

Decommissioning liability estimating



Independent decommissioning liability estimates for high hazard industry.

ABB provide independent liability estimates for the demolition, asset recovery, scrap metal recovery and land remediation of process plants and equipment, across many industry sectors including oil & gas, chemicals, power, pharmaceuticals, metals and heavy engineering. Decommissioning liability estimates must be kept up to date, ensuring the current balance sheet reflects true and accurate liability.

ABB can provide independent, impartial estimates to allow organisations to gain internal funding based on accurate information and manage cash flow forecasting for future projects. ABB provide full project estimates for organisations detailing costs of decommissioning, enabling work, isolation, demolition and land remediation. We understand the methods required for the safe demolition or dismantling of structures and buildings, and can determine the typical resources and timescales that should be applied to the programme to allow for safe delivery.

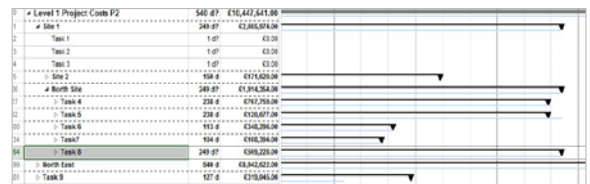
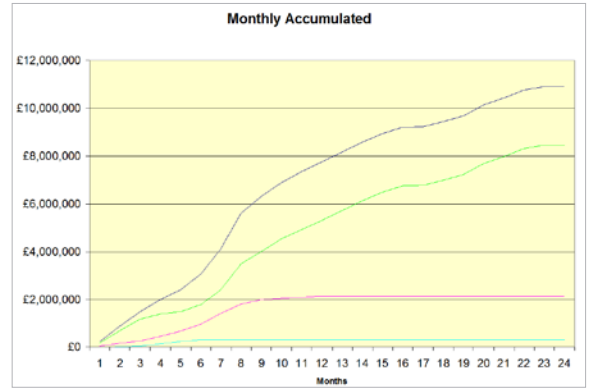
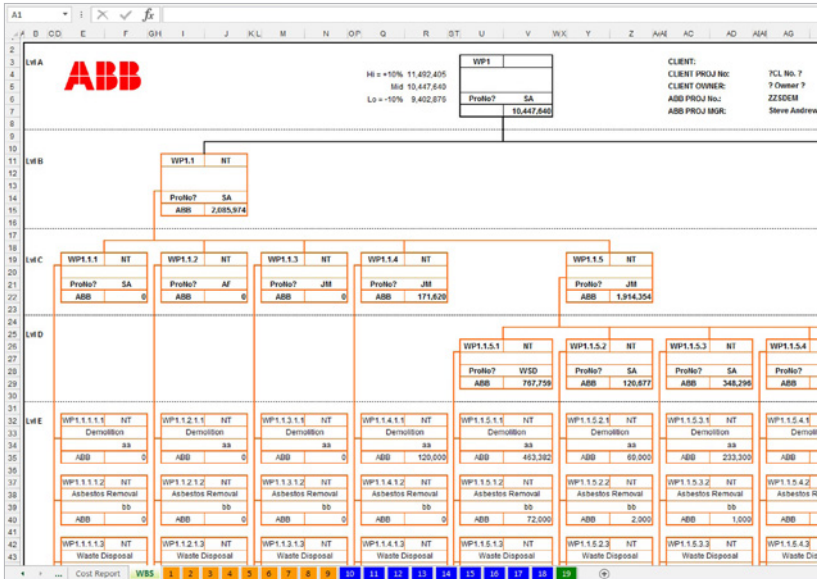
The development of an independent estimate is also important when reviewing demolition tender returns to help ascertain value for money and identify any potential commercial risks. The estimate is also a key tool when challenging demolition companies during tender negotiations.

What ABB offer

ABB produce bespoke detailed estimates based on the client's requirements and the level of accuracy required. Estimates typically include costs for:

- Work breakdown structure (Fig 01)
- De-inventory
- Decommissioning
- Enabling work, re-route of plant and equipment
- Isolations
- Asbestos / insulation removal
- Waste disposal
- Demolition
- Land remediation
- Credits / payments for re-use of plant and equipment / recoverable scrap metal
- Project management
- Risk register

As part of this service a detailed programme showing typical resources and timescale for undertaking the project including identification of any key milestones.



Above: Figure 1 - detailed work breakdown structure.

Above right: Figure 2 - cash flow forecast.

Right: Figure 3 - detailed programme showing timescales and costs.

Benefits

By undertaking a decommissioning liability estimate the benefits include:

- An independent estimate which is important to help ascertain value for money and identify any potential commercial risks
- Providing full project estimates, allows for budgeting and accurate forecasting
- Risk Register - reducing the risk of surprises and unforeseen events making the project safer
- Increases potential to reduce project costs and maximise economic benefits

Why ABB?

ABB estimating services is undertaken by in-house demolition industry professionals, who have worked for some of the largest specialist demolition contractors in the world. With over 100 years combined experience in estimating and managing complex demolition projects, including working in live plant environments.

ABB use knowledge and experience of decommissioning and demolition to produce a Decommissioning Liabilities Estimate that:

- Take into account site specific characteristics that would impact on the technologies / methodologies that could be used
- Identify processes to safely and efficiently decontaminate and isolate the facility in preparation for demolition
- Compile with all current regulations covering the decontamination, demolition and waste management of site structures and plant
- Develop a plan of the requirements and costs including anticipated labour, plant / machinery and waste disposal costs