**COCOMO (Constructive Cost Model)**

|  |  |
| --- | --- |
| Project Type | : Organic |
| Coefficient<Effort Factor> | : 2.40 (P = 1.05, T = 0.38) |
| Source Lines of Code (SLOC) | : 7,500 Lines |
| Person Months (PM) | =  =  = 19.91 |
| Development Time (DM) | =  =  8 Months |
| Required People (ST) | = PM/DM = 2.56  3 People |

**Budget Estimation**

|  |  |
| --- | --- |
| Developers’ Salary in 8Months |  |
| Daily Wage | BDT1,500.00 |
| Monthly Wage | BDT 45,000.00 |
| Monthly Wage for Developers | BDT 135,000.00 |
| Salary for Developers | BDT 1,080,000.00 |
|  |  |
| Requirement Analysis |  |
| Time Needed (in days) | 15 |
| Daily Wage | BDT500.00 |
| Total Cost | BDT 7,500.00 |
|  |  |
| Transportation Cost | BDT10,000.00 |
|  |  |
| Training & H/W Expense Estimation | BDT100,000.00 |
|  |  |
| Total Utility Bill in 8Months |  |
| Monthly Utility Bill | BDT500.00 |
| Utility Bill | BDT4,000.00 |
|  |  |
| Office Supplies |  |
| Monthly Office Supplies | BDT2,000.00 |
| Office Supplies | BDT16,000.00 |
|  |  |
| Maintenance (Till 3 Months After Delivery) |  |
| Expense per Month | BDT10,000.00 |
| Total Estimated Maintenance Expense | BDT30,000.00 |
|  |  |
| Total Estimated Expense | BDT1,327,500.00 |
| Total Estimated Expense (15% Tax Added) | BDT1,526,625.00 |

**Profit**

25% of total estimated expense = BDT (1,327,500.00\*25%)  
 = BDT331,875.00

**Project Budget**

1,526,625.00 + 331,875.00 = BDT1,858,500.00