

Armazém Industrial S2 e S3
Parque Industrial SAPEC Bay (Freguesia do Sado, concelho de Setúbal)
Industrial Storage
Parque Industrial SAPEC Bay / Setúbal - Portugal

Trabalhos Efectuados

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 e reconversão de Edifício para...
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
Tipo de contrato

USAF – United States Air Force
Valor Global
Lump Sum

Client
Contract type

Data de construção
Custo

2014-2016
EUR 1.579.124,62

Construction period
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	<i>Client</i>
Tipo de contrato	Valor Global Lump Sum	<i>Contract type</i>
Data de construção	2004	<i>Construction period</i>
Custo	EUR 2.000.000,00	<i>Cost</i>

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 - Let 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)	<i>Client</i>
Tipo de contrato	Preço Global Lump Sum	<i>Contract type</i>
Data de construção	2009-2010	<i>Construction period</i>
Custo final	EUR 23.187.000,00	<i>Cost</i>
Observações	Job in consortium	<i>Notes</i>

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	<i>Obra feita em consórcio</i>	<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	<i>Obra feita em consórcio</i>	<i>Notes</i>

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



Avenida Tomás Ribeiro, n.º 145
2790-467 QUEIJAS - Portugal
Tel: +(351) 219 43 14 79 / Fax: +(351) 219 43 15 18
e-mail: seth@seth.pt
www.seth.pt

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 (piso -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	<i>Client</i>
Fiscalização	Cinclus, SA	<i>Inspection agency</i>
Tipo de contrato	Preço Global Lump Sum	<i>Contract type</i>
Data de construção	1998 - 1999	<i>Construction period</i>
Custo	PTE: 2.300.000.000	<i>Cost</i>
Arquitectura	Arq. Fernando Távora	<i>Architect</i>
Proj. de Instalações Especiais	Engº Rodrigues Gomes & Associados	<i>Mechanical & Electrical</i>

Obra realizada em consórcio
Joint-venture works