

SCHEDULE OF QUANTITIES

NIT No. 20/NIT/EE-I/CPWD/BBSR/2026-27

Name of work:- Construction of a Shed over four wheeler parking Area and Renovation of Two wheeler parking shed at SIB Office Complex Bhubaneswar.

ItemNo	Description		Quantity	Rate	Amount	DSR 2023
1	SH: 1 : EARTH WORK					
1.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.					2.80
1.1.1	All kinds of soil.	Cum	20.00	260.30	₹ 5,206.00	2.8.1
2	SH: 2 : CONCRETE WORK					
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					4.1
2.1.1	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	7.00	7878.50	₹ 55,150.00	4.1.3
2.2	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	5.00	6518.60	₹ 32,593.00	4.1.10
2.3	Centering and shuttering including strutting, propping etc. and removal of form work for :					4.3
2.3.1	Foundations, footings, bases for columns	Sqm	30.00	392.15	₹ 11,765.00	4.3.1
3	SH: 3 : STEEL WORK					
3.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					10.16
3.1.1	Hot finished welded type tubes	Kg	5000.00	194.40	₹ 9,72,000.00	10.16.1
3.2	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					10.25
3.2.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg	120.00	172.60	₹ 20,712.00	10.25.2
4	SH: 2 : FLOORING					
4.1	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).					11.20
4.1.1	Medium shade pigment using 50% white cement 50% Grey cement	Sqm	175.00	1328.35	₹ 2,32,461.00	11.20.2

5	SH: 4 : ROOFING					
5.1	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	460.00	738.65	₹ 3,39,779.00	12.50
5.2	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :					12.51
5.2.1	Ridges plain (500 - 600mm)	Mtr	35.00	532.35	₹ 18,632.00	12.51.1
5.2.2	Gutter (600 mm over all girth)	Mtr	30.00	1313.70	₹ 39,411.00	12.51.6
6	SH: 4 : FINISHING					
6.1	Finishing walls with Acrylic Smooth exterior paint of required shade :					13.46
6.1.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	Sqm	250.00	160.60	₹ 40,150.00	13.46.1
6.2	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					13.62
6.2.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	170.00	226.25	₹ 38,463.00	13.62.1
7	SH: 5 : REPAIRS TO BUILDING					
7.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					14.1
7.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	Sqm	10.00	547.40	₹ 5,474.00	14.1.1
				Total	₹ 18,11,796.00	
	Apply Modification Factor @0.973				₹ 17,62,878.00	
	Add cost index @8.20 %				₹ 1,48,567.00	
	Total				₹ 19,11,445.00	