MOBATTEND

BY TERATECH

CONSTRACTIVE COST MODEL

PROJECT TYPE: ORGANIC

ESTIMATED LINES OF CODE = 4522 EQUIVALENT TO = 4.5 kLOC

AVERAGE SALARY OF DEVELOPERS: GH¢ 1000.00

Basic COCOMO

Effort Applied = 3.2 x 4.51.05  [person-months]

= 15.5 person-months

Duration = 2.5 x 15.50.38 [months]

= 7.0 months

PRICE OF SOFTWARE = 15.5 x 1000 [GH¢]

= GH¢ 15,500.00

Intermediate COCOMO

Cost Driver

Required Software reliability 1.00

Size of application database 1.00

Complexity of product 0.85

Analyst capability 1.00

Software engineering Capability 0.91

Programing Language experience 1.07

Effort Adjustment Factor = 0.82

Effort Applied = 3.2 x 4.51.05 x 0.82 [person-months]

= 12.7 person-months

Price of Software = 12.7 x 1000

= GH¢ 12,700.00