



Project Management and Engineering Capability Profile

Global Engineering Solutions

A member of



Bosch Projects is a leading multi-disciplinary industrial and infrastructure consulting engineering and project management company providing value added packaged solutions for Clients in the public and private sectors.

As a strategic growth initiative in late 2016, the company was restructured by consolidating the infrastructure and industrial operating companies within Bosch Holdings (originally founded in 1961) into a single company offering more integrated professional services.

Bosch Projects operates from regional offices across South Africa and from our international offices in Kenya and Brazil, focusing on assignments within South Africa, Africa and on other continents.

Our company has a proud record of serving both public and private sector Clients in terms of technical excellence, and has received recognised product export and project excellence awards including SASTA, CESA, SAICE and IMESA utilising our ISO-certified Quality Management System. We have also successfully completed projects in more than 45 countries.

Project Management Capabilities

Bosch Projects has a wide range of experience in providing Project Management services in all of the business sectors that the company operates. These can be delivered either as a combination with our other engineering disciplines or standalone. We are very conversant with both EPCM or EPC contracts.

Our project management systems are based on the PMBOK framework and aim to ensure our client's project objectives are met in terms of safety, scope, quality, cost and time parameters. Whether the project is large, complex or multidisciplinary, we will strive to add the value required to ensure a successful project.

We can provide the following services to clients:

- Project management
- Programme management - management of multiple linked projects for benefits realisation
- Procurement and contract services (strategy and contract administration in all forms of contract)
- Risk management
- Quality assurance
- Project control including cost and schedule management
- Construction management

Engineering Capabilities

Bosch Projects utilises state-of-the-art technology / software engineering packages for all of our engineering designs including process, mechanical, electrical, instrumentation and control, hydraulics, structural, civil and road pavements etc.

We also utilise Building Information Modelling (BIM) processes, to ensure that our engineering projects are implemented intelligently, accurately and efficiently. As part of this process we use in-house 3D laser scanning technology to survey complex structures, piping, equipment, buildings, bridges and tunnels providing fast and accurate as-built data of existing facilities. This information is used as a basis for the development of an intelligent 3D model which integrates the engineering information and deliverables of all engineering disciplines into one, single environment. This intelligent model interfaces with time and cost management tools to add 4D and 5D BIM processes into the package of services which we can offer. All of this brings value to our clients by minimizing errors and reducing engineering time during the design phase, minimizing wastage and time during the construction phase and preserving information for the owner or operator after project handover.



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