

BoQ of Construction of MS cage shed for Physics Dept., Front side of Block-04, of IIT Patna

SN	Description	Qty	units	Estimated Rate, Rs.	Amount, Rs.
	Steel Work:				
1	10.2 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	80.000	kg		
2	10.25 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.				
	10.25.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works ,	130.000	kg		
3	Providing and fixing bolts including nuts and washers complete.	2	kg		
4	13.61 Painting with synthetic enamel paint of approved brand and 13.61 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	13.61.1 Two or more coats on new work	30.000	Sq.m.		

5	<p>12.50 Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm + 0.05 %, total coated thickness with zinc coating 120 gsm 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 while 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 55mm) 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. Qty- 6.1*1.8 m av.=10.98 m2,</p>				
	Roof				
	Front				
	Total	28.200	sqm		
				Total	