Level 1

DisasterGuard App

Level 2

1.1 Project Management
- Planning
- Cost & Schedule Management
- Scope Mangement
- Task Mangement
- Project Offic Adminstration
- Human Resources Management
- Space and Facilites Planning
- Rist Management
- Qulaity Management

1.2 System Engineering
- Technical Planning
- Technical Supervision
- Business requirements definition
- Business requirements definition
- Project Office Administration
- Human Resources Management
- System architecture & p-level design

1.3 Software

Software Design
- Software requirement specification
- software work package definition
- Business requirements definition
- Software Prototyping
- Software prototyping

Software Build
- Software Unit coding
- Software Unit debugging

Unit Testing
- Unit test Planning
- Unit Test case preparation
- Unit test conduct
- Unit test record

1.4 Deliverables Management
- Deliverables tracking
- Deliverables and production and packaging

1.5 System Test
- Functionality Testing
- System Integration Testing
- Acceptance Testing
- Hardware component testing

1.6 Support Services
- Configuration management
- Quality assurance
- Development of tools and activities
- Internal product management
- Team technical Training

1.7 Installation
- Installation Planning
- User Support Documentation
- User communication and tranning
- installation management and coordination
- Installation performance monitoring

Project Estimation

Project Type : Organic

Where,
P = 1.05
T = 0.38
Coefficient = 2.4
SLOC = 6000

Now,
PM = Coefficient <Effort Factor> * (SLOC / 1000) ^ P
   = 2.4 * (6000/1000) ^ 1.05
   = 15.75
DM = 2.50 * (15.75) ^ 0.38
    = 7.127 ≈ 7
Required number of people = ST = PM / DM = 15.75/7 = 2.25 ≈ 3