp, electric drill and rowel plug including charge of electricity etc. all complete and accepted by the Engineer-in-charge.									
22.2.1	20 mm dia Aluminium pipe curtain rail	meter	Tk.	614.00	Tk.	717.00	Tk.	709.00	Tk.	709.00
22.2.2	25 mm dia Aluminium pipe curtain rail	meter	Tk.	792.00	Tk.	791.00	Tk.	788.00	Tk.	788.00
22.3	Supplying, fitting and fixing different dia best quality Stainless steel (SS) pipe as curtain rail for door and windows including cutting and fitting fixing as per required measurement and supplying heavy type SS Clamps & 2 nos SS End Caps, necessary screws, electric drill and rowel plug including charge of electricity etc. all complete and accepted by the Engineer-in-charge.									
22.3.1	20 mm dia Stainless steel (SS) pipe with wall thickness 1.00 mm.	meter	Tk.	563.00	Tk.	563.00	Tk.	559.00	Tk.	559.00
22.3.2	25 mm dia Stainless steel (SS) pipe with wall thickness 1.20 mm .	meter	Tk.	690.00	Tk.	689.00	Tk.	686.00	Tk.	686.00
22.3.3	32 mm dia Stainless steel (SS) pipe with wall thickness 1.20 mm .	meter	Tk.	859.00	Tk.	859.00	Tk.	855.00	Tk.	855.00
22.4	Supplying, fitting and fixing special quality 10 mm thick clear tempered glass door including all accessories, 1 set floor mounted auto door closure, 2 nos. clamping devices, 1 set locking device, top hinge and handle etc. complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk.	15,816.00	Tk.	15,813.00	Tk.	15,786.00	Tk.	15,786.00
22.5	Supplying, fitting and fixing best quality of different thick clear glass partition with 44 mm, 44 mm, 1.5 mm aluminium box, protector bit (single), protector bit (double), Silicon including all accessories etc. all complete and as per drawing and direction of the Engineer-in-charge.									
22.5.1	8 mm thick clear glass partition with aluminium box	sqm	Tk.	2,999.00	Tk.	2,988.00	Tk.	2,942.00	Tk.	2,942.00
22.5.2	10 mm thick clear glass partition with aluminium box	sqm	Tk.	3,162.00	Tk.	3,151.00	Tk.	3,106.00	Tk.	3,106.00
22.6	Supplying, fitting and fixing of Chattogram Teak wood strip (62 mm x 25 mm x 20 mm) for fixing of aluminium curtain rails as per design and drawing, fitting and fixing coat of priming etc. all complete and accepted by the Engineer-in-charge.(Rate is excluding the cost of polishing etc.)	meter	Tk.	915.00	Tk.	900.00	Tk.	879.00	Tk.	879.00
22.7	Supplying, fitting and fixing vertical venetian blinds made with glass fiber fabrics (foreign made) with supply of all the best quality materials (foreign made) such as head rail (aluminium), end cap-set, rod tilt, sigger (stopper), runner, spacer (link), handling cord, ball chain, link chain, cord-weight weight-plate plastic washer, glass fiber fabrics, and head cap-set etc. all complete and accepted by the Engineer-in-	sqm	Tk.	2,029.00	Tk.	2,029.00	Tk.	2,029.00	Tk.	2,029.00

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Item No.	Description of Item	Unit		ate (Dhaka, ensingh)	(Ch	nit Rate attogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	(Unit Rate Rajshahi, Rangpur)
22.8	Supplying, fitting and fixing horizontal venetian blinds of 25 mm width made with aluminium foils/ strips (foreign made) with supply of all materials (foreign made) such as head rail, bottom rail, rod tilt, head cap, bottom cap, gear box, stick, support and cap, cord drum and support, bracket, cord lock, cord equalizer, top holder, ladder, cord, handling cord and aluminium foils etc. all complete and accepted by the Engineer-in-charge.	sqm	Tk.	1,567.00	Tk.	1,568.00	Tk. 1,567.00	Tk.	1,567.00
22.9	Supplying, fitting and fixing of horizontal zebra blind made with polyester fabrics, synthetic net with 3 inch vinyl/upvc coated strips (foreign made) with supply of all materials (foreign made) such as head rail, bottom rail, rod tilt, head cap, bottom cap, gear box, stick, support and cap, cord drum and support, bracket, cord lock, cord equalizer, top holder, ladder, cord, handling cord and aluminium foils etc. all complete and accepted by the Engineer-in-charge.	sqm	Tk.	3,455.00	Tk.	3,456.00	Tk. 3,455.00	Tk.	3,455.00
22.10	Supplying, fitting and fixing of blackout/ translucent roller blind of PVC/ vinyl laminated fiberglass fabrics (foreign made) with supply of all materials (foreign made) such as head rail (aluminium), end capset, rod tilt, sigger (stopper), runner, spacer (link), handling cord, ball chain, link chain, cord-weight weight-plate plastic washer, glass fiber fabrics, and head cap-set etc. all complete and accepted by the Engineer-in-charge.	sqm	Tk.	2,844.00	Tk.	2,807.00	Tk. 2,807.00	Tk.	2,807.00
22.11	Supplying, fitting and fixing of steel iron rack made of 50 mm x 50 mm x 6.35 mm vertical and horizontal angle post, welding 63.5 mm x 6.35 mm F.I. bar placed horizontally as bracing for the posts, 38 mm x 6.35 mm cross F.I. bars welded with vertical post, 7.81 mm thick M.S plate welded as cup shape at the bottom of post, supplying and fitting rivets, charge for welding, drilling, carrying, cutting, straightening in required sizes etc complete in all respect as per drawing, design and accepted by the Engineer-incharge.	sqm	Tk.	11,247.00	Tk.	11,072.00	Tk. 10,809.00	Tk.	10,809.00
22.12	Supplying, fitting and fixing of the best quality any sizes uPVC plastic door shutter with frame having specific gravity of 1.35 - 1.45, panel wall thickness 1.7 mm-2.2 mm, shutter/panel thickness 37.5 mm & weighing 17.25 kg/m2 and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards and ASTM, BS/ISO/IS standards of different sizes uPVC plastic door shutter with uPVC plastic frame (frame size:150mm x 62.50mm) fitting - fixing in brick wall/ R.C.C wall with at least 3 Nos. SS hinges by min 64 Nos. Ø 3.17 mm and 3.97 mm 12.7 mm long rivets, 12 nos. 25.4 mm SS screws, Ø 9.38 mm, 150 mm long SS tower bolts 2 nos., 146 mm SS handle by rivet 6 Nos., G.I inner joint, 234.95 mm x 127 mm clamp, 76.2 mm x 57.15 mm, 6 Nos. GI clamp, 2 nos. outer GI joint clamp making necessary grooves and mending good the damages, finishing, curing, carrying the same to the site and local carriage etc. complete in all respect and accepted by the Engineer-in-charge	sqm	Tk.	3,774.00	Tk.	3,774.00	Tk. 3,774.00	Tk.	3,774.00

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PWD SoR 2022 for Civil Works 15-06-22

Item No.	Description of Item	Unit		Rate (Dhaka, mensingh)		Unit Rate Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	(Unit Rate Rajshahi, Rangpur)
22.13	Supplying, fitting and fixing of the best quality any size uPVC plastic door shutter with frame having specific gravity of 1.35 - 1.45, panel wall thickness 2.4 mm-2.76 mm, shutter/panel thickness 37.5 mm & weighing 27.00 kg/m2 and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards and cosmic /Foam /aristocrat or equivalent standards of different sizes uPVC plastic door shutter with uPVC plastic frame (frame size:150mm x 62.50mm) fitting - fixing in brick wall/ R.C.C wall with at least 3 Nos. SS hinges by min 64 Nos. Ø 3.17 mm and 3.97 mm 12.7 mm long rivets, 24 nos. 25.4 mm SS screws, Ø 9.38 mm, 150 mm long SS tower bolts 2 nos., 146 mm SS handle by rivet ,6 Nos. GI clamp, 6 Nos. G.I inner joint, 234.95 mm x 127 mm clamp, 76.2 mm x 57.15 mm, including making necessary grooves and mending good the damages, finishing, curing, local carriage etc . complete in all respect and accepted by the Engineer-in-charge.	sqm	Tk.	6,867.00	Tk.	6,852.00	Tk. 6,791.00	Tk.	6,791.00
22.14	Supplying, fitting & fixing of uPVC plastic or glass partition in plastic frame fabricated by 70 mm x 50 mm x 2 mm T and 50 mm x 40 mm x 2 mm / 50 mm x 30 mm x 2 mm L-sections, providing partition with 156 mm x 25 mm uPVC hollow section having wall thickness of 2.5 mm / partition with 5 mm thick glass. physical, chemical, thermal, fire resistivity properties etc of the materials as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards, fitted and fixed in brick wall or R.C.C wall with 6 nos. GI clamps, 4 nos. inner joint GI clamps, 2 nos. outer GI joint clamps, 16 nos. rivets, making necessary grooves and mending good the damages, finishing, curing, carriage etc complete in all respect and accepted by the Engineer-in-charge.								
22.14.1	With partition of uPVC hollow section	sqm	Tk.	2,793.00	Tk.	2,786.00	Tk. 2,742.00	Tk.	2,742.00
22.14.2	With 5 mm glass	sqm	Tk.	2,664.00	Tk.	2,660.00	Tk. 2,630.00	Tk.	2,630.00
22.15	Supplying, fitting & fixing of uPVC Profile for door, window and fixed partition frames applications having specific gravity of 1.36-1.43, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards including all accessories, fittings with 6 nos. steel clamps complete in all respect as per drawing and accepted by the Engineer-incharge.	meter	Tk.	618.00	Tk.	633.00	Tk. 617.00	Tk.	617.00
22.16	Supplying, fitting & fixing of swing door shutter made of low density free foam (LDFF) sheet having standard size 1200 mm x 3200 mm. Physical properties: density: 0.55-0.68 g/cm3, weighing 1.3 kg/sft, providing new sash (100 mm), sliding glass bead, rubber, screws, 75 mm hinges 4 Nos., 100 mm tower bolt 2 Nos., 150 mm handle 2 nos. etc. including all accessories complete in all respect as per drawing and accepted by the Engineer-in-charge.								
22.16.1	1950 mm x 750 mm size 8 mm thick uPVC swing door shutter	each	Tk.	11,098.00	Tk.	11,261.00	Tk. 11,034.00	Tk.	11,034.00
22.16.2	2100 mm x 750 mm size 8 mm thick uPVC swing door shutter	each	Tk.	11,409.00	Tk.		Tk. 11,357.00	_	11,357.00
22.16.3	2100 mm x 900 mm size 8 mm thick uPVC swing door shutter	each	Tk.	12,103.00	Tk.	12,288.00	Tk. 12,033.00	Tk.	12,033.00

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PWD SoR 2022 for Civil Works 15-06-22

Item No.	Description of Item	Unit		Rate (Dhaka, mensingh)	(Ch	Init Rate nattogram, Sylhet)	(Khul	nit Rate na, Barisal, ppalgonj)	(F	nit Rate tajshahi, tangpur)
22.17	Supplying, fitting & fixing of plastic wall paneling with 3 mm sheet, weighing 0.188 kg/sft, fitting and mending good the damages, carriage to the site including glass bead, partition frame, rubber, 5 mm clear glass fitted and fixed with screws, steel clamp etc all complete and accepted by the Engineer-in-charge.	sqm	Tk.	1,359.00	Tk.	1,353.00	Tk.	1,309.00	Tk.	1,309.00
22.18	Supplying, fitting & fixing of uPVC profile fixed partition with 5 mm clear glass, weighing 1.032 kg/sft, fitting and mending good the damages, carriage etc. complete in all respect and accepted by the Engineer-in-charge.	sqm	Tk.	3,752.00	Tk.	3,792.00	Tk.	3,715.00	Tk.	3,715.00
22.19	Supplying, fitting & fixing of uPVC profile sliding window having gross weight of 14.00 kg/sqm (including 5 mm glass) fitting and mending good the damages, carries etc complete in all respect accepted by the Engineer-in-charge.									
22.19.1	uPVC sliding window with 5 mm glass (1200 mm x 1200 mm size)	sqm	Tk.	5,681.00	Tk.	5,705.00	Tk.	5,601.00	Tk.	5,601.00
22.19.2	uPVC sliding window without glass (1200 mm x 1200 mm size)	sqm	Tk.	4,802.00	Tk.	4,826.00	_	4,722.00		4,722.00
22.20	Supplying, fitting & fixing of plastic wood paneling in false ceiling with 6 mm sheet, weighing 3.85 kg/sqm, fitting and mending good the damages, carries etc complete in all respect and accepted by the Engineer-in-charge	sqm	Tk.	1,451.00	_	1,445.00		1,398.00	_	1,398.00
22.21	Supplying, fitting and fixing of approved quality 190 mm x 190 mm size glass bricks in round stair wall including all accessories & charges, complete in all respect and accepted by the Engineer-in-charge.	sqm	Tk.	16,383.00	Tk.	16,381.00	Tk.	16,243.00	Tk.	16,243.00
22.22	Supplying, fitting & fixing 50 mm thick rock or glass wool padding of approved quality and accepted by the Engineer-in-charge.	sqm	Tk.	4,352.00	Tk.	4,328.00	Tk.	4,292.00	Tk.	4,292.00
22.23	Manufacturing supplying, fitting and fixing of single leaf louver door shutter made with 16 gauge thick 50 mm x 50 mm SS hollow box as outer frame, 16 gauge thick 50 mm x 38 mm SS hollow box as pannel frame and 18 gauge thick 50 mm x 12 mm SS hollow box as louver with 150 mm long 12 mm dia SS handle, 300 mm long 20 mm dia ss hasp bolt, 100 mm hings etc, comple in all respect and accepted by the Engineering-in charge.	sqm	Tk.	24,635.00	Tk.	24,619.00	Tk.	24,469.00	Tk.	24,469.00
22.24.1	Supplying, laying, fitting & fixing best quality 225 mm dia (internal) machine made R.C.C. pipe over 100 mm thick cement concrete (1:3:6) at base and sides including single brick flat soling and gasket with cement mortar (1:4) joints, cutting and filling trenches up to required depth including excavation of soil etc. all complete in all respect as per type plan and accepted by the Engineer-in-charge (average depth of trench is 1050 mm). (Cement: CEM-II/B-M)	meter	Tk.	1,425.00	Tk.	1,423.00	Tk.	1,410.00	Tk.	1,408.00
22.24.2	Supplying, laying, fitting & fixing best quality 300 mm dia (internal) machine made R.C.C. pipe over 100 mm thick cement concrete (1:3:6) at base and sides including single brick flat soling and gasket with cement mortar (1:4) joints, cutting and filling trenches up to required depth including excavation of soil etc. all complete in all respect as per type plan and accepted by the Engineer-in-charge (average depth of trench is 1050 mm).(Cement: CEM-II/B-M)	meter	Tk.	2,277.00	Tk.	2,274.00	Tk.	2,258.00	Tk.	2,257.00

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Item No.	Description of Item	Unit		ate (Dhaka, nensingh)	0.000	Unit Rate hattogram, Sylhet)	(Khu	Jnit Rate Ilna, Barisal, Jopalgonj)	(R	nit Rate tajshahi, tangpur)
22.24.3	Supplying, laying, fitting and fixing best quality 900 mm dia (internal) machine made R.C.C. pipe with socket over 100 mm thick cement concrete (1:3:6) at base and sides including single layer brick flat soling, cutting and filling trenches up to required depth including excavation of soil etc. complete in all respect as per type plan and accepted by the Engineer-in-charge (Cement: CEM-II/B-M). [Rate is excluding cost of excavation, back-fill, materials for back-fill and bedding]	meter	Tk.	11,961.00	Tk.	11,944.00	Tk.	11,853.00	Tk.	11,852.00
22.25	Supplying, making, fitting & fixing of R.C.C. door/window frame of 155 mm x 65 mm which is made by using M.S. rod (fy = 400 MPa) fabrication work with 24 BWG G.l. wire, steel formworks with minimum cement concrete relates mix ratio (1:2:4) having minimum fcr = 27 MPa & satisfying a specified compressive strength, fc= 22 MPa at 28 days and cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5MPa)/ ASTM-C 150 type–1, best quality 50% quantity of local sand (F.M. 1.2) and 50% quantity of coarse sand (F.M. 2.2), 6 mm down well graded stone chips, screening, making, placing in position, making shutter/formworks water-tight properly, jute hassian, polythene sheet, placing of 100 mm long welded iron hinges with 6 mm dia M.S. rod clamp in position and mixing with mixer machine, casting in forms, compacting properly and curing at least for 21 days, removing shuttering and demoulding etc. all complete including the cost of water, electricity and other charges as per design, drawing and accepted by the Engineer-in-char GI wires, remove the shuttering, lifting the panel to floor	meter	Tk.	504.00	Tk.	501.00	Tk.	485.00	Tk.	485.00
22.26	Supply & installation of fire rated door complete & accepted by the Engineer-in-charge with the following specification:	sqm	Tk.	49,059.00	Tk.	49,059.00	Tk.	49,059.00	Tk.	49,059.00
	Standard(s) for safety : UL Certified, NFPA 80 standard		_				\vdash			
	ANSI / UL 10C: Positive pressure of fire tests of door assemblies.									
	ANSI / UL 10B: Fire tests of door assemblies.									
	UL Subject 63: Outline of investigation for fire frames.									
	Shutter materials: Mild steel.									
	Fire resistivity (Door & frame): Two hours.									
	Fire resistivity (accessories): Three hours (panic bar, pul handle, ceramic fibre tape for sealing smoke, hinge, bolt and screw, mortice lock, door closer									
	Door frame: 2 vertical fire resisting jamb and 1 fire resisting horizontal jamb made with single rabbet hollow steel chanel frame made of 2.3 mm imported cold rolled mild steel sheet. Four SS hinges (size: 112 mm x 100 mm x 3.4mm) are used on each leaf screwd with frame									
	Door leaf: Door leaf faces consists of 1.6 mm thick imported cold rolled MS sheet attached together									
	using interlocking mechanism and tack welding which is filled with imported 100kg/m³ rock wool cake. Stiffeners should be used inside to strengthen structure.									
	Vision Panel: Made of UL certified 5 mm glass. It has clear vision area of 150 mm x 100 mm. Its frame is mae of 1.6 mm imported cold rolled MS sheet and SS pop rivet used for fixing. Ceramic fibre tape is used for sealing smoke.									
	Internal insulation: Rock wool.									
	Surface treatment: All MS sheets are chemically treated coated with zinc phosphate before assembly in highly equipped chemical treatment plant. All chemicals are imported.	7								

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Description of Item		Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
Paint Finish: Epoxy powder coated paint finish and curing in temperature controlled gas oven.					
Supplying, fitting and fixing special quality 10 mm thick clear tempered glass digital Honour board including all accessories, heavy type 6 nos. SS clamping devices/SS knob, digital print name plate including making hole etc. complete in all respect as per drawing and direction of the Engineer-in-charge.	sqm	Tk. 10,956.00	Tk. 10,934.00	Tk. 10,845.00	Tk. 10,845.00
	Supplying, fitting and fixing special quality 10 mm thick clear tempered glass digital Honour board including all accessories, heavy type 6 nos. SS clamping devices/SS knob, digital print name plate including making hole etc. complete in all respect as per drawing and direction of the Engineer-in-charge.	Paint Finish: Epoxy powder coated paint finish and curing in temperature controlled gas oven. Supplying, fitting and fixing special quality 10 mm thick clear tempered glass digital Honour board including all accessories, heavy type 6 nos. SS clamping devices/SS knob, digital print name plate including making hole etc. complete in all respect as per drawing and direction of the Engineer-in-charge.	Paint Finish: Epoxy powder coated paint finish and curing in temperature controlled gas oven. Supplying, fitting and fixing special quality 10 mm thick clear tempered glass digital Honour board including all accessories, heavy type 6 nos. SS clamping devices/SS knob, digital print name plate Mymensingh) Tk. 10,956.00	Description of Item Unit Unit Rate (Dhaka, Mymensingh) Paint Finish: Epoxy powder coated paint finish and curing in temperature controlled gas oven. Supplying, fitting and fixing special quality 10 mm thick clear tempered glass digital Honour board including all accessories, heavy type 6 nos. SS clamping devices/SS knob, digital print name plate including making hole etc. complete in all respect as per drawing and direction of the Engineer-in-charge. Tk. 10,956.00 Tk. 10,956.00 Tk. 10,934.00	Description of Item Unit Unit Unit Unit Unit Unit Unit Uni