



**Project Work Breakdown Structure:-**

**A1) Contract Conditions :-**

- Insurances
- Warranties
- Bonds
- Procedures/Notices/Sign Offs

**B1) Preliminaries & Enabling Works :-**

- Staff
- Site Surveys
- Site Accommodation/Welfare
- Temp' site roads/services/etc
- Site Security

**C1) Design & Engineering :-**

- Scope & Brief Development
- Planning & Stat' Permissions
- Procurement Design
- Design Management
- Primary Design
- Civil Design
- Mechanical/Electrical Design
- Secondary Design
- As-Builts and O&M's

**D1) Procurement :-**

- Pre-Tender Enquiries
- Prep/Issue/Recieve/Recommend Tenders
- Appointments and Place Orders

**E1) Construction :-**

- Platforms Including
  - Bulk Excavation
  - Drainage
  - Rolling & Grading
- Buildings Sub-Structures
- Building Superstructures
- External Civil Works Including
  - Foundations
  - Culverts/Conc' Trenches
  - Plastic/concrete ducts
  - Permanent Fences
  - Steelwork and Gantries
- Electrical Works
- Mechanical Works
- Controls (i.e. Scada/etc)

**F1) Commissioning & Handover :-**

- Pre-Construction QA (Checks)
- Construction stage QA (Checks)
- Tests on completion
- Inspections and sign offs
- Pre-Commissioning
- Full Commissioning