

BOQ FOR CONSTRUCTION OF SHEET ROOF OVER SECURITY BARRACK INCLUDING ALLIED WORK AT DHUBRI BRANCH					
Sl. No.	Description of work	Unit	Quantity	Rate	Amount
1	ROOFING & ROOF TRUSS:				
i	Providing Dyna coloured sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets 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. 0.63 mm thick	Sqm	180		
ii	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gm/m ²	RM	49		
iii	ROOF TRUSS : 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.	kg	2050		
2	PAINTING				
i	WALL PUTTY: Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	290		
ii	(Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	290		
iii	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	Sqm	290		
iv	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	sqm	12		
v	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	sqm	12		
3	WINDOWS: Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :	sqm	14		
	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item); With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)				
4	Renewing glass panes,with putty and nails wherever necessary including racking out old materials.Float glass panes of nominal thickness 4mm(weight not less than 10kg/sqm)	sqm	14		
5	Preparing the RCC surface in roof slab, chajjas, terraces, sunken slabs, septic tank, OH tank, raft slab, walls etc. by thoroughly cleaning with wire brush etc. followed by power washing for making the surface absolutely free from any foreign particles like dust, oil, grease etc. and allowing surface to dry complete as directed at all levels.	Sqm	132		
6	Doing patch work in existing roof slab wherever necessary by laying cement sand mortar (prop.1:4) admixed with mortar modifier cum bonding agent Nitobond SBR of Fosroc Chemicals/Rheomix 141 of BASF/Dr. Sealkit Master Bond Latex (Asian Chemicals) @ 3Ltrs per bag of cement after applying with brush a priming coat of Nitobond SBR/Rheomix 141 of BASF/Dr. Sealkit Master Bond Latex (Asian Chemicals) @ 3.5sq.m. per litre as specified & directed by the Department complete after proper surface preparation (surface preparation including thorough cleaning of surface to be measured and paid separately).	Sqm	132		
7	Supplying,fitting and fixing PVC pipes of 6kg/cm2 (Supreme/Prince) or other ISI approved including joining,fitting and fixing with clamps etc as necessary complete at all levels including below G.L as directed as specified	rm	34		
	a) In exposed surfaces or trenches 110 mm dia				
TOTAL					

Rates are exclusive of GST