SOA Project Proposal from Excellent SOA Consulting

Cover Page

Project Title: A Feasibility Study of Implementing a Cost Effective SOA-Based Enterprise Automation System

Executive Summary
  • Purpose of the project, project time period development process, short description of the final deliverables, acknowledgement, a list of keywords

1. Problem Statement

2. Proposed Solution and Scope
  • Business strategy and SOA
  • Project roles and responsibilities
  • Cost and Benefits Analysis
  • Deliverable, Constraints, and Limits
  • Initial Risks Identification
  • Progress Reports and Frequency of Reporting
  • Final Report and Recommendations

3. Project Plan and Phases
  * Introduction
  * The incremental development model, the spiral model
  3.1 Analysis and Requirements
     3.1.1 Conduct Interviews
     3.1.2 Current Business Process
     3.1.3 Current Infrastructure Capability Analysis
     3.1.4 Services
     3.1.5 Requirements Analysis
     3.1.6 Requirements Specifications
  3.2 Review of Architectures and Standards
  3.3 SOA Infrastructure Design
  3.4 System Design
     3.4.1 High-Level System Design
     3.4.2 Service Modeling: UML Diagrams - use case, activity diagrams, sequence diagrams
     3.4.3 Selection of Integrated Development Environment: Tools, Programming languages
     3.4.4 Physical System Design - Determination of SOA Framework
     3.4.5 Services Design
     3.4.6 Messaging
     3.4.7 Low-Level Design
3.5 Development of SOA Services
3.6 SOA Service Module Testing
3.7 System Integration and Testing
3.8 Customer Testing

4. Project Schedule
4.1 Work Breakdown Structure, Milestones (what - tasks and/or activities; who, when – begin, end, duration)
4.2 Tasks Dependencies (Network Diagrams)

5. Estimated Project Cost and Required Resources
   - Direct labor: personnel hours and cost, equipment, and others
   - Subcontract tasks
   - Hardware/software/telecommunications
   - Travel
   - Support services
   - Consultancy support
   - Contingency

6. Qualifications of the Project Consulting Team

** A transmittal or covering letter

   - Pay attentions to content, structure, grammar, typos and spelling mistakes
   - Determine the Basis of Decision (the set of rules or criteria the customer will use to decide which of a number of competing proposal is the best)
   - Determine the Unique Selling Point (the sets of elements that we think makes our solution more appealing than anything our rivals can consider)
   - Know your proposal reader if possible
   - Proposal Strategy
     - Cost
       - Price
       - ROI
       - Saving (in terms of money, time, resources, etc.)
     - Technical:
       - Innovative or advanced technology
       - Superior specifications of chosen software/hardware
       - Good fit of packaged solution
       - Flexibility, performance, reliability, expandability, agility, etc
       - Experience and skills of technical staffs
     - Quality
       - Well-defined quality procedures
       - Reputation for quality
- Measurable and visible control over development processes
- Experience and skills of project management staff
- Credibility
  - Financial strength
  - Company size, reputation and philosophy
  - Experience with similar projects or customers
  - Quality of line management