

**CHAPTER 19 : COLLAPSIBLE GATE, M.S. GATE, ROLLING SHUTTER ETC.**

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
19.1.1	Manufacturing, supplying, fitting and fixing <b>S.S. collapsible gate of any design and shape made of 25 mm x 25 mm x 3 mm S.S. angle</b> placed @ 112 mm c/c vertically and connecting the same with each other by 25 mm x 3 mm S.S flat bar scissors 525 mm, 600 mm long provided in 3 rows including cutting the different S.S. members to required sizes, fabricating, welding, riveting with required size rivets, providing required size wheels, pulling handles on both sides, suitable locking arrangement, electrodes, grease and finally placing the same in position in between 2 (two) nos. 50 mm x 50 mm x 6 mm S.S. tee rail made by welding 2 nos. 50 mm x 6 mm S.S. flat bar fitted and fixed at top and bottom with R.C.C. lintel/ roof slab, floors and side wall with required nos. 150 mm to 225 mm long 38 mm x 6 mm S.S. flat bar clamps one end welded with the gate member and the other end bifurcated and embedded in C.C. at the respective point including cutting holes and mending good the damages by pouring concrete (1:2:4) into thcepted by the Engineer-in-charge. (Exposed area excluding hand rail of railing will be considered for measurement, rate is excluding the cost of wood for hand-rail, wooden					
19.1.1.1	for S.S. Grade A304	sqm	Tk. 19,345.00	Tk. 19,327.00	Tk. 19,203.00	Tk. 19,203.00
19.1.1.2	for S.S. Grade A201	sqm	Tk. 15,417.00	Tk. 15,399.00	Tk. 15,275.00	Tk. 15,275.00
19.1.2	Manufacturing, supplying, fitting and fixing <b>S.S. collapsible gate of any design and shape made of 20 mm x 20 mm x 3 mm S.S. angle</b> placed @ 112 mm c/c vertically and connecting the same with each other by 20 mm x 3 mm S.S flat bar scissors 525 mm, 600 mm long provided in 3 rows including cutting the different S.S. members to required sizes, fabricating, welding, riveting with required size rivets, providing required size wheels, pulling handles on both sides, suitable locking arrangement, electrodes, grease and finally placing the same in position in between 2 (two) nos. 50 mm x 50 mm x 6 mm S.S. tee rail made by welding 2 nos. 50 mm x 6 mm S.S. flat bar fitted and fixed at top and bottom with R.C.C. lintel/ roof slab, floors and side wall with required Nos. 150 mm to 225 mm long 38 mm x 6 mm S.S. flat bar clamps one end welded with the gate member and the other end bifurcated and embedded in C.C. at the respective point including cutting holes and mending good the damages by pouring concrete (1:2:4) into thcepted by the Engineer-in-charge. (Exposed area excluding hand rail of railing will be considered for measurement, rate is excluding the cost of wood for hand-rail, woode					
19.1.2.1	for S.S. Grade A304	sqm	Tk. 16,145.00	Tk. 16,128.00	Tk. 16,003.00	Tk. 16,003.00
19.1.2.2	for S.S. Grade A201	sqm	Tk. 12,702.00	Tk. 12,684.00	Tk. 12,560.00	Tk. 12,560.00

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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)
19.1.3	<p>Manufacturing, supplying, fitting and fixing <b>M.S. collapsible gate of any design and shape made of 25 mm x 25 mm x 3 mm M.S. angle</b> placed @ 112 mm c/c vertically and connecting the same with each other by 25 mm x 3 mm M.S flat bar scissors 525 mm, 600 mm long provided in 3 rows including cutting the different M.S. members to required sizes, fabricating, welding, riveting with required size rivets, providing required size wheels, pulling handles on both sides, suitable locking arrangement, electrodes, grease and finally placing the same in position in between 2 (two) Nos. 50 mm x 50 mm x 6 mm M.S. tee rail made by welding 2 nos. 50 mm x 6 mm M.S. flat bar fitted and fixed at top and bottom with R.C.C. lintel/ roof slab, floors and side wall with required nos. 150 mm to 225 mm long 38 mm x 6 mm M.S. flat bar clamps one end welded with the gate member and the other end bifurcated and embedded in C.C. at the respective point including cutting holes and mending good the damages by pouring concrete (1:2:4) into the accepted by the Engineer-in-charge. (Exposed area excluding hand rail of railing will be considered for measurement, rate is excluding the cost of wood for hand-rail, wooden strip and cost of painting, polish).uding cost of polish/ paint etc. of any type if necessary).</p> <p>g door wheel, sliding door mohiar, sliding door neoprene,</p>	sqm	Tk. 5,982.00	Tk. 5,963.00	Tk. 5,830.00	Tk. 5,829.00
19.1.4	<p>Manufacturing, supplying, fitting and fixing <b>M.S. collapsible gate of any design and shape made of 20 mm x 20 mm x 3 mm M.S. angle</b> placed @ 112 mm c/c vertically and connecting the same with each other by 20 mm x 3 mm M.S flat bar scissors 525 mm, 600 mm long provided in 3 rows including cutting the different M.S. members to required sizes, fabricating, welding, riveting with required size rivets, providing required size wheels, pulling handles on both sides, suitable locking arrangement, electrodes, grease and finally placing the same in position in between 2 (two) nos. 50 mm x 50 mm x 6 mm M.S. tee rail made by welding 2 nos. 50 mm x 6 mm M.S. flat bar fitted and fixed at top and bottom with R.C.C. lintel/roof slab, floors and side wall with required Nos. 150 mm to 225 mm long 38 mm x 6 mm M.S. flat bar clamps one end welded with the gate member and the other end bifurcated and embedded in C.C. at the respective point including cutting holes and mending good the damages by pouring concrete (1:2:4) into the accepted by the Engineer-in-charge. (Exposed area excluding hand rail of railing will be considered for measurement, rate is excluding the cost of wood for hand-rail, wooden strip and cost of painting, polish).uding cost of polish/ paint etc. of any type if necessary).</p> <p>g door wheel, sliding door mohiar, sliding door neopr</p>	sqm	Tk. 5,171.00	Tk. 5,152.00	Tk. 5,018.00	Tk. 5,018.00

Handwritten signatures and initials in blue ink are present below the table, including a large signature on the left and several smaller initials and marks scattered across the bottom of the page.



Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
19.4	Supplying, fitting, fixing and installation of <b>ordinary type M.S. gate (double leaf)</b> of any design and shape with 38 mm x 38 mm x 6 mm M.S. angle box (made by welding 2 nos. 38 mm x 38 mm x 6 mm angle) outer frame having 25 mm x 50 mm x 25 mm x 5 mm M.S. channel (made by welding 2 nos. of channel) placed part diagonally after cutting and shaping as per requirement, part horizontally @ 75 mm c/c, the two part of each leaf being separated by a vertical member of 38 mm x 38 mm x 6 mm M.S. box and welded the each ends of diagonal and horizontal members properly with the box frame as per architectural drawing providing full locking arrangement on 3 mm thick M.S. plates providing 38 mm x 38 mm x 6 mm M.S. angle clamps, fitting fixing with the outer frame of the gate, the clamp being embedded in R.C.C. pillars with cement concrete (1:2:4) including. cutting holes and mending good the damages, finishing, curing and where necessary painting two coats with approved quality of synthetic enamel paint over a coat of primiccepted by the Engineer-in-charge. (Exposed area excluding hand rail of railing will be considered for measurement, rate is excluding the cost of wood for hand-rail, wooden strip and cost of painting, polish).luding cost of polish/ paint etc. of any type if necess	sqm	Tk. 8,866.00	Tk. 8,850.00	Tk. 8,724.00	Tk. 8,723.00
19.5	Manufacturing, supplying, fitting and fixing <b>G.I. pipe gate</b> of any design and shape having 38 mm dia G.I. pipe outer frame and 19 mm dia. G.I. pipe vertical member placed @ 75 mm c/c by welding at top and bottom of G.I. pipe frame, cutting the pipes in proper shape and size including making semicircular band at the corners of the outer frame without damaging the pipe, covering 50% of the gate area with 18 BWG M.S. sheet, providing also two extra horizontal 38 mm dia G.I. pipes welded with vertical post, providing 6 nos. huskle domney with R.C.C. or R.C.C core pillar with cement concrete (1:2:4) in masonry including cutting holes, mending good the damages, making provision for minimum 0.61 m x 1.4 m pocket gate having its outer frame and inner vertical members made with 19 mm dia G.I. pipe including necessary locking arrangements. Painting the gate with 2 (two) coats of synthetic enamel paint over a coat of anti-corrosive priming, welding as and where necessary including necessary locking arrangement and proviccepted by the Engineer-in-charge. (Exposed area excluding hand rail of railing will be considered for measurement, rate is excluding the cost of wood for hand-	sqm	Tk. 10,063.00	Tk. 10,048.00	Tk. 9,936.00	Tk. 9,936.00

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19.6	<p>Supplying, fitting and fixing of <b>rolling shutter</b> of any design and shape made of 24 SWG G.P. sheet unit minimum 69 mm width having 10 mm and 12 mm dia circular folding at ends, rolled in machine, locked together properly to form rolling shutter, top of the shutter to be fitted with circular spring box made of 26 BWG sheet, containing best quality spring made in China, nutted with 38 mm G.I. pipe at one end and the other end nutted to shutter including fitting the G.I. pipe again with 375 mm x 300 mm x 6 mm pankha at ends with side guide channel (side channel consist of 50 mm x 100 mm x 6 mm M.S. plate with 2 mm x 19 mm x 3 mm F.I. bar, middle channel consist of 2 mm x 150 mm x 6 mm M.S. plate with 2 mm x 19 mm x 6 mm fixed to wall or column with clamps embedded in R.C.C. part by cement concrete (1:2:4) including cutting holes (minimum 3 mm x 25 mm x 6 mm) mending the damages, finishing, curing, bottom end of shutter fitted to folded G.P. sheet (min 125 mm width in two layers), which is again fitted to 25 mm x ccepted by the Engineer-in-charge. (Exposed area excluding hand rail of railing will be considered for measurement, rate is excluding the cost of wood for hand-rail, wooden strip and cost of painting, polish).luding cost of polish/ paint etc. of any type if necessary).</p> <p>g door wheel, sliding door mohiar, s</p>	sqm	Tk. 6,405.00	Tk. 6,387.00	Tk. 6,276.00	Tk. 6,275.00
19.7	<p>Manufacturing, supplying, fitting, fixing of ordinary type <b>M.S. folding gate</b> with 12mm x 12mm MS square solid bar and 25 mm x 25mm x 6 mm MS angle box frame and two nos outer side fixed box post made with 40 mm x 40 mm x 6 mm angle at both ends attached to column/wall side including locking arrangement providing 38 mm x 38 mm x 6 mm M.S. angle clamps fitted and fixed with the outer frame of the main gate, the clamp being embedded in R.C.C. or R.C.C. core pillar with cement concrete (1:2:4) in masonry including cutting holes and mending good the damages, finishing, curing etc. including riveting, welding as and where necessary, painting two coats with approved quality of synthetic enamel paint over a coat of priming of anti-corrosive paint etc. all complete as per drawing, design and accepted by the Engineer-in-charge. (Rate is excluding the cost of paint)</p>	sqm	Tk. 5,630.00	Tk. 5,611.00	Tk. 5,489.00	Tk. 5,489.00
19.8	<p>Manufacturing, supplying, fitting and fixing SS folding gate of any design and shape made of 37 mm x 1.5 mm round pipe section as vertical section spacing 450 mm c/c, 25 x 25 x 1.5 mm box section criss-cross connected with vertical section through 12 mm solid pipe section, 12 mm x 38 mm x 1.5 mm rectangular SS section fitted &amp; fixed vertically &amp; connected through 12 mm solid pipe section with vertical section, placing required number of SS wheel, SS Handle, SS Locking clamp etc, fitting-fixing the gate by cutting hole and mending good the damages by pouring concrete(1:2:4) into the holes and hoisting the gate in position with necessary carriage,electrodes, curing, polishing, finishing, etc.complete as per drawing and design and accepted by the Engineer-in-charge.</p>					
19.8.1	for S.S. Grade A304	sqm	Tk. 17,043.00	Tk. 17,029.00	Tk. 16,913.00	Tk. 16,911.00
19.8.2	for S.S. Grade A201	sqm	Tk. 14,933.00	Tk. 14,919.00	Tk. 14,802.00	Tk. 14,801.00

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