

CHAPTER 01: GENERAL, SITE FACILITIES & SAFETY						
Item No.	Description of Item	Unit	Unit Rate (Dhaka, Mymensingh)	Unit Rate (Chattogram, Sylhet)	Unit Rate (Khulna, Barisal, Gopalgonj)	Unit Rate (Rajshahi, Rangpur)
01.1	Erection and maintenance of semi permanent site office and removal of the same after completion of work in accordance with the conditions of contract. In addition to the office required for own use, the contractor shall provide and maintain furnished site office for the use of Engineer-in-charge and his staff. The site office must have tiles floor, adequate foundation, brick walls, false ceiling of gypsum board and all windows are to be glazed, shuttered and provided with steel grill. Outside and inside wall surface are to be painted on plaster acceptable to the Engineer-in-charge. The site office shall be maintained in a secure condition by the contractor until the completion of the contract and shall be provided with electricity, water supply, wash rooms and sewerage facilities. All doors shall be fitted with approved locks and windows shall be provided with screen/blinds. Before construction the contractor shall submit plans and drawings showing proposed details and location for the site office, including foundations, access roads, shades, layout of electrical and water supply and hard standings there for the approval of Engineer-in-charge. The Engineer-in-charge may require revision of the plans prior to giving approval for construction. The contractor shall also submit detailed proposed furniture, fittings and other items of equipment and plant to the Engineer-in-charge for approval. These items shall be of the standard quality suitable for site. The office, complete with furnishings, fittings, access roads and hard standings shall be ready for occupation by the Engineer-in-charge within 28 days of the date when the contractor first occupies the site. The contractor shall provide day and night guards and an attendant for the field office. At the end of the contract all materials, equipment and plant, furniture, fittings recovered from dismantling the office and removing access road will be the property of the contractor. No interim payment shall be certified unless engineer's office with required facilities are constructed and accepted by the Engineer-in-charge. (This is a time related item; proportionate payment for this item shall be made distributing in each bill on the basis of percentage progress of the whole works under contract)					
01.1.1	Engineer's site office of minimum 10 sqm plinth area with providing necessary facilities including office furniture, consumables, stationeries etc.	job	Tk. 50,308.00	Tk. 50,308.00	Tk. 50,308.00	Tk. 50,308.00
01.1.2	Engineer's site office of minimum 15 sqm plinth area with providing necessary facilities including office furniture, consumables, stationeries, water purifier etc.	job	Tk. 80,370.00	Tk. 80,370.00	Tk. 80,370.00	Tk. 80,370.00
01.1.3	Engineer's site office of minimum 38 sqm plinth area with providing necessary facilities including office furniture, 24000 BTU air cooler, umbrella, crockeries, water purifier, PC with monitor, uninterruptible power supply (UPS), laserjet printer (minimum 20 ppm), LED flood light fittings(Halogen) for sight security etc.	job	Tk. 487,130.00	Tk. 487,130.00	Tk. 487,130.00	Tk. 487,130.00
01.1.4.1	Providing necessary facilities in construction site for maintaining site safety of 30 nos construction worker including safety helmet, safety belt, apron, gumboot, goggles etc.	set	Tk. 38,651.00	Tk. 38,651.00	Tk. 38,651.00	Tk. 38,651.00
01.1.4.2	Providing necessary facilities in construction site for maintaining site safety of 10 nos construction inspection team member including safety helmet, safety goggles, safety shoe etc.	set	Tk. 10,798.00	Tk. 10,798.00	Tk. 10,798.00	Tk. 10,798.00

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01.1.4.3	Supplying and providing of first aid box with necessary materials/medicine (hygienic gown, thermometer, adhesive dressings, antiseptic solutions, bandages, cotton balls or swaps, emergency blanket, gloves, hand sanitizer, ice pack, saline etc). All complete as per direction of Engineer-in-charge.	each	Tk. 16,215.00	Tk. 16,215.00	Tk. 16,215.00	Tk. 16,215.00
01.1.5	Hiring, installation, testing & commissioning of CCTV/Surveillance facilities for monitoring construction site including supply, fixing of 5.0 megapixel IR fixed bullet network IP camera including lens, bracket, housing with outdoor night vision facilities, full HD 1080 pixel, real time video, network video recorder (NVR) , 2 TB HDD for NVR , 4/8/16/32 port PoE switch, 32"/42" Full HD CCTV monitor, cable & accessories, internet connection with operation & maintenance cost throughout contract completion period, re-fitting & re-fixing with progress of construction all complete as per direction of Engineer in charge.	job	Tk. 49,081.00	Tk. 49,081.00	Tk. 49,081.00	Tk. 49,081.00
01.1.6	Providing and maintenance one project profile signboards to be placed at a suitable place of the site including submission of proposals for the materials of the signboards and text layout containing 3D picture, safety instructions, project information with security light etc to the Engineer-in-charge for approval which will be positioned as directed by the Engineer-in-charge and removing the same on completion of the works or as instructed by the Engineer-in-charge.	sqm	Tk. 3,301.00	Tk. 3,276.00	Tk. 3,239.00	Tk. 3,239.00
01.2.1	Providing 3 sets as-built drawings subject to Engineer's approval produced in AutoCAD software in 584.5 mm x 413.5 mm (A-2 size) standard drawing paper, and operating and maintenance manual of the equipment and plant incorporated in the works, if any, in original by the date stated in the particular conditions of contract (PCC). If the contractor does not supply the as-built drawings and operating & maintenance manuals by the date stated in the particular conditions of contract (PCC), or they do not receive the Engineer-in-charge's approval, the Engineer-in-charge shall withhold the amount stated in the PCC from the payments due to the contractor. The as-built drawings must show the permanent works as actually constructed and reflect the revision of drawings supplied to the contractor during the Contract as well as revisions of drawings supplied to the contractor during the contract. (One set of as-built drawings shall be considered for measurement and payment)	per tender	Tk. 28,256.00	Tk. 28,256.00	Tk. 28,256.00	Tk. 28,256.00
01.2.2	Providing additional copy of as-built drawing produced in AutoCAD software in 584.5 mm x 413.5 mm (A-2) standard drawing paper accepted by the Engineer-in-charge.	sqm of drawing sheet	Tk. 331.00	Tk. 331.00	Tk. 331.00	Tk. 331.00
01.3.1	Providing coloured progress picture & video of works, CCTV monitoring system operation and related data processing, regular data updating & all other relevant works regarding online monitoring system etc.	per month	Tk. 32,498.00	Tk. 32,498.00	Tk. 32,498.00	Tk. 32,498.00

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01.4.1	Preparation & submission of work programme / schedule to the Engineer-in-charge for approval prior ground breaking showing the events (works) and successive sub-events of works including all the management & control parameters like Earliest Start Time (EST), Earliest Finish Time (EFT), float events on critical path, resource allocation etc. with description of general method of works, in orderly manner all in the form of network diagram prepared in computer software like MS project/ Primavera and presenting in displayable hard and soft copy minimum 3 (three) sets. (This is a time related item. Proportionate payment for this item shall be made distributing in each bill on the basis of percentage progress of the whole works under contract)	per tender	Tk. 32,076.00	Tk. 32,076.00	Tk. 32,076.00	Tk. 32,076.00
01.4.2	Updating the work programme and submission to the Engineer-in-charge at intervals no longer than 28 days showing actual physical and financial progress achieved on each activity and the effect of the progress on the timing of the remaining work, including any changes to the sequence of the activities. However, Engineer's approval of the programme shall not alter the contractor's obligations. The contractor may revise the programme and submit it to the Engineer-in-charge again at any time. A revised programme shall show the variations and events related to change of contract price. Month wise documentation shall be the basis of payments on this item.	per month	Tk. 9,499.00	Tk. 9,499.00	Tk. 9,499.00	Tk. 9,499.00
01.5	Providing all necessary logistic support to frame 'monthly progress meeting' between contractor/contractor's representatives and employer / employer's representatives at the Engineer-in-charge's office at site. Month wise documentation shall be the basis of payments on this item.	per month	Tk. 2,425.00	Tk. 2,381.00	Tk. 2,205.00	Tk. 2,205.00
01.6	Providing layout and carry over PWD bench-mark (BM) at site from nearby BM pillar, property lines, existing ground level (EGL), formation ground level (FGL), highest flood levels (HFL), plinth levels (PL), mean sea level (MSL), setting and marking all pillars, marker, pegs etc. showing and maintaining reduced levels (RL's) including locating, establishing, protecting all public utilities within the premise of work and finally all to be presented in black and white.	sqm	Tk. 33.00	Tk. 32.00	Tk. 30.00	Tk. 30.00
01.7	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also cover cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge.	sqm	Tk. 218.00	Tk. 214.00	Tk. 198.00	Tk. 198.00

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01.8	Providing expertised architect having minimum qualification Bachelor of Architecture and relevant experience(s) more than 5 years with registration in respective professional body for detail documentation of architectural themes, drawings, working out shop drawings, communication with theme architect & getting approval, specifying architectural needs according to approved master architectural themes & plan, certifying as built drawing for the approval etc. and any relevant jobs assigned by the HOPE or his official at site (max man month not greater than 1/4 of initial contract duration or contract completion time whichever is less & payment for the item subject to submission of CV & approved by HOPE or his authorized officer).	per month	Tk. 80,000.00	Tk. 80,000.00	Tk. 80,000.00	Tk. 80,000.00
01.9	Providing expertised engineer having minimum qualification B.Sc. in Civil Engineering and relevant experience(s) more than 10 years with registration in respective professional body for project documentation, progress study & adjustment, preparation of project material schedule and testing schedule for approval etc. & jobs assigned by the HOPE or his official, at site (max man month not greater than 1/4 of initial contract duration or contract completion time whichever is less & payment for the item subject to submission of CV & approved by HOPE or his authorized officer).	per month	Tk. 120,000.00	Tk. 120,000.00	Tk. 120,000.00	Tk. 120,000.00
01.10	Providing transport facilities for quality control part of project which includes carrying test samples, work samples, report collection & emergency services of project including cost of fuel, driver, maintenance etc. (Total duration is 1/2 of the initial contract duration or contract completion time whichever is less).	per month	Tk. 70,000.00	Tk. 70,000.00	Tk. 70,000.00	Tk. 70,000.00
01.11	Supplying, fitting, fixing, operating and maintenance of the construction supervision lift (1000Kg capacity) for supervision of building construction work during the entire construction period including all necessary components like, steel frame, car, guide rails, push button, driving motor, gear box, car door, travelling cable, RCC base for steel frame, necessary connections with the building, electric supply & electricity bill and dismantling the same after completion of the building construction etc. all complete complying all safety factors and accepted by the Engineer-in-charge. (The construction supervision lift shall be the contractor property after completion of work). Number of month shall be calculated as 1/2 (half) of the initial contract period or contract completion time whichever is less for new construction and full contract period for vertical extension work. The contractor must submit detail structural drawing of supporting frame with foundation and lift specification prior to supply on sitg					
01.11.1	6th to 9th floor, hoisting speed 40 m/min	per month	Tk. 17,730.00	Tk. 17,730.00	Tk. 17,730.00	Tk. 17,730.00
01.11.2	10th to 14th floor, hoisting speed 40 m/min	per month	Tk. 21,470.00	Tk. 21,470.00	Tk. 21,470.00	Tk. 21,470.00
01.11.3	15th to 19th floor, hoisting speed 50 m/min	per month	Tk. 25,153.00	Tk. 25,153.00	Tk. 25,153.00	Tk. 25,153.00
01.11.4	20th to 24th floor, hoisting speed 60 m/min	per month	Tk. 29,151.00	Tk. 29,151.00	Tk. 29,151.00	Tk. 29,151.00
01.11.5	25th to 29th floor, hoisting speed 60 m/min	per month	Tk. 32,419.00	Tk. 32,419.00	Tk. 32,419.00	Tk. 32,419.00

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