



**EMMANUEL CONSULTING
ENGINEERS**

OUR PROFILE



ABOUT US

Emmanuel Consulting Engineers was formed in January 2016, by James Emmanuel. James has been practising as a consulting engineer, in the field of built environment engineering, since completing his degree at the University of Cape Town in 1998.

Emmanuel Consulting Engineers (ECE) is a multidisciplinary firm, which, led by James, makes use of a pool of highly skilled and experienced engineers, who currently operate as individual practitioners. ECE's strength lies in the combined experience of the team that is available to work on projects.

ECE does not sell anything except time, expertise and experience so that you can be sure you are receiving impartial and professional advice, resulting in the right solution for your project.

OUR PROMISE

Achievable sustainable designs, implemented using clear strategic thinking, and pragmatic, practical solutions, that both work and are understood by clients.

We believe this approach ensures that there is the correct client buy-in and, whether the project is a building or an infrastructure design, through its life span, it performs and functions as it was intended to.

OUR SERVICE

ECE will manage the best and most experienced practitioners as a cohesive team, with common standards, specifications, drawing production and quality systems to yield the best solution for your project.

Our range of expertise covers solutions for the following disciplines:

- Electrical
- Mechanical and Wet Services
- Civil
- Structural
- Environmental

The way in which projects are approved, financed, packaged and undertaken is changing, with less demand for the full traditional consulting engineering role, and a developing need to provide clients with a professional engineer, only for those aspects of the project that require it.



This role, as a Client Technical Advisor (CTA), covers multiple opportunities for independent professional advice, such as:

- Acting as a client’s representative to ensure that employer requirements are met.
- The review of design calculations and drawings, tender analysis, site inspection duties, commissioning management and cost control.
- Where clients opt to use design and build contracts we can provide detailed performance specifications based on standard formats.
- Cost certainty on projects is of primary importance to all clients. Using our experience, costs are assessed at each stage of the project and can be applied to the electrical systems, mechanical systems or the entire build costs.
- We can also identify areas where costs can be driven down and ensure that they represent best value for our clients throughout the contracts and at final account stage.
- In today’s competitive market, contractors or suppliers often offer alternative solutions that require in depth analysis to assess their benefits.
- Independent reviews on existing projects, at any stage.

ECE also offers the traditional consultancy services, covering the full range of project stages, such as:

- Surveys and reports
- Conceptual and preliminary engineering design
- Detailed engineering design, tender documentation and drawings
- Construction administration and detailed drawings

OUR PROJECTS

Emmanuel Consulting Engineers has only just started out, but we have already secured some exciting work:

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|---------------------|------|--|
| Stanbic Bank | 2016 | Solar Hybrid study and modelling |
| Old Mutual | 2016 | New Eastgate Market |
| National Foods | 2016 | 7 MVA of backup power & new infrastructure |
| Nyangani Renewables | 2016 | Grid Impact for Hydro |
| St Georges | 2016 | Library Ventilation & Solar Shielding |
| Electrosales | 2017 | Scheme design for new retail outlet |
| NOIC | 2017 | infrastructure for new ethanol storage |
| Tribac | 2017 | New tobacco storage warehouse |
| Borrowdale Brooke | 2017 | Flood mitigation & dam rehabilitation |

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