

Project: Construction of Roof Shed atop Courtyard

Location: SOS CHILDREN'S VILLAGES, Bharatpur Gmeinerr School

COST ESTIMATE							
S.N.	PARTICULARS	QUANTITY	UNIT	RATE (IN DIGITS)	RATE (IN WORDS)	AMOUNT	REMARKS
1	METAL WORKS (TRUSS)						
	Providing and fixing tubular roof trusses with rafters, purlins, wind ties, brackets etc., made with required grade mild steel tubes and mild steel sections of required sizes, including hoisting, fixing in position with MS bed plates, shoe angles, anchor bolts etc., and concrete grouting, concreting nut bolts, fabrication, fixing and treated with two coats of anticorrosive paints all complete as per drawings, specifications and instructions of the Engineer. Rate shall include preparing shop drawings, obtaining Engineer's or Client's approval, supplying, fabricating, delivering at site, hoisting and fixing in position, temporary staging, preparation of surface, applying Zinc chromate/Phosphate primer of one coat before and one coat after erection including two coats of synthetic enamel paint of approved make and color etc. all complete as per drawing, specification and instruction of the Engineer.	2358.24	KG				
2	NUT BOLT (1/2")						
	For truss works.	4.80	KG				
3	CGI SHEET ROOFING						
	Providing & fixing pre-coated galvanized iron profile Terracota colour sheets (size, shape and pitch of corrugation as approved by Engineer) 0.55 mm +/- 5% total coated thickness (TCT), Base Material Thickness (BMT) of 0.52 mm, Zinc coating 120gsm as per IS: 277 , 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 up to 6 meter or as desired by Engineer. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal etc., all complete up to 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.	115.60	SQ.M.				
4	GUTTER WORKS						
	Providing & laying prefinished plain (colour matching to roofing sheet) Gutter with all required fixing accessories all complete as per design, drawing, specifications instructions of the Engineer.	93.39	R.M.				
5	CGI SHEET ROOFING RIDGE						
	Providing & laying prefinished plain (colour matching to roofing sheet) CGI Sheet Ridge Cover over ridge with all required fixing accessories like self tapping screw, clips, clamps, washer etc.all complete on building floors as per design, drawing, specifications instructions of the Engineer.	28.66	R.M.				
					TOTAL COST (A)		NPR
					ADD VAT 13% (B)		NPR
					TOTAL COST INCLUDING VAT 13% (A)+ (B)		NPR