Bill of Quantities – Waterproofing (Roof Slab)

Sl No	Description	Unit
1a	**Surface Preparation** Preparation of the surface by mechanical abrading to remove all loose mortar and laitance, oil, grease etc., and washing with plenty of water. The rate to be inclusive of scaffolding, labour, equipment hire charges etc, all complete	M^2
1b	**Construction Joints Treatment** Drilling holes and fixing nozzles of 12mm dia with La Terra Plug @ 500 mm c/c at an inclined angle. The horizontal and grouting net cement slurry admixed with shrink compensating compound PoreX 100 @ 210 gms/50kg bag of cement through the nozzles under mechanical pressure through a grouting pump. Removing the nozzles and filling up the holes by La Bond SBR Latex modified 1: 4 cement : sand mortar.	Nos
1c	Providing and applying coving using CM 1:4 admixed with La Bond SBR Latex @ 5% by the weight of cement and fillet size of 75mm x 75mm at all right angels in slab and parapet wall junction.	M^2
1d	**Penetrating Sealer Priming Coat** Providing, mixing and applying single coat of penetrating acrylic waterproof repellent primer on concrete with La BrushSeal Diluting 1 part BrushSeal with 3 part water	M^2
1e	**Brush Applied Waterproof Coating** Providing, mixing and applying two coats of acrylic polymer modified La FibreFlex XL Elastomeric, cementitious fibre reinforced waterproof coating. The material consist of a cementitious powder component and liquid polymer component, recommended water shall be mixed and applied on RCC roof slab and taking the coating upto 150mm along the parapet wall. The rate is inclusive of material, scaffolding, labour, equipment hire charges etc, all complete	M^2
1f	Treated surface of La FibreFlex XL should be covered by cement concrete screed of minimum M20 grade with an average thickness of 75-100mm by giving proper slope using La Hi-Proof WL (Integral waterproofing Hydrophobic liquid admixture) at a dosage of 100 ml per bag of cement.	M^2