

Item No	Description	Unit	Zone-A (Dhaka, Mymensingh)	Zone-B (Chattogram, Sylhet)	Zone-C (Khulna, Barisal, Gopalganj)	Zone-D (Rajshahi, Rangpur)
CHAPTER-06: M.S. Fabrication and Construction Joint in RC Works						
Item No	Description of Item	Unit	Unit Price (Taka)	Unit Price (Taka)	Unit Price (Taka)	Unit Price (Taka)
06.1	Supplying, fabrication and fixing to detail as per design in constrained conditions and limited scope of works : Ribbed or deformed bar reinforcement for reinforced concrete, produced and marked in accordance with BDS ISO 6935 - 2: 2006 (or standard subsequently released from BSTI) including straight- tening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, conducting necessary laboratory tests etc. (excluding splices or laps) etc. complete in all respect and accepted by the Engineer-in-charge (measu-remment shall be recorded only on standard mass per unit length of bars, while diameter of bars exceeds its standard).					
06.1.1	Grade 300 (RB 300 /RB 300W: complying BDS ISO 6935 -2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 300 MPa but fy not exceeding 330 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively					
06.1.1.F0	Up to Ground Floor (Floor-0)	kg	Tk. 101.00	Tk. 101.00	Tk. 100.00	Tk. 100.00
06.1.2	Grade 400 (RB 400 /RB 400W: complying (BDS ISO 6935 -2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively :					

Handwritten signatures and initials in blue ink are present below the table, including a large signature on the right side.

Item No	Description	Unit	Zone-A (Dhaka, Mymensingh)	Zone-B (Chattogram, Sylhet)	Zone-C (Khulna, Barisal, Gopalgonj)	Zone-D (Rajshahi, Rangpur)
06.1.2.F0	Up to Ground Floor (Floor-0)	kg	Tk. 110.00	Tk. 109.00	Tk. 108.00	Tk. 108.00
06.2	Hire charge of electric / gas welding machine set need to be used in constrained conditions and limited scope of works.	day	Tk. 921.00	Tk. 921.00	Tk. 921.00	Tk. 921.00
06.3	Execution of welding works in splicing of reinforcing bars including conducting necessary laboratory tests etc. to meet the need of structural design specification / practical req-uirement and complying with the requirement and recom- mendation of AWS D1.1 (but ACI mentioned D1.4) using the electrode conforming to E90XX and also satisfying the welded joint strength requirement that the welded splice shall develop at least 1.25 times greater yield strength (fy) than that of the connecting rebars in tension and compression, in constrained conditions and limited scope of works to utilise full capacity of manpower and machineries/ equipment, including cost of materials , manpower and electricity/ gas cost as per direction and acceptance of Engineer - in- charge. (The rate is excluding the hire charge of welding machine)					
06.3.1	Line Welding at Field	meter	Tk. 242.00	Tk. 242.00	Tk. 242.00	Tk. 242.00
06.3.2	Point welding in constrained conditions and limited scope of works as per direction and acceptance of the Engineer- in- charge.	point	Tk. 3.69	Tk. 3.69	Tk. 3.69	Tk. 3.69
06.4	Extra rate for M.S. Fabrication works in additional floor shall be incorporated in the estimate in connection of Retrofitting Works only					
06.4.1	Add Extra Rate with the previous floor Rate for each addl. floor above Ground Floor for M.S. Fabrication works in limited scope of works.in limited scope of works.	kg	Tk. 0.84	Tk. 0.83	Tk. 0.77	Tk. 0.77