

BOQ

Item	Description	Unit	Rate
01	<p>Surface Preparation Existing Substrate surface will be made clean, dry, smooth and free of contaminants such as grease, coal tar and oil based products remove without traces. All sharp edges, fins and rough surfaces that could damage the membrane will be removed.</p>		
02	<p>Bore Packing (Where ever required): For Over Flow Pipes Preparing the inside surface of core and PVC /MS Pipe by roughening using suitable Sand paper to get better adhesion prior to packing works. Cleaning the surface by wire brushing followed water jet to remove any laitance or loose flaky particles. Providing necessary formwork for packing the bore using suitable arrangement (depending upon site conditions). Applying a coat of styrene- butadiene based polymer coating using Nitobond SBR to enhance adhesion between the packing material and other surfaces. Packing the gap using non shrink cement polymer based grout using Conbextra GP2 the surface of the bore whilst the Nitobond SBR is in tacky state. Properties, Compressive strength at 3day as per BS 1881--24N/mm², Bond strength at 7 day -7N/mm², Complete as per manufacturer instructions. Providing sealant thioflex 600 or Nitoseal PU sealant at the junction of Pipe and Concrete at size 10mm x 10mm internal and external side of the pipe penetration.</p>	no	
03	<p>Coving (Where ever required): Providing and Applying at the junction of slab and vertical offsets with Cement Mortar 1:4 and admixed with Nitobond SBR at dosage of 1.0 L per 50kg cement where ever necessary</p>	rmt	
04	<p>Crack treatment & Grouting (Where ever required): Providing Chemical injection treatment in the form of pressure grouting to the cold joint /Construction joint /chase open all cracks by "V" groove filling the groove with Renderoc CS. followed by injecting cement slurry mixed with grout admixture Cebex 100 @ 225 gms.per bag of cement, in the required consistency through the pre fixed PVC nozzles in the 18 mm dia holes, fixing of PVC nozzles with Renderoc Plug and final cutting the projected nozzles and sealing off the PVC nozzles after the injection operation is over with Renderoc plug, nonshrink rapid setting mortar compound, finishing,</p>	no	



	curing etc. as per manufacturers specification and as directed		
05	<p>Geo fabric Separation layer Providing and applying protection layer of min 240 GSM Geo fabric membrane over existing Substrate area by anchoring method.</p> <p>Providing and laying / fixing TPO membrane of non-flammable waterproofing of Roof which shall be a 1.5mm thick loose laid membrane using Fosroc Proofex ORG membrane layers are overlapped to achieve a minimum weld of 50mm. Hot air welding can be either hand applied or by means of automatic machines and The roll's either ends are over lapped with 50mm are in staggered position the membrane which shall be laid over the layers of non-woven geotextile fiber. The separation layer provided to prevent the mechanical abrasion and cushioning between the Fosroc Proofex ORG membrane and the concrete substructure.</p>	sq m	
06	<p>Termination Bar Detail.The TPO membrane will be secured with a Proofex Metal strip on parapet wall used in conjunction with Fosroc sealant Nitoseal PU/Thioflex 600 between the membrane and Proofex Metal Strip.The termination bar / Proofex Metal strip must be installed directly into the wall width and mechanically fixed at c/c using appropriate fasteners. A bead of Sealant is applied along the top edge of the termination bar</p>	rmt	