1. Twelve concrete cylinders samples shall be made ,cured, stored and tested in accordance with BS 1881.Six cylinders shall be tested at 7 days and six cylinders shall be tested at 28days .

2.The slump shall be within the range of 50 to 100mm.

3.Water cement ratio shall not exceed 0.45

4.Mixing time shall be at least one minute after the last ingredient has been added to the mixer.

5.Minimum strength of cement for 3days compressive strength 13 N/mm2,tensile strength 1N/mm2, 7days compressive strength 20 N/mm2,tensile strength 2N/mm2 and 28 days compressive strength 28 N/mm2,tensile strength 2.5N/mm2

6.The Coarse aggregates shall be crushed stone chips 40mm downgraded.

7.The block will be used in slope/Bank protection work shall have 28 days cylinder strength of minimum 10.5N/mm2