

Requalificação de Unidade Industrial da Sapec Química

Parque Industrial e Logístico SAPEC Bay (Freguesia do Sado, concelho de Setúbal)

Improvement of Industrial Storage **Parque Industrial e Logístico SAPEC Bay / Setúbal - Portugal**

Work Description

SAPEC QUÍMICA awarded to Seth the requalification works of the industrial unit located in the Sapec bay Industrial and Logistic Park, specifically in the execution of the demolition works of the storage area of the existing building with approximately 1,901.37 m² of construction area and for its replacement, in the construction of a building with an area of 2,240.00 m² designated by a 70x32 spacecraft, also destined to the use of storage, in the construction of technical gallery under the new warehouse and supply of installation of crossings and set of tubes , support infrastructures and external pavements.



The contract also included the elaboration of the following projects of the specialties:

- Stability project;
- Project fire safety in buildings;
- Electricity and communications project;
- Project of pavements in concrete and bituminous, which also contemplates the exterior of the work area;
- Projects of water and domestic effluents;
- Project of requalification of the network and containment of treated rainwater and industrial waters and control of spills;
- Gas, thermal and acoustic projects.



Resumo da Obra

Work Summary

Cliente	SAPEC QUÍMICA, SA	<i>Client</i>
Tipo de contrato	Valor Global / Lump Sum	<i>Contract type</i>
Data de construção	2018-2019	<i>Construction period</i>
Custo	EUR 1.368.299,98	<i>Cost</i>

Armazém Industrial S2 e S3

Parque Industrial SAPEC Bay (Freguesia do Sado, concelho de Setúbal)

Industrial Storage
Parque Industrial SAPEC Bay / Setúbal - Portugal

Work Description

SAPEC AGRO awarded to Seth the construction of the new Warehouse S2/S3 inside the industrial park SAPEC BAY (Setubal), in order to ensure the increase in storage capacity of finished products are manufactured in SAPEC AGRO.

With a 4,100 m2 area of deployment this warehouse has been designed and implemented to work with four distinct storage areas ("cantons") and separated by firewalls, connected by a central corridor. The minimum right foot is 10 m in all storage spaces. Even within the covered warehouse area was performed a technical area offices with two floors with a total area of 250 m2.

The Warehouse S2/S3 was built in less than seven months, and included the following work:

- Demolition of existing single floor slab, 4,300 m2;
- General excavation for platform preparation, 6,000 m3;
- Existing retaining wall replacement, 70 ml;
- Implementation of direct foundations/in-situ shoes, 450 m3;
- Prefabrication and installation of concrete elements: pillars (70 pcs), prefabricated panels (4,000 m2) and beams (24 m long);
- Panel type "sandwich" mounting in rock wool on the roof and on the facade;
- Execution of armed storey slabs with surface hardener - 4,000 m2;
- Implementation of infrastructure electricity and telecommunications;
- Installation of 18 outflow points in the coverage.

Main quantities

- 10,000 m2 of reinforced concrete floor;
- 170 tons of metal structures;
- 1,000 m3 of concrete foundations and various structures.



Resumo da Obra

Work Summary

Cliente	SAPEC-AGRO, SA	Client
Tipo de contrato	Valor Global / Lump Sum	Contract type
Data de construção	2015-2016	Construction period
Custo	EUR 1.840.000,00	Cost

Requalificação do Edifício T-715 para consolidação de eficiência

Base das Lajes, Ilha Terceira, Açores

Renovate Building T-715 for Civil Engineering (CE) Consolidation Efficiency

Lages Field, Terceira Island, Azores (Portugal)

Work Description

Existing building renovation in Lages Field, Azores (Portugal), to accommodate United States Air Force (USAF) Civil Engineering Squadron (CES).

The work includes:

- Selective demolition including Asbestos and Lead based Paint abatement and disposal;
- Reconfiguration of programmatic spaces which consist mostly of offices, conference rooms, storage, bathrooms, and utilities shop space;
- New roof system installation (LSF structure and roof panels);
- Exterior wall repairs and painting;
- Finish upgrades including partitions, pavements, ceilings and doors;
- Elevator installation;
- HVAC system and Direct Digital Control installation;
- Interior water distribution installation and water main connection;
- Sewer system installation (interior and connections to main);
- Electrical System installation/conversion to European standards including:
 - Transformer;
 - Electrical Panels;
 - Cable Trays;
 - Cables
 - Accessories;
 - Luminaires;
 - Lightning Protection System;
 - Grounding;
 - Generator Set installation;
 - New Communication System (cable tray, cables, accessories and racks);
 - Fire alarm and Sprinkler system installation.



Resumo da Obra

Work Summary

Cliente	USAF – United States Air Force	Client
Tipo de contrato	Valor Global	Contract type
	Lump Sum	
Data de construção	2021-2022 (job in progress)	Construction period
Custo	EUR 3.608.867,04	Cost
Observações	Work in Consortium	Notes

Requalificação e reconversão de Edifício para Manutenção de Viaturas

Base das Lajes, Açores

Convert T-611 to LRS Vehicle Maintenance

Lages Field, Terceira Island, Azores (Portugal)

Trabalhos Efectuados

A **Seth, S.A.** Executou para a Força Aérea Americana os trabalhos de requalificação do edifício T-611 na Base Aérea das Lages, na Ilha Terceira (Açores).

A empreitada permitiu reconverter o armazém existente para oficina de manutenção de viaturas e englobou os seguintes trabalhos:

- Demolição de paredes em alvenaria e em betão;
- Desmontagem da estrutura metálica da cobertura;
- Remodelação e adaptação das instalações especiais ao nível de arquitectura, estruturas, redes de águas e esgotos, AVAC, protecção contra incêndios, sistemas de alarmes e instalações eléctricas.

Job description

The 65th Contracting Flight (USAF) granted for Seth the work contract to Convert T-611 to LRS Vehicle Maintenance at Lages Field, Azores, Portugal.

Renovation of the existing T-611 building was promoted to convert the facility from a warehouse into a vehicle maintenance shop.

The scope of work includes:

- Selective demolition of significant portions of the existing warehouse building and constructing new cast-in-place concrete walls and steel roof structure.
- Alterations to site utilities, architectural, structural, plumbing, HVAC, fire protection, fire alarm, and electrical systems will be required as described in drawings and specifications.

Work also includes all incidental and related tasks necessary to provide a complete and usable facility for its intended purpose.



Resumo da Obra

Work Summary

Cliente	USAF – United States Air Force	Client
Tipo de contrato	Valor Global	Contract type
	Lump Sum	
Data de construção	2014-2016	Construction period
Custo	EUR 1.579.124,62	Cost

Estação de Enchimento de Garrafas de Gás

Galp Gás, SA – Refinaria de Sines

Sines - Portugal

Sines LPG Bottle Filing Plant

Sines Refinery of Galp, SA

Sines - Portugal

Work Description

Seth, SA, carried out all the civil construction work for the Gas Bottle Filling Plant undertaken at the Sines Refinery of Galp, SA, where its customer was Galp Gás, SA.

Of the work undertaken, we would underscore the filling building, the office building (including electricity, water and drains networks), the porters buildings (including the electricity network), the fork-lift truck garage, the steel pipe-rack to support the pipework over the railway line, the compressed-air and pumping equipment foundations, the entire water and drains networks, as well as connecting up with the existing networks, the electrical and instrumentation networks, 10,000 m2 of concrete flooring for the full and empty bottle store, as well as full support to all the civil construction work in respect of the installation of the booster pumps using to supply the gas to the new facility.

Main quantities:

- 10,000 m2 reinforced concrete paving;
- 170 tonnes of steel structures;
- 1,000 m3 of concrete for foundations and sundry structures.



Resumo da Obra

Work Summary

Cliente	TECHNIP PORTUGAL, SA	Client
Tipo de contrato	Valor Global	Contract type
	Lump Sum	
Data de construção	2004	Construction period
Custo	EUR 2.000.000,00	Cost

Dyrup - Armazém de Produtos Acabados

Sacavém - Portugal

Dyrup - Warehouse for Finished Products

Sacavém - Portugal

Construção de um edifício em estrutura metálica.

Construction of a prefabricated metal building

Dimensões / Dimensions: 70 x 51 m

Vão livre / Free span: 51 m

Betão / Concrete: 4100 m³

Pavimentos exteriores

Exterior pavements: 4500 m²

Aterro / Earth fill: 17 500 m³

Laje do armazém dimensionada para 100 kN de carga concentrada

Warehouse ground slab sized for 100 kN concentrated live load

Principais características / Main features

Piso elevado para escritórios (70 x 10 m).
Mezzanine for office space (70 x 10 m).

10 cais de carga/descarga com plataforma hidráulica e sistema eléctrico
10 loading/unloading docks with hydraulic platforms and electrical system

Isolamento térmico total
Full thermal insulation

Arranjos exteriores
Landscaping

Resumo da Obra

Work Summary



Cliente
Fiscalização
Tipo de contrato

Data de construção
Custo
Arquitectura
Projecto de estabilidade
Instalações especiais

Tintas Dyrup, SA
Proman
Preço Global
Lump Sum
1997 - 1998
PTE: 446.400.000
Arquipedra
Planege
Planege

Client
Inspection Agency
Contract type

Construction period
Cost
Architect
Structural design
Mechanical/Electrical

Escola Secundária de Rainha Sta. Isabel Escola Secundária de Severim de Faria

Estremoz / Évora

Rainha Sta. Isabel Secondary School
Severim de Faria Secondary School
Estremoz / Évora, Portugal

Job Description

Seth (in consortium with two other companies) has carried out rehabilitation work at the Rainha Sta. Isabel Secondary School (in Estremoz) and at the Severim de Faria Secondary School (in Évora).

These jobs, included in "Stage 2A of the Secondary Schools Modernisation Programme - Lot 2AS3" in respect of the schools of Évora and Estremoz, were awarded to the consortium for the sum of 22,680,401.33 euros.

The works included remodelling, modernisation and (in some cases) enlargement of the schools, the idea being to rehabilitate and modernise the buildings and to re-establish their physical and functional efficacy, from a standpoint of creating conditions to provide modern education suited to the programme contents, the didactic contents and the new information and communication technologies.



Rainha Sta. Isabel Secondary School - ESTREMOZ

Rainha Sta. Isabel Secondary School

Location: Estremoz
 Planned capacity: 39 classes
 Architecture / Project Co-ordination: José Laranjeira
 Completion deadline: 15 months
 Cost: EUR 12,207,000.00

Severim de Faria Secondary School

Location: Évora
 Planned capacity: 36 classes
 Architecture / Project Co-ordination:
 FSSMGN Arquitectos, Lda (Fernando Sanches Salvador
 and Margarida Grácio Nunes)
 Completion deadline: 15 months
 Cost: EUR 10,980,000.00



Severim de Faria Secondary School - ÉVORA

Resumo da Obra

Work Summary

Cliente	Parque Escolar, EPE (Entidade Pública Empresarial)	Client
Tipo de contrato	Preço Global Lump Sum	Contract type
Data de construção	2009-2010	Construction period
Custo final	EUR 23.187.000,00	Cost
Observações	Job in consortium	Notes

Modernização da Escola Secundária Braamcamp Freire Pontinha

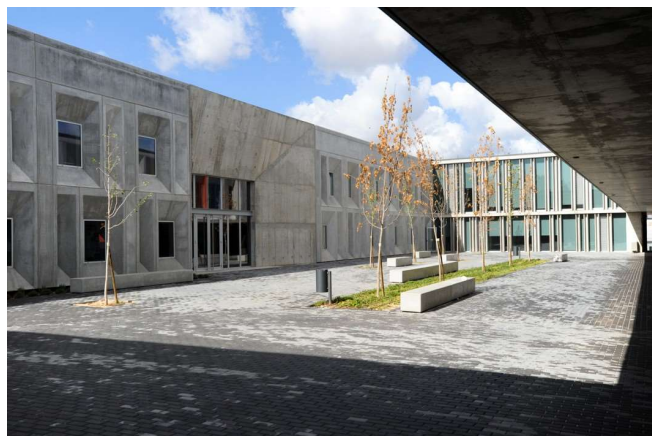
Secondary School Modernisation Programme at Pontinha Portugal

Description of works

Seth (in consortium with two other companies) carried out the modernization work of Freire Bramcamp Secondary School, located at Rua Dr. Gama Barros, Pontinha, Amadora.

These works, integrated into the process of "modernization for phase 3A of the Schools Modernisation program with Secondary Education - Lot 3 L1 EI" were awarded to the consortium by the value of 12,476,478.86 euros.

The works comprised the refurbishment, modernization and expansion of that school, in order to rehabilitate and modernize the buildings, restoring the physical and functional effectiveness, with a view to creating conditions for the practice of a modern education, adapted to the syllabus, to teaching and new technologies of information and communication.



Partial view of the schoolyard



Overview of the school buildings

Resumo da Obra **Work Summary**

Cliente	Parque Escolar, EPE (Entidade Pública Empresarial)	<i>Client</i>
Tipo de contrato	Preço Global Lump Sum	<i>Contract type</i>
Data de construção	2011-2012	<i>Construction period</i>
Custo final	EUR 12.476.478,00	<i>Cost</i>
Observações	Obra feita em consórcio	<i>Notes</i>

Escola Secundária Emídio Garcia
Bragança
Secondary School Modernisation Programme
at Bragança
Portugal
Description of works

Seth (in consortium with two other companies) carried out the modernization work Emídio Garcia Middle School, located at Rua Eng Adelino Amaro da Costa, the city of Bragança.

These works, integrated into the process of "modernization for phase 3A of the Schools Modernisation program with Secondary Education - Lot 3EN10" awarded to the consortium by the value of 12,950,871.18 euros.

The works comprised the refurbishment, modernization and expansion of these schools, in order to rehabilitate and modernize the buildings, restoring the physical and functional effectiveness, with a view to creating conditions for the practice of a modern education, adapted to the syllabus, to teaching and new technologies of information and communication.



General view of the schoolyard



General view of the schoolyard

Resumo da Obra
Work Summary

Cliente	Parque Escolar, EPE (Entidade Pública Empresarial)	<i>Client</i>
Tipo de contrato	Preço Global Lump Sum	<i>Contract type</i>
Data de construção	2011-2012	<i>Construction period</i>
Custo final	EUR 12.950.871,18	<i>Cost</i>
Observações	Obra feita em consórcio	<i>Notes</i>

Aldeamento Turístico de 5 estrelas

Reserva – Quinta do Lago (Algarve)

5 Star Touristic Luxury Apartments

Reserve – Quinta do Lago (Algarve), Portugal

Descrição dos trabalhos

A Seth executou, em consórcio, o aldeamento turístico de 5 estrelas, denominado de “Reserva” composto por vinte e seis (26) apartamentos turísticos, clube de residentes e respectivos arranjos exteriores, num lote de terreno com 14.000m² de área na Rua das Palmeiras, Quinta do Lago, município de Loulé.

O aldeamento turístico de 5 estrelas “Reserva” compreende moradias de luxo com jardim e *penthouses*, com estacionamento, piscinas e elevadores privativos.

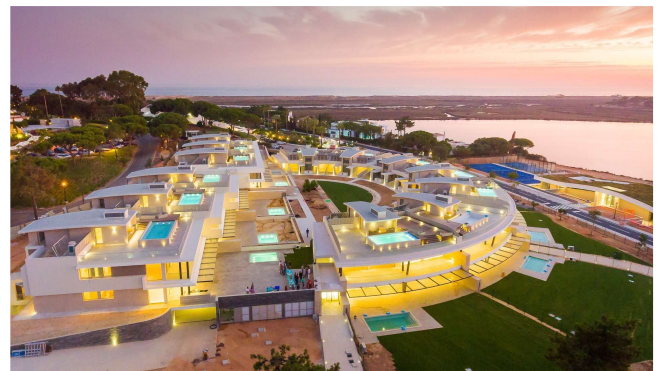
O referido aldeamento turístico possui o seu próprio “Club House”, restaurante, bar, ginásio privado, parque infantil e campos de desporto.

Work Description

Seth executed (in Consortium) a five-star tourist resort, called "Reserve", consisting of twenty-six (26) tourist apartments, residents' club and respective exterior arrangements, on a 14.000 square meters plot of land located in Quinta do Lago, municipality of Loulé (Algarve, Portugal).

The five star luxurious touristic resort is conveniently located, with easy access to all major freeways, comprises luxury villas with garden and penthouses, private parking, individual swimming pools and private elevators.

This tourist village has its own Residents' Club and respective gardens and external works, restaurant, bar, private gym, children's playground and sports fields.



Resumo da Obra

Work Summary

Cliente	Quinta Reserva – Empreendimentos
	Imobiliários e Turísticos, SA
Tipo de contrato	Preço Global
	Lump Sum
Data de construção	2017-2018
Custo final	EUR 23.500.000

Client
Contract type

Construction period
Cost

Novo edifício-sede da Seth

Queijas (Oeiras)

Corporate Headquarters
Queijas (Oeiras), Portugal

Work description

The main goal in the design of the new headquarters underwent achieve harmonize three fundamental aspects: aesthetics, functionality and energy efficiency.

The main dimensions of the building are the following:

Deployment area - 1334m²
 Construction area above ground - 1583m²
 Building area buried - 1289m²
 Sealed area - 1725m²
 Cércea maximum - 10.93 m

The building consists of 4 floors. The floor -2 intended to parking with 30 places, has 4 rooms and equipment storage pumping rainwater and sewage.

At floor -1 are given various types of usage: Living surveillance, parking for 20 cars, storage, gym, locker rooms, cafeteria, kitchen, boiler room, and the Medical Centre.

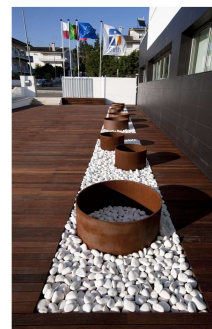
On the floors above ground and the offices are situated on the top floor are located the air handling equipment, air conditioning and building solar panels and photovoltaic.

The interior areas of the floors are:

Floor -2 - 1289m²
 Floor -1 - 1289m²
 Level 0 - 858m²
 1st Floor - 642m²

Think about a high efficiency over the life of the building, installed the following materials and equipment: automatic climate control and lighting inside the building; lights low power, installation of shade visors; glazing solar in south facades and exterior walls consist of two panels of masonry, air-box and "Wallmate", thus enabling to obtain low heat transfer coefficients.

In order to reduce the consumption of mains water, installed a system of rainwater harvesting, which after treatment are used in the discharges of toilets, taps of service garages (washing floors) and outside building, for watering the gardens.



Resumo da Obra

Work Summary

Cliente **Seth, SA**
 Tipo de contrato **Preço Global Lump Sum**
 Data de construção **2008-2009**
 Custo final **EUR 3.450.000**

Client **Contract type**
Construction period
Cost

Ampliação da Assembleia da República

2ª Fase - Acabamentos

Parliament Building Addition

2nd Phase - Finishes

Descrição dos trabalhos

Work description

Número indicativos / Main figures:

9 pisos / 9 levels

170 gabinetes e salas de reunião

170 offices and meeting rooms

Auditório e restaurante

Auditorium and restaurant

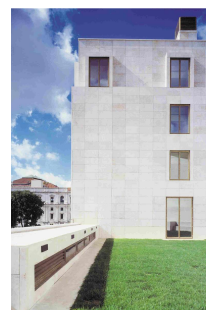
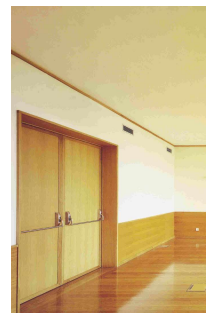
14000 m² de mármore

155,000 sq.ft of marble cladding

Instalação de AVAC / HVAC
installation

6 elevadores / 6 elevators

- Empreitada de Acabamentos Gerais
(pisos -3 a piso 6)
*General Finishing Work Contract
(level -3 until level 6)*
- Revestimento de fachadas a
mármore de lioz
Marble cladding on the exterior walls
- Interiores revestidos a mármore lioz
e madeira de carvalho
*Interior wall finishes with marble
cladding; solid oak door frames and
doors*
- Janelas de vidro duplo com caixilharia
de latão
*Double-glazing windows with solid
brass frames*



Resumo da Obra

Work Summary

Cliente
Assembleia da República
Portuguese Parliament
Fiscalização
Cinclus, SA
Tipo de contrato
Preço Global
Lump Sum
Data de construção
1998 - 1999
Custo
EUR 15.250.000,00
Arquitectura
Arq. Fernando Távora
Proj. de Instalações
Engº Rodrigues Gomes
Especiais
& Associados

Client

Inspection agency
Contract type

Construction period

Cost

Architect

Mechanical & Electrical

Obra realizada em consórcio
Joint-venture works