Project Estimation:

Project type: Organic

Coefficient$_{\text{<Effort factor>}}$: 2.4

Source Line of Code (SLOC) =30,000 SLOC

Project Complexity (P) = 1.05

SLOC - Dependent Coefficient (T) =0.38

Person – Months needed for project (PM):

Coefficient $_{\text{<Effect factor>}}$ * (SLOC/1000) ^P

= 2.4 * (30,000/1000) ^1.05

= 2.4*(30) ^1.05

=85 Months

Development Time (DM):

2.50*(PM) ^T

= 2.50*(85) ^0.38

=14 months

= 2464Working Hours

Required number of people (ST) = PM/DM

$$= 85/14$$

$$= 7 \text{ People}$$