

Appendix Four – Cwm Big Cost Breakdown

Following receipt of budget quotes the budget costs for the Cwm Big scheme is as follows:

	Lower estimate	Upper estimate
Detailed design & tender pack	£15,000	£30,000
Project management & site supervision	£15,000	£25,000
Turbine, generator & control	£30,000	£50,000
Pipeline materials	£20,000	£40,000
Civil works	£40,000	£100,000
Grid connection	£20,000	£100,000
Commissioning	£5,000	£5,000
Total budget cost (exc. VAT)	£150,000	£350,000

Operational Costs

Operating costs have been taken as a nominal 20% of revenue – actual costs will vary depending on site specific variables as well as Council protocols for infrastructure management.

The proposed scheme would have a design life of around 40 – 50 years with electro-mechanical refurbishment every 15 – 20 years.

Grid Connection – WPD budget estimate

WPD reference	3985868	3985883
Connection	25kVA 3-phase 400V	30kW 3-phase 400V
Description of works	WPD to excavate & lay 11kV cable, establish PMT with connection for 25kVA	WPD to install a 11kV cable & PMT with a 30kW connection
Contestable works	£95,995	£95,995
Non-contestable works	£4,524	£4,524
VAT at 20%	£20,104	£20,104
Total	£120,623	£120,623