



AKÇANSA ÇİMENTO SANAYİ ve TİCARET A.Ş.

PORT AMBARLI

**Optimizing Port Layout for
International Ro-Ro Operations**

AUGUST 2024



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1. C1 FORM

2. EXECUTIVE SUMMARY

Ambarlı Akçansa Port is the only port on the European side of Istanbul with the only International Ro-Ro ramp. International DFDS operations were carried out between 2016-2020. DFDS Ro-Ro used to handle 15,000 vehicles per year. This operation was discontinued due to customer-related reasons.

Italian Grimaldi is the largest Ro-Ro company in the world. An agreement has been reached with Grimaldi. Within the scope of this agreement, a minimum of **50.000** vehicles will be handled annually. To achieve this volume, it is necessary to make arrangements in the port area.

According to the results of the inspection carried out by the customs in the port area and the results of the contract made with Grimaldi company, we have divided the things to be done in the port into two under the titles of **Legal Requirements** and **Requirements for International Ro-Ro Operations**. Within the scope of Legal Requirements; strengthening of the lighting system, addition of new cameras to the existing cameras, purchase of fire detection cameras, purchase of X-Ray device, purchase of CO2 measuring device, inclusion of Cabotage Ro-Ro in the bonded area and making the site layout plan and re-marking of pedestrian and vehicle road lines will be done. Within the scope of Requirements for International Ro-Ro, Operation Area Arrangements, resurfacing of the International Ro-Ro ramp, purchase of new weighbridge and relocation of the existing weighbridge, office request for agency and customs will be fulfilled.

Once these obligations are fulfilled, we will have fulfilled our contractual commitments and the site will have the opportunity to be used with high efficiency. At the same time, the requirements and obligations for safe Ro-Ro operation will be completed. In order to take action quickly, this subject Afe has been submitted unplanned and approved by EXCOM.

3. PROJECT DESCRIPTION

3.1 Description of Existing Situation



Figure 1. The current state of Akçansa Port Layout

In the past, International Ro-Ro operations were carried out in this area (shown in blue in Figure1). The current site layout is suitable for bulk cargo and general cargo operations, but for the new International Ro-Ro operation the whole operation area will be used. As a result of the inspections made regarding the use of the whole port area, the area arrangements, and actions to be taken as stated by the Customs Officer are as follows;

Legal Requirements

- Increasing the level of the lighting system
- Purchase of new cameras in addition to the existing camera system
- Under vehicle inspection devices, purchase of CO2 measuring device, purchase of X-Ray
- Purchase of additional fire-sensitive cameras for the fire system and design of fire extinguishers with a water throw capacity of 45 meters
- Inclusion of Cabotage Ro-Ro area in the bonded area
- Making the Site Layout Plan and marking pedestrian and vehicle roads accordingly

Requirements for International Ro-Ro Operations

- Operation area arrangements
- Resurfacing of the International Ro-Ro ramp
- Purchase of Weighbridges and existing Weighbridge transportation
- Office for Agency and Customs

3.3 Project Time Schedule

- It is aimed to complete the renewal process by November 2024.

Time Schedule	August 19	September 30	October 30	November 30
Afe Approval-Purchase Order				
Equipment Supply				
Transportation and Installation				
Start-up and Commissioning				
Payment Schedule				

AKÇANSA ÇİMENTO SANAYİ ve TİCARET A.Ş.				Date: 16.08.2024			
Ambarlı				Exchange Rate:			
Optimizing Port Layout for International Ro-Ro Operations				1 EURO (September 2024)= 38,31 TL			
				1 USD (September 2024)= 35,64 TL			
				EURO/USD (September 2024)= 1,0749			
Level 1	LOCATION	Ambarlı Port					
Level 2	Function Locations:						
	Summary	Unit	Qty.	Local USD	Import USD	Total USD to TL Conversion	Total TL
1	Increasing the level of lightning system	Unit	11	\$ 100.000		₺ 3.564.000	₺ 3.564.000
2	Cameras	Unit	40	\$ 80.000		₺ 2.851.200	₺ 2.851.200
3	Security	Unit	6	\$ 120.000		₺ 4.276.800	₺ 4.276.800
3.1	Under Vehicle Inspection Devices	Unit	2	\$ 60.000		₺ 2.138.400	₺ 2.138.400
3.2	Purchase of CO2 Measuring Device	Unit	3	\$ 20.000		₺ 712.800	₺ 712.800
3.3	Purchase of X-Ray Devices	Unit	1	\$ 40.000		₺ 1.425.600	₺ 1.425.600
4	Purchase of Additional Fire- Sensitive Cameras	Unit	4	\$ 80.000		₺ 2.851.200	₺ 2.851.200
4.1	Fire Sensitive Cameras	Unit	4	\$ 56.000		₺ 1.995.840	₺ 1.995.840
4.2	Fire Extinguishers with a Water Throw Capacity of 45 Meters	Unit	6	\$ 24.000		₺ 855.360	₺ 855.360
5	Inclusion of Cabotage Ro-Ro area in the bonded area	m ²	6208	\$ 100.000		₺ 3.564.000	₺ 3.564.000
6	Making the Site Layout Plan and marking roads	m ²	70.000	\$ 70.000		₺ 2.494.800	₺ 2.494.800
7	Operation area arrangements			\$ 200.000		₺ 7.128.000	₺ 7.128.000
7.1	Warehouse Removal	m ²	4800	\$ 35.000		₺ 1.247.400	₺ 1.247.400
7.1	Gate Modifications and Relocation of Prefabricated Structures			\$ 165.000		₺ 5.880.600	₺ 5.880.600
8	Resurfacing of the International Ro-Ro ramp	m ²	1000	\$ 50.000		₺ 1.782.000	₺ 1.782.000
9	Purchase of Weighbridges and existing Weighbridge transportation	Unit	3	\$ 50.000		₺ 1.782.000	₺ 1.782.000
9.1	3 New Weighbridge	Unit	3	\$ 40.000		₺ 1.425.600	₺ 1.425.600
9.2	Weighbridge Transportation	Unit	1	\$ 10.000		₺ 356.400	₺ 356.400
10	Office for Agency and Customs	m ²	150	\$ 150.000		₺ 5.346.000	₺ 5.346.000
	TOTAL PACKAGE			\$ 1.000.000,00		₺ 35.640.000	₺ 35.640.000

3.4 Project Budget Cost

This subject Afe was submitted for approval in an unplanned and urgent manner. This AFE is not included PL24. This Afe is approved by EXCOM.

Payment Plan		
Months	Year	Payments
		kTL
September	2024	3560