

BUILT ENVIRONMENT PROFESSIONAL SERVICES

Samex Consulting has vast experience in the Built Environment, having being involved in Schools, Libraries, Clinics.,etc. Our expertise allow the company to handle any type of project with dedication and excellence it deserves.

We have a team of registered professionals in the following disciplines:

- Architecture (SACAP)
- Quantity Surveying (Pr QS)
- Civil and Structural Engineering (Pr Eng)
- Electrical and Mechanical Engineering (Pr Eng)
- Project and Construction Management (Pr. CPM)
- Extended Public Works Programme Management (NQF 7)

We also have a team is registered candidate's who work closely with registered professionals, with the aim that they gain experience towards their Professional registrations.

We also assist client with their candidate's to gain experience towards their professional registration at no cost to client.



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Architecture (SACAP)

Samex has experience in architectural services with our professionals registered with SACAP (South African Council for Architectural Professionals) and SAIA (South African Institute of Architects)

We offer full Architectural Services from stage 1 - 6

Stage 1 - Inception

Stage 2 - Concept and Viability

Stage 3 - Design Development

Stage 4 - Documentation and Procurement

Stage 5 - Construction

Stage 6 - Close Out

We have invested in latest architectural technology, we currently offer 3D designs with Virtual Reality of all designs.

We are also investing in Building Information Modelling that is a collaborative process that allows multiple stakeholders (architecture, engineering, construction) professionals to collaborate on the planning, design, and construction of a building within one 3D model. It can also span into the operation and management of buildings using data that owners have access to

As member of the Green Building Council South Africa, our designs are inline with industry standard and environmentally friendly.

The designs are also done in discussion with other professionals to ensure that Buildings are Energy and Water Efficient.



Quantity Surveying

Samex Consulting has experienced Professional Registered Quantity Surveyors (Pr QS) who assist clients to make informed decisions regarding cost efficiency of the construction project listed below:

- Inception of Project and Cost Analysis
- Estimating & Cost Planning
- Feasibilities studies
- Time and cost management
- Contract documentation, Contract administration and management,
- Tendering and adjudication
- Report preparation and presentation
- Project Management and Coordination
- Final Account & Close out Reports

Project and Construction Management

SAMEX Consulting offers a range of project and program management services that ensure that projects remain on course and on schedule.

Our professionals are registered Professional Construction Members that provide clients with professional and dedicated assistance throughout the project and to ensure completion on time and within budget through;

Project Management and Coordination

- Time and cost management
- Issue, change and Risk management
- Project Document management
- Inter-project dependencies
- Project Planning and programming
- Communication Management.
- Integration with schedules
- Capacity and resource Planning
- Project Portfolio Viewer
- Close out Reports



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Civil and Structural Engineering

We aim to deliver sustainable, economical Civil and Structural Engineering solutions that meet and exceed the needs and expectations of our clients.

Our engineers are ECSA registered Professional Engineers with great expertise in following:

- Conceptual and detailed project design
- Contract documentation, Contract administration and management,
- Tendering and adjudication
- Report preparation and presentation
- Quality control and monitoring
- Project management, (Supervision, engineering and Project financial control).

SAMEX offers a range of Civil & Structural Engineering Services, combining a high level of experience with flexibility to offer total solutions.

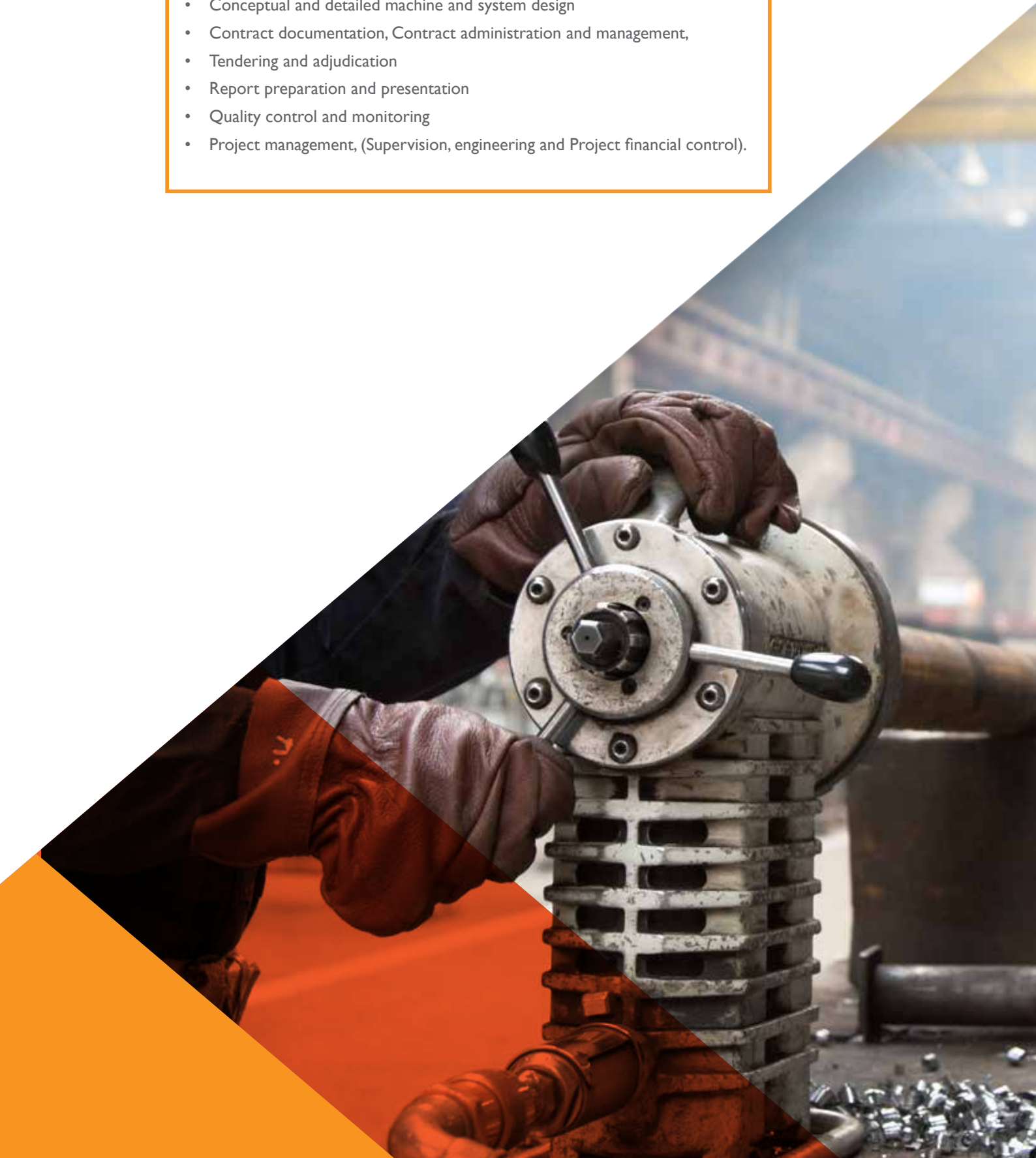
The range of Civil and Structural Engineering services includes;

- Buildings
- Roads & stormwater
- Bridge Engineering
- Water & Sanitation

Electrical and Mechanical Works

Our engineers are ECSA registered Professional Engineers with great expertise in following:

- Conceptual and detailed project design
- Conceptual and detailed machine and system design
- Contract documentation, Contract administration and management,
- Tendering and adjudication
- Report preparation and presentation
- Quality control and monitoring
- Project management, (Supervision, engineering and Project financial control).



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Expanded Public Works Programme (EPWP)

The government has resolved that all infrastructures must be carried out using the labour intensity Strategy Framework Manual within the context of Expanded Public Works Programme (EPWP). The proposed projects forms part of a deliberately designed interventionist Expanded Public Works Programme geared towards addressing, in a sustainable manner, specific developmental problems taking into account the specific prevailing conditions of the provinces or municipalities characterized by:

- Enhance the living condition of the city inhabitants,
- Identification of business opportunities that will be revealed and shared with programme participants (either at an entry level or advanced level), depending on the scope of work in various sectors with a view to guide them towards a career path and/or business avenues as emerging enterprises.
- Enhance the ability of workers to earn an income, either through the labour market or through entrepreneurial activities

Offer unemployed people work experience. Provide education, on-the-job training and skills development programmes to the workers.

The proposed development has been design in such a way that, in addition to being functional, safe and providing an aesthetically pleasing, interesting and comfortable environment, it maximizes the use of an appropriate mix of people and machinery with a preference for labour where technically and economically feasible without compromising the quality of the product. Opportunities for increasing labour intensity on projects will be discussed, but these should not be regarded as the only spheres of possibility for increasing labour engagement in projects.

