

Construction of Warehouse Complex at Khanaspur Galiyat Region

Engineer's Price Estimate

AS PER MARKET RATE SCHEDULE(MRS) OF RATES 2020 (GOVERNMENT OF KPK)

A- Civil Works

Sr. No.	Description	Unit	Rate (Rs.)	Quantity	Amount (Rs.)	Remarks
1	2	3	4	5	6	7
	General					
	All items of civil Schedule works described under title "Description" unless specifically indicated other wise, shall be deemed to be read in terms of supply, storing, protecting, making, assembling, installing, applying, laying, fixing, testing commissioning, clearing etc. of the same inclusive of but not limited to all materials, labor, tools, plants, Scaffolding , Shuttering ,equipments, appliances etc. as required for the completion and maintenance of the Civil Schedule work as per drawings specifications, and /or as directed by the Engineer In charge.					
1	Earthwork					
1.01	Clearing & Grubbing	M ²	31.22	929.37	29,015	03-57
1.02	Excavation in foundation of building. bridges etc complete : In ordinary soil	M ³	328.09	104.40	34,253	03-25-d
1.03	Filling watering ramming earth under floor with surplus earth from found; etc.	M ³	64.89	566.25	36,744	03-16-a
2	Concrete Works					
2.01	Plain Cement Concrete including placing, compacting, finishing & curing					
	Ratio 1:2:4	M ³	7,783.07	22.44	174,634	06-05-f
2.02	Damp proof of cem. Conc. 1:2:4 i/c bitumen coat,1 layer polythene & 2 coats bitumen (2" thick)	M ²	895.88	46.47	41,630	06-26-a-02
3	Stone Masonry as in Foundation					
3.01	Coursed rubble masonry (Hammer Dressed) in foundn. & plinth in cement,sand mortar : Ratio 1:4	M ³	7580.88	35.39	268,293	08-02-d-02
4	Iron Works					
4.01	Steel Column C1-20-6" Providing and fixing of Square columns 15"x15"x1/2" #4SWG, including, welding with neat finishing, 4 No of 25 mm dia anchor bolts, base plate (470mm x 470mm x 12mm), 4 no 25mm hold fast 9" long welded with anchor bolts and with one no column capital of 12mm gauge with measurement and shape as shown in drawing. all the columns should be imbedded in concrete base of 30"x30"x30" PCC 1:2:4), 100 PVC pipes for Incoming & outgoing Cables, painting complete in all respects as per design, drawing and instruction of engineer incharge.	Each	201004.36	12.00	2,412,052	NSI

A- Civil Works

Sr. No.	Description	Unit	Rate (Rs.)	Quantity	Amount (Rs.)	Remarks
1	2	3	4	5	6	7
4.02	Steel Column C1-17' Providing and fixing of Square columns 15"x15"x1/2" #4SWG, including welding with neat finishing, 4 No of 25 mm dia anchor bolts, base plate (470mm x 470mm x 12mm), 4 no 25mm hold fast 9" long welded with anchor bolts and with one no column capital of 12mm gauge with measurement and shape as shown in drawing. all the columns should be imbedded in concrete base of 30"x30"x30" PCC 1:2:4), 100 PVC pipes for Incoming & outgoing Cables, painting complete in all respects as per design, drawing and instruction of engineer incharge.	Each	172191.77	8.00	1,377,534	NSI
4.03	Steel Beam over columns capital and with roof. Providing and fixing of angle iron beams, The main angle iron beam should be contain on 4 no 2"x2"x 6mm angle iron, 1.5"x1.5"x1/8 angle will be used to connect the 4 main angle in square shape of 10" long and 1.5"x1.5"x1/8" angle will be used as in 45 degree with each main angle iron. The 45 degree angle iron will be used on right and lift side only of the beam, including welding with neat finishing, hold fasts where needed, painting complete in all respects as per design, drawing and instruction of engineer incharge.	M	1776.00	548.61	974,338	NSI
4.04	Steel trusses members Providing and fixing of angle iron trusses, The main vertical angle iron in truss should be contain on 2 no 2"x2"x 6mm angle iron welded in square shape and 1.5"x1.5"x1/8" angle iron will be used as in 45 degree with each main angle iron truss, including welding with neat finishing, hold fasts where needed, painting complete in all respects as per design, drawing and instruction of engineer incharge.	M	681.79	143.86	98,081	NSI
4.05	CGI sheet at roof Providing and fixing of CGI sheet over roof of #16 SWG, including welding, fixing bolts, warshers, hold fasts where needed, painting complete in all respects as per design, drawing and instruction of engineer incharge.	M ²	1614	966.54	1,560,000	NSI
4.06	Steel Walls Providing and fixing of CGI sheet pressed in edges shape on 4"-4" for using as in wall around garage of #16 SWG, the sheet should be fixed over a mesh frame 4'x4' of square pipe 1.5"x1.5" of 1 gauge, including welding, fixing bolts, warshers, hold fasts where needed, painting complete in all respects as per design, drawing and instruction of engineer incharge.	M ²	5380	352.42	1,896,000	NSI

A- Civil Works

Sr. No.	Description	Unit	Rate (Rs.)	Quantity	Amount (Rs.)	Remarks
1	2	3	4	5	6	7
	Moveable Vintelators Providing and fixing of GI sheet pressed in 4"-4" as in moveable ventilators with frames of angle iron 1.5"x1.5" of 12 guage ,including welding, fixing bolts, washers, hold fasts where needed, painting complete in all respects as per design, drawing and instruction of engineer incharge.	M ²	6456	89.22	576,000	NSI
	Steel Doors Providing and fixing of iron steel doors of 1.5"x1.5".1/8" angle iron frame welded with plan square bars mesh 4"x4" of #4 bar ,including welding, fixing bolts, washers, hold fasts where needed, painting complete in all respects as per design, drawing and instruction of engineer incharge.	M ²	8608	50.19	432,000	NSI
	Aluminums Frame with Moveable Glass Window Providing and Fixing of Tempered Glass with Aluminium of Thickness 2mm, SS Spider (Grade 202), M.S Plates with Powder Coating, Floor Hinge (GCC), Patch Fitting, Handle, Local, Silicone. 6mm Clear Low E Glass Tempered + 12mm Air Gap + 5mm Clear Glass Ghani Tempered. (U-Value: 1.8, SC: 0.62, LT: 65%)	M ²	17222	35.69	614,615	12-53-b
5	Flooring					
5.01	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	6,004.18	93.43	560,979	06-05-i
5.02	Pouring of Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) as in floor in panels using 1/2" marble strip or glass as per the instruction of engineer incharge	M ³	7,783.07	70.78	550,897	06-05-f
6	Miscellaneous Items					
6.01	Spraying anti-termite liquid Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	M ²	93.47	929.37	86,868	28-15
6.02	Other Miscellaneous Items (Electrical & Sewerage works)				1,000,000	NSI
	Total of Civil Work (Schedule Items)				12,723,933	
	Total of Civil Work (PKR)				12.72	Millions