

PROJECT STRUCTURE OUTLINE

1.0 SYSTEM ENGINEERING

- 1.1 Literature & Vendor Survey
- 1.2 Functional Requirements Description
- 1.3 Design Requirements Document
- 1.4 Work Breakdown Structure

2.0 PRELIMINARY DESIGN

- 2.1 Conceptual Design
- 2.2 System/Component Analysis of risk elements
- 2.3 Preliminary concept Drawings
- 2.4 Preliminary Design Review documents**

3.0 DETAILED DESIGN

- 3.1 Final Design
- 3.2 Critical Design Review documents**
- 3.3 Mechanical Engineering Drawings

4.0 MANUFACTURING/FABRICATRION

- 4.1 CAD/CAM

5.0 INTEGRATION & TEST

- 5.1 System Integration requirements
- 5.2 System & Sub-system test
- 5.3 Test Plan/ Procedure document
- 5.4 Test Report

6.0 FIELD TEST

- 6.1 Field Test requirements
- 6.2 Field Test Report

7.0 DOCUMENTATION & TRAINING

- 7.1 Operation & Maintenance Manual
- 7.2 As-Built drawing Package