

BOQ

Item	Description	Unit	Rate
1.0	Recommended system for Concrete slab waterproofing NITOPROOF 600 Standard		
2.0	Bore Packing : to ensure better bond use Nitobond SBR as bonding agent over pipe and Internal side of concrete followed by providing and applying high strength non shrink grout Conbextra GPi for the gap around pipes for a thickness up to 25mm before treating the surface with NITOPROOF 600.	No	
3.0	Coving: Providing and Appling at the junction of slab and vertical offsets with Cement Mortar 1:4 and admixed with Nitobond SBR at dosage of 1L per 50 kg of Cement or as per site condition .	Rmt	
4.0	Treatment Cracks and Grouting: Identify cracks, crevices and honeycomb areas on slab surface & at junction of floor slab and walls and then chasing them open in the form of "V" groove and fixing PVC nozzles of 18 mm dia. Fill the "V "groove with Renderoc CS And grouting the same in cement slurry admixed with Cebex 100, expandable grout additive @ 225gms per bag of cement of 50 kg., to full saturation	No	
5.0	Surface Preparation: Surface to be free from frost, surface laitance and contamination free from loose aggregate or other sharp protrusions with fairly smooth finish for application of waterproof coating, application area shall be DRY. System: Providing and applying Nitoproof 600 Standard a single component pitch modified polyurethane at 1.3mm thickness cures by reaction with atmospheric moisture to give a tough elastomeric waterproof membrane, Nitoproof 600 is a medium viscosity grade (approximately 600 poise) and has a 620% of elongation, Extensibility after heat aging (min. requirement -extended to 6.4mm without cracking): No cracking or tearing, Service temperature (continuous ambient): -40°C to 70°C. It is supplied in a single grade to meet all site application methods and requirements. Shall be squeeze application for thickness of 1.3mm. Application and methods shall be as per the Instruction of Fosroc Specification.	Sqm	
6.0	Protection Layer(Horizontal) : Providing, batching, mixing, transporting through transit mixers, pumping and laying controlled Screed Concrete of M20 grade at all levels and heights specified below using ordinary Portland cement of grade 53 from approved manufacturer, river sand, 12mm and down size coarse aggregates, necessary admixtures approved by Consultants including all leads and lifts, pumping using line pump or boom placer, vibrating/ compaction, scaffolding wherever necessary, curing as directed at all heights and depths as instructed. Cost to include providing & mixing Graded fibrillated 100% virgin poly propylene fibres in concrete at the rate of 0.90 kg/cum as per manufacturers specifications, to smooth finish and impression marking 300 x 300 Square with 3 mm rod /thread-markings. Treatment to continue along the vertical surface for 300mm height in shape of round wata, curing etc. The concrete shall be laid in panels of not more than 200sqm and the joints shall be treated with elastomeric		NA



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	<p>sealants.M20 grade with broom finish and floor hardner at the top for medium traffic density with a minimum thickness of 50mm at drain points and a slope of 1:150.Cost to include necessary bonding agent / primer to be applied on RCC slab,cleaning and preparation of base slab,grouting of all outlets etc complete *Civil Contractor scope</p>		
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