

Item No	Description	Unit	Zone-A (Dhaka, Mymensingh)	Zone-B (Chattogram, Sylhet)	Zone-C (Khulna, Barisal, Gopalganj)	Zone-D (Rajshahi, Rangpur)
CHAPTER-07: Structural Steel Works / Steel Bracings/ Structural strengthening works						
Item No	Description of Item	Unit	Unit Price (Taka)	Unit Price (Taka)	Unit Price (Taka)	Unit Price (Taka)
07.1.1	Supply, fabrication and installation of built-up sections i.e. columns, beams, rafters, bracings etc. from steel plates / angle in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of Manpower and machineries/ equipment, conforming to ASTM A572, with a minimum yield strength of 345 MPa, including the cost of testing of plates / part of angle/ part of built-up Section, applicaton of red/ grey-oxide primer etc. all complete as per drawing, specification and direction and acceptance of Engineer-in-charge.	kg	Tk. 130.00	Tk. 130.00	Tk. 130.00	Tk. 130.00
07.1.2	Supply, fabrication and installation of built-up sections i.e. columns, beams, rafters, bracings etc. from steel plates / angle in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment, conforming to ASTM A36, with a minimum yield strength of 275 MPa, including the cost of testing of plates/ part of angle/ part of Section, application of red/grey-oxide primer etc. all complete as per drawing, specification and direction and acceptance of Engineer-in-charge.	kg	Tk. 126.00	Tk. 126.00	Tk. 126.00	Tk. 126.00
07.2.1	Supply, fabrication and installation of hot-rolled sections (W, H, I-shape, Channel / C- Sec, angle, tube etc.) for columns, beams, rafters, bracings etc. in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment, confor- ming to ASTM A36, with a minimum yield strength of 275 MPa, including the cost of testing of plates / part of Section, applica- tion of red/grey-oxide primer etc. all complete as per drawing, specification and direction and acceptance of Engineer-in-charge.	kg	Tk. 124.00	Tk. 124.00	Tk. 124.00	Tk. 124.00

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 across the bottom.

Item No	Description	Unit	Zone-A (Dhaka, Mymensingh)	Zone-B (Chattogram, Sylhet)	Zone-C (Khulna, Barisal, Gopalganj)	Zone-D (Rajshahi, Rangpur)
07.2.2	Supply, fabrication and installation of hot-rolled sections (W, H, I-shape, Channel / C- Sec, angle, tube etc.) for columns, beams, rafters, bracings etc. in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment, conforming to ASTM A572, with a minimum yield strength of 345 MPa, including the cost of testing of plates / part of Section, application of red/grey-oxide primer etc. all complete as per drawing, specification and direction and acceptance of Engineer-in-charge.	kg	Tk. 131.00	Tk. 131.00	Tk. 131.00	Tk. 131.00
07.3.1	Supply and fixing of connection bolts of variable diameter with nut and washer in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment, according to "ASTM A325 Type 1 or equivalent" with Fu =720 Mpa, including the cost of testing of bolts, all complete as per drawing, specification and direction and acceptance of Engineer-In-Charge.	kg	Tk. 363.00	Tk. 363.00	Tk. 363.00	Tk. 363.00
07.3.2	Supply and fixing of connection bolts of variable diameter with nut and washer in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment, according to "ASTM A307 Type A or equivalent" with Fu =414 Mpa, including the cost of testing of bolts, all complete as per drawing, specification and direction and acceptance of Engineer-In-Charge.	kg	Tk. 326.00	Tk. 326.00	Tk. 326.00	Tk. 326.00

Multiple handwritten signatures and initials in blue ink are present below the table, including a large signature on the left, several smaller initials in the middle, and a signature on the right.

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07.4	Supplying and fixing of shear stud of variable diameter in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment, conforming to ASTM A108 or equivalent with minimum yield strength of 275 MPa, including the cost of testing, welding etc. all complete as per drawing, specification and direction and acceptance of Engineer-in-charge.	kg	Tk. 171.00	Tk. 171.00	Tk. 171.00	Tk. 171.00
07.5	Erecting / lifting at specified floor/ location of built-up/ Hot rolled sections i.e. columns, beams, rafters, bracings etc. in connection with retrofitting works only in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment and as per directions and acceptance of the Engineer- in- charge.					
07.5.1	Floor-0 to Floor-1 (1st Floor)	kg	Tk. 13.55	Tk. 13.55	Tk. 13.55	Tk. 13.55
07.5.2	Add Extra Rate with the previous floor's Lifting /Erection Rate for each addl. floor above First Floor for all Type of Structural Steel works in limited scope of works.	kg	2.00 % (two percent)	2.00 % (two percent)	2.00 % (two percent)	2.00 % (two percent)