

End-to-End Project Support Project Management Organization (PMO / EPCM)

Avitus GmbH – Tuchlauben 7a – 1010 Vienna Global Engineering Services Departement



### **About Us**

Avitus is a Global Engineering Services (GES) company within an included boutique consultancy department that prides itself on collaborating with our clients to deliver a right-scale solution to service your business requirements.

As GES we offer a full capability deployable Project Management Organization who are experienced as working as an integrated team in the delivery of capital projects.

Our team have decades of top-level leadership experience and a deep knowledge of all stages of project delivery from Ideation to Operations.





## **History**

From initial concept to project completion, we have been helping clients to build their businesses as part of an international network for more than twenty years.

We have earned a reputation as a strong partner in our field and are continually evolving our offer to best meet our clients' needs.

Avitus is the local partner for clients in the DACH region. With staff located across Europe and Middle East, our reach is truly global focused.

We have delivered projects in over 10 countries and are always exploring new areas of opportunity.

# Global Engineering Services





Full Service Project Management Provider

Design to Excecution

Design Development & Management, Value Engineering (Basic to Detail), Architecture, Process, Automation, Electrical, HVAC, BIM Modelling, GMP SME Support, URS Specifications This includes Estimating, Planning, Cost / Performance / Risk / Change & Contract Management, Document Control and Procurement Support (Tender Process including Contract and Claim Management). EPCM and OEM process supplier management which includes a Risk based qualification and validation capabilities, Post SAT & FAT services with a complete facility and process handover to site team.

#### Project Management

#### Design

#### **Project Controls**

As an GES Partner we provide an One-Stop-Model which includes full responsibility in client needs and Capital Management Expectations. From Design to Execution we control the Project in a client organization within our own teams.

#### C&Q Services

We ensure a clear Execution Phase which includes Delivery Task Control, ensure Construction quality and drive all the HSE standards by an own safety team. Our experts take over process, architecture, engineering, automation and all technical disciplines.

Construction

### Core Expertise / End-to-End PMO Partner



## **EPCM / EPC Partner – GES Services**

## **PROJECT MANAGEMENT**

#### **One-Stop-Shop**

Oversees and owns the management of Client capital investment from Project Ideation through to Facility Management handover via a bespoke' Project Swimlane through the 'Stage Gates' to ensure LEAN Project delivery

#### **Client Needs**

Driving and ensuring Client business needs relating to technology transfer, manufacturing, laboratory or office capacity, infrastructure or compliance requirements drive capital investment decisions.

#### **Capital Management**

Directly manage the activities required to develop the Project scope, to complete the design, and to construct and demonstrate the asset whilst ensuring that the Project Team is aligned.

## **Project Controls (1)**

#### Estimating

Estimating services from ideation phase through to project approval, benchmarking, norms, growth and contingency guidance, cost and schedule risk analysis and workshops.

#### Scheduling

Strategic planning, scenario planning and options, establish work breakdown structure. Creation of logic linked resource loaded baseline schedule with critical path analysis. Implement progress measurement.

#### **Cost Controlling**

Create and implement regular cost reports comprising budget / change management, value of work done, commitment management and cost forecasting. Provide analytics and insights on cost trends.

## **Project Controls (2)**

#### **Performance Management**

Create and implement fit for purpose Performance Management / reporting.

Using functional performance metrics, right tools, key performance indicators

#### **Document Control**

Develop and implement right-scale document management to support the business, including Document library, workflow approvals and controlled documents.

### Design Management

#### **Design Feasibility**

Multi-disciplinary skillset and diverse industry experience allowing for a pragmatic and practical assessment of existing facilities for refurbishment, new product introduction.

#### **Design Development**

Transforming initial concept into a fully realized facility with a focus on stakeholder requirements, quality, safety, regulatory and environmental expectations.

#### **Design Management**

Project execution to allow efficient delivery from design through installation, C&Q and onto Client handover integrating industry best practice (e.g., ISPE, GAMP, ASME-BPE).

## Design Management / Engineering

#### **Breadth Through**

SME, quality and team leadership experience across of wide range of GMP systems and equipment gained in roles from OEM, EPCM contractor, consultancy and Client representation.

#### Safety

Ability to identify key safety challenges, perform Safety Reviews, HAZOP, functional safety assessment and ATEX/DSEAR studies.

#### **Quality by Design**

Quality system and change management are integrated into our design and execution approach.

### **Automation Services**

#### Life Cycle

From Design to loop checks through to qualification. Save key time at each stage of the lifecycle through smart management and work practices.

#### **Data Integrity**

Adherence to the best industry practices to ensure Data Integrity in your systems. Full compliance with 21 CFR Part 11 and EudraLex Vol. 4 Annex 11.

#### **Network Integration**

Integrate your equipment with your existing or new shop floor and time servers. Facilitation of Alarm Log and Audit trail transfers securely and compliant with regulations.

### **Automation Services**

#### **DCS** Design

Design and manage the development of your DeltaV systems and integrate your PLC based equipment through to qualification and beyond.

#### EMS / BMS / HVAC

Design and Qualification of both new and modified GxP and non-GxP process monitoring systems and HVAC systems.

### **Procurement Services**

#### **Pre-Contract Service**

Pre contract procurement services – Contracting strategy, tender prequalification, contract form selection and modification, tender analysis and negotiation.

#### **Post Contract**

Post contract administration, evaluation and administration of variations / change, site Quantity surveying and measurement ,mitigation of value leakage.

#### Claims

Claims mitigationnegotiation, analysis and rebuttal.

### **Construction Management**

#### Delivery Management

Provide oversight of the entire project delivery, create executable construction schedule, resource management, task readiness with schedule and cost tracking. Contractor assurance and supervision.

#### Quality

Drive delivery quality throughout the project utilizing quality assurance, validation and verification.

#### HSE / Safety

Act as "responsible person" create HSE plan, drive HSE delivery, performance management of HSE.

# Commissioning / CQV Management (1)

#### **Risk-based Qualification**

Defined project key quality and process needs into the user requirement (URS) and functional specifications (FS). Effective DQ where compliance of the design requirements with GMP is demonstrated and documented, as mandated in the EU GMP Annex 15.

#### **EPCM Supplier Management**

From BOD and process acquisition, the management of EPCM and OEM suppliers is present throughout the early CQV activities.

Management of FAT, management of install, commissioning and SAT readiness and SAT execution is a technical process.

# Commissioning / CQV Management (2)

#### **Post SAT Services**

From post SAT OQ Process verification and up to PPQ qualification - EMPQ | Cleanroom Qualification / CSV / Cleaning Validation / Continuous verification are all examples of additional deeper services that we also may provide through our consultancy department.

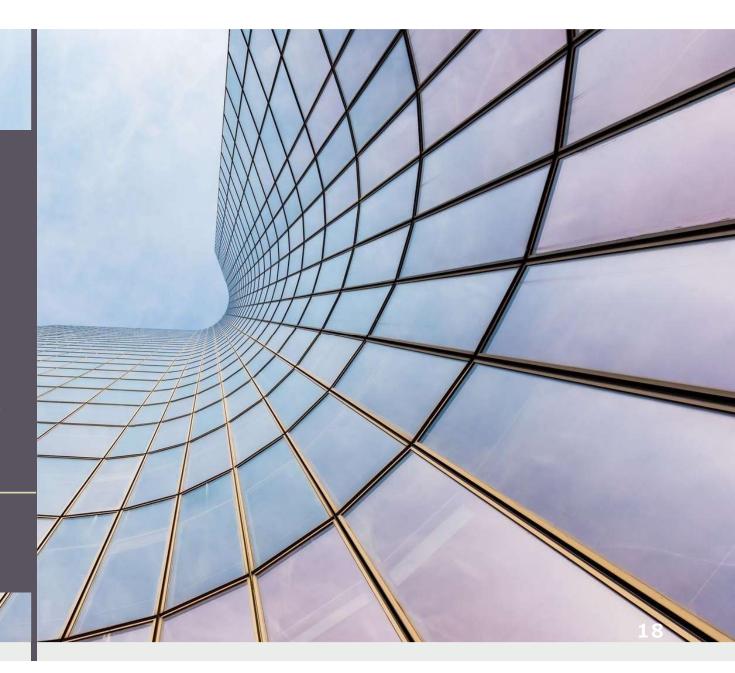
#### Facility & Process handover

From basic design to handover.

Full end to end turn-key solution can be provided to ensure the product is able to meet market requirements on time.

### LIFE SCIENCES AUTOMOTIVE INFRASTRUCTURE DIGITALIZATION ENERGY

Sector Experience



Project Delivery Teams as part of client's Global Engineering Team (external consultant partner with whole project responsibility) EPCM / EPC Partner (<100 Mio.) **PMO Teams** including Design Management, Value Engineering and Automation as external partner or supporter for internal client teams. **External Consultant Services** 

Consultant Services (Project Management, Project Controls, Scheduling, Procurement including Claim/Contract Management), Document Control, Support Services

#### Infrastructure Energy Digitalisation Life Sciences Automotive **PMO Teams** as an End-to-End-Service PMO Teams as external design, Provider due to LNG or renewable process, procurement, time and cost, construction, docuement energy projects. Means Planning, Cost, control and management partner Project Delivery Teams (PM, CM), External Consultants for Project Procurement, Commercial & Contract Controls (Sponsors & Stakeholders) Management or External Expats

## Sector Experience / End-to-End PMO



## **Life Sciences Sector**

Pharmaceutical projects - with the global requirement in medicine in both animal & human health the Pharmaceutical sector is an environment with fast-paced projects, and very stringent schedule & budget requirements.

Our experienced PMO Teams can support the process owner to establish procedures and develop protocols to update and/or create standard operational procedure and preventive maintenance task and include any critical instrumentation to the modification or replacement process.

Pharmaceutical Refurbishment projects, maintenance or greenfield projects which include new vaccine lines, packaging facilities, cold stores & construction of laboratories.



# **Infrastructure Sector**

As a company we work with from inception – the idea of the infrastructure project, to the planning and costing by defining the project requirements. With a key objective achieving a cost and schedule driven execution.

Through the project life cycles as a team we can bring our multiple project experience and have the right expertise injected into the right phase of the projects. This will give you a better utilization of the skills we can provide.



# **Automotive Sector**

We provide Automotive industry worldwide with multidisciplinary engineering services, including process engineering, testing technology, environmental consultancy, strategic advice and investigations, and project management to support operational performance, investment and lifecycle costs and improved returns on capital, for traditional and new automotive products and systems, and new technologies that are helping power the future of global automotive sector.

We control automotive projects during all phases from start to end and are able to support with complete PMO's (Project Manager, Project Controls, Planning, Procurement, Document Control, Engineering Manager) in that sector.



# **Energy Sector**

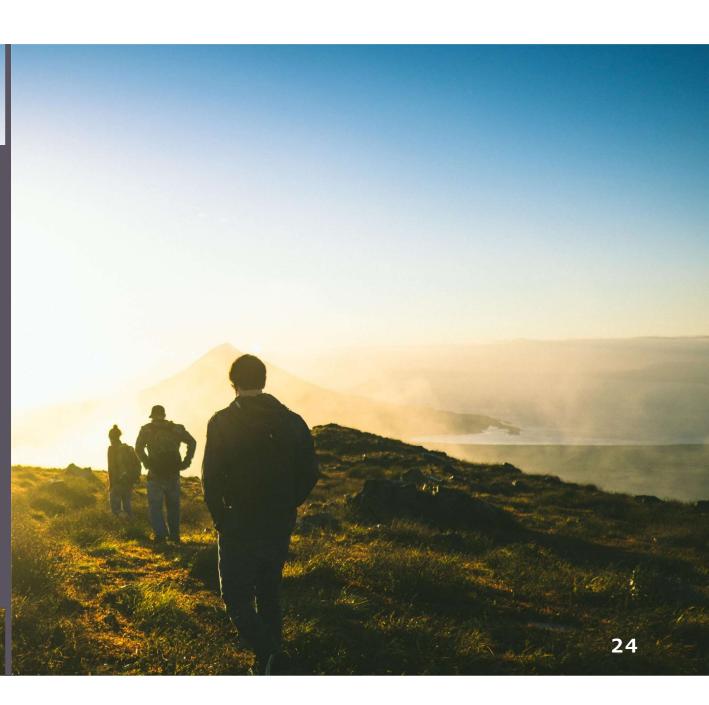
Our Teams can provide a services range from Offshore platforms to Onshore Refineries or renewable energy plants and infrastructure. Taking into consideration the lean methodology in execution of projects but supporting our clients in the objective of driving towards a clean fuel production methodology.

With the key objectives to provide a full financial overview, project management service to enable to have a fully integrated and managed project.

Our success as a global partner depends on our ability to seek out talent and then encourage and develop it.

We support our people by offering flexible schedules, opportunities abroad and an approach to business that recognizes the importance of balancing work with life outside the office.

We are going the same way.





# **Our Vision**

From initial concept to project completion, we have been helping clients to build their businesses for over twenty years.

We have earned a reputation as a smart leader in our field and are continually evolving our offer to best meet our clients' needs.

This level of care and attention to detail gives the confidence to make well-informed decisions.

## Contact





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