

## ***Part Two:***

### **Transport Sector Projects**

- Jordanian National Railway Network Project .
- Constructing The Passengers Light Railway linking Amman with Al-Zarqa.
- Establishment of Transport Sector Data Warehouse (DWH).
- Rehabilitation, Expansion and Operation of Queen Alia International Airport Project.
- Security Protection Development and Promotion at the Queen Alia International Airport project.
- Establishing the Long-Term National Strategy for Transport Sector in Jordan.
- The Technical Assistance Project for boosting the Ministry of Transport capacities.



*Ministry of Transport*

**التقرير السنوي**

**Annual Report**



## Jordanian National Railway Network Project

### Objectives:

- Link the Kingdom's cities and production centers by a railway network for transporting goods and linking the Kingdom with the neighboring countries.

### The proposed Railway Network Description:

The proposed railway network is composed of two sections:

- Section (north - south) from the Syrian border to Aqaba
- Section (east - west) from Irbid through Al Mafraq and Al Zarqa to Iraqi border with a branch up to the Saudi border through Al Azraq.

### The most important project achievements during the year 2011:

- Hold a conference for donors on 09/02/2011, where they showed their interest in funding the project.
- Provide an offer from China Development Bank to finance the project, under study, by the government and then the ministry will declare the mechanism of implementing this project.
- An alternative path for railway, at Al Aqaba region, was studied. This may reduce the cost from (200 – 150) million JD.
- A study to transport phosphate is underway now during the transition period after transferring the current phosphate berth and warehouses to the new location in the southern port of Aqaba to ensure the continuity of the Aqaba Railway Corporation work until the completion of the national network railways.
- Complete studying the project of national railway network construction impact on the land transport by trucks. This project aimed at determining this effect on the truck transport industry and identify the required policies to treat them to mitigate their negative effects on sector workers and setting an executive program thereto.



## The Passengers Light Railway Linking Amman and Al-Zarqa Construction.

### The Project Objectives:

1. Promote the public transport sector facilities and services, creating an investment environment and employing the local manpower.
2. Solve the traffic jam problems and conducting the passengers' public transport by safe means.
3. Reduce accidents, environment pollution and protecting the roads net.
4. Reduce the number of transportation vehicles, the operational costs and fuel consumption.



### ***The Project Description:***

The project covers a distance from the new Zarqa up to Amman station along the Jordan Hijazi railway between the cities of Amman and Al Zarqa with a length of (24) kms. The specifications of the line will be standard and bilateral at a width of (1435) mm for each line and a high speed up to (90) km per hour operated by an electrical system.

### ***The project developments during the year 2011:***

- An investor submitted an offer to implement the project and the Ministry of Transport forwarded their report to the Prime Ministry Council.
- Other alternatives were studied, in the case of the failure in coming up to an agreement with the investor (such as Bus Rapid Transit).

### ***Establishment of Transport Sector Data Warehouse (DWH):***

#### ***Project Objectives:***

- The establishment of a transport sector data warehouse DWH and Information Technology System for the Transport Sector in the Kingdom aims at the introduction of support and guidance to decision makers and boosting the capacities of planning and administration. Moreover, it assists, when implemented, in facilitating the setting of the policies and the strategic planning, managing and observing the performance of the transport sector in the Kingdom.
- The tender of the warehouse establishment will be posed on two stages: The first is related to conducting a six-month study on the situation of the transport sector, of all types, in the Kingdom. This phase will be funded by the treasury whereas the execution stage will be funded through a European grant of two million Euros.

### ***The project developments during the year 2011:***

- The companies' proposals, were evaluated, a (SHORT-LIST) was made and the results were sent to the European Union for getting the approval.
- Prepare the tender documents and sending them to the competent companies.

### ***The Project of Rehabilitation, Expansion & Operation of Queen Alia International Airport:***

1. The Government of the Hashemite Kingdom of Jordan and by means of Partnership between Public and Private sectors, and through the restructuring of the civil aviation sector and privatization of airports, decided to build a modern Terminal building able to reflect the progress witnessed by the Hashemite Kingdom of Jordan, and to meet the increase of air traffic and international requirements. Since the capacity of the



current terminal in Queen Alia International Airport reported (3,5) million passengers per year which capacity was reached in 2006, and the airport was no longer able to accommodate the growing numbers using for the airport, estimated at the end of the year 2010 to be about (5,5) million passengers. Also, one of the main objectives of the project is to make the Queen Alia International Airport a hub in the region.

2. On May 19th, 2007, The Rehabilitation, Expansion, and Operation Agreement (REOA) of Queen Alia International Airport (QAIA) was entered into between the GoJ, in its capacity as Grantor, and the Airport International Group (AIG), the Winning Bidder, in its capacity as the Investor, which includes all of:
  - Airports de Paris (ADP) (9.5%) as operators.
  - J&P Avax SA (9.5%) and J&P Overseas Ltd. (9.5%) as contractors.
  - Noor of Kuwait (24%), Abu Dhabi Investment Company (ADIC) (38%), and EDGO Ventures (9.5%) as financial investors.

The REOA was entered into Effectiveness by the Date of Nov. 15th, 2007.

3. The project embodies a partnership between the public and private sectors through a (BOT) type of investment contract the (REOA) for 25 years from the effective date (15/11/2007) and will last for the same date from year 2032.
4. The total cost of investment for the project is about 800 million USD (566 million JD) without incurring the government any costs (operational or financial capital) to be executed.
5. The new Terminal building was designed by one of the largest architectural firms in the world (Foster & Partners Limited/ British Company) as part of the Project Agreements, to provide an advanced level of service and operational according to the degree rating approved by the (IATA) as well as by international standards. The government has to choose this design and requested all bidders to adopt and build the value of bids based on that. The New Terminal building capacity in the first phase is (7 million) passengers, and it is expected to increase to (9 million) passengers, then to reach (12 million) passengers in the second stage.
6. According to the REOA agreement, construction work was started on 15/4/2008, where the Investor (Airport International Group (AIG)) is building a New Terminal building (One main processing terminal structure connecting two boarding piers with contact stands) with an approximate area of (100,000 square meters), to meet increase in air traffic and international requirements, Also the Investor (AIG) has completed rehabilitation works to the existing airport at a cost of not less than (50 million JD), which included capital improvements to the Baggage Handling System, Cross Taxiways repairs, and Existing Aprons Repairs.
7. In addition to the construction and rehabilitation works, Airport International Group (AIG) manage and operate the airport through the operating company (Airports de Paris) to upgrade the level of services provided.
8. Queen Alia International Airport achieved since 2007 unprecedented growth in passenger traffic and aircraft movements, the implications of this growth to open a new airline, as well as new destinations.
9. According to the REOA, the annual investment fee equals to (54.47%) of Gross Revenues of the airport (one of the highest ratios at the global level in similar projects) paid in quarterly installments during the Term of this Agreement.
10. Up to the end of December, 2011, the overall volume of the New Terminal Construction



Works executed is (78,6%), and the amount of expenditure on the project is about (403 million JD), according to the plan before amendment that was agreed upon between the Grantor and the Investor as of 4/1/2011.

11. Due to special new terminal designs that is performed for the first time and to overcome any architectural and construction problems, the Council of Ministers has decided on 4th of January 2011, to approve the Agreement between the Grantor (GoJ) and the Investor (AIG) for the Construction Restaging of the New Main Terminal Building at Queen Alia International Airport, and the amendment of the time plan for the project to divide the project into two phases, where in the first phase the partial terminal opening of the new building will be at the end of 2012, a deadline deemed by both parties more feasible in terms of operation, security, and public safety. The two sides also agreed that additional service requirements be in place at the facility to meet all the requirements of the (IATA) criteria, especially the expansion of the entrances and building additional space since the beginning of operation to reduce congestion that is likely in the movement of passengers and departures as well as the installation of additional baggage screening equipment.

GoJ has established Project Management Unit (PMU) at Ministry of Transport to oversee the Project and safeguard its interests and to follow-up the contractual duties and responsibilities during the length of the Agreement signed with Airport International Group (AIG). Where the PMU is the entity that represents the Government, and administers all agreements of the project with all contracting parties, such as investor, government service providers at the airport, consultants, creditors, and the Independent Engineer.

#### *The Project for Improvement of Airport Security Equipment at Queen Alia International Airport:*

- The project aims to raise the efficiency of security checks on personnel and trucks in the airport through a Japanese grant to the Jordanian government, which is to supply security equipments necessary for the purposes of security screening of vehicles and people at the entrances of air cargo and passengers and at the aprons, as well as construction of buildings necessary for this purpose. Moreover, the two parties, the Jordanian and Japanese agreed that the Jordanian government shall bear the responsibility to create all the external work necessary, including the security fence around the project in two locations, gates, pavement and sidewalks around the buildings, external roads, parking of vehicles, and all external electrical works, sewer, water and other buildings serving the project.
- The total cost of the project is about (5,595,000.00) Jordanian dinars to be paid through a Japanese grant, in addition to about (1,330,000.00) Jordanian dinars to be covered by the Government of Jordan.

#### *1. The Japanese side (the grant paid by JICA):*

An agreement was signed with a Japanese engineering consultant (Oriental Consultants) who set up the designs of the project.

The tender documents and technical specifications of the equipment were prepared by Oriental Consultants, and it was approved by the technical committee of the project.

An agreement was signed with the supplier (Marubeni Corporation) for the supply of equipment, and constructing the buildings.

Constructing of the buildings related to the Japanese side obligations, and the supply of security equipment according to the agreement, where completed and delivered initially and finally.

## **2. The Jordanian side (paid by the Government of Jordan):**

The project design and tender documents were prepared by the Ministry of Public Works and Housing.

Design tender was awarded to the winning bidder (Amman Consulting Engineering and Planning Office), which in turn submitted the detailed design with the estimated cost, and released for tendering once approved.

Implementation and Supervision tenders were awarded for this side of works.

It is expected to complete the works within the Jordanian obligations in the coming five months.

### ***Establishing the Long-Term National Strategy for Transport Sector in Jordan.***

The project aims at developing a strategic plan for the long-term transport sector for the year 2030 and providing a program of following-up and evaluation of the performance indicators that is expected to start by the beginning of the year 2012 and to be completed in the mid 2013.

### ***The Technical Assistance Project for Boosting the Ministry of Transport Capacities.***

This project aims at raising the capabilities of the Ministry of Transportation cadres and the sector workers where a comprehensive training plan is developed for this purpose. The project is funded by the European Union. In 2011, the Ministry implemented a training program for a number of workers in the ministries and the public sector organizations working in the field of trade and transport, as well as the private sector, which reached up to 24 ministries, government institutions, private institution or association, where (84) people was trained on various topics including good international practices in the field of logistics, services, financial planning, project management and human resources development.