



+ Creative engineering

Contractors' alternative
design solutions –
non-compliant bids

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Waldeck have a proven track record that whoever gets them first wins the tender.

How you may ask?

Much client procurement on major projects in recent years has moved towards 'design and build' contracts which, through the novation process, often imposes both design and engineer on contractors. This can sometimes restrict their options, ability and ingenuity to find alternative and more appropriate ways forward. We help contractors undertake alternative design assessments at tender stage. We provide technical expertise to audit documents and, wherever viable, assist in developing another design solution which can be submitted as an alternative bid alongside the compliant submission.





In our experience there are significant commercial opportunities to be found in:

- Ground investigation content
- Re-use of construction waste
- Ground modelling for 'cut and fill' and proposed site levels
- Sub-structures – foundations and floors
- Drainage, particularly attenuation schemes and the integration of SUDS drainage solutions
- Superstructure solutions, incorporating MMC and specialist materials

We are able to explore the opportunities above based on investments we have made in our company:

- Experienced engineers who have been contractors and developers in previous lives
- Highly qualified and experienced designers using state-of-the-art software and modelling techniques to calculate the impacts and implications of design options

- 3D ground modelling programmes to enable quick and efficient reviews of external levels
- 3D drainage modelling software to assess multiple drainage and attenuation solutions
- Finite element analysis software to produce economic designs
- Experienced civil engineers with broad experience in foundation and ground remediation

We combine engineering excellence and build ability with strong commercial acumen which will win our clients their next project.

waldeck-engineering.com

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