

CHAPTER 20 : STAIR & VERANDAH RAILING AND STAIR NOSING						
Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
20.1	Manufacturing, supplying, fitting and fixing of <b>stair railing</b> of standard height of any design and shape <b>with square box</b> (2 nos.in each tread) made by through welding of <b>2 nos. 19 mm x 19 mm x 3 mm M.S. angle</b> to provide hand-rail, engraving each box 150mm in the concrete by 50 mm x 50 mm x 6 mm anchor plate at base, welding 38 mm x 6mm F.I. bar inclined plain with the top of the box to fit in the grooved wooden rail by necessary screws including cutting grooves in concrete, mending good the damages with cement concrete (1:2:4), applying french polish of approved quality and colour to wooden hand rail, 2 (two) coats of synthetic enamel paint of approved quality over an anti-corrosive prime coat etc. complete in all respect for all floors and 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 and cost of painting, polish).	sqm	Tk. 4,251.00	Tk. 4,223.00	Tk. 4,086.00	Tk. 4,086.00
20.2	Manufacturing, supplying, fitting and fixing of <b>stair railing</b> of standard height of any design and shape <b>with square box</b> (2 nos. box in each tread) made by through welding of <b>2nos. 25 mm x 25 mm x 5 mm M.S. angle</b> , engraving each box 150 mm in the concrete by 50 mm x 50 mm x 6 mm anchor plate at base, welding 50 mm x 6 mm F.I. bar in inclined plain with the top of the box fitted in the grooved wooden rail and 2 Nos. 225 mm x25 mm finished section of wooden strip fitted and fixed at mid height of railing at both side of M.S. angle box in inclined plain parallel to the hand rail etc. fitted and fixed by necessary screws, nails including cutting grooves in concrete, mending good the damages with cement concrete (1:2:4), applying french polish of approved quality and colour to wooden hand rail and inclined wooden strip and painting to F.I bar and square box with 2 (two) coats of synthetic enamel paint of approved quality and colour over an anti-corrosive prime coat etc. complete in all respect for all floors and 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).	sqm	Tk. 5,481.00	Tk. 5,453.00	Tk. 5,316.00	Tk. 5,316.00
20.3	Supplying, fitting and fixing 12 mm dia of 2.65 mm thick <b>G.I pipe stair railing</b> of standard height of any design and shape with 50 mm x 50 mm x 6 mm M.S. plate at the base of 12 mm dia G.I. Pipe and fitted and fixed by welding. Placing the pipes vertically @ 250 mm c/c (1 nos. in each steps) 150 mm embedded into the R.C.C tread of stair case after cutting grooves and mending good the damages with C.C. and providing 38 mm x 6 mm F.I. bar on the top of G.I. pipe to provide wooden hand rail of any design applying french polish of approved quality and colour to wooden hand rail and painting with 2 (two) coats of synthetic enamel paint of approved quality and colour over an anti-corrosive prime coat etc. complete in all respect for all floors and 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 and cost of painting, polish).					
20.3.1	With the provision of hand rail of size: 150 mm x 62 mm (finished)	sqm	Tk. 2,887.00	Tk. 2,873.00	Tk. 2,792.00	Tk. 2,792.00
20.3.2	With the provision of hand rail of size: 112 mm x 62 mm (finished)	sqm	Tk. 3,511.00	Tk. 3,488.00	Tk. 3,373.00	Tk. 3,373.00

Handwritten signatures and initials in blue ink are present at the bottom of the page, including names like 'ds', 'S', 'g', 'm', 'tu', 'AA', 'R', and 'm'.

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
20.4.1	Supplying, fitting and fixing of 12 mm dia of 2.65 mm thick <b>G.I pipe stair railing</b> of standard height and design and shape with 50 mm x 50 mm x 6 mm M.S. plate at the base of 12 mm dia G.I. Pipe and fitting & fixing by welding. Placing the pipes vertically @ 125 mm c/c (2 nos. in each steps) 150 mm embedded into the R.C.C tread of stair case after cutting grooves and mending good the damages with C.C. and providing 40 mm dia of 3.20 mm thick G.I. pipe hand rail on the top of vertical G.I. pipe, applying 2 (two) coats of synthetic enamel paint of approved quality and color over an anti-corrosive prime coat etc. all complete in all respect for all floors and accepted by the Engineer-in-charge. (Exposed area of railing will be considered for measurement, rate is excluding the cost of paint).	sqm	Tk. 4,682.00	Tk. 4,666.00	Tk. 4,584.00	Tk. 4,584.00
20.4.2	Supplying, fitting and fixing of <b>12 mm dia of 2.65 mm thick G.I pipe stair railing</b> of standard height and design and shape with 50 mm x 50 mm x 6 mm M.S. plate at the base of 12 mm dia G.I. Pipe and fitting & fixing by welding. Placing the pipes vertically @ 125 mm c/c (2 nos. in each steps) 150 mm embedded into the R.C.C tread of stair case after cutting grooves and mending good the damages with C.C. and providing 50 mm dia of 3.20 mm thick G.I. pipe hand rail on the top of vertical G.I. pipe, applying 2 (two) coats of synthetic enamel paint of approved quality and color over an anti-corrosive prime coat etc. all complete in all respect for all floors and accepted by the Engineer-in-charge. (Exposed area of railing will be considered for measurement, rate is excluding the cost of paint).	sqm	Tk. 5,073.00	Tk. 5,054.00	Tk. 4,955.00	Tk. 4,955.00
20.5	Manufacturing, supplying, fitting and fixing of <b>stair railing of standard height of any design and shape with 75mm x 50mm x 3mm MS box for hand rail and 03 nos vertical post of 75mm x 50mm x 3mm MS box in each flight</b> , welding the vertical post box with 100 mm x 100 mm x 6 mm anchor base plate and fixing with concrete of stair by royal bolt, <b>welding MS box or MS F.I bar of any shape and design horizontally between the vertical post @ 125 mm c/c</b> , applying 2 (two) coats of synthetic enamel paint of approved quality and color over an anti-corrosive prime coat etc. finished in all respect for all floors and accepted by the Engineer-in-charge. (Exposed area of railing will be considered for measurement, rate is excluding the cost of painting).					
20.5.1	With F.I bar of size: 38 mm x 6 mm	sqm	Tk. 5,100.00	Tk. 5,078.00	Tk. 4,959.00	Tk. 4,959.00
20.5.2	With MS box of size: 20 mm x 20 mm of 1.5 mm wall thickness	sqm	Tk. 4,622.00	Tk. 4,601.00	Tk. 4,482.00	Tk. 4,482.00
20.6.1	Manufacturing, supplying, fitting and fixing of <b>stair railing of standard height of any design and shape with 75 mm x 75 mm finished wood for hand rail and vertical post</b> , fitting with 02 Nos. frames (150 mm space between the two frames and vertical wooden post) of 50 mm x 25 mm 1.5 mm MS box in each flight and welding 50 mm x 6 mm F.I. bar horizontally in each frame @ 150 mm c/c, fixing the rail, post and frames by necessary screws, nails, bolts with concrete of stair, applying french polish of approved quality and colour to wooden hand rail, 2 (two) coats of synthetic enamel paint of approved quality over an anti-corrosive prime coat etc. complete in all respect for all floors and 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 and cost of painting, polish).	sqm	Tk. 4,343.00	Tk. 4,322.00	Tk. 4,216.00	Tk. 4,216.00

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
20.6.2	Manufacturing, supplying, fitting and fixing of <b>stair railing of standard height of any design and shape with 100mm x 50mm finished wood for hand rail</b> , 75mm x 50mm x 3mm MS box for vertical post (total 4 nos. post per flight) fitting by welding on 100 mm x 100 mm x 6 mm anchor plate at base, <b>welding MS box or MS F.I bar of any shape and design horizontally between the vertical post @ 125 mm c/c</b> , welding 50 mm x 6 mm F.I. bar in inclined fitted in the grooved wooden rail by necessary screws, nails, mending good the damages with cement concrete (1:2:4), applying french polish of approved quality and colour to wooden hand rail, 2 (two) coats of synthetic enamel paint of approved quality over an anti-corrosive prime coat etc. complete in all respect for all floors and 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 and cost of painting, polish).					
20.6.2.1	With MS box of size: 38 mm x 12 mm of 1.5 mm wall thickness	sqm	Tk. 4,726.00	Tk. 4,705.00	Tk. 4,599.00	Tk. 4,599.00
20.6.2.2	With F.I bar of size: 38 mm x 6 mm	sqm	Tk. 5,169.00	Tk. 5,148.00	Tk. 5,042.00	Tk. 5,042.00
20.6.3	Manufacturing, supplying, fitting and fixing of stair railing of standard height of any design and shape with 100mm x 62mm finished wood for hand rail, fixing with 75mm x 38mm x 3mm MS box of 400mm length which fitting between 2 nos. 75mm x 38mm x 3mm MS box (total 3 nos. post per flight) welding on 150 mm x 150 mm x 6 mm anchor plate at base, 01 no 75mm x 38mm x 3mm MS box (200 mm space from top wooden rail) inclined with top and 01 no 75mm x 38mm x 3mm MS box (fitted with plain concrete surface of stair by royal bolt) inclined with bottom, both welding with vertical post, welding 1.5 mm thick 20mm dia MS pipe @ 125mm c/c horizontally between the MS vertical post, welding 50 mm x 6 mm F.I. bar in inclined fitted in the grooved wooden rail by necessary screws, nails, mending good the damages with cement concrete (1:2:4), applying french polish of approved quality and colour to wooden hand rail, 2 (two) coats of synthetic enamel paint of approved quality over an anti-corrosive prime coat etc. complete in all respect for all floors and 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 and cost of painting, polish).	sqm	Tk. 7,334.00	Tk. 7,314.00	Tk. 7,212.00	Tk. 7,212.00

Handwritten signatures and initials in black and blue ink are scattered 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, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
20.8.4	Supplying, fitting and fixing stainless steel (SS) stair railing of standard height with 2 mm thick 62mm dia pipe for hand-rail, 2 mm thick 50mm dia SS vertical post having pipe holder at the top to provide hand rail and having SS knob to hold the horizontal pipe (4 nos. post in each flight) fitting by welding on 150 mm x 100 mm x 6 mm anchor plate at base, base plate fitting with the tread by 50 mm long royal bolt, 1.5 mm thick 20 mm dia 8 nos horizontal pipes fitting in the SS knob including carrying, polishing fabricating etc.all complete and accepted by the Engineer-in-charge.	sqm	Tk. 11,034.00	Tk. 11,014.00	Tk. 10,913.00	Tk. 10,913.00
20.9.1	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair with 62 mm dia 2 mm thick SS pipe for hand rail, 04 nos 62 mm x 50 mm x 2 mm SS vertical box post (having 4 nos. SS glass holder and 1 no rail holder) in each flight fitting and fixing with 65 mm x 55 mm x 6 mm SS base plate including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc in all respect and accepted by Engineer-in-charge.	sqm	Tk. 12,232.00	Tk. 12,212.00	Tk. 12,097.00	Tk. 12,097.00
20.9.2	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair of standard height with 2 mm thick 62 mm dia SS pipe for hand-rail, 2 mm thick 62 mm dia SS vertical post (4 nos. post in each flight) having 1 no. pipe holder at the top to provide top rail and 4 nos. SS glass holder to fit the tempered glass, welding vertical post on 100 mm x 100 mm x 6 mm SS base plate and fitting base plate with the tread by 50mm long royal bolt including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc in all respect and accepted by Engineer-in-charge.	sqm	Tk. 22,004.00	Tk. 21,982.00	Tk. 21,859.00	Tk. 21,859.00
20.9.3	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair of standard height with 2 mm thick 62 mm dia SS pipe for hand-rail, fixing rail with the glass by SS holder, fitting the tempered glass with 150mm/200 mm long SS glass clamp (4 nos. clamp in each flight), welding the SS glass clamp on 100 mm x 100 mm x 6 mm SS base plate and fitting base plate with the tread by 50mm long royal bolt including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc in all respect and accepted by Engineer-in-charge.	sqm	Tk. 12,096.00	Tk. 12,078.00	Tk. 11,970.00	Tk. 11,970.00
20.9.4	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair of standard height with 2 mm thick 62 mm dia SS pipe for hand-rail, 2 mm thick 50 mm x 25 mm SS vertical post (4 nos. post in each flight) having 1 no. pipe holder at the top to provide top rail and 2 nos. SS glass holder to fit the tempered glass, welding vertical post on 100 mm x 100 mm x 6 mm SS base plate and fitting base plate on outer side of the tread by 75mm long royal bolt including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc in all respect and accepted by Engineer-in-charge.	sqm	Tk. 11,918.00	Tk. 11,899.00	Tk. 11,787.00	Tk. 11,787.00

Handwritten signatures and initials in blue ink are present below the table, including names like 'R', 'S', 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z'.

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgoni)	Unit Rate (Rajshahi, Rangpur)
20.10.1	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair of standard height with 62mm dia finished wood with 10mm x 18mm groove for hand rail, fitting 150mm x 50mm finished wood with 10mm x 50mm groove with the plain RCC surface at bottom by 50mm long royal bolt, 10 mm thick tempered glass fitting in the groove between the hand rail and bottom wooden section by glass protector bit/rubber gasket, silicon including carrying, fabricating etc. all complete and accepted by the Engineer-in-charge. (Rate is excluding cost of wood and cost of polish).	sqm	Tk. 6,672.00	Tk. 6,662.00	Tk. 6,584.00	Tk. 6,584.00
20.10.2	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair of standard height with 75 mm x 50 mm finished wood for hand rail and vertical post of both sides of stair railing having 10mm x 38mm groove for fitting the tempered glass, 1.5mm thick 62 mm x 25 mm alluminium U channel fitting with the RCC plain surface at bottom by 50mm long royal bolt, 10 mm thick Tempered glass fitting between the wooden groove and alluminium U channel through glass protector bit/rubber gasket, silicon as per drawing, design including carrying, fabricating etc. all complete and accepted by the Engineer-in-charge. (Rate is excluding cost of wood and cost of polish).	sqm	Tk. 7,578.00	Tk. 7,568.00	Tk. 7,489.00	Tk. 7,489.00
20.10.3	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair of standard height with 75 mm x 50 mm finished wood for hand rail and vertical post of both sides of stair tread, fixing the rail with the tempered glass by SS holder, fitting the bottom edge of the tempered glass with 1.5mm thick 38mm x 18 mm alluminium U channel and the top edge of the tempered glass with 1.5 mm thick 12mm x 12 mm alluminium U channel through glass protector bit/rubber gasket, silicon and fixing with the tread of stair by 50mm long royal bolt, fitting 38 mm x 6 mm F.I. bar at the bottom of the grooved wooden hand rail by necessary screws, nails including fitting, fixing, carrying, fabricating etc. as per drawing, design all complete and accepted by the Engineer-in-charge. (Rate is excluding cost of wood and cost of polish).	sqm	Tk. 8,478.00	Tk. 8,467.00	Tk. 8,389.00	Tk. 8,389.00
20.10.4	Supplying, fitting and fixing 10 mm thick tempered glass railing in stair of standard height with 2 mm thick 62 mm dia SS pipe or 2 mm thick 62 mm x 38 mm SS box for hand rail and vertical post of both sides of stair tread, fixing the rail with the tempered glass by SS holder, fitting the bottom edge of the tempered glass with 1.5mm thick 38mm x 18 mm alluminium U channel and the top edge of the tempered glass with 1.5 mm thick 12mm x 12 mm alluminium U channel through glass protector bit/rubber gasket, silicon and fixing with the tread of stair by 50 mm long royal bolt, welding vertical post on 100 mm x 100 mm x 6 mm SS base plate and fitting base plate with the concrete of stair by 50mm long royal bolt including fitting, fixing, carrying, fabricating, polishing etc. as per drawing, design all complete and accepted by the Engineer-in-charge.	sqm	Tk. 10,960.00	Tk. 10,948.00	Tk. 10,851.00	Tk. 10,851.00
20.11	Supplying, fitting and fixing stainless steel railing of standard height (approximately 225 mm above RCC or Brick wall) with 2 mm thick 62 mm dia SS pipe for hand-rail, 2 mm thick 40 mm dia vertical SS pipes @ 1200 mm c/c fitting and fixing with 65 mm x 55 mm x 6 mm SS base plate and fitting base plate with the surface by 50mm long royal bolt including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc all complete in all respect and accepted by Engineer-in-charge.	meter	Tk. 2,236.00	Tk. 2,236.00	Tk. 2,236.00	Tk. 2,236.00

*Handwritten notes and signatures in blue ink:*  
 A large arrow points from the bottom left towards the table.  
 Various initials and signatures are present, including "AA", "S", "PR", "sum x", "tu", "W", "got", "m".

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
20.12.1	Supplying, fitting and fixing stainless steel railing on inner side of stair with 2 mm thick 62 mm dia SS pipe for hand-rail (50mm space from wall), fitting and fixing by a SS pipe holder @ 1200 mm c/c welding with 65 mm x 55 mm x 6 mm SS base plate and fitting base plate on RCC or Brick wall by SS Royal Bolt including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc all complete in all respect and accepted by Engineer-in-charge.	meter	Tk. 2,288.00	Tk. 2,287.00	Tk. 2,276.00	Tk. 2,276.00
20.12.2	Supplying, fitting and fixing MS railing on inner side of stair with 3 mm thick 62 mm x 38 mm MS box for hand-rail (50mm space from wall), fitting and fixing by a MS box holder @ 1200 mm c/c welding with 65 mm x 55 mm x 6 mm MS base plate and fitting base plate on RCC or Brick wall by Royal Bolt including welding, bending, fabricating, all complete as per drawing, desing and specification etc all complete in all respect and accepted by Engineer-in-charge.	meter	Tk. 1,329.00	Tk. 1,328.00	Tk. 1,317.00	Tk. 1,317.00
20.12.3	Supplying, fitting and fixing 50 mm dia finished Wooden railing on inner side of stair (50mm space from wall), fitting both sides by 2 mm thick 50 mm dia SS pipe caping one end of 250 mm length, fitting and fixing by a SS holder @ 1200 mm c/c welding with 65 mm x 55 mm x 6 mm SS base plate and fitting base plate on RCC or Brick wall by Royal Bolt including welding, bending, fabricating, all complete as per drawing, desing and specification etc all complete in all respect and accepted by Engineer-in-charge	meter	Tk. 2,262.00	Tk. 2,245.00	Tk. 2,258.00	Tk. 2,258.00
20.13	Supplying, fitting and fixing SS Swimming Pool Ladder of 3000 mm x 600 mm size in which outer frame of 2 mm thick 50 mm dia SS pipe and horizontal bar for lower part (approximately 1800 mm) of 2 mm thick 40 mm dia SS pipe @ 200 mm c/c and fitting and fixing the whole with 100 mm x 100 mm x 6 mm SS base plate on both side and fitting base plate on RCC or Brick wall by Royal Bolt including welding, bending, fabricating, all complete as per drawing, desing and specification etc all complete in all respect and accepted by Engineer-in-charge.	sqm	Tk. 8,155.00	Tk. 8,135.00	Tk. 8,031.00	Tk. 8,031.00
20.14.1	Supplying, fitting and fixing verandah railing with 2 mm thick 50 mm dia SS hand rail, 1.5 mm thick 20 mm dia 5 nos SS horizontal pipes, 2 mm thick 50 mm x 25 mm SS box vertical post @ 450 mm c/c. Among the vertical box post, 5 nos box posts will be fitted with floor bed by 65 mm x 55 mm x 6 mm SS plate, remaining SS box post will be fitted and fixed with 50 mm x 25 mm x 2 mm SS horizontal box at bottom (50 mm above from floor) including all fittings, fixtures, polishing, carrying etc. all complete as per approved design and drawing and accepted by the Engineer-in-charge.	sqm	Tk. 9,533.00	Tk. 9,504.00	Tk. 9,349.00	Tk. 9,349.00
20.14.2	Supplying, fitting and fixing verandah railing with 2 mm thick 62 mm dia SS hand rail, 1.5 mm thick 25 mm square SS box @150mm c/c vertically, 2 mm thick 50 mm dia SS vertical post @ 900 mm c/c, 2 nos 1.5 mm thick 38mm x 38mm square SS box fitting horizontally at 125mm below from top rail and 125mm above from floor, vertical box posts will be fitted with floor bed by 65 mm x 55 mm x 6 mm SS plate including all fittings, fixtures, polishing, carrying etc. all complete as per approved design and drawing and accepted by the Engineer-in-charge.	sqm	Tk. 10,685.00	Tk. 10,671.00	Tk. 10,595.00	Tk. 10,595.00

Handwritten signatures and initials in blue ink at the bottom of the page, including 'SP', 'Rajshahi', and other illegible marks.

Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
20.14.3	Supplying, fitting and fixing verandah railing of standard height with 2 mm thick 62 mm dia SS pipe for hand-rail, 2mm thick 75mm x 75mm SS square vertical post having pipe holder to provide hand rail and SS knob for horizontal pipe @ 900mm c/c fitting by welding on 150 mm x 150 mm x 6 mm SS anchor plate at base, base plate fitting with the floor by 50mm long royal bolt, 1.5 mm thick 25 mm dia 8 nos horizontal SS pipes fitting with SS knob of vertical post including carrying, polishing fabricating etc. all complete and accepted by the Engineer-in-charge.	sqm	Tk. 12,001.00	Tk. 11,988.00	Tk. 11,918.00	Tk. 11,918.00
20.14.4	Supplying, fitting and fixing verandah railing of standard height with 2 mm thick 62 mm dia SS pipe for hand-rail, 2 mm thick 50mm dia vertical SS post having pipe holder to provide hand rail and SS knob for horizontal pipe @ 900mm c/c fitting by welding on 150 mm x 150 mm x 6 mm SS anchor plate at base, base plate fitting with the floor by 50mm long royal bolt, 1.5 mm thick 25 mm dia 8 nos horizontal SS pipes fitting with SS knob of vertical post including carrying, polishing fabricating etc. all complete and accepted by the Engineer-in-charge.	sqm	Tk. 11,946.00	Tk. 11,932.00	Tk. 11,856.00	Tk. 11,856.00
20.15.1	Supplying, fitting and fixing 10 mm thick tempered glass railing in verandah with 62mm dia 2 mm thick SS pipe for hand rail, 62 mm x 50 mm x 2 mm SS vertical box fitted with concrete slab by 100 mm x 55 mm x 6 mm SS plate @ 600 mm c/c and base plate fitting with the floor by 50mm long royal bolt including all fittings, fixtures as per drawing, desing and specification etc all complete in all respect and accepted by Engineer-in-charge.	sqm	Tk. 11,949.00	Tk. 11,937.00	Tk. 11,867.00	Tk. 11,867.00
20.15.2	Supplying, fitting and fixing 10 mm thick tempered glass railing in verandah of standard height with 2 mm thick 62 mm dia SS pipe for hand-rail, 2 mm thick 50 mm dia SS vertical post having pipe holder to provide hand rail and SS glass holder @ 900mm c/c fitting by welding on 100 mm x 100 mm x 6 mm SS anchor plate at base, base plate fitting with the floor by 50mm long royal bolt, 10 mm thick Tempered glass fitting between the post through glass holder as per drawing, design including carrying, polishing fabricating etc. all complete and accepted by the Engineer-in-charge.	sqm	Tk. 11,779.00	Tk. 11,768.00	Tk. 11,700.00	Tk. 11,700.00
20.15.3	Supplying, fitting and fixing 10 mm thick tempered glass railing in verandah of standard height with 1.5 mm thick 50mm x 15mm SS U channel at top of rail, fitting the tempered glass with 150mm/200 mm long SS glass clamp @ 900mm c/c, welding the SS glass clamp on 100 mm x 100 mm x 6 mm SS base plate and fitting base plate with the floor by 50mm long royal bolt including welding, bending, fabricating, polishing all complete as per drawing, desing and specification etc in all respect and accepted by Engineer-in-charge.	sqm	Tk. 10,735.00	Tk. 10,725.00	Tk. 10,663.00	Tk. 10,663.00

Handwritten signatures and initials in blue ink are present below the table. The signatures include 'Ruh', 'PRR', 'tu', and 'pol'.





Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalganj)	Unit Rate (Rajshahi, Rangpur)
20.18	Providing nosing to the nose of tread of stair including supplying 3 nos. of 75 mm long 12 mm x 3 mm F.I./SS bar clamps with bifurcated ends in each treads including fitting and fixing with the angle by welding and fitting and fixing the angle by cutting grooves in R.C.C, fixing and finishing and the same with C.C. (1:2:4) etc. cost of electricity and other charges all complete and accepted by the Engineer-in-charge					
20.18.1	Providing 38 mm x 38 mm x 6 mm M.S. angle to the nosing of steps of staircase	meter	Tk. 479.00	Tk. 477.00	Tk. 470.00	Tk. 470.00
20.18.2	Providing nosing 32 mm x 32 mm x 6 mm M.S. angle to the nosing of steps of stair case.	meter	Tk. 421.00	Tk. 420.00	Tk. 413.00	Tk. 413.00
20.18.3	Providing 25 mm x 25 mm x 6 mm size M.S. angle to the nosing of stair case.	meter	Tk. 365.00	Tk. 363.00	Tk. 356.00	Tk. 356.00
20.18.4	Providing 38 mm x 38 mm x 6 mm brass angle to the nosing of steps of stair case	meter	Tk. 1,518.00	Tk. 1,516.00	Tk. 1,509.00	Tk. 1,509.00
20.18.5	Providing 38 mm x 38 mm x 6 mm S.S. angle to the nosing of steps of staircase	meter	Tk. 1,475.00	Tk. 1,474.00	Tk. 1,467.00	Tk. 1,467.00
20.18.6	Providing 32 mm x 32 mm x 6 mm S.S. angle to the nosing of steps of stair case	meter	Tk. 1,179.00	Tk. 1,178.00	Tk. 1,171.00	Tk. 1,171.00
20.18.7	Providing 25 mm x 25 mm x 6 mm size S.S. angle to the nosing of stair case.	meter	Tk. 1,116.00	Tk. 1,114.00	Tk. 1,107.00	Tk. 1,107.00
20.19	Supplying, fitting & fixing of <b>column guard made of 50 mm x 50 mm x 6 mm M.S. angle</b> around column & 50 mm x 6 mm F.I. bar for Tie at the top including fitting and fixing with the angle by welding, fitting and fixing the angle by cutting grooves in R.C.C, fixing and finishing the same with C.C. (1:2:4) etc. cost of electricity and other charges all complete and accepted by the Engineer-in-charge	meter	Tk. 630.00	Tk. 628.00	Tk. 617.00	Tk. 617.00
20.20.1	Supplying, fitting & fixing of <b>column guard made of 75 mm x 75 mm x 3 mm S.S. angle</b> at corner of column including supplying 3 Nos. of 75 mm long 12 mm x 3 mm SS bar clamp with bifurcated ends, fitting and fixing with the angle by welding, fitting and fixing the angle by cutting grooves in R.C.C, fixing and finishing the same with C.C. (1:2:4) etc. cost of electricity and other charges all complete and accepted by the Engineer-in-charge.	meter	Tk. 1,824.00	Tk. 1,823.00	Tk. 1,812.00	Tk. 1,812.00
20.20.2	For column guard made of 50 mm x 50 mm x 3 mm S.S. angle	meter	Tk. 1,744.00	Tk. 1,742.00	Tk. 1,731.00	Tk. 1,731.00
..... END OF CHAPTER TWENTY .....						

Handwritten signatures and initials in blue ink, including names like 'Ankur', 'PRR', and 'tw', along with various scribbles and marks.