



- SPECIFICATIONS:**
- 1) Needle Punched and mechanically bonded non-woven Geotextile indigenously manufactured from high quality fibers on the prepared subgrade for Seperation 150 gsm
  - 2) Self Drilling hollow soil/rock anchor of outer dia of 32 mm and inner dia of 18.5mm, yield load carrying capacity of minimum 230 kN in soil /overburden /rock suitable for, drilling placing and cement grouting
  - 3) Gabion box for retaining structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012,MORTH Clause 2500, of required size, MeshType 10x12 (D=100 mm with tolerance of  $\pm 2\%$ ) Zinc + PVC coated, DT Mesh wire diameter 2.7/3.7 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm
  - 4) Self drilling Hollow soil / rock anchor of outer dia of 38 mm and Inner dia of 19 mm, Yield Load Carrying Capacity of Minimum 400 kN in soil / overburden /rock suitable for drilling placing and cement grouting. Installation with all acceses such as 76 mm dia drill bit, couplers, 8mm thick base plate and nut and bolt complete in all. respect.
  - 5) Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applyinga priming coat of approved steel primer all complete.

**\*Note :**  
1)As per site observations; the most critical section is 20m from OGL & **Average Inclination of slope = 70°**  
2) The given proposal in on site observations basis as suggested by an expert.

**NOTES:**  
ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED