The name Sirocon was derived from the word - ‘Sirocco’, which means a stormy-wind blowing from the south in a northerly direction.

Sirocon International (Pty) Ltd. was founded in 2012, by a group of individuals passionate about providing the highest level of service to ensure Client satisfaction.

We are a Level 2 B-BBEE contributor, 100% South African owned with majority black ownership. We are also ISO9001:2008 certified, ensuring the highest quality product and services at all times.

Sirocon’s core business offering is Multi-Disciplinary Engineering Services along with Project Management within the built environment. What makes us unique is that we also offer a one-stop service, focusing on “Turnkey: Design- & Construct Projects”. Clients are offered an all-inclusive package, including the full spectrum of professional and construction services across project life-cycle; initiation, planning, execution/construction and close-out.

Professional Services, Consulting Engineering and Project Management, are provided by registered Consulting Engineers and Construction Project Managers respectively. We also have long-standing affiliations with a selection of Specialist Consultants and Contractors to support our service delivery, where required.
Consulting Engineering
Infrastructure Engineering

Services for Industrial, Commercial and Residential Developments, including Golf Estates, Eco Estates and Leisure Resorts.

This includes the detailed design of road, water, sewer and stormwater networks. Electrical, mechanical and data network design by affiliated Specialist.
Design and Detailing: Reinforced concrete structures, pre-stressed and post-tensioned concrete structures, structural steel, including heavy and lightweight steel structures, masonry and timber structures.
Consulting Engineering
Roads and Stormwater Engineering

Planning and Design of National and Provincial roads, urban streets, as well as mining haul roads.

Hydrology and hydraulic calculations for defined and undefined watercourses. Design of surface and sub-surface stormwater system. Design of major bridge structures by Specialist affiliates.
Consulting Engineering
Water and Waste-Water Treatment Engineering

Planning and Design of small, medium and large WTW and WWTW. Process design by affiliated Specialist.
Planning and Design of airport infrastructure, ranging from airside infrastructure including runway, taxiway and apron designs in terms of ICAO Annexe 14 recommendations, to landside infrastructure, which includes passenger movement needs analysis to vehicle movement, parking areas etc.
Above-ground mining infrastructure design to support new and upgraded mining and processing plants. Typical services include earthworks, stormwater management, de-silting, water supply, effluent run-off management, haul roads and ROM tip areas.
We provide Contract Administration and Construction Supervision Services, following our in-house site management system, aligned with ISO 9001 principles. This ensures that works are executed in full compliance with the technical specifications and that a traceable quality assurance record is maintained.

Contracts used include: GCC, NEC3: Suite of Contracts, FIDIC: Suite of Contracts and JBCC.
Construction Project Management

- Project initiation and briefing
- Finalization of the project concept and feasibility
- Manage, co-ordinate and Integrate the detail design development process within the project scope, time, cost and quality parameters
- Establishing and implementing procurement strategies and procedures, including the preparation of necessary documentation for effective and timeous execution of the project
- Management and administration of the construction contracts and processes, including the preparation and co-ordination of the necessary documentation to facilitate effective execution of the works
- Managing and administering the project closeout, including preparation and co-ordination of the necessary documentation to facilitate the effective operation of the project.
Turnkey Service (Design and Construct)

What makes Sirocon unique is the ‘one-stop service’ offering, whereby a project is taken from conceptual stage through to completion stage. This is also referred to as an EPCM Contract (Engineering, Procurement, Construction and Management). We are affiliated with a number of Specialist Contractors, Sub-Contractors, Consultants and Service Providers, who all form part of the EPCM Project Team.

The Client however, only has one point of contact namely, Sirocon, who are appointed as the ‘Main Contractor’ and are contractually responsible for the successful completion of the project. The Contract usually stipulates a fixed price or pre-determined pricing structure for the project to be delivered as an all-inclusive package.
**Turnkey Service (Design and Construct)**

Services on offer include the full spectrum of Professional and Construction Services, including but not limited to:

- Tender offering based on Client’s Specifications
- Assisting with Sourcing Suitable Land
- EIA/EMP studies – by affiliated Specialist (only if required)
- Liaison with LA (Local Authority) for necessary Permissions/Approvals
- Traffic Impact Assessment Studies – by affiliated Specialist
- Geotechnical Investigations – by affiliated Specialist
- Detailed Surveys: Engineering, Topographical, Lidar and Scanning – by affiliated Specialist
- Conceptual and Detailed Architectural Design, including 3-D Design
- Detailed Engineering Design (Civil, Structural, Electrical, Mechanical, Data)
- Value Engineering
- Landscaping Design – by affiliated Specialist
- Plan Submission to LA
- Liaison with LA to fast-track Plan Approval Process
- Wayleave Applications
- Construction
- Construction Project Management and Status Reporting
- Occupational Health and Safety Compliance and Auditing – by affiliated Specialist
- Occupancy Certificates from LA
- Preparation and Submission of As-Built Drawings and Documentation
- O & M Training for installed systems
- O & M manuals
Turnkey Service (Design and Construct)

Our Flagship Turnkey Project to date is the GRI Wind Tower Manufacturing Facility in Atlantis. Our Client was a Spanish Company - Gestamp Renewable Industries. The project was completed in a time-frame of only 9 months, from conceptual design until practical completion.
“Siroccon International was appointed for the design and construction our Steel Wind Tower Manufacturing Facility in Atlantis. We hereby acknowledge that we are extremely satisfied with the services offered and that the finished product is of a high standard...

...It was a pleasure working with this innovative company and we can definitely recommend them to any of their potential Clients.” – GRI Plant Manager
• Consulting Engineers South Africa (CESA): Member No. 1054
• B-BBEE: Level 2
• ISO 9001:2008
• PI Insurance – Leppard Underwriting (Lombard Insurance Company Ltd)
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