

Item No	Description	Unit	Zone-A (Dhaka, Mymensingh)	Zone-B (Chattogram, Sylhet)	Zone-C (Khulna, Barisal, Gopalgonj)	Zone-D (Rajshahi, Rangpur)
CHAPTER-02: General and Site Facilities						
Item No	Description of Item	Unit	Unit Price (Taka)	Unit Price (Taka)	Unit Price (Taka)	Unit Price (Taka)
02.1	Installation of 6'-0" height temporary safety fencing for restricting public access to working area of the target building, with 50x50x5 mm MS angle @ 4'-0" c/c vertical post fixing with 150x150x10 mm MS base plate to floor, 40x40x5 mm MS angle @ 3'-0" c/c horizontal inner batten, 40x5 mm MS flat iron bar horizontal outer batten, 1 no 3'-0" width full height entry gate with locking arrangement, sheeting the frame with 0.45 mm corrugated galvanized iron sheets including fitting and fixing in position by providing necessary anchors, cables, wires, ties @ adequate spacing etc. by standard anchoring, welding, nut-bolts, washer etc., maintaining the structural safety, minimized sound and dust hazard as priority etc. all complete including removal after completion of the job as per direction and acceptance of the Engineer-in-charge.					
02.1.F0	Up to Ground Floor	sqm	Tk. 1,299.00	Tk. 1,297.00	Tk. 1,284.00	Tk. 1,284.00
02.2	Installation of 9'-0" height temporary movable safety fencing with full height dust protective curtain around working spot of the target building with 50x50x5 mm MS angle @ 5'-0" c/c vertical post, 40x40x5 mm MS angle @ 3'-0" c/c horizontal batten, 50 x 100 x 600 mm MS box base support welded with each vertical posts, fixing lateral stability, sheeting the frame with thick synthetic tarpaulin flexible sheet including fitting and fixing in position providing necessary anchors, cables, wires, ties etc. by standard anchoring and welding, nut-bolts etc. to minimize sound and dust hazard etc. all complete including removal after completion of the job as per direction and acceptance of the Engineer-in-charge.					
02.2.F0	Up to Ground Floor	sqm	Tk. 175.00	Tk. 175.00	Tk. 175.00	Tk. 175.00

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02.3	Installation of safety fencing of height 6'-0" at ground level around the target building for restricting public access to the building area with vertical post of bamboo @ 4'-0" c/c, 2"x1.5" garjan wood horizontal inner and outer batten @ 3'-0" c/c, 1 no entry gate of 4'-0" width with locking arrangement, sheeting the frame with corrugated galvanized iron sheets of thickness 0.45 mm including fitting and fixing in position by providing necessary anchors, cables, wires, ties @ adequate spacing etc. by standard anchoring and nut-bolts, including removal after completion of the job etc. all complete as per direction and acceptance of the Engineer- in- charge.	sqm	Tk. 1,404.00	Tk. 1,370.00	Tk. 1,387.00	Tk. 1,387.00
02.4a	Supplying of height adjustable steel props (threaded mechanism with height adjustable range of 10" to 12") made of mild steel pipes (standard BDS-1031 / BS- 1387) as extra, where necessary to support any structural members and where shuttering including props do not require ; placing in position and removal after completion of the job, satisfying the following criteria, properties, conformities, maintaining the structural safety, minimized sound and dust hazard etc. all complete as per direction and acceptance of the Engineer- in- charge. (This item to be treated as hired.)					
Do.Part	With 50 mm diameter (wall thickness 2.9 mm) and 40 mm diameter (wall thick 2.9 mm) MS Pipe , outer part of length 7'-0", inner partms length of 7'-0", bottom plate 4"x4", top u- 4"x3'x2" with 10 BWG MS sheet of grade 345 MPa, height coverage up to 12'-0".					
02.4a.F0	Up to Floor: 0 (Zero / Ground Floor)	each	Tk. 280.00	Tk. 277.00	Tk. 268.00	Tk. 268.00

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02.4b	Supplying of additional rectangular 3" x 3" M.S. box channel made of 3/16" thick M.S. sheet (conforming to ASTM 23521QW A572, with a minimum yield strength of 345 MPa) where it will require in addition to regular props / batten with prior approval of concerned design office; placing in position and removal after completion of the job, maintaining the structural safety etc. all complete as per direction and acceptance of the Engineer- in- charge. (This item to be treated as hired.)					
02.4b.F0	Up to Ground Floor	meter	Tk. 128.00	Tk. 128.00	Tk. 126.00	Tk. 126.00
02.5	Supplying of additional individual 150 mm (6 inches) diameter, 5.40 mm wall thickness mild steel pipe (standard BDS-1031 / BS- 1387) and 6mm thick MS Plate (conforming to ASTM- A572, with a minimum yield strength of 345 MPa) welded at top and bottom in necessary shape to support any structural members where it will require in addition to regular props with prior approval of concerned design office ; placing in position as prop/ strut and removal after completion of the job maintaining the structural safety etc. all complete as per direction and acceptance of the Engineer- in- charge. (This item to be treated as hired)					
02.5.F0	Up to Floor: 0 (Zero / Ground Floor)	meter	Tk. 200.00	Tk. 200.00	Tk. 199.00	Tk. 199.00
02.6	Supplying of garjan / jam / local sal wood of specified sizes, to be required for miscellaneous purposes etc. all complete as per direction and acceptance of the engineer- in- charge.(This item to be treated as hired)	cum	Tk. 12,804.00	Tk. 12,235.00	Tk. 13,088.00	Tk. 13,088.00
02.7	Supplying of mild steel plate (conforming to ASTM A572, with a minimum yield strength of 345 MPa); placing in position and removal after completion of the job, where it will require to be acted as extra base plate to distribute load as per direction in structural drawing, maintaining the structural safety etc. all complete as per direction and acceptance of the Engineer- in- charge. (This item to be treated as hired.)	kg	Tk. 6.44	Tk. 6.40	Tk. 6.31	Tk. 6.31

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02.8.1	Supplying of hot rolled W, I, S, T shape sections of grade 275 MPa (conforming to ASTM A36 M); placing in position and removal after completion of the job, where it will require to be acted as extra support / to bridge load as per direction in structural drawing, maintaining the structural safety etc. all complete as per direction and acceptance of the Engineer- in-charge. (This item to be treated as hired.)	kg	Tk. 31.00	Tk. 31.00	Tk. 31.00	Tk. 31.00
02.8.2	Supplying of built up steel structural sections W, I, S, T shape sections using mild steel plate with a minimum yield strength of 345 MPa (conforming to ASTM A572) ; placing in position and removal after completion of the job, where it will require to be acted as extra support / bridge load as per direction in struc-tural drawing, maintaining the structural safety etc. all complete as per direction and acceptance of the Engineer- in- charge. (This item to be treated as hired.)	kg	Tk. 31.00	Tk. 31.00	Tk. 31.00	Tk. 31.00
02.9	Supplying and installation of steel scaffolding having 2 nos side frame with J-type stiffener of height around 5 feet to 7 feet with or without base plate, made of MS pipes with requisite diagonal bracing and one steel working deck (All Pipes of class-A, D40 mm for sides frame, D32 mm for hooking , D25 mm for diagonal bracing; steel working deck made of 40 x40 mm MS angle at periphery, 25 mm F.I. bar @ 6" c/c both ways of the deck to support sheet and 16 BWG steel sheet to cover the deck top), covering approximate base area of 20 sft (5 feet x 4 feet) ; placing in position maintaining levelling , vertical and lateral stability and removal after completion of the job maintaining safety etc. all complete as per direction and acceptance of the Engineer- in- charge. (This item to be treated as hired and scaffolding area to be measured in plan)					
02.9.F0	Up to Floor: 0 (Zero / Ground Floor)	sqm	Tk. 450.00	Tk. 448.00	Tk. 444.00	Tk. 444.00

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02.10	Providing expert Engineer having minimum 5 (five) years relevant experience(s) in retrofitting works or minimum 10(ten) years experience(s) in civil construction works having expertise in project documentation, progress study & adjustment, preparation of project material schedule and testing schedule for approval , providing guidelines / methodology for execution of non-traditional items etc. & jobs assigned by the HOPE or his / her official at site (maximum man month shall not greater be than 1/4th of project duration & payment for the item shall be made subject to submission of C.V., recommendation by the Engineer -in- charge and procuring entity and approved by HOPE or his / her authorized officer. The payment of salary shall be made monthly basis directly to the engaged engineer by cheque by the procuring entity after deducting income taxes only from the gross bill as per rules / circulars in force at the time of payment.	Month	Tk. 120,000.00	Tk. 120,000.00	Tk. 120,000.00	Tk. 120,000.00
02.11	Add Extra Rate with the previous floor Rate for each addl. floor above Ground Floor for Item No- 02.1 and 02.9	sqm	Tk. 68.00	Tk. 67.00	Tk. 62.00	Tk. 62.00
02.12	dd Extra Rate with the previous floor Rate for each addl. floor above Ground Floor for Item No- 02.2	sqm	Tk. 16.00	Tk. 16.00	Tk. 15.00	Tk. 15.00
02.13	Add Extra Rate with the previous floor Rate for each addl. floor above Ground Floor for Item No- 02..4.a	each	Tk. 22.50	Tk. 22.09	Tk. 20.45	Tk. 20.45
02.14	Add Extra Rate with the previous floor Rate for each addl. floor above Ground Floor for Item No-02.4.b	meter	Tk. 16.87	Tk. 16.57	Tk. 15.34	Tk. 15.34