**Constructive Cost Model:**

Project Type: Organic

Coefficient < Effort Factor >:2.4[P =1.05; T =0.38]

SLOC =8000 Lines

Person Months ,PM = (2.4 \* 8 ^1.05 ) =21.304

Dev Time, DM =(2.5 \* 21.304^0.38) = 7.994 = 8 Months = 1408 Working Hour

Required People , ST = PM/DM = 2.66 =3 People

**Budgeting:**

Developer Salary In 8 Months: Per Developer Salary Per Working Hour = 1000 Taka

Total Developer Salary = 1000 \* 1408 = **14,08,000 Taka**

Requirement Analysis:

Time Needed: 1 Month ( 22 Working Days = 176 Working Hour )

Requirement Analysis Person’s Hourly wage = 500 Taka

Total Requirement Analysis Expense = 500 \* 176 **= 88,000 Taka**

Transportation Cost Estimation: **20,000 Taka**

Training & Hardware Expenses Estimation: **2,00,000 Taka**

Rent Expenses:

Room Per Month = 20,000 Taka

Total In 8 Months **= 1,60,000 Taka**

Total Utilities in 8 Months: **30,000 Taka**

Maintenance ( Till 6 Months after Delivery):

Expense Per Hour = 2000 Taka

Total Estimated Time Needed for Maintenance = 60 Hours

Total Estimated Maintenance Expance = 60 \* 2000 = **1,20,000 Taka**

Total Estimated Expense : 14,08,000 +88,000 + 20,000 + 2,00,000 + 1,60,000 + 30,000 + 1,20,000 =**20,26,000**

Profit:

40% of Total Estimated Expense = **8,10,400 Taka**

Project Budget: **20,26,000** **+ 8,10,400** **= 28,36,400 Taka**