

Group -1

Project Estimation:

SLOC =20,000 , Coefficient=2.4 , P=1.05 , T=0.38

Effort = PM = Coefficient<Effort Factor>*(SLOC/1000)^P

Effort = PM = 2.4 * (20,000/1,000)^1.05

= 55.76

Development time = DM = 2.50*(PM)^T

=>DM = 2.5 * (55.76)^0.38

= 11.53

Required number of people = ST = PM/DM

=55.76/11.53

= 4.84 = 5

Budgeting:

Total Working days=22*11.53

= 253.66 days = 254 days

= 254 *8 hour

= 2032 hour

Salary per hour: 500 Taka

Maintenance Cost per hour: 1000 Taka

Salary	10,16000/-
Requirement	1,00,000/-
Transportation	50,000/-
Maintenance [for 3 months]	5,28000/-
Utility	2,00,000/-
Training & Hardware	5,00,000/-
Profit [20%]	4,78,800/-
Total	28,72,800/-