

CHAPTER 9 ECONOMIC EVALUATION

Consider the advantages and disadvantages of each type of air stripper, along with capital costs, installation costs, and long term O&M, when the stripping system is designed (Ball et al., 1984). *Remedial Action Cost Engineering and Requirements System* (RACER, Paragraph A-5) software can be used to compare costs. RACER is an integrated, PC-based cost engineering software package developed and maintained by Talesman Partners. Costs for treating off-gas and fouling are major factors in the economic evaluation. Architectural restrictions may require a low profile air stripper or multiple strippers in series, even if a single packed tower stripper would, otherwise, be more cost effective. See Figure 9-1 for the cost model.

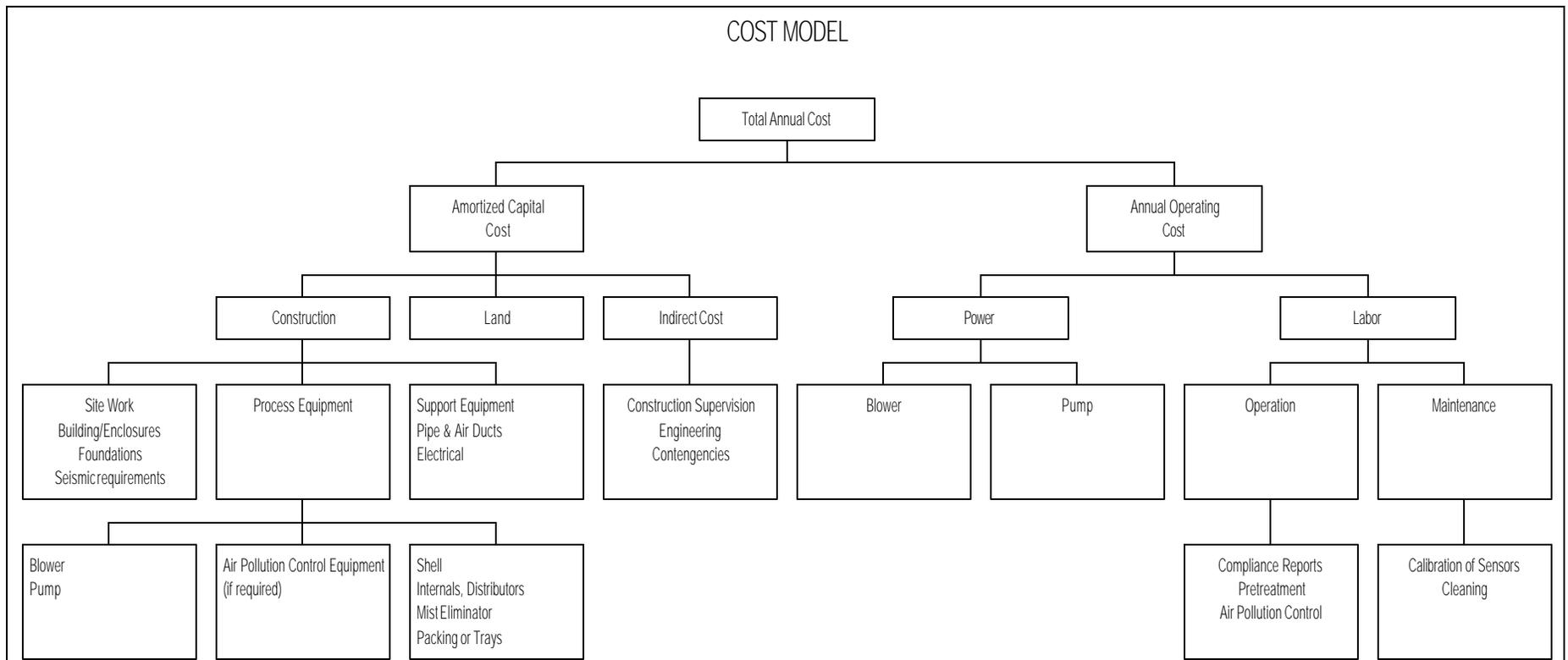


Figure 9-1. Cost model.