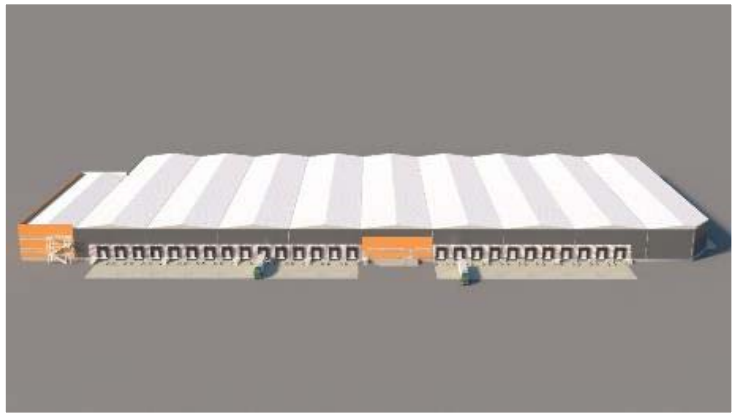
THE MOTIVATION OF CONSTRUCTION

DESIGN, PROJECT MANAGEMENT & CONSTRUCTION

PRESENTATION OF COMPANY SERVICES








Who we are - Company Profile

Our Services

- Requirement Analysis & Conceptual Design (RA)
- Schematic - Preliminary Design (PD)
- Detailed Design (DD)
- Project & Construction Management (PM & CPM)
- Commissioning & Facility Management (Cx & FM)
- Supply, Construction & Special Equipment Installation (Co)
- Consulting & Technical Due Diligence (TDD)

Our Certificate

Our Company Structure

Our Clients

Reference Projects

BUILDINGS

MEP & INDUSTRIAL

HOTELS

SPECIAL WORKS

ENERGY

FACILITY MAINTENANCE

DESIGN

CONSULTING

ERGO TECHNIQUE is a modern and powerful technical company that operates in a wide range of projects such as Industrial Buildings & Logistic Warehouses, MEP Facilities, Hotels, Commercial Offices, Industrial Facilities, Special Projects.

ERGO TECHNIQUE provides services for the design, project management and construction of technical works. With the most modern technological tools we adapt the project to the needs of the customer. In collaboration with the engineers and technicians who frame our human resources, we are able to handle all kinds of simple or specialized requirements with absolute know-how and methodology offering high quality services.

ERGO TECHNIQUE provides high quality results in both Greece and Cyprus as well as in countries in Europe and the Middle East.

ERGO TECHNIQUE has the method and experience for **DESIGN, MANAGE** and **CONSTRUCT PROJECTS** such as:

BUILDING PROJECTS

MEP & INDUSTRIAL PROJECTS

HOTEL PROJECT

SPECIAL WORKS

INDUSTRIAL REFRIGERATION SYSTEMS

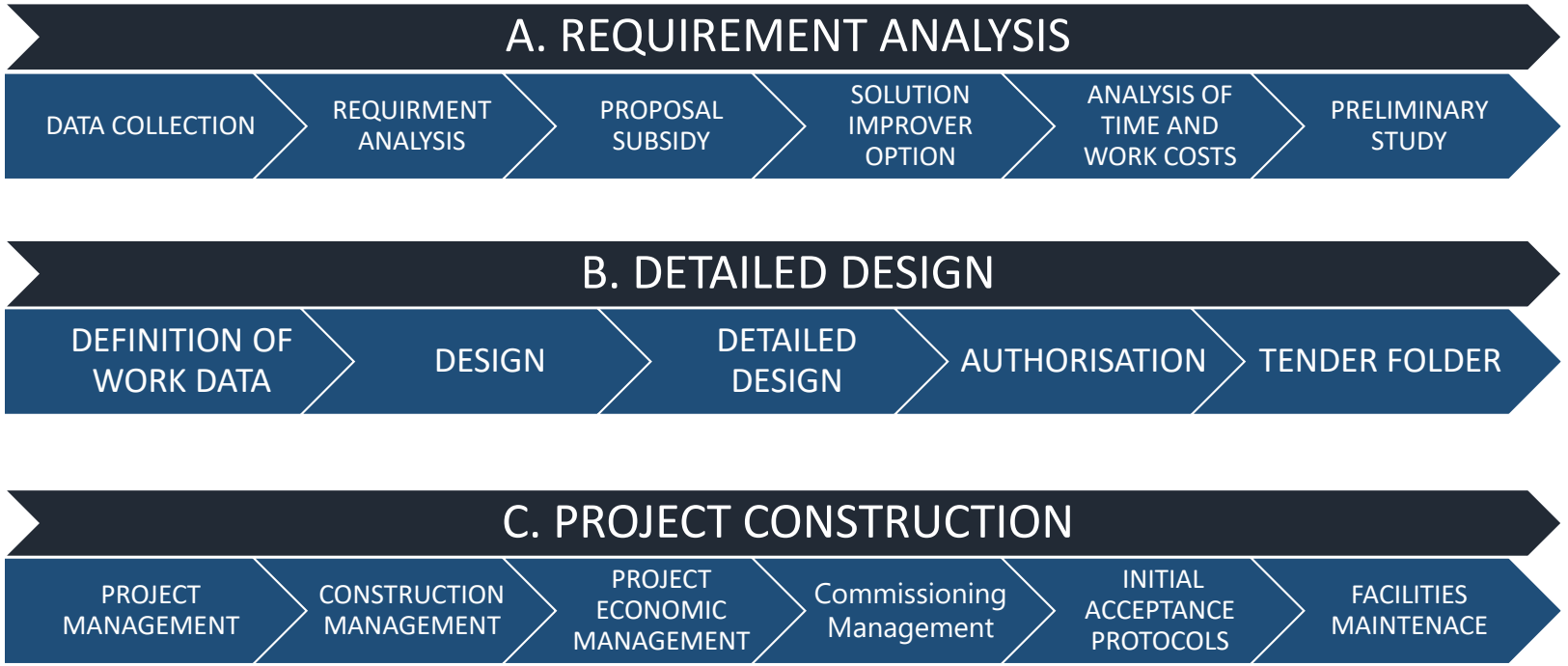
RENEWABLE ENERGY SYSTEMS

INDUSTRIAL FLOORS

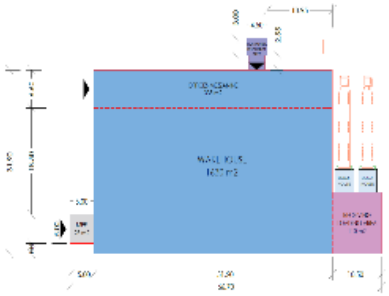
ESFR (Early Suppression Fast Response) Fire Sprinkler Systems

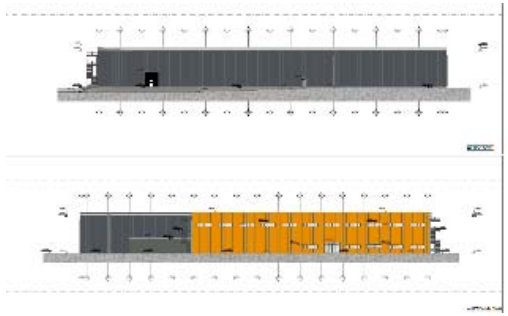
ERGO TECHNIQUE has the necessary technical background to implement each requirement.

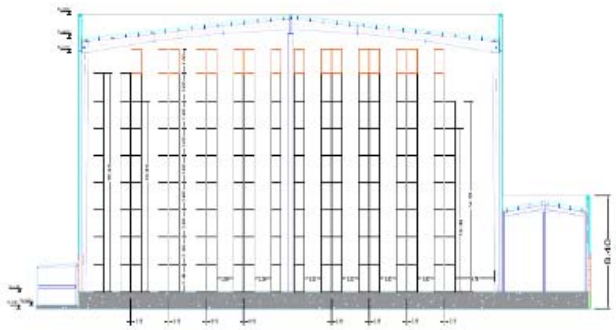
1. Requirement Analysis & Diagnostic Reports (RA & DR)
2. Detailed Design (DD)
3. Project Management (PM)
4. Construction & Construction Management (CO & CM)
5. Commissioning & Facility Maintenance (Cx & FM)

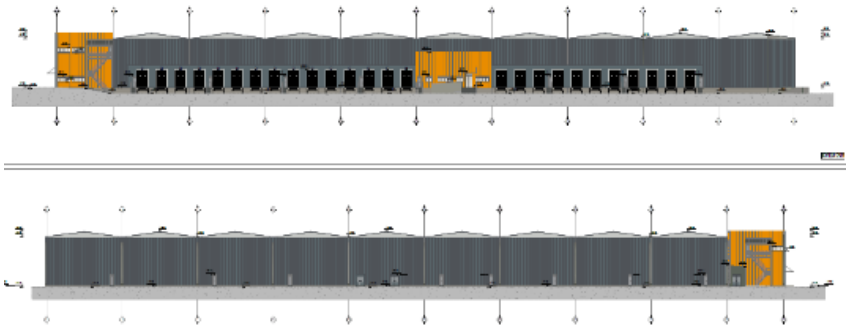


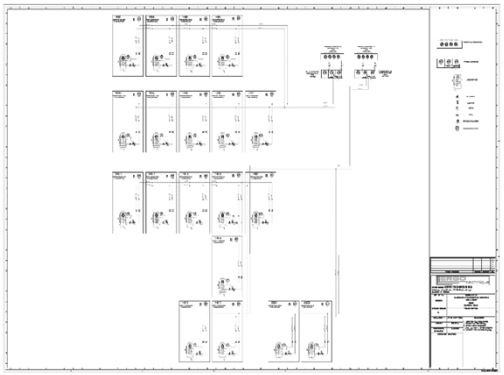
1. Requirement Analysis & Diagnostic Report
2. Conceptual Design
3. Master Plan
4. Activities & Equipment







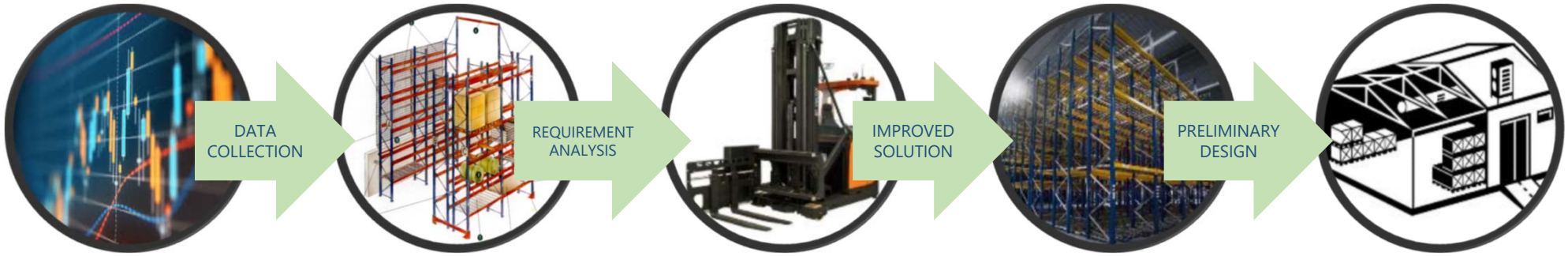




We believe that understanding customer requirements is the key pillar to ensure the integrity and completeness of a project

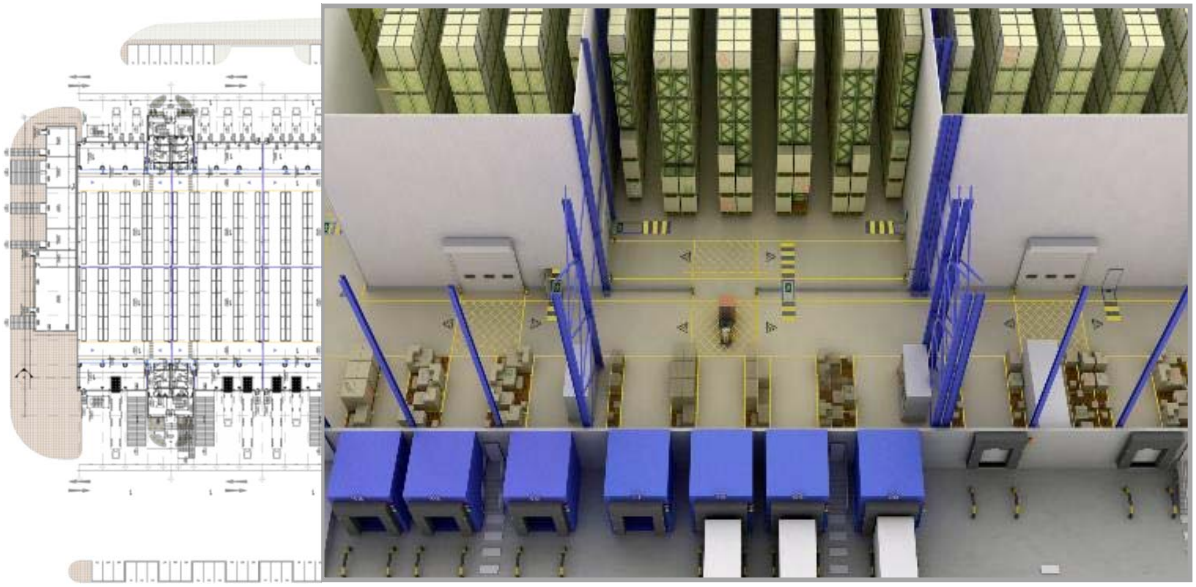
For this reason each project starts with the **Analysis of Requirements & Diagnostic Study** (Storage Needs, Productive Needs building needs, etc.) until the formation of the final Building Concept.

With this approach we are able to adapt and anticipate every possible need of the project at both technical and economic and operational level.

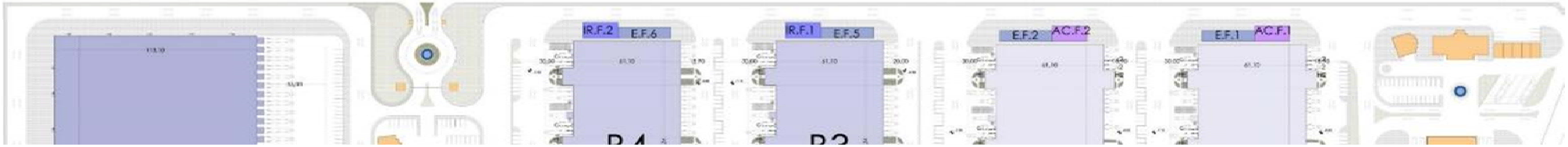


The building under design shall adapt to the **current stock & production needs and not vice versa**. Such requirements relate to the following:

- Maximum Storage volume of building
- Optimum flow of goods in the production process
- Flexibility of racking arrangement with variable aisle positions
- Size flexibility of all functional areas (RL, Cross Docking Area, Added Value Area)

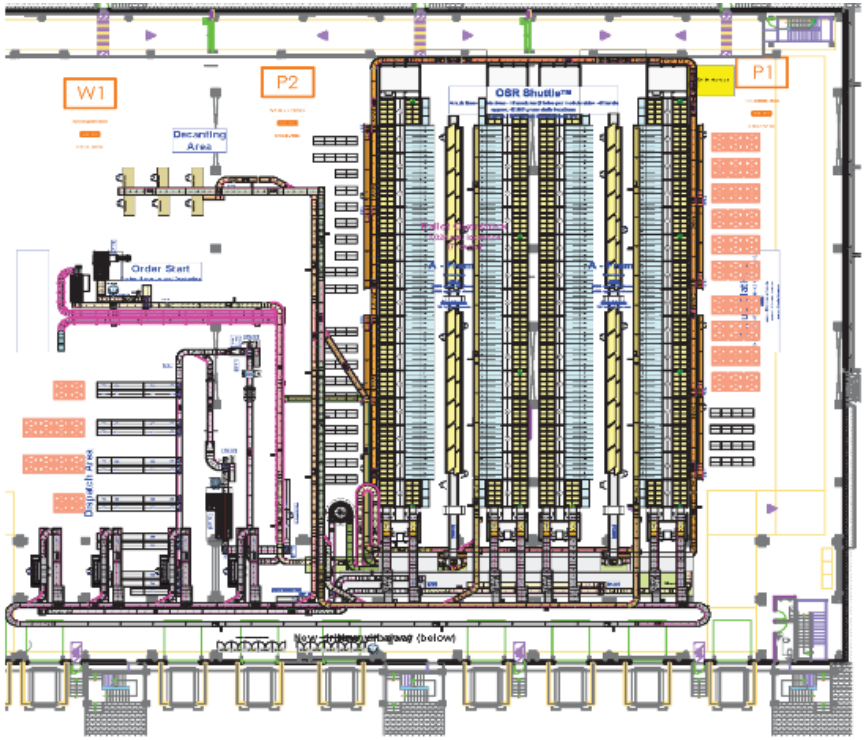


Design includes **full utilization of available terrain** and construction of the project in phases, in order for a possible future plant expansion to be optimum from a financial, technical and operational point of view.



Presentation and **selection** among the most up to date **methods and equipment in Logistics Center operation**:

- Racks
- Material Handling Equipment
- Automations Systems and
- Warehouse Management Systems & Activities



Diagnostic Study and Requirement Analysis aim to **collect**, **organize**, **illustrate** and **present** all project requirements regarding the **Building Structure**, the **Electro-Mechanical Facilities**, the **Production Procedures**, the **Financial Restraints** and the **phases of Design & Construction**.

This section defines the contents of each stage of a project.

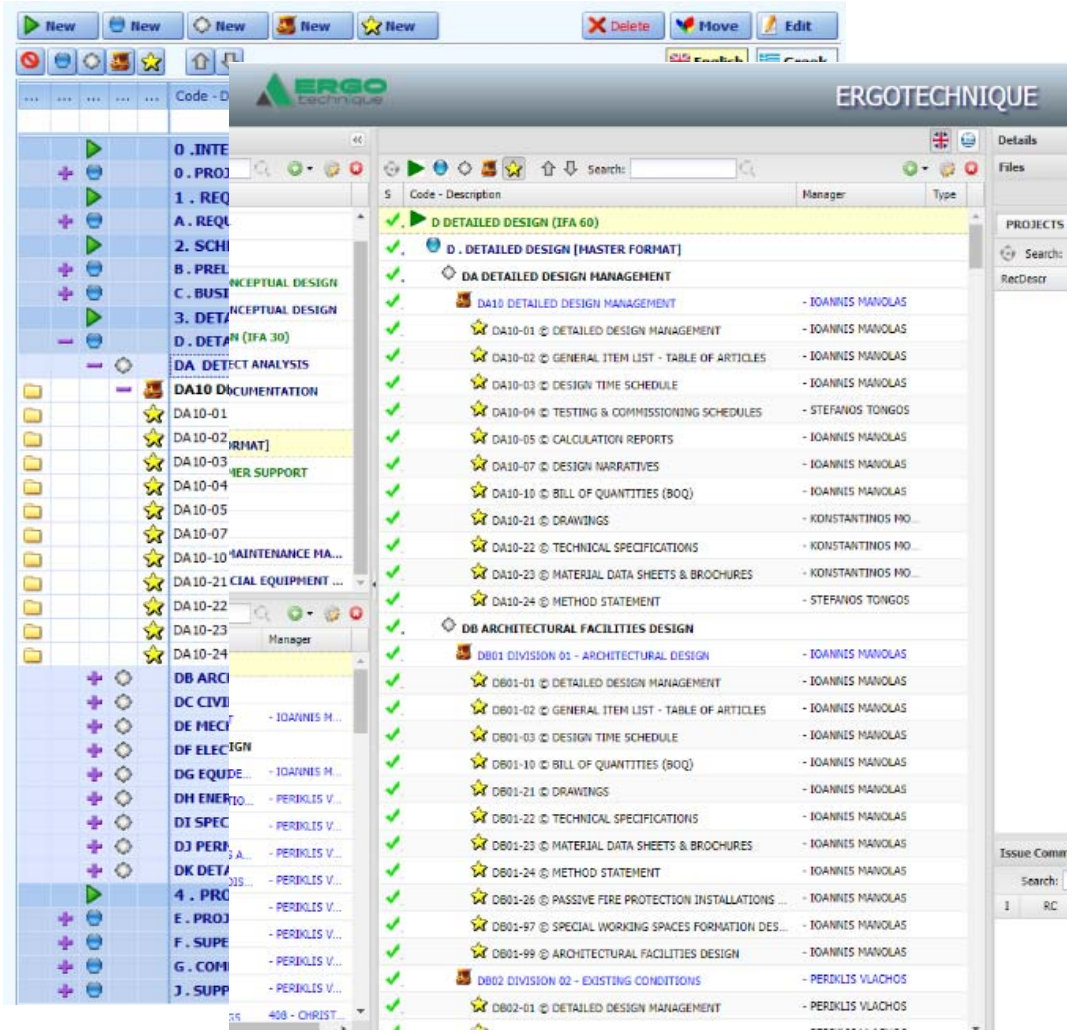
1. Data Collection & Organization of Project Design Standards
2. Diagnostic Study & Market Research for Special Equipment Installations
3. Building Concept Analysis, Development & Presentation
4. Building Composition (Drawings, Technical Specifications, Business Plan Budget)
5. Installation Approvals
6. Business Technical Documentation

This section is the final design step of the project and concerns:

- **Detailed Design for Architectural** (Archtitectural, Exterior Improvements, Passive Fire, Offices, Energy Efficiency Certification)
- **Detailed Design for Structural** (Metals, Concrete, Floors Εκσκαφές, Earthworks & Foundations, Structural, Slab on Grades)
- **Detailed Design for Civil** (Earthworks, Demolition)
- **Detailed Design for Special Equipments** (Signage, Offices Equipment, Production Equipment, Storage Equipment, Railway Equipment)
- **Detailed Design for Industrial Refrigeration**
- **Detailed Design for Mechanical Services & Networks Design** (HVAC, Fire Suppression, Water Suplly, Sewage Disposal, Ventilation, Pressured Air, Elevation Systems, GAS Systems)
- **Detailed Design for Electrical Services Design** (Lightning, Panelboards, Utility Grid Connection, Main Distribution Installation, Earthing & Lightining Protection, Communications)
- **Detailed Design for Special Systems**
- **Detailed Design for Renewable & Sustainable Energy Design**

Continuous Improvement & Innovations

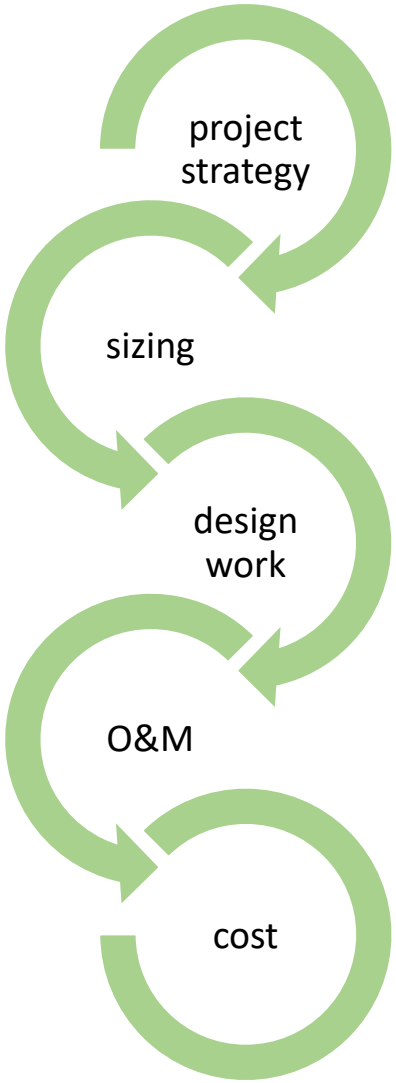
Before: Management Information System (MIS)



Now: In-house-developed Online Application (MIS online)

To manage DD deliverables

DA10 DETAILED DESIGN MANAGEMENT
DA10-01 © DETAILED DESIGN MANAGEMENT
DA10-02 © GENERAL ITEM LIST - TABLE OF ARTICLES
DA10-03 © DESIGN TIME SCHEDULE
DA10-05 © CALCULATION REPORTS
DA10-07 © DESIGN NARRATIVES
DA10-10 © BILL OF QUANTITIES (BOQ)
DA10-21 © DRAWINGS
DA10-22 © TECHNICAL SPECIFICATIONS
DA10-23 © MATERIAL DATA SHEETS & BROCHURES



- ✓ Concept Design & **Project Strategies** in detailed form, character and function
- ✓ Finalization of all equipment and system **sizing**, as well as of all component materials
- ✓ Completion of all intermediate architectural and engineering **ERGO TECHNIQUE design work** (incl. calculations, specifications, drawings, quantity takeoffs and descriptive information in sufficient detail) in compliance with the design brief, International Standards & Regulations and best practice
- ✓ All other activities receive input from and incorporate solutions for management, **operation, maintenance**, staffing, servicing, etc. ensuring that Client requirements are met
- ✓ Derivation of **Cost** Information

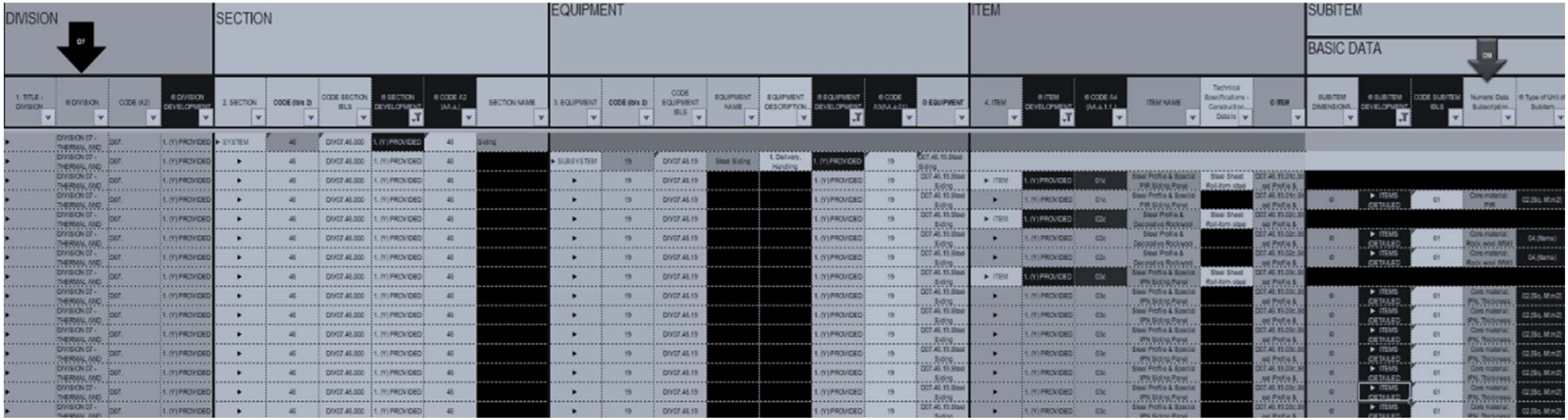
Development of design work as follows:

- Consultation from **Third Parties** (vendors, specialists, etc.), where required
- **Coordination** between different disciplines based on Project Organization Chart
- **Project Design Criteria development** from Concept Design stage based on Design Brief as guidance for all disciplines
- **Deliverables specified** in terms of type, nomenclature, content, detail level etc.
- **Change Control Procedures** implemented to ensure that any changes to the Concept Design are properly considered and signed off

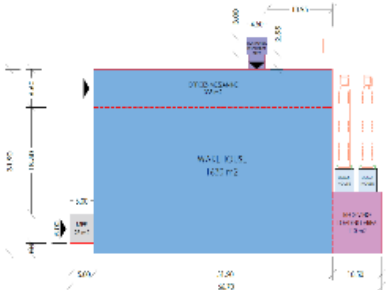
02 © GENERAL ITEM LIST - TABLE OF ARTICLES

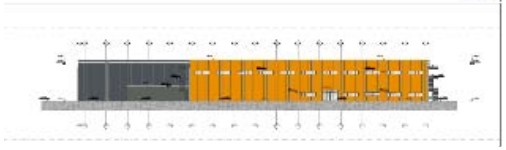
A comprehensive list of items specified in each discipline to provide the foundation for the extraction of **cost information** provided separately for **different types of building areas or construction phases**. Item List structure is based on respective Technical Specifications (see DA10-22) as follows:

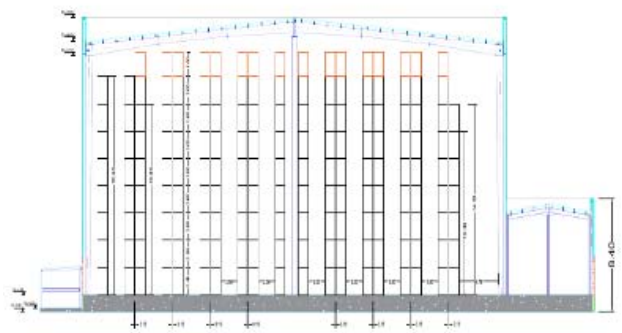
1. DIVISION (e.g. D07. THERMAL & MOISTURE PROTECTION)
2. SUBDIVISION (e.g. D07.48c. Cooling Panels)
3. SECTION (e.g. D07.48c.10c. Box in Box Cooling Panels)
4. ITEM (e.g. D07.46.19.01c. Steel Profile & Special PIR Siding Panel)
5. SUB-ITEM (Items with specific technical & numerical data included in respective ITEM)

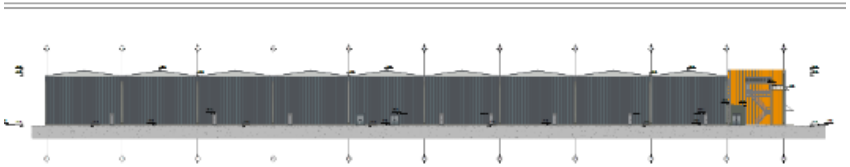


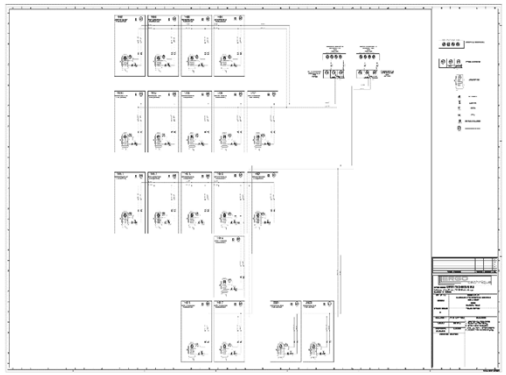
1. Final Studies
2. Permiting Phase
3. Detailed Design
4. Project Item List
5. Tendering Files







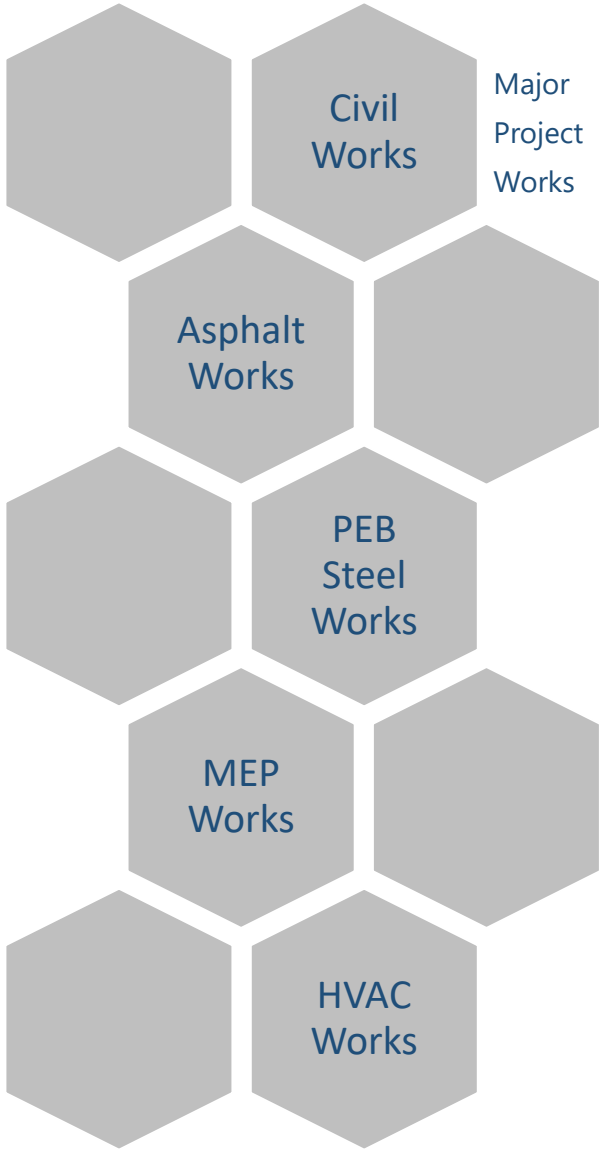




This section consists of the client's technical support with regard to the project's Execution Strategy, Technical Management & Construction Supervision and Project Management.

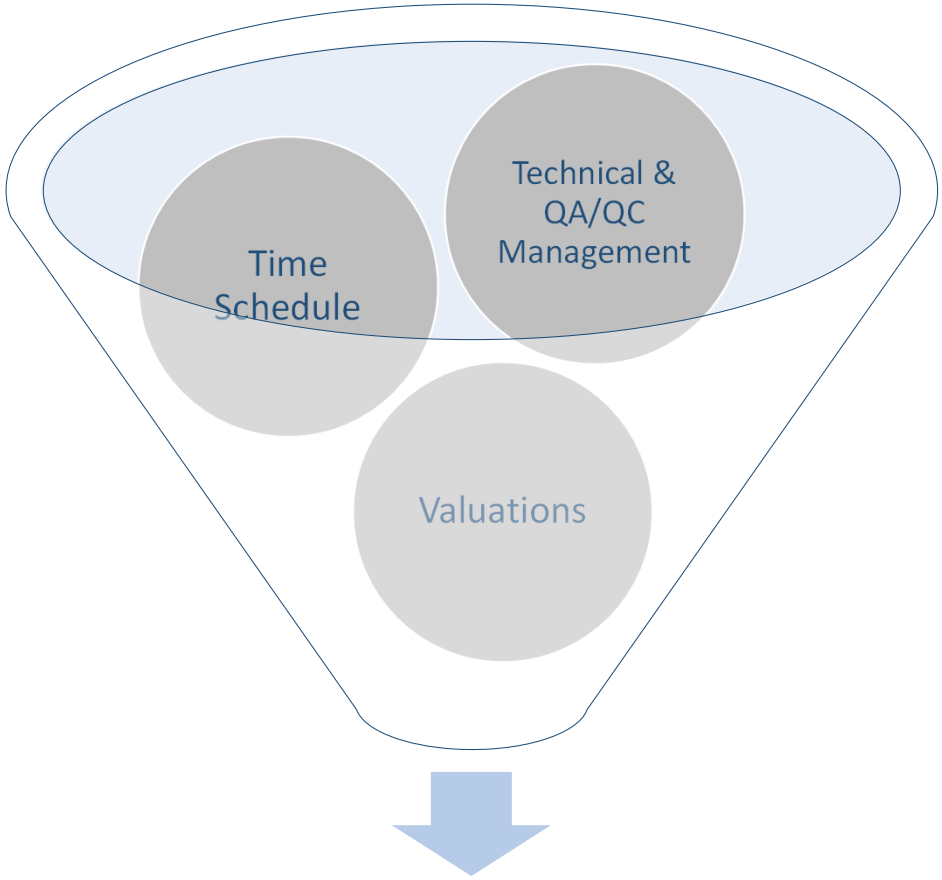
- **Project Tendering Process** (Offers Evaluation, Contractors Negotiation, Technical Contracts)
- **Technical Management & Project Supervision** (Construction Engineer Reports, Project Calendar Data Base, Project Photo Gallery, As Built Drawing, Safety Control)
- **Project Management** (General Administration, Communications & Issues Protocol, Project Management Schedule, Quality Control Project, Budget Management, Finance Program Management)
- **Commissioning Management & Facility Maintenance Management** (General System Startup, Testing & Commissioning, Start Up, Staff Selection & Training)

Construction to be carried out by 4 – 8 qualified Sub-contractors for the following **major works of the Project**, such as:



Aiming to:

- ✓ **Assign all Item List items** to the scope of work of related Sub-contractors
- ✓ **Coordinate** all different works
- ✓ Specify all **details** between different works, so as to guarantee the Project **quality**



Construction Management

In terms of Construction Management,

ERGO TECHNIQUE shall perform:

- Technical Management
- QA/QC Management
- Time Schedule Management
- Valuations Management

TECHNICAL MANAGEMENT (Review of Required Documentation)

Materials

Materials of well-known manufacturers with full technical data sheets, test results etc.

Technical Submittals

Calculations (e.g. structural, mechanical, electrical), as well as product catalogues etc.

Shop Drawings

Drawings for the installation of approved materials combining all disciplines involved (Arch, Civil, MEP)

Sub-contractors

Specialized company having a valid ISO certificate and full eligibility documents (e.g. organizational chart, previous projects)

Method Statements & ITPs

Method Statement (with specialized Risk Assessment Documentation for heavy works) & ITP for the installation and inspection of approved materials

Project & Construction Management following the Detailed Design Process and offering services that guarantee:

1. Time Schedule Adherence
2. Administration Quality Control
3. Budget Management
4. Site Administration
5. Technical Management









This section consists the construction phase of the project. **ERGO TECHNIQUE** is proud to provide installation services such as:

- **Architectural Facilities Installation**
- **Structural Facilities Installation**
- **MEP Facilities Installation**
- **Special Flooring Installation**
- **Tendering Process**
- **Project Management**
- **Construction Management**
- **Commissioning Management**
- **General System Startup, Testing & Commissioning, Start Up, Staff Selection & Training**

ERGO TECHNIQUE after years of involvement in the technical field has gained considerable experience in **CONSTRUCTION** and **MAINTENANCE** such as:

- **Industrial Refrigeration Systems**
- **Industrial Floors, Super Flat Floors**
- **Epoxy Floors**
- **ESFR (Early Suppression Fast Response) Fire Sprinkler Systems**
- **Special Storage Systems (Racks, Mezzanines etc)**
- **MEP Systems (Plumbing, Medium Voltage Electrical Facilitites etc)**
- **Commercial Offices Specialities**
- **Special Equipment**
- **Facitilies Maintenance**

SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

2025











COMMISSIONING & FACILITIES MANAGEMENT

2025

The commissioning process formalizes review and integration of all project expectations during **planning, design, construction, and occupancy phases** through inspection, functional performance, testing and supervision of operator training and record documentation.

- Ensures adherence to Health & Safety principles within the facility
- Optimizes energy use. Specifically the HVAC systems are adjusted to operate at optimum level reducing energy waste
- Reduces Operating and Maintenance costs
- Ensures adequate O&M staff orientation and training
- Improves installed building systems documentation
- Provides smooth integration of MEP services and delivers the project according to the Owner's requirements.

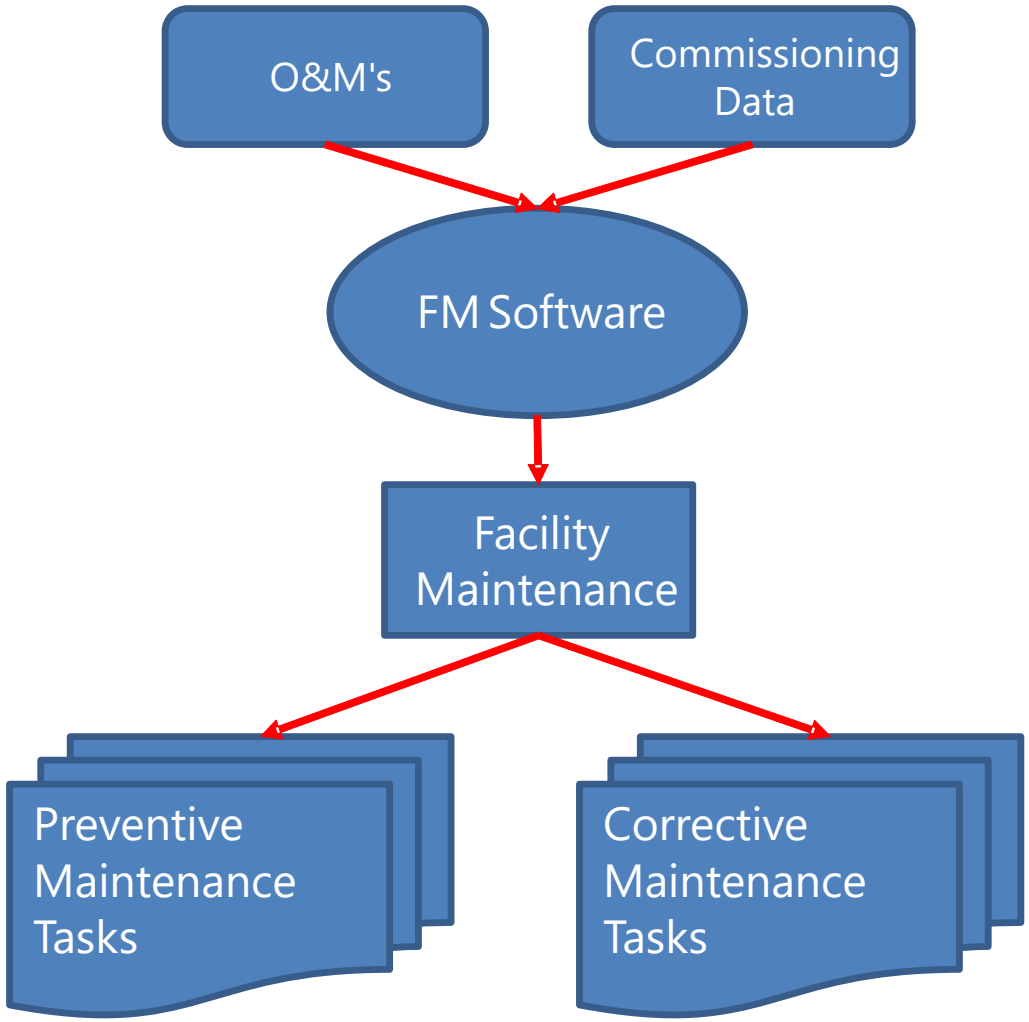




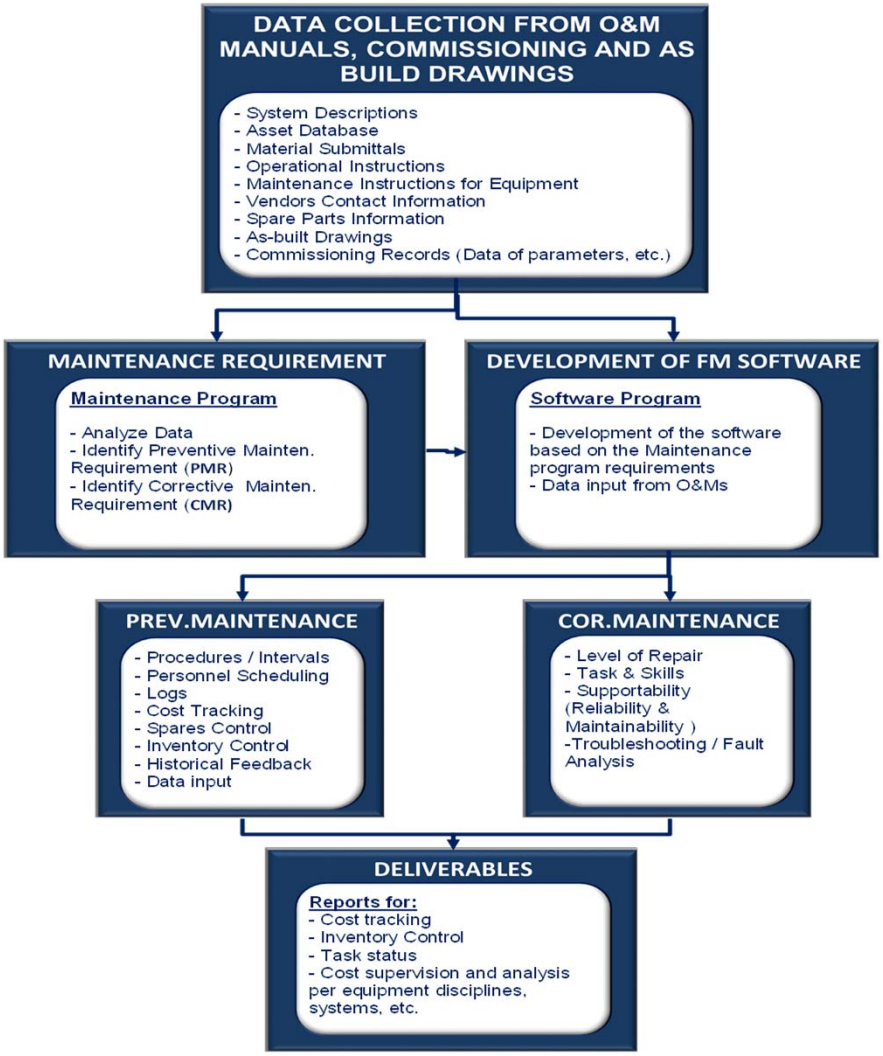

Our experience in Commissioning Services allows us to provide teams of high specialization that can be integrated into existing organizations. **ERGO TECHNIQUE** has alliance partners providing LEED certification, and TAB services in accordance with National & Local standards.

The facility maintenance secures the best level operation of the facilities.

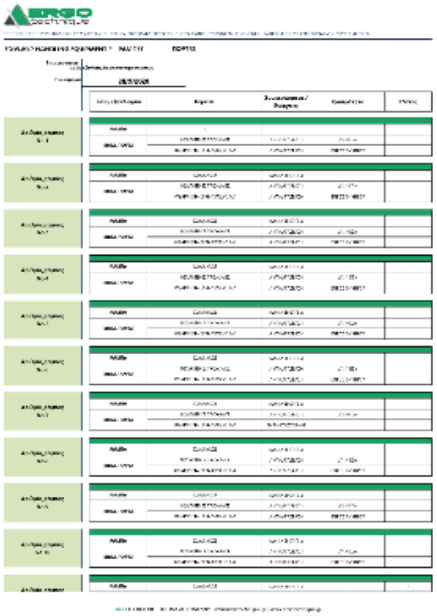
GENERAL OUTLINE OF THE FACILITY MAINTENANCE PROCESS



DEVELOPMENT OF FACILITY MAINTENANCE SERVICES



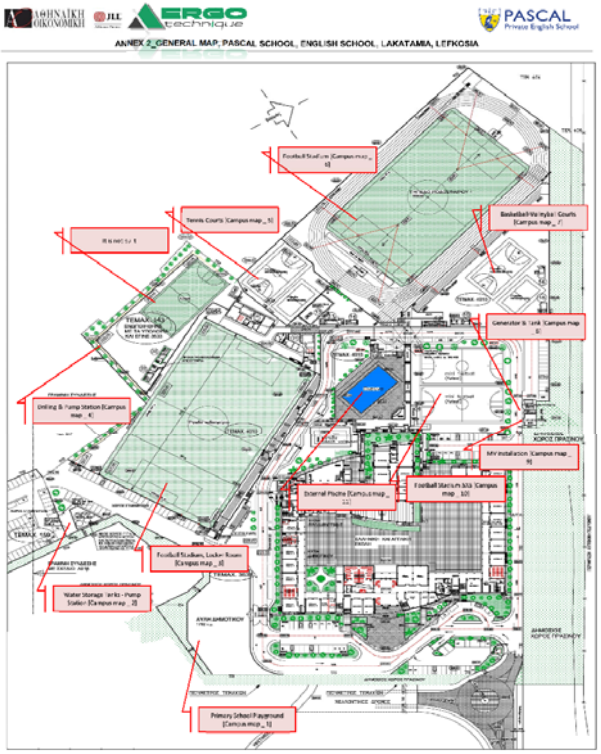
1. O&M Manuals
2. Facility Management (Hard Services – Soft Services – Support Services)
3. Technical Reports
4. Photo Archive
5. Technical Management



CONSULTING & TECHNICAL DUE DILIGENCE

2025

Before making a decision on a property investment, every client needs clear and objective advice. **ERGO TECHNIQUE** has extensive experience in technical due diligence works, providing the insights needed to address technical and construction issues. This offers clarity for investors, developers, private investors, corporate organisations, property companies, landlords, occupiers and public bodies alike.



TITLE:23101.03 -CONTENTS:23101.03 TECHNICAL DUE DILIGENCE -PROJECT MANAGER:C. MANOLAS -22/11/2021

CLIENT: C.231 - PASCAL SCHOOL
PROJECT: 23101.03 - TDD, CYPRUS PASCAL SCHOOL, EDUCATION, NICOSIA

DELIVERABLES
TITLE: 23101.03 TECHNICAL DUE DILIGENCE
PROJECT MANAGER: C. MANOLAS
DATE: 22/11/2021
DOCUMENT CODE: 23101.03

CONTENTS		LEAD DESIGNER	DATE
A.	**CYPRUS PASCAL SCHOOL, EDUCATION, NICOSIA**		
A.1	EXTERIOR IMPROVEMENT INSTALLATIONS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.2	EXTERIOR IMPROVEMENT INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.3	GENERAL ARCHITECTURAL INSTALLATIONS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.4	GENERAL ARCHITECTURAL INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.5	FIRE PROTECTION SYSTEMS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.6	FIRE PROTECTION SYSTEMS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.7	HVAC - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.8	HVAC - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.9	WATER POOL INSTALLATIONS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.10	WATER POOL INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.11	WATER SUPPLY, PLUMBING INSTALLATIONS - TECHNICAL ISSUES DESC.	C. FRASERI	22/11/2021
A.12	WATER SUPPLY, PLUMBING INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.13	RAINWATER DRAINAGE INSTALLATIONS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.14	RAINWATER DRAINAGE INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.15	ELECTRICAL INSTALLATIONS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.16	ELECTRICAL INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.17	FOODSERVICE INSTALLATIONS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.18	FOODSERVICE INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.19	SPECIAL INSTAL. DATA - TELECOMMUNICATION - TECHNICAL ISSUES DESC.	C. FRASERI	22/11/2021
A.20	SPECIAL INSTAL. DATA - TELECOMMUNICATION - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.21	MECHANICAL INSTALLATIONS - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.22	MECHANICAL INSTALLATIONS - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021
A.23	WASTEWATER TREATMENT - TECHNICAL ISSUES DESCRIPTION	C. FRASERI	22/11/2021
A.24	WASTEWATER TREATMENT - PHOTO GALLERY	M. SKOURTANIOTIS	22/11/2021

TITLE:23101.03 TECHNICAL DUE DILIGENCE /23101.03 /CYPRUS PASCAL SCHOOL, EDUCATION, NICOSIA /CONTENTS:HVAC - TECHNICAL ISSUES DESCRIPTION /LEAD DESIGNER:C. FRASERI / DATE:22/11/2021

	COMPLEX	CYPRUS PASCAL SCHOOL, EDUCATION, NICOSIA
7.	**SYSTEM**	HVAC - TECHNICAL ISSUES DESCRIPTION

7.1	**Mechanical Areas**
7.1.1	Two Mechanical Areas are located : 01. In the Roof of the Building 02. In the internal place of Building "Polygon"
7.1.2	External Units are installed in the roof and façade [Water pool] of the building.
7.1.3	VRV, VRF & HVAC unit systems are installed in the two mechanical area
7.1.4	It was not possible to visit the mechanical area : Building "Polygon"
7.1.5	Mechanical Area Central Roof , the electric cables are not protected and are not placed inside the grilles
7.2	**HVAC Equipment**
7.2.1	A list with installed equipment is not provided
7.3	**Outdoor Units**
7.3.1	HVAC systems provide air conditioning for Offices and Classrooms
7.3.2	Some HVAC unit systems for offices & School, use R32 refrigerant.
7.3.3	Some HVAC unit systems for offices & School, use R410A refrigerant.
7.4	**Indoor Units**
7.4.1	Indoor Units : are installed in some Offices and Classrooms
7.4.2	Indoor Units : the equipment was found in a good condition.
7.4.3	Offices First Floor, internal air conditioning units are installed underfloor
7.5	**Networks**
7.5.1	Mechanical Area Central Roof : The insulation of the pipes of the air conditioning network is damaged, it must be repaired
7.6	**Ventilation System**
7.6.1	Ventilation equipment [Fans axial] is installed, in some classes room

04. PERMITS, CERTIFICATES AND DOCUMENTATION REGARDING LEGAL CONFORMITY

At the current state, based on the documentation in our possession, no prevailing guidelines concerning the building rules can be concluded.

Important data regarding legal documentation, technical documentation or operating licenses have not been delivered/ accessed in the current status of the Technical Due Diligence procedure.

In particular:

01. The topographical plan has not been received.
02. The coverage plan, with reference to permits and building regulations, has not been received.
03. No engineer's certificate for the non-existence of illegal constructions has been delivered.
04. The following architectural plans [not signed] have been received:
    01. Id: A.01.a General plan Floor Plans, date 05/2017
    02. Id: A01.b General plan Floor Plans, date 05/2017
    03. Id: A02 Basement plan & Changing Room, date 05/2017
    04. Id: A03 Ground Floor Plan, date 05/2017
    05. Id: A04 First Floor Plan, date 05/2017
    06. Id: A05 Second Floor Plan, date 05/2017
    07. Id: A06 Roof Plan, date 05/2017
    08. Id: A07 Views, date 05/2017
    09. Id: A08 Sections, date 05/2017

    The total area of the building does not appear.
05. We have documentation [No Folder 7.10.40.114], that a license from the ministry of education has been provided:
    01. Certificate of establishment.

02. Certificate Operating.

For the Restaurant we received:

01. Suitability certificate [No Folder 21.05.011.1.1781], date 27/10/2008.
02. Certificate of Approval [Lloyd's Register, BS EN ISO 22000:2018]
03. Passive fire protection study & plans: complete file [drawings, technical reports] has not been delivered. Approvals by the competent authorities cannot be verified.
04. Environmental licensing [environmental assessment/ environmental impact assessment & study / environmental licensing approval] has not been delivered.
05. Kitchen, restaurant, Canteen [sanitary licensing - canteen / operating licenses / certificates or other institutional approvals], need to be updated.

Type	Risk Assessment
Buildings Permits / Buildings Regulation / Legal Status	
Environmental Licensing	
Electrical Installation / Certificate	
Fire Protection Certificates	
Canteen / Sanitary Licensing - Operating licenses	

Without Risk — Low Risk

Medium Risk — High Risk

Table 05. Classification Risk Assessment

05. MACROSCOPIC TECHNICAL EVALUATION AND CONSTRUCTION STATUS OF THE PROPERTY

The results of the macroscopic survey, which was carried out by our engineering team, is depicted below:

Type	Structural	Architectural	Landscape	MEP
Construction Status				
Equipment Quality				
Infrastructure Adequacy				

Very good — Good, actions needed in the future

Adequate, actions needed — Poor, immediate actions needed

Table 06. Evaluation Construction Status

Construction Status

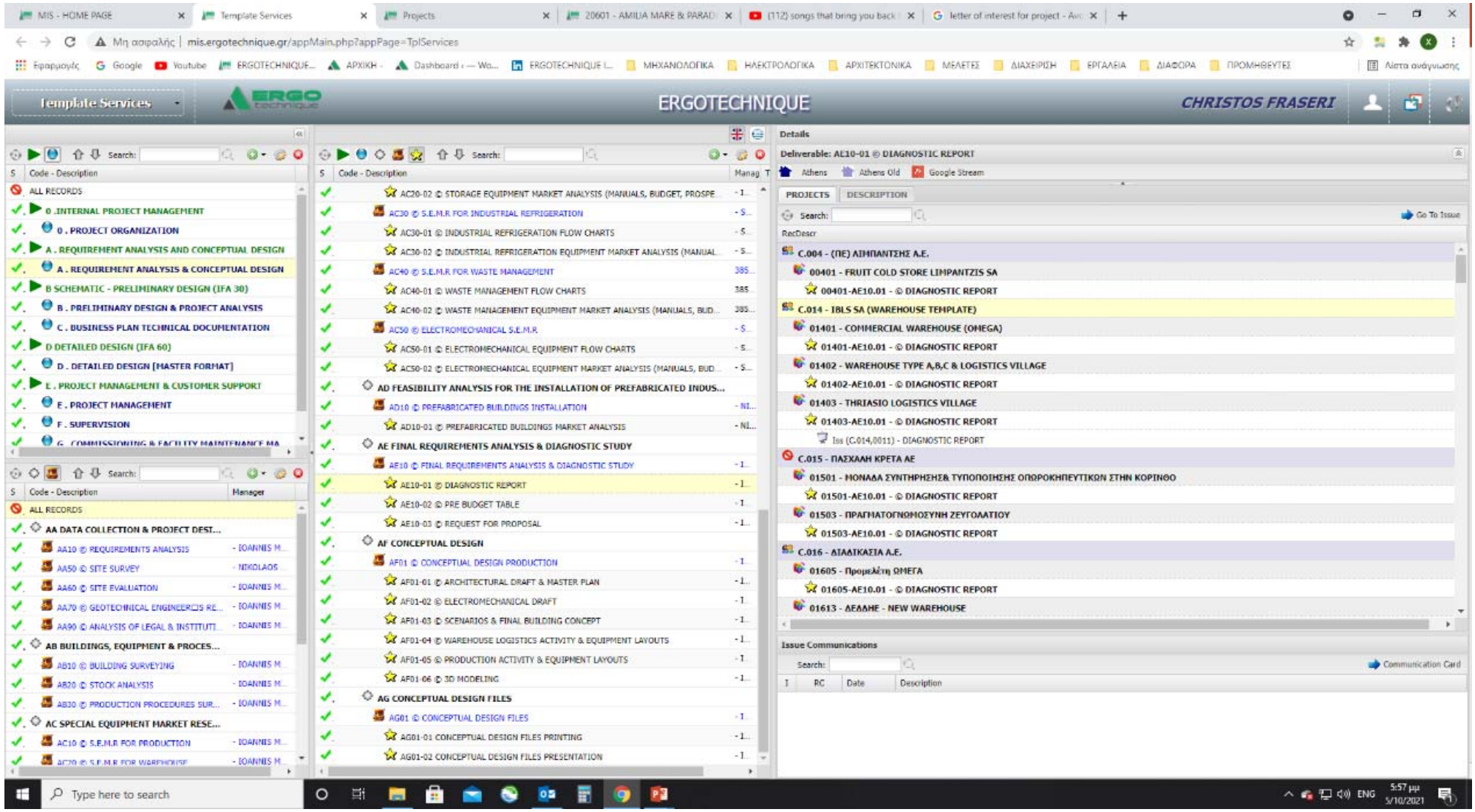
Structural : Good status overall.

Architectural : Windows without soundproofing and thermal insulation.

Landscape : Good status overall

MEP : An examination must be carried out for all equipment, in order to verify the refrigerant fluids used.

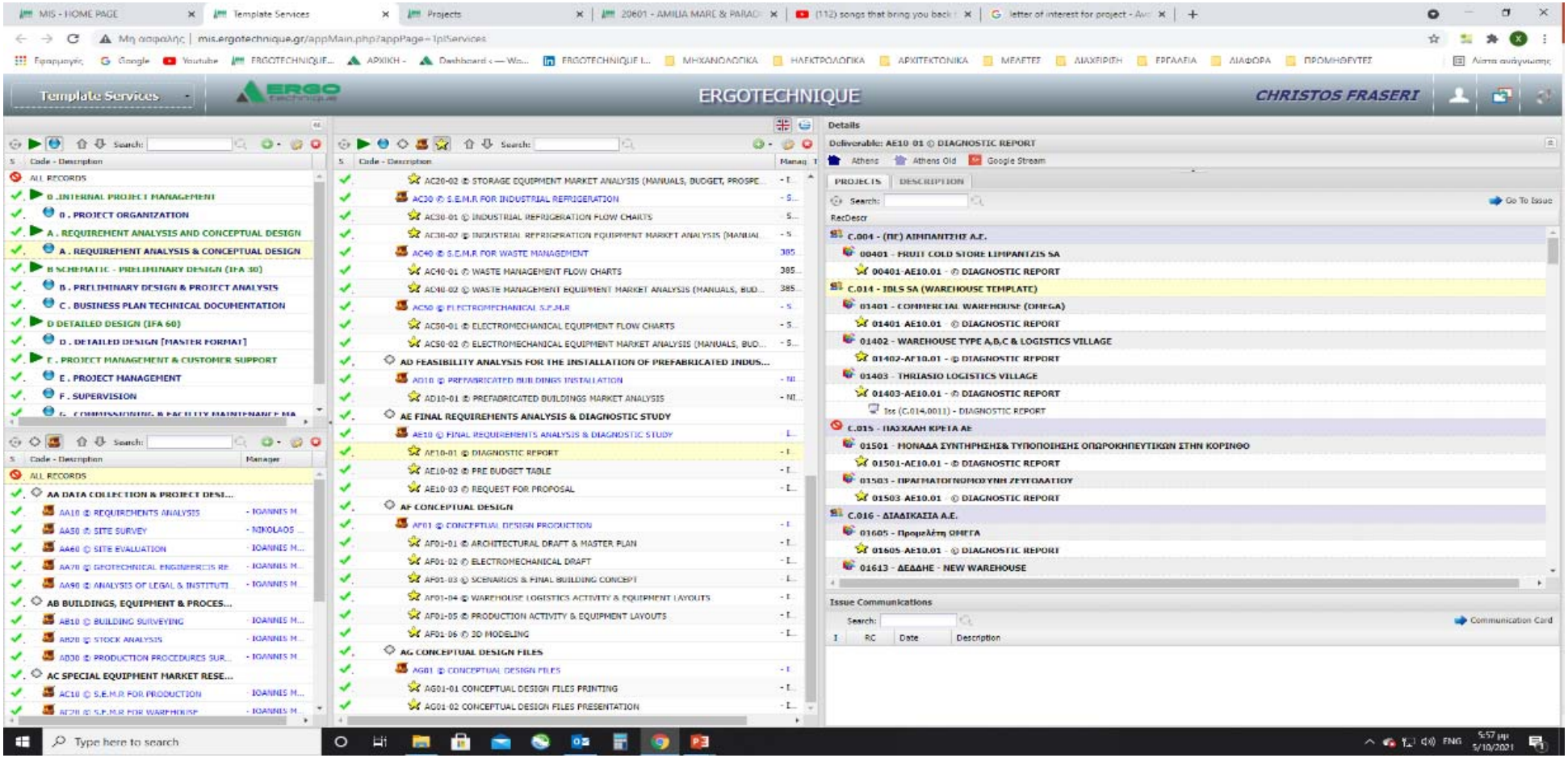
ERGO TECHNIQUE has developed its own software information management system in order to be worthy of expectations:



TECHNICAL MANAGEMENT (In house developed tools)

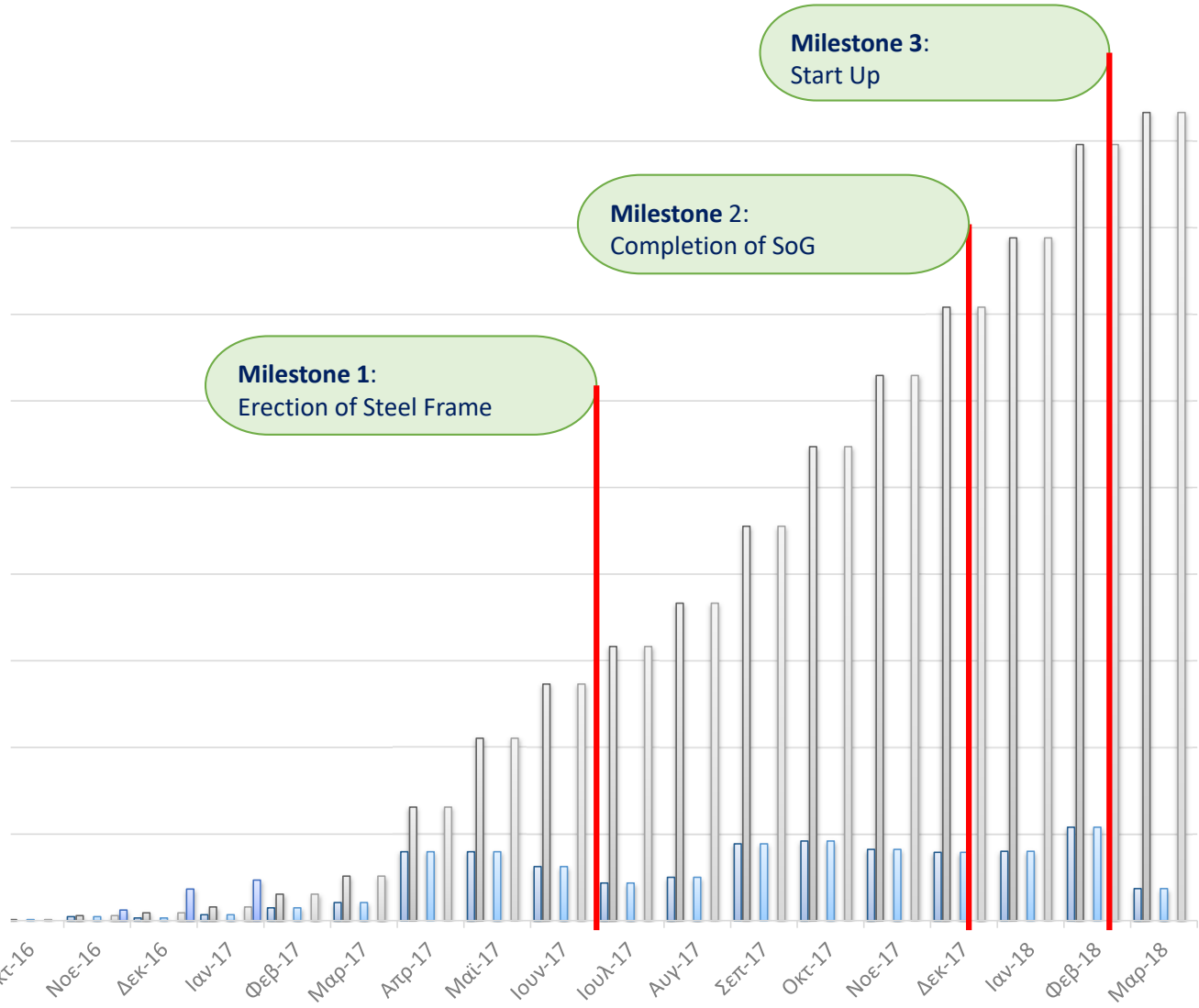
In house developed Cloud Application ensures:

- Documentation QA/QC
- Real time collaboration & online availability at any time with **0 error**
- Document transmittal generator



Time Schedule Management includes:

- Determination of **Project Milestones**
- Determination of **Procurement Schedule**, especially for materials with long lead time (e.g. equipment such as industrial doors etc.)



QA/QC Management includes **coordinating** all Sub-contractor submittals and specifying all managerial **procedures** between different works, so as to guarantee the **quality** of the Project, in terms of:

- Quality Assurance: Adherence to the Quality Management Plan

- Quality Control: Adherence to contract requirements and approved Method Statements and Inspection & Test Plans (ITPs)

Sub-contractor for PEB Steel

Sub-contractor for Sandwich Panels

Sub-contractor for Industrial Floors

Sub-contractor for HVAC

tyco
Fire Protection
Products

Model LD – 11.2 K-f
Large Drop Upright
Control Mode Speci

General Description

The TYCO Model LD, 11.2 K-factor Large Drop Upright Sprinkler, Standard Response Control Mode Specific Application is a glass bulb type automatic sprinkler. It is intended for use with the National Fire Protection Association "large drop sprinkler" installation criteria for the protection of high piled storage. The LD Sprinkler can provide a higher level of protection than standard spray sprinklers and, in some cases, can provide an economic advantage by eliminating in-rack sprinklers.

NOTICE

The TYCO Model LD 11.2 K-factor, Large Drop Upright Sprinkler described herein must be installed and maintained in compliance with this document, as well as with the applicable standards of the National Fire Protection Association, in addition to the standards of any other authorities having jurisdiction. Failure to do so may impair the performance of these devices.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition. Contact the installing contractor or manufacturer with any questions.

IMPORTANT

Always refer to Technical Data Sheet TFP700 for the "INSTALLER WARNING" that provides cautions with respect to handling and installation of sprinkler systems and components. Improper handling and installation can permanently damage a sprinkler system or its components and cause the sprinkler to fail to operate in a fire situation or cause it to operate prematurely.

Page 1 of 2

GRUNDF

Description	Value
Product name:	Hydro M
Product No:	950093
EAN number:	570083
Price:	On requ
Technical:	
Actual calculated flow:	22 m³/h
Min flow system:	2.4 m³/h
Max flow:	70 m³/h
Max flow system:	35 m³/h
Resulting head of the pump:	111 m
Head max:	126 m
Impellers main:	6
Main pump name:	CRI20-4
Main pump No:	965044
Number of pumps:	2
Non-ret. valve:	at disch
Installation:	
Maximum operating pressure:	16 bar
Maximum inlet pressure:	3.4 bar
Flange standard:	DIN
Manifold inlet:	DN 80
Manifold outlet:	DN 80
Pressure stage:	PN 10/1
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	5 .. 60 °
Liquid temp:	20 °C
Density:	998.2 k
Kinematic viscosity:	1 mm2/
Electrical data:	
Power (P2) main pump:	11 kW
Mains frequency:	60 Hz
Rated voltage:	3 x 380
Rated voltage main pump:	3 x 380
Start. method:	star/delt
Starting main:	star/delt
Rated current of system:	42.8 A
Enclosure class (IEC 34-5):	IP54
Mains cable size:	L1,L2,L
Radio interference supression:	EMC C [2007]
Controls:	
Control type:	S
Speed control:	NONE
Tank:	
Diaphragm tank:	No
Others:	
Basis plant:	Y
Net weight:	394 kg
Gross weight:	514 kg
Product range:	Internat
Config.file Control MPC:	982720
Config.file Hydro MPC:	982720
Epstan version:	V5.134

Printed from Grundfos CAPS [2014.01.04

LOADING SYSTEMS

DOCK EQUIPMENT & INDUSTRIAL DOORS

Dock equipment

www.loading-systems.com English

age vacuum circuit-breakers

ELEMKO SA

EM COMPONENTS

d conductor
00

uctor system and earth termination walls or on metallic surfaces. It is crew and an aluminium (Al) spacer O 61 03 201 – not included). The 6x16 mm, according to EN 27046.

nstructions

s Steel, St/tZn

stainless steel wood fixing screw and a PVC wall plug Ø8 (not

blind rivet nut (part number 504409 – not included) and an screw (part number ELEMKO not included)

standard IEC EN 62561-4 "Lightning conductor fasteners". The tests were

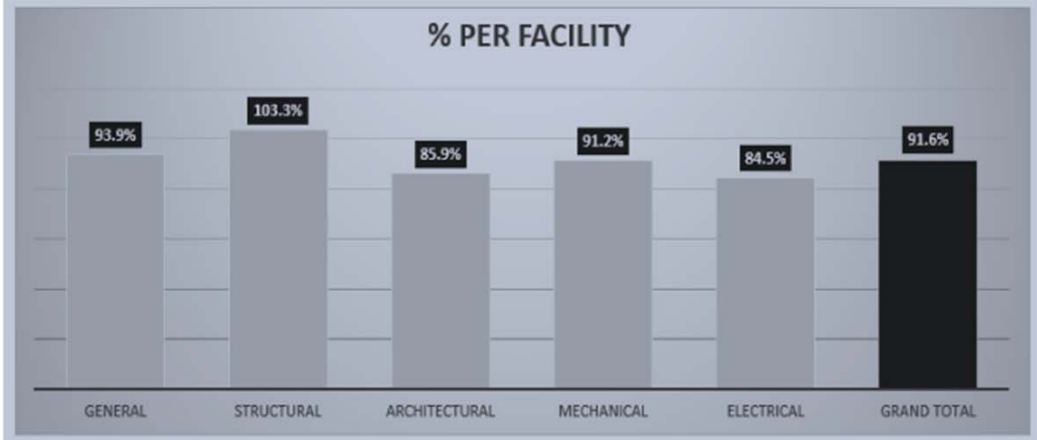
Photo

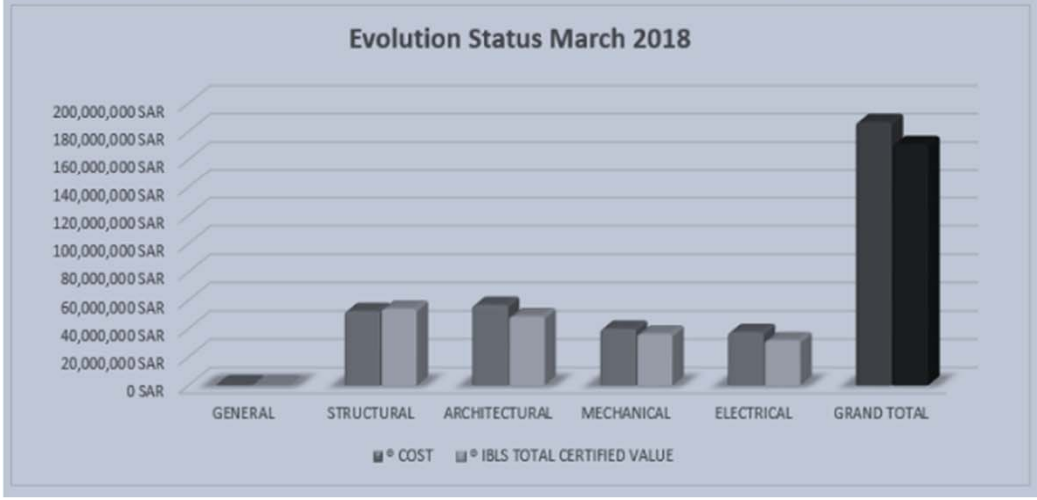
Fastener

Sealing washer

Power and productivity for a better world™ ABB

PROJECT BUDGET / © DIVISION





PROJECT BUDGET / © Section

© FACILITY	© DIVISION	© SECTION	© COST	© IBL$ TOTAL CERTIFIED VALUE	© IBL$ CERTIFICATION No 16	% per Section
GENERAL						
	DIVISION 01 - GENERAL REQUIREMENTS					
		D01.33. Submittal Procedures	53,200 SAR	53,200 SAR	0 SAR	100%
		D01.35. Special Procedures	17,100 SAR	17,100 SAR	0 SAR	100%
		D01.51. Temporary Utilities	61,750 SAR	61,750 SAR	0 SAR	100%
		D01.52. Construction Facilities	60,800 SAR	46,550 SAR	0 SAR	77%
		D01.54. Construction Aids	7,600 SAR	0 SAR	0 SAR	0%
		D01.58. Project Identification	5,700 SAR	5,700 SAR	0 SAR	100%
		D01.71. Examination and Preparation	90,250 SAR	90,250 SAR	0 SAR	100%
		D01.74. Cleaning and Waste Management	20,900 SAR	20,900 SAR	0 SAR	100%
		D01.77. Closeout Procedures	9,500 SAR	9,500 SAR	0 SAR	100%
		D01.78. Closeout Submittals	28,500 SAR	28,500 SAR	0 SAR	100%
STRUCTURAL						
	DIVISION 03 - CONCRETE					
		D03.21. Reinforcement Bars	4,070,194 SAR	4,070,194 SAR	0 SAR	100%
		D03.30. Cast-in-Place Concrete	3,578,478 SAR	3,578,478 SAR	0 SAR	100%
		D03.39. Concrete Curing	89,107 SAR	89,107 SAR	0 SAR	100%
		D03.45. Precast Architectural Concrete	2,669,846 SAR	2,669,846 SAR	0 SAR	100%
	DIVISION 03c - FLOORS					
		D03c.10. Bases & Sub-bases	747,316 SAR	747,316 SAR	0 SAR	100%
		D03c.11. Sub-floors	630,378 SAR	630,378 SAR	0 SAR	100%
		D03c.12. Industrial Floors	9,927,666 SAR	9,022,759 SAR	904,907 SAR	91%
		D03c.13. Refrigirated Area Floors	1,010,258 SAR	1,010,258 SAR	0 SAR	100%
		D03c.14. Floor Joints	278,109 SAR	208,582 SAR	69,527 SAR	75%
		D03c.16. Floor Finishings	1,430,737 SAR	1,001,516 SAR	0 SAR	70%
		D03c.17. Mezzanine Floors	1,323,271 SAR	1,323,271 SAR	0 SAR	100%
		D03c.20. Panel Protection Walls	132,580 SAR	85,660 SAR	46,920 SAR	65%
		D03c.21. Column Protection	476,410 SAR	238,205 SAR	238,205 SAR	50%
		D03c.22. Door Protection	396,123 SAR	198,062 SAR	198,062 SAR	50%
		D03c.23. Pedestrian and Vehicle Protection Bo	830,715 SAR	415,358 SAR	415,358 SAR	50%
	DIVISION 05 - METALS					
		D05.12. Structural Steel Framing	26,658,251 SAR	26,658,251 SAR	0 SAR	100%
		D05.19. Tension Rod and Cable Truss Assemb	70,685 SAR	70,685 SAR	0 SAR	100%
		D05.50. Metal Fabrications	390,973 SAR	273,681 SAR	234,584 SAR	70%
		D05.51. Metal Stairs	1,297,130 SAR	1,102,561 SAR	194,570 SAR	85%
		D05.52. Metal Railings	579,766 SAR	492,801 SAR	86,965 SAR	85%
		D05.53. Metal Gratings	0 SAR	(-)	(-)	(-)
		D05.54. Metal Floor Plates	115,150 SAR	97,878 SAR	17,273 SAR	85%
ARCHITECTURAL						
	DIVISION 04 - MASONRY					
		D04.21. Clay Unit Masonry	191,430 SAR	191,430 SAR	0 SAR	100%
	DIVISION 07 - THERMAL AND MOISTURE PROTECTION					

Valuations Management includes **cash flow and payments** management in relation to **percentage of completion for all different works** and Sub-contractors.

ERGO TECHNIQUE also certifies the technical adequacy of all its studies up to the amount of **600.000€.**

ERGO TECHNIQUE also can certifies the technical adequacy of all its studies for specific amount after request**.**

THIRD PARTY LIABILITY & SPECIAL RISKS DIVISION
Ref. No: 20263

Athens, 7/9/2020

CERTIFICATE OF INSURANCE

This is to certify that the company **ERGO TECNIQUE SA** is covered by the Ethniki Hellenic General Insurance Co. S.A. under a Third Party and Employers Liability Policy No **1072859** from 13/7/2020 to 12/7/2021 according to its terms, conditions and exclusions and up to the following limits:

GENERAL THIRD PARTY LIABILITY:		
-Bodily injury per person	€	200.000
-Material damages	€	200.000
-Bodily injury group accident	€	400.000
-In the aggregate	€	600.000
EMPLOYERS LIABILITY:		
-Bodily injury per person	€	200.000
-Bodily injury group accident	€	400.000
-In the aggregate	€	600.000

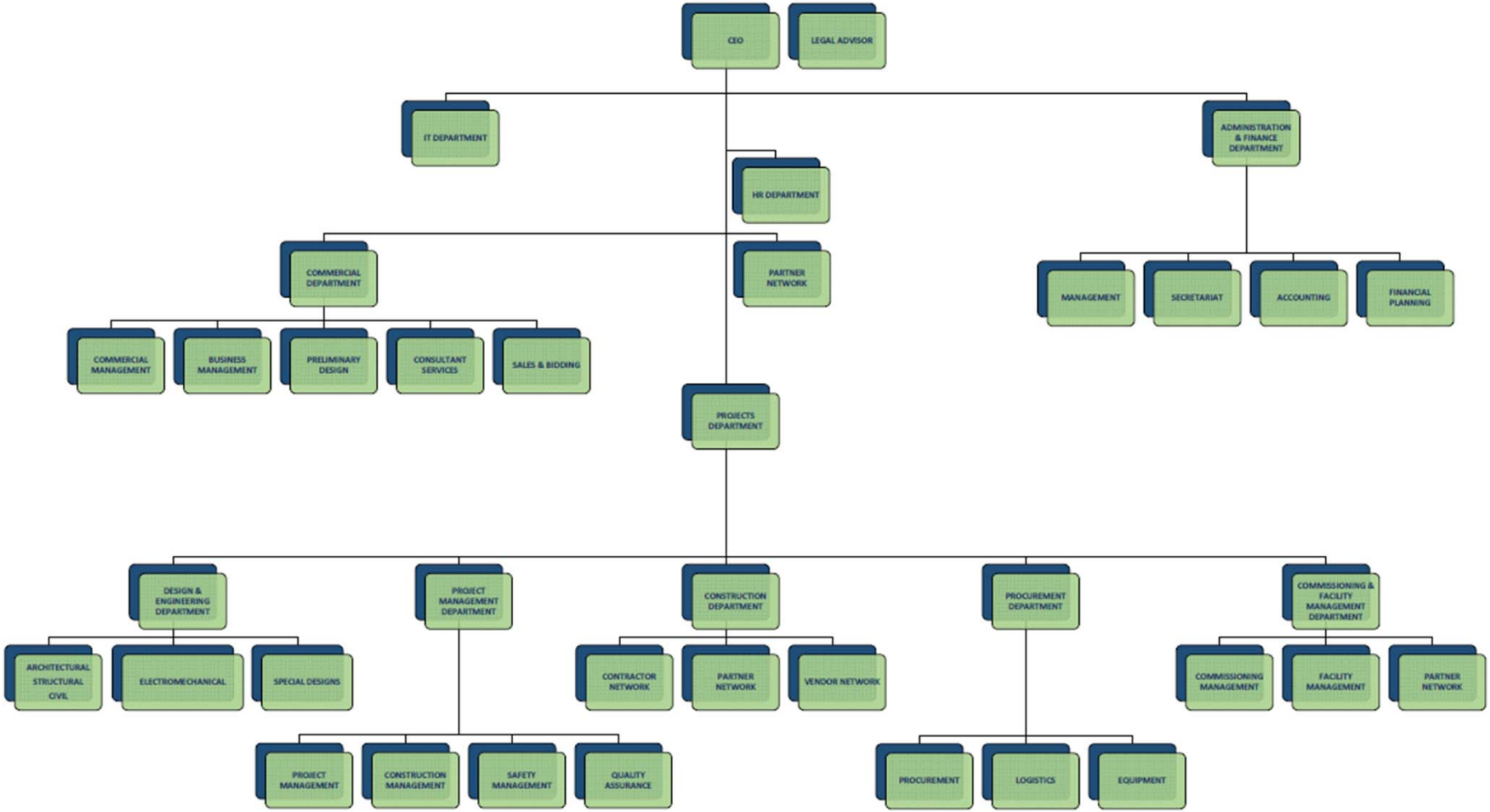
CO-INSURED: Contractors and Subcontractors ,

FOR THE ETHNIKI
HELLENIC GENERAL INSURANCE CO. S.A.

INTERNAL

COMPANY STRUCTURE

2025



KÜHNE+NAGEL

Raben INTERTRANS

ELGEKA

everty

CARGO BOOK SHIPPING & TRANSPORT S.A.

DIAKINISIS Logistics Services

ATHINAIKI S.A. LOGISTICS & TRANSPORT SERVICES

Aegean Fresko

PCDC

COSCO SHIPPING

PLASTIKA KRITIS S.A.

SARMED logistics made perfect

POLEMBROS SHIPPING

HATZIYIANNAKIS

ekol | LOGISTICS 4.0

synergy
Engineering Solutions

ΚΡΑΛΛΗΣ
KRALLIS

TOYOTA
MATERIAL HANDLING

αλφαμεγα

Eurodrip

TRANSCOMBI EXPRESS Your Logistics Partner

FDL GROUP

C.A.PAPAELLINAS GROUP

ATHENS ECONOMICS
adding value to your real estate project

EUROPEAN PROPERTY AWARDS
REAL ESTATE
AWARD WINNER
2019-2020

H. I. G. EUROPE

INVENTIO CONSULTING

MAKIOS LOGISTICS

streem GLOBAL

ELLA RESORTS

MAYOR HOTELS & RESORTS

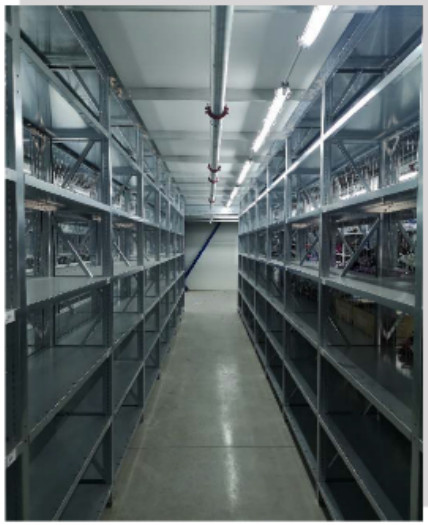
Ten Brinke Hellas

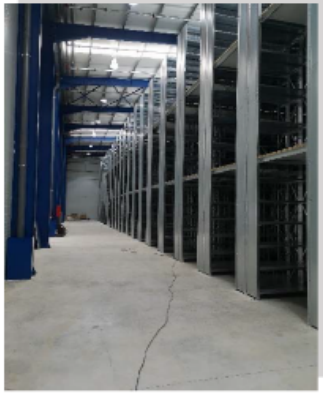
BROOKLANE

Ansys

SARMED LOGISTCS SA (2021-TODAY)
DESIGN TO CONSTRUCTION - INSTALLATION OF SPRINKLER SYSTEM, FIRE DETECTION, LIGHTING FIXTURES & HVAC SYSTEM IN SELF-SUPPORTING RACK MEZZANINE : 1250 m2
BUDGET : 500.000 €






SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
D. DESIGN
J. SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

KUEHNE + NAGEL SA (2021)
DESIGN TO CONSTRUCTION - INSTALLATION OF SPRINKLER SYSTEM & LIGHTING FIXTURES IN SELF-SUPPORTING RACK MEZZANINE : 1500m2
BUDGET : 50.000 €

SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
D. DESIGN
J. SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

KRALLIS ABEE (2021)
DESIGN TO CONSTRUCTION - CONSTRUCTION OF WAREHOUSE EXPANSION, REMODELING OF EXISTING WAREHOUSE & INSTALLATION OF EPOXY
FLOOR: 1000 m2
BUDGET : 70.000 €

SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
D. DESIGN
J. SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

INVENTIO SA (2020-2021)
CONSEPTUAL DESIGN FOR NEW LOGISTICS VILLAGE IN OLD STEEL PLANT - ASPROPYRGOS - TOTAL PLOT AREA : 291000m2
BUDGET : 60.000.000 €

TOTAL COVERED AREA (m^2)	133.003
TOTAL BUILT-UP AREA Min. (m^2)	175.441
TOTAL BUILT-UP AREA Max. (m^2)	183.865
CURENT FAR Min.	0,60
CURENT FAR Max.	0,63
TOTAL PLOT AREA (m^2)	**290.969**
TOTAL LANDSCAPE AREA (m^2)	**157.966**

SERVICES

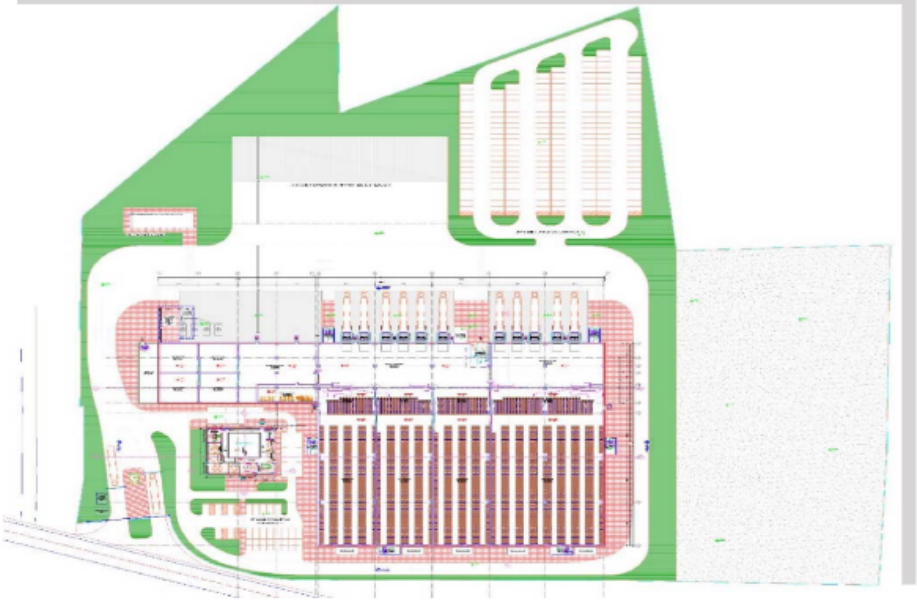
A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
B. PRELIMINRARY DESIGN & CONCEPTUAL DESIGN

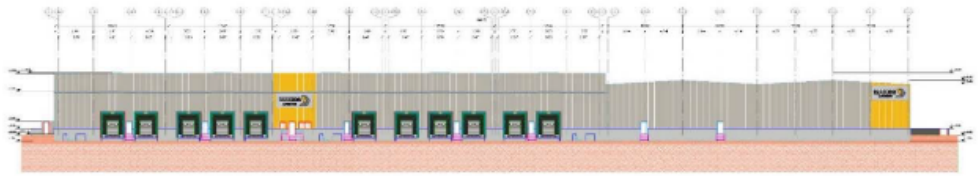
SARMED LOGISTCS SA (2021)
DESIGN TO CONSTRUCTION - CONSTRUCTION OF CONTROLLED TEMPERATURE CHAMBER & INSTALLATION OF HVAC SYSTEM: 2000 m2
BUDGET : 100.000 €

SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
D. DESIGN
J. SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

MAKIOS LOGISTCS SA (2021)
DETAILED DESIGN - DESIGN OF NEW INDUSTRIAL BUILDING WITH COOLING, MEP BUILDING AND ADMINISTRATION BUILDING: 46000 m2
BUDGET : 16.000.000 €

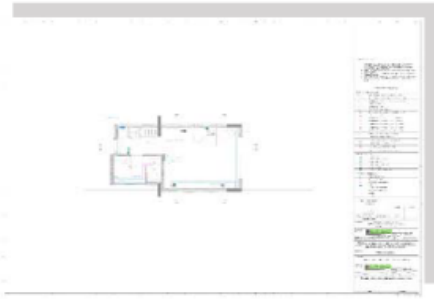


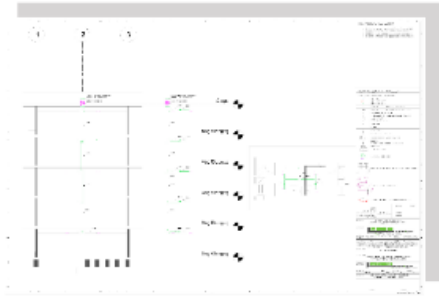


SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
B. PRELIMINARY STUDY
D. DETAILED DESIGN & TENDER FILES

TEN RHODES SA - AMILIA MARE & PARADISE VILLAGE (2019-TODAY)
DESIGN TO SUPERVISION – HOTEL UNIT RECONSTRUCTION MEP STUDIES & GENERAL SUPERVISION OF MEP INSTALLATION: 2000 m2
BUDGET : 35.000.000 €





SERVICES

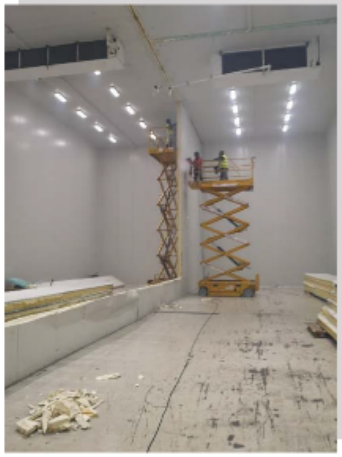
A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
B. PRELIMINARY STUDY
D. DETAILED DESIGN & TENDER FILES
E. ASSISTANCE PROJECT MANAGER

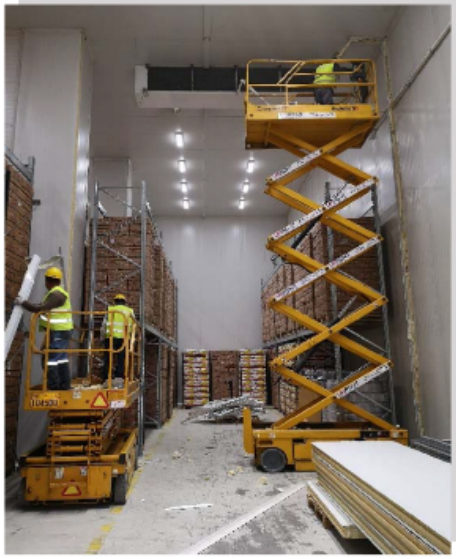
HATZIGIANNAKIS DRAGEES S.A. (2019-TODAY)
PRELIMINARY DESIGN - INVESTMENT PROGRAMME DESIGN 4.2.2 MINISTRY OF RURAL DEVELOPMENT AND FOOD -
NEW DRAGEE PRODUCTION UNIT: 15000 m2
BUDGET : 10.000.000 €

SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
B. PRELIMINARY STUDY
D. DETAILED DESIGN & TENDER FILES

Piraeus Freight Management and Distribution Center – PCDC SA (2021)
DESIGN TO CONSTRUCTION - RECONSTRUCTION OF COLD CHAMBERS : 2000 m2
BUDGET : 100.000 €





SERVICES

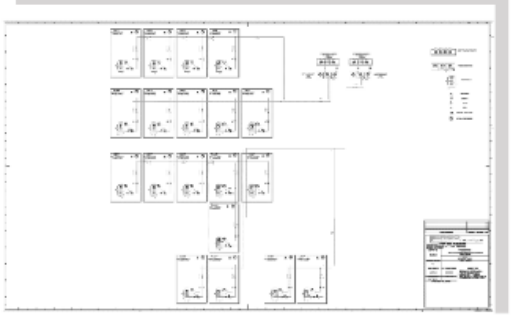
A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
D. DESIGN
J. SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

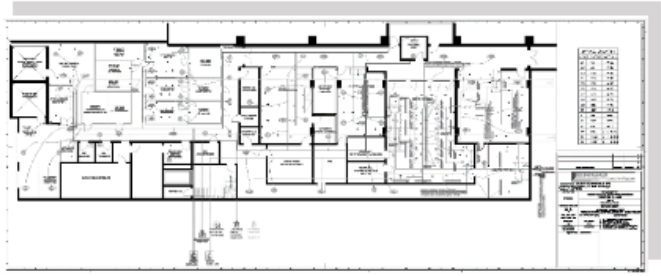
TEN BRINKE SA (2019)
DETAILED DESIGN - NEW LOGISTICS VILLAGE : 45000 m2
BUDGET : 15.000.000 €

SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
B. PRELIMINARY STUDY
D. DETAILED DESIGN & TENDER FILES

TEN RHODES SA - AMILIA MARE & PARADISE VILLAGE (2019)
DESIGN TO PROJECT MANAGEMENT – MEP STUDIES FOR KITCHEN RECONSTRUCTION & PROJECT MANAGEMENT OF MEP INSTALLATIONS: 2000 m2
BUDGET : 3.000.000 €

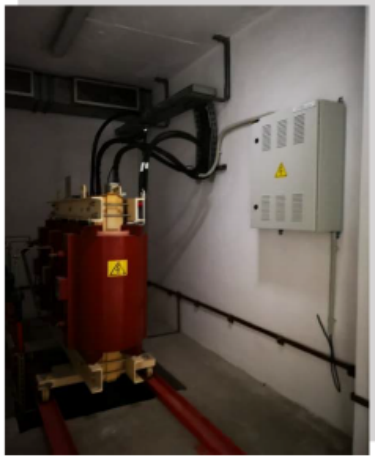
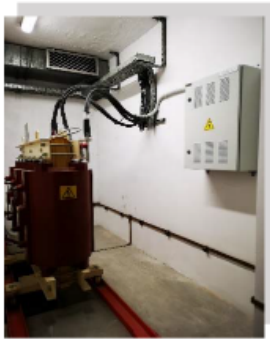




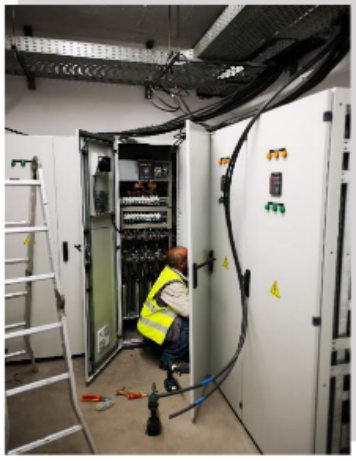
SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
B. PRELIMINARY STUDY
D. DETAILED DESIGN & TENDER FILES
E. GENERAL MANAGEMENT
F. PROJECT MANAGEMENT
G. COMMISSIONING MANAGEMENT

POLEMBROS SHIPPING LIMITED (2019)
DESIGN TO CONSTRUCTION - NEW LV PANELBOARDS
BUDGET : 100.000 €



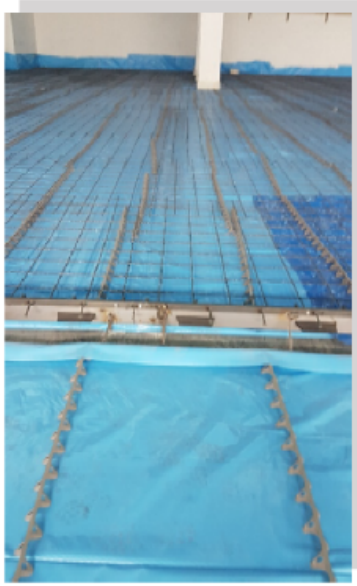
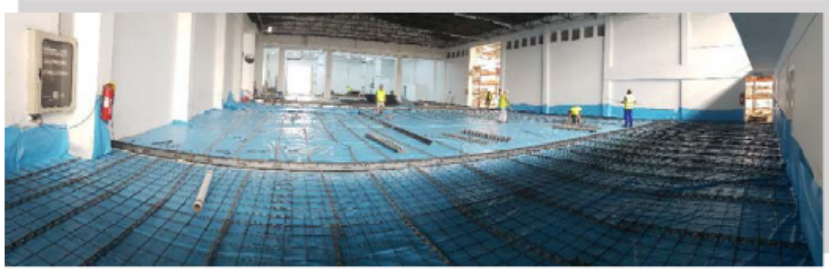
SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
D. DESIGN
J. SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

PLASTIKA KRITIS SA (2018)
DETAILED DESIGN TO CONSTRUCTION - NEW INDUSTRIAL FLOOR : 3000 m2
BUDGET : 100.000 €



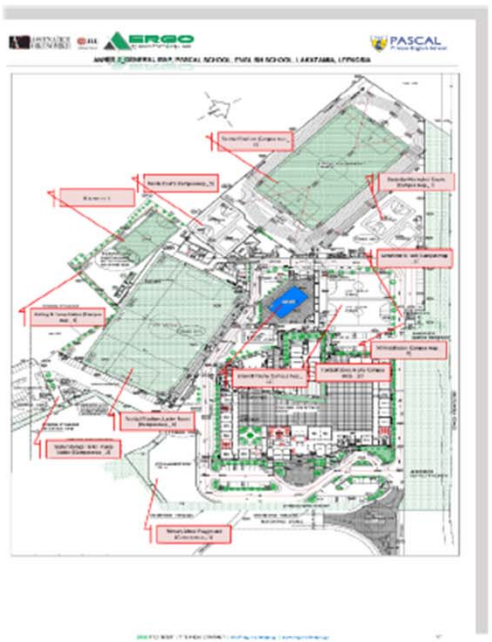


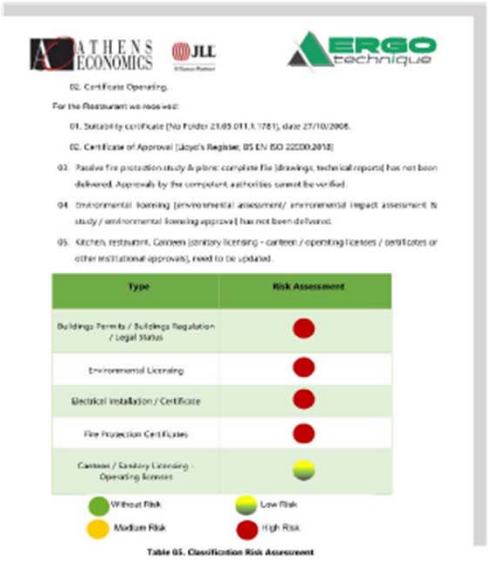

SERVICES

A. REQUIRMENT ANALYSIS & DIAGNOSTIC REPORT
D. DESIGN
J. SUPPLY, CONSTRUCTION & SPECIAL EQUIPMENT INSTALLATION

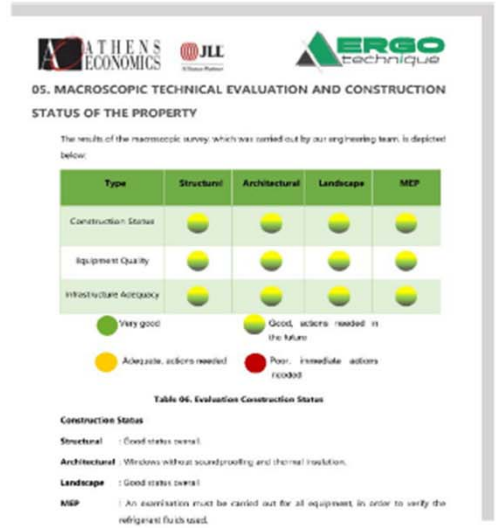
ATHENS ECONOMICS LTD (2021)
CONSULTING - TECHNICAL DUE DILIGENCE
BUDGET : - €



04. PERMITS, CERTIFICATES AND DOCUMENTATION REGARDING LEGAL CONFORMITY



02. Certificate Operating.



05. MACROSCOPIC TECHNICAL EVALUATION AND CONSTRUCTION STATUS OF THE PROPERTY

Type	Structure	Architectural	Landscape	MEP
Construction Status				
Equipment Quality				
Infrastructure Adequacy				

Very good — Good, actions needed in the future
Adequate, actions needed — Poor, immediate actions needed

Table 06. Evaluation Construction Status

Construction Status

Structural : Good status overall.
Architectural : Windows without soundproofing and thermal insulation.
Landscape : Good status overall.
MEP : An examination must be carried out for all equipment, in order to verify the refrigerant fluids used.

SERVICES

A. SITE EVALUATION TECHNICAL DUE DILIGENCE

KUEHNE + NAGEL SA (2019-TODAY)
FACILITY MAINTENANCE : 17000 m2
BUDGET : - €

SERVICES

E. PROJECT MANAGEMENT
H. INTEGRATED FACILITY MANAGEMENT

LOADING.....

THANK YOU!

Lofos Kyrilloy, 19300,Aspropyrgos, Greece

210 7107524

www.ergotechnique.gr

info@ergotechnique.gr