**Website for Deal/Offer**

**Effort Estimation and Budgeting:**

Effort = PM = Coefficient<Effort Factor> \* (SLOC/1000) ^ P [6200 SLOC/1000 = 6.2k SLOC]

=2.4 \* (6200/1000) ^1.05

=16.301

|  |  |  |  |
| --- | --- | --- | --- |
| Software Project Type | Coefficient <Effort Factor> | P | T |
| Organic | 2.4 | 1.05 | 0.38 |

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

=2.50 \* (16.301) ^ 0.38

=7.220

Required number of people =ST = PM/DM

=16.301/7.220

=2.257

**Budgeting :**

**Development Cost:**

Total working days = total days \* DM

= 22 \* 7.220

= 158.84 day

= 159 days

Working hour per day = 8

Total working hours = 159 \* 8

= 1272 hours

Total development cost = 1272 \* 800 [per hour salary 800]

= 1017600

**Maintenance Cost:**

Monthly 12 Hours (6 months and per hour salary 1200)

Cost = 12 x 6 x 1200

= 86,400

**Requirement Cost:**

Days = 15 working hour= 7 salary = 750

TotalCost = 7 x 15 x 750

= 78,750

|  |  |
| --- | --- |
| Development Cost | 10,17,600 |
| Requirement Cost | 78,750 |
| Travel Cost | 8,000 |
| Maintenance Cost | 86,400 |
| Training | 32,000 |
| Equipment | 1,00,000 |
| Utilities | 1,13,000 |
| Profit (20%) | 2,87,150 |
| Total | 17,22,900 |