



Waterproofing Of Underground Structures

Region	India
Type	Pressure water proofing (PVC Membrane) and Grouting
Main Contractor	Indian Army
Execution of the work	Renesco India Private Limited
Construction Period	2017– 2018

Project Description

Pressure waterproofing system has to be applied, using PVC membrane of 2.0 mm thick, on the underground structures and PU gel is for the grouting purpose to stop water ingress anywhere in the already built up structures

Scope of work

Supply and apply of following items to cover all the surface areas of the structures

- Supply of BRV plastic packers 12.0mmX150.0mm
- Supply of hydrophilic polyurethane gel with electrically driven pump
- Supply of 4.0mm thick high density polyethylene mesh as drainage/protection layer
- Supply of 2.0mm thick PVC-P waterproofing membrane
- Supply of 4.0mm thick welded wire mesh made up of mild steel
- Supply of 8.0mm down concrete of mix grade M35 with provision of spray upto 40.0mm thickness
- Supply of PVC anchors (it is a hard pvc shell with flange and welded with pvc waterproofing membrane for fixation of welded wire mesh in combination of pvc waterproofing membrane
- **System installed as per DVS 2212 guidelines by trained and certified PVC welders.**

