18.8 Implementation and Management Recommendations

18.8.1 Action Plan Authorization

It is highly desirable that the action plan for the year 2005 including the 6 priority projects be given a clear statement of support from a high level government body. It is recommended to obtain an approval of the appropriate authority of the Syrian government simultaneously with the approval of the master plan.

18.8.2 Implementation Structure

The 6 priority projects are planned in different areas and are composed of a variety of components. Several agencies are naturally involved in the implementation of each project according to the location, ownership of existing facilities, related plans and projects and its characteristics. For realizing the package of 6 priority projects, therefore, it is necessary to establish a system which ensures sufficient coordination among related agencies.

The implementation structure should be as simple as possible for speedy and smooth implementation of priority projects. A structure which includes a variety of implementing bodies causes delays in project progress, which may result in the loss of expected benefits generated by the projects.

In addition, knowledge and expertise of outside experts and consultants will be needed for implementation procedure from the beginning to the end including planning, design, tender preparation, and evaluation procurement and supervision of the projects, in order to support the engineering skills of implementing agencies, as well as to introduce international standards to the projects.

Based on the understandings mentioned above, the following system is recommended to implement the package of 6 priority projects, with two options concerning implementation responsibility of construction work.

- Establishing a Central Coordination Committee, and Regional Committees for each project site, for the coordination of related agencies;
- Establishing a Project Office for implementing and coordinating the projects as an independent department of MOT;
- Attaching foreign and domestic consultants to the MOT Project Office for technical support; and
- Two options for the implementation of construction work.
 - Option 1: In principle, MOT is to be the single implementing body of all the projects except for two components of the projects, MOCO for roads to Salahdin Castle, etc., and MOTR for passenger piers.
 - **Option 2**: The implementing body of each project component is according to the relevant agency of management responsibility.

Diagrams of the implementing structure are shown in Figure 18.8.1 and 18.8.2 for each option. Specific responsibility of related agencies are explained in Section 18.8.3.

Option 1 is to assume MOT to be the implementing body for most of the project components. According to its establishment law, the MOT is empowered to implement all tourism projects

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where necessary. It has been actually active in implementing the projects of constructing government-owned hotels mainly until 1988 and for some exceptional cases after then. It has also been in charge of park development, lighting facilities improvement, and restoration of historic buildings. (GCETP is basically responsible for this construction work.) In this sense, MOT has sufficient legal background and capability to implement these improvements. Moreover, the implementation structure is very simple in that it is easy to control design and construction. The number of tenders and contracts with private contractors will be small so that less burden will arise for tender and supervision procedures. However, many components involve improvement of existing facilities and it is not realistic for MOT to assume ownership or provide any regular maintenance for any of the improved areas. Ownership and maintenance responsibility should remain with the present owner, the municipality. A cooperative working arrangement between MOT and each municipality regarding ownership and maintenance matters (i.e. transfer of ownership, management assignment agreement) needs to be negotiated at the outset to avoid any confusion of maintenance and operation of facilities after completion. Cooperation of municipality is also essential for negotiation and coordination with affected residents. There will be several exceptions because of engineering expertise of other ministries.

Option 2 calls for the municipality to implement the physical construction work where the municipality is the present owner of the land and existing facilities. There will be no barrier for it to be an implementing authority. There will be some difficulty in coordination and supervision of construction work up to consistent modern international standards, because the responsible bodies differ project by project. It is necessary for MOT and municipalities to establish a system to sufficiently advise and supervise design and construction procedure. In addition, the number of tenders and contracts will increase because each municipality has to work separately.

The final selection of an option should be thoroughly discussed and decided by the Supreme Council of Tourism.

Specific roles and functions of the different committees and the MOT Project Office are as follows.

(1) Central Coordination Committee

The Central Coordination Committee is an organization with members representing agencies concerned with the projects. The main function of the Central Coordination Committee is to discuss the major coordination matters related to priority projects, reaching agreement and recommend their opinion to MOT. MOT Project Team will serve as its secretariat.

The Central Coordination Committee will convene periodically and occasionally upon the request of MOT to make decisions with respect to substantial matters such as major changes in the project contents, annual budget provision, authorizing the matters supported by Regional Committees and other crucial matters. However, ordinary and day-to-day decisions will be made by MOT Project Team.

Central Coordination Committee is to include the following members.

- Minister of Tourism (Chairman)
- Representative from State Planning Commission
- Representative from Ministry of Local Administration
- Representative from Directorate General of Antiquities and Museum

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- Representative from Ministry of Transport
- Representative from Ministry of Communication
- Representatives from Mohafazat (Damascus, Aleppo, Hama, Tartous, Latakia)
- Deputy Minister of Tourism (Reporter)

(2) Regional Committees

Five Regional Committees are recommended to be established, in Damascus, Aleppo, Hama, Latakia and Tartous. The main function of the Regional Committee is to discuss and coordinate the necessary matters concerning project progress. MOT Project Team will serve as its secretariat.

Each Regional Committee will meet occasionally for discussing the matters requested by MOT and Central Coordination Committee with respect to substantial matters such as major changes in the project contents and other crucial matters related to the project in the respective area. Regional Committees submit the results of meetings to the Central Coordination Committee for its approval. However, ordinary and day-by-day decisions will be made by MOT Project Office.

Regional Committee is recommended to include the following members.

- Deputy Minister of Tourism (Chairman);
- Representative from Mohafazat;
- Representative from Municipality;
- Representative from Directorate General of Antiquities and Museum;
- Representative from Ministry of Transport (only Tartous);
- Director of Tourism (Regional Branch Office);
- Representative from Ministry of Communication (only Latakia); and
- Director of MOT Project Office (Reporter).

(3) MOT Project Office

The MOT Project Office plays a key role of coordination and implementation of the projects. It works as a secretariat of the Central Coordination Committee and all Regional Committees. It also works for resolving matters requiring coordination whenever possible. At the same time, it is the specific implementation body for the component that MOT implements (depending on Option 1 or 2).

Specifically, its major roles in terms of project coordination are:

- Secretariat work for Central Coordination Committee and Regional Committees;
- Planning and negotiation of annual budget allocation; and
- Coordination with related agencies.

And its major roles in terms of project implementation are:

- Supervision of the design work;
- Overall review of the implementation program based on the results of detailed design and cost estimates, and if necessary, modify and readjust the project packaging;
- Pre- and post-evaluation of the projects, which may have significant impacts on the socio-economic and environmental conditions;

- Establishment and management of procedural formalities for the disbursement of foreign and local funds;
- Tender preparation and processing including advertising, pre-qualification of bidders, short-listing of bidders, tender call, pre-tender conference, site orientation, opening of bid and other relevant activities;
- Preparation of bid evaluation reports to recommend the lowest responsible bidder;
- Contract negotiations with the successful bidder;
- Supervision of the construction work (in cooperation with GCETP regional offices);
- Monitoring of project progress;
- Project accounting; and
- Necessary procedure for administrative arrangement concerning property management and maintenance including about ownership transfer and management assignment.

The Project Office should be headed by a director class engineer and his or her assistant. Enough number of staff should be manned at the office, about 15 members in case of Option 1 and 10 members in case of Option 2. Staff should include engineers with enough engineering skills, negotiation ability and deep understanding of the project. Appointment of counterpart members of this study is recommended to satisfy above mentioned condition. It should also include skilled staff for accounting and contract. In addition, it is recommended to have staff from SPC who knows about the procedures and conditions of foreign assistance when the project is funded by foreign donor agencies.

18.8.3 Implementation and Management of Project Component

Based on the principle mentioned above, responsibilities of the related agencies on each project component are examined. Because the responsibility on its implementation can not be separately considered from its management, the desirable management organization and necessary operational work are examined as well. Following is the recommendation for implementation, maintenance, management and operation of each component. (Table 18.8.1) There are two options for implementation responsibility in accordance with the options of overall implementation structure.

(1) Information Offices and Visitor Centers

There is little room for discussion about responsibility of MOT on Information Offices and Visitor Centers. They should be designed, constructed, equipped and then operated by MOT. Arrangement on right of ownership and right of use should be made before the start of construction in the case of Damascus Visitor Center (renovating Mohafazat owned old building) and Tartous Visitor Center (using a room of an old house owned and renovated by the municipality). Cooperation of Mohafazat and municipality, especially as sources of information and old materials, is desirable and necessary for better operation of these facilities.

MOT should provide necessary staff for the operation through continuous staff training program which is assumed to be included in the project for only the initial three years. Basically the offices and the centers should open 7 days a week, at least from 9 a.m. to 6 p.m., requiring three staff shifts. Number of staff is assumed at 2 to 4 for each shift in general excluding maintenance and cleaning staff, yet, a few more staff will be required for Damascus centers. The duration of staff training is assumed at 3 months and should include:

- lectures on tourist services and major foreign languages;
- lectures on geography, history and culture;
- operation of equipment;
- educational trip to observe foreign examples; and
- practices of tourist services.

Information Office is provided with sufficient amount of free, handout tourist information materials (maps, general guide brochures, site-specific brochures, etc.) for the relevant district and some on other district. Information on tourist sites and facilities (holidays, opening hours, access route), hotels and restaurants (location, star, standard price, phone number) should also be ready to be provided. The contents of materials and displays will be periodically reviewed and renewed in consultation with experts.

The Visitor Center is provided with one form of site-specific brochure (ranging from 1-sheet site map leaflet to multi-paged site brochure, depending on the size or importance of site), to be distributed to visitors. It is also provided with introductory information of sites including explanation exhibition of sites, local products exhibition, etc. with appropriate materials (panels, models, audio-visual, etc.). The contents of exhibition and display and the collection of books in the library will be periodically reviewed, renewed and added in consultation with experts, with a help of Mohafazat/Municipality. Foreign currency exchange will be operated by Commercial Bank of Syria. Kiosk or cafeteria can be provided for the convenience of visitors under a concession to private sector.

(2) Tourist Signs and Interpretation Boards

Tourist direction signs along tourist routes and access roads are different from the ordinary traffic direction signs because the objectives are often different. They should show the information prepared by MOT. MOT should plan, design and set up these signs in consultation and coordination with road management authority and traffic control and safety authority.

On-site signs and interpretation boards are also the responsibility of MOT. Because the management authority differs from site to site, from facility to facility, it is important that a single authority, MOT, provide uniformly designed signs and boards, so that tourists can find and identify easily places of interest. Specific location for signs and boards should be discussed with related authorities.

Maintenance of these signs and boards should be carefully planned by MOT. Yet help of Mohafazat and Municipality in supervising the conditions of signs and boards will greatly help MOT for reducing its burden.

(3) Tourist Trails, Parks, Promenades, Bridges, Taxi Stops and Car Parking

Signs and interpretation boards along tourist trails are to be managed in the same manner as those described above (2).

There are two options for physical construction work, either by MOT or by the municipality (Mohafazat in case of Damascus).

The first Option is for MOT to implement the physical improvement. It is the simplest arrangement and easy to supervise the design and construction for modern international tourist standards. The administrative agreement between MOT and each municipality

on property and maintenance responsibility (i.e. transfer of ownership, management assignment agreement) should be properly arranged at the outset to avoid any confusion of maintenance and operation of facilities after completion. In addition, cooperation of Municipality is necessary about the negotiation and coordination with affected residents.

The second Option is for municipality to implement the physical construction work. Because the municipality is the present owner of land and existing facilities of street and parks, there is no barrier for its role as implementing authority. There will be some difficulty in coordination and supervision of construction work to suit modern international standards, because the responsible bodies differ area by area. It is necessary for MOT with outside experts and related municipalities to establish a system to sufficiently advise and supervise design and construction.

In either case, cooperation between MOT and municipality is essential.

With either option as to the responsibility of construction work, the municipality will take care of physically improved tourist trails including pavement, drainage, lighting fixture, underground pedestrian crossing, etc. Cooperation of the Hijaz Railway Corporation is expected in the maintenance of facilities in and around Hijaz Station.

- (4) Other Components
 - a. Noria Museum (Hama)

It will be constructed inside the riverside park proposed as a component of the same project. There are several alternatives for the operation of the museum.

MOT can be the operating body using its knowledge of operating visitor centers. Another alternative is that the municipality operates it using know-how as the owner of Norias including engineering skills for maintenance of Norias. As yet another alternative, establishment of a joint operation organization between MOT and the municipality can be assumed.

Joint operating organization, however, is not recommended in the initial stage of its operation. The facility itself is not so big to merit an independent operating organization. Thus, either MOT or the municipality should be the operating body and it should be decided by the negotiation of two agencies. In either case, technical cooperation of both agencies in the operation of the museum is essential. The operating body will also be the implementing body of design and construction of the building.

MOT or Municipality should provide necessary staff for the operation through a continuous staff training program which is assumed to be included in the project for only the initial three years. Basically the museum should open at least from 9 a.m. to 6 p.m., so three staff shifts are necessary. Number of staff is assumed at 4 to 8 for each shift. The duration of staff training is assumed at 4 months, including some technical lectures and practices as curator, and lectures and practices on water wheels in Hama in addition to staff training program for Information Office and Visitor Center.

The Museum is provided with introductory information on water wheels in Hama, by appropriate materials (panels, models, audio-visual, etc.). The contents of exhibition and display will be periodically reviewed, renewed and added in consultation with experts. The cooperation of MOT and Municipality is essential.

b. Passenger Pier (Tartous and Arwad)

It appears that there are two options for passenger pier improvement in Tartous and Arwad. There will, however, be engineering difficulty for MOT in implementing work on passenger pier because it requires special engineering skill. Therefore, even in case of Option 1, it should be dealt with as an exception, to be implemented by MOTR. Design, construction and maintenance work should be done by MOTR in coordination with MOT.

c. Solid Waste Management (Arwad)

The biggest construction work in this component is the construction of a high performance incinerator. It will be a small one for the population of 7,000, yet some staff and engineering knowledge are required for the supervision of design and construction. Arwad municipality has only one civil engineer. He alone is not enough to do the job. The incinerator itself is not the responsibility of MOT in general, yet there are enough sanitary engineers with knowledge.

Regardless of capability, management of solid waste as a whole is the very responsibility of Municipality, so that no other agency can be in place. Collection of solid waste is being done rather well at present. Difficulty may be to deal with the new incinerator and work to prevent easy disposal of waste to the coast. Sufficient number of qualified staff and their education is essential.

Therefore, it is recommended that MOT implement the construction work of incinerator. After completion, the Municipality should have the right to use the facility, and to be responsible for the management of the facility and solid waste management. Education for management staff should be done at the same time.

d. Access Road (Latakia/Salahdin Castle, etc.)

It appears that there are two options for access road improvements in Latakia and surrounding places. There will, however, be institutional difficulty for MOT to implement large scale road construction work. Therefore, even in the case of Option 1, it should be dealt with as an exception, to be implemented by MOCO. Design, construction, and maintenance work should be done by MOCO in coordination with MOT.

Figure 18.8.1 Project Implementation Structure (Option 1)

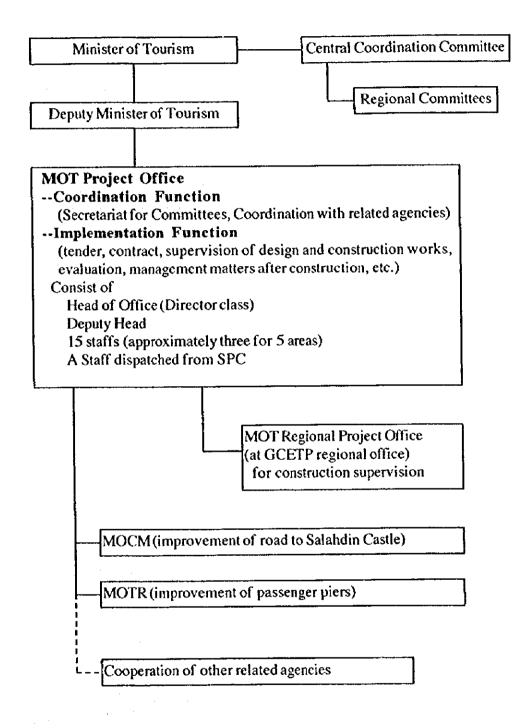
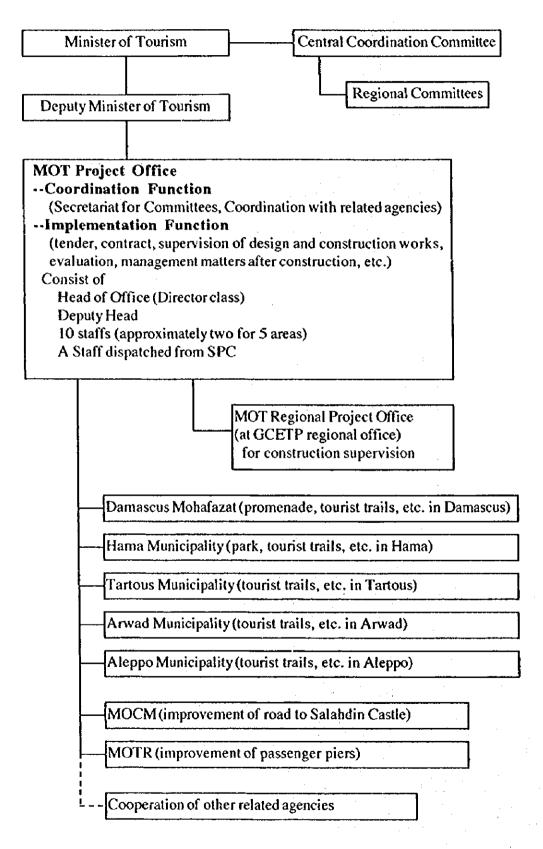


Figure 18.8.2 Project Implementation Structure (Option 2)



Component	Present Ownership	Construction Agency	Manag	gement/Operation Agency
Project A:	The Great Dama	scus Heritage		
Green Promenade	Mohafazat	MOT/Mohafazat	Mohafazat	Management Assignment
Tourist Trails	Mohafazat	MOT/Mohafazat	Mohafazat	Management Assignment
Visitor Center	Mohafazat	MOT	MOT	Ownership Transfer or Land Lease
Information Center	MOT	MOT	MOT	
Taxi Stops and Parking	Mohafazat	MOT/Mohafazat	Mohafazat	Management Assignment
Hijaz Railway	Hijaz Railway	MOF	MOT/Hijaz	
Exhibition	Corp.		Согр.	
Project B:	Old Hama of No	rias		
Tourist Trails	Municipality	MOT/Municipality	Municipality	Management Assignment
Information Center	MOT	MOT	MOT	
Khan Rustam Pasha	MOT	MOT	MOF	
Noria Park	Municipality	MOT/Municipality	Municipality	Management Assignment
Noria Museum	Municipality	MOT or Municipality	MOT	Ownership Transfer or Land Leas
Bridges Improvement	Municipality	MOT/Municipality		Management Assignment
Project C:	Historic Tartou	s-Arwad		
Tourist Trails	Municipality	MOT/Municipality	Municipality	Management Assignment
Information Center	MOT	MOT	MOT	
Old Tartous Visitor	Municipality	MOT	MOT	Space Lease
Center				-
ArwadVisitor Center	MOT	MOT	MOT	
Passenger Piers	MOTR	MOIR	MOTR	
Solid Waste in Arwad	د. بو ود دو دور د دور در د در در دور در د	MOT & Municipality	Municipality	
Project D:	Latakia Cultura	d Circuit	î	
Information Center	MOT	MOT	MOT	
Road Improvement	Mohafazat	MOCO	Mohafazat	
Observation Point		MOT	MOT	
Project E:	Aleppo the Sil	k Road		
Information Center	MOT	MOT	MOT	
Visitor Center	MOT	MOT	MOT	
Tourist Trails	Municipality	MOT/Municipality	Municipality	Management Assignment
Taxi Stop and Parking		MOT/Municipality		Management Assignment
Project F:	Tourist-Friend			
Direction Signs	Road Manage Authority	MOT	MOT	Permission of Road Authority
Interpretation Panels, etc.		MOT	MOT	
Promotion Campaign		MOT	MOT	

Table 18.8.1	Project Implementation and Management Responsibility
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 Promotion Campaign
 MOT
 MOT

 Note:
 "MOT/Municipality" as Construction Agency means that physical improvement is done by MOT in case of Option 1 and done by Municipality (Mohafazat in case of Damascus) in case of Option 2. Signs and boards are improved by MOT.

"Management Assignment" is necessary only in case of Option 1.

18.8.4 Funding Sources

It is recommended that priority projects be financed by general budget of the government of Syria and loans and/or grants from foreign donor agencies. While the projects need foreign currency for its implementation, expected major benefit from the projects is foreign currency earnings from foreign tourists. Financing the projects by low interest loans from foreign donor agencies is, therefore, considered suitable.

18.8.5 Implementation Schedule

The implementation schedule of each priority project may vary depending on its nature and scale, and readiness for implementation. Figure 18.8.3 shows the time schedule assumed that all 6 priority projects will be implemented together as one package.

The following were taken into account in formulation of the implementation schedule:

- a pre-implementation period to elaborate the components of the projects and to secure funding sources will be needed before starting the projects;
- all 6 priority projects will be completed within 5 years and in full operation by the year 2005; and
- a maintenance and guarantee period of one year after the completion by the contractor (excluding training and printing, etc.) is also included in the 5 years' project period.

							Design	Execute
PROJECTS	Implement. Agency	1st year	2nd year	3rd year	4th year	5th year	Start M	Start M
The Great Damascus Heritage	· · · · · ·							
	MOT/DM			////////	2			04 02 12
2 Tourist Trails	MOT/DM				<i>711.</i>		01.01 9	
2-5 handout production	MOT		in a				10.01 6	
	MOT			(11111111111		Í		01 02 12
3.4 training	MOT							07 02 36
4 Tourist Information Center	MOT			1111			01.01 3	1
4.3 training	MOT	372						04/02/36
5 Parking and Taxi Stops	MOT/DM	3288		11111111				01 02 9
6 Hijaz Railway Exhibition	MOT			onnuuuu	{		07 01 6	07.02 6
Old Hama of Norias					1	Т		
1 Tourist Trails	MOT/HM		1//				01:01 6	01.02 9
1-5 handout production	MOT						07 01 6	07.02 3
2 Tourist Information Upgrading		新典		mmm.	1		07.01 3	04.02 6
2-4 training	MOT					, and the second se	07.01 3	04 02 30
3 Visitor Center	MOT	THE REAL			Į		07.01 3	04 02 0
3-4 training	MOT						07.01 3	04 02 30
4 Noria Park and Museum	MOTHM				lun -		01/01 9	04/02/12
	MOT	1			1		01.02 3	10'02 30
4-6 training	MOTHM						0101	01.02
5 Bridge Construction Historic Tartous-Arwad	MOTAIM	Printeroroa		<u> </u>	1			
	MOT/TM-AM						01.01	01:02
1 Tourist Trails	MOT							5 07 02
1-5 handout production	1 · · ·							8 04 02
2 Tourist Information Upgrading		1200						8 04 02 3
2-3 training	MOT			àmm.		T	1	3 04 02
3 Old Tartous Visitor Center	MOT	1016				}		3 04 02 3
3-4 training	MOT							6 01 02
4 Arwad Visitor Center	MOT	3000000						3 04 02 3
4-5 training	MOT	1						6 01 02
5 Passenger Piers	MOTR			nannan.	1			6 01 02
6 Solid Waste Management	MOT/AM							3 04 02 2
6-2 education and training	MOT/AM						0/.01	
Latakia Cultural Circuit							07-01	3 04 02
1 Tourist Information Center	MOT	瀬城		manna				3 04 02 3
1-3 training	MOT							- 1
2 Access Road Improvement	MOCM						1	9 04 02 1
3 Observation Points	MOT			<i>(111111111111111111111111111111111111</i>	///		01.05	3 10 02
Aleppo the Silk Road								1 0 0 00
1 Tourist Information Center	MOT			111111111.			07:01	3 04'02
1-4 training	MOT	100			-			3 04 02 3
2 Old Souq Visitor Center	MOT							6 01/02
2-3 training	MOT	1			_		10 01	3 07.02 3
3 Tourist Trails	MOT/AM	100000			11.		01/01	6 01 02
3-5 handout production	мот	2004					07/01	6 07.02
4 Parking and Taxi Stops	MOT-AM			ntquuuu.			04/01	3 01.02
Tourist-Friendly Syria	1	1					1	
I Tourist Direction Signs	мот				11		01 01	6 01/02
2 Interpretation and Amenity	MOT	0466676		ı Ayınının		ł	01/01	6 01 02
		1				1	01 01	6 01:02
3 Foreign Promotion Campaign	a MOT		_	· · · · ·				

Figure 18.8.3 Implementation Schedule of the Priority Projects

DM Damascus Mohafazat IIM

Hama Municipality

Implementatio //////Contractors' O'M period Ministry of Tourism MOT

Tartous Municipality TM

Ministry of Transport Ministry of Transport

Arwad Municipality / Aleppo Municipality MOTR $\mathbf{A}\mathbf{M}$

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18.9 Environmental and Social Consideration

18.9.1 Initial Environmental Examination (IEE)

(1) Evaluation Methodology

The Initial Environment Evaluation (IEE) of the proposed priority projects was conducted, based on the data and information collected (refer to Appendix A4), and the output of field surveys. It was decided before conducting IEE that the implementation of the priority projects must be in compliance with the following criteria:

- to be in compliance with laws, regulations and environment conventions;
- to be in compliance with regulatory environmental quality standards either national or those drawn from external organizations;
- to keep the project outside designated nature conservation areas if any;
- to specify, if necessary, means to prevent significant effects upon endangered species and to ensure conservation of biodiversity;
- to minimize negative community effects through ensuring that the project affects the smallest number of people, if necessary with advanced plans for the mitigation of involuntary resettlement with income restoration and/or other important treatments; and
- to include mitigation and monitoring costs, if any, into the project costs.

As a result of IEE, the priority projects were categorized into three categories as follows:

- Category A: An EIA report is required;
- Category B: Appraisal required in the light of the guidelines, but no formal EIA report; and
- Category C: No EIA report, and appraisal in the context of the guidelines may be omitted.

Category A project characteristics relevant to the tourism sector are large-scale road construction projects or which are affecting:

- areas of salt accumulation or soil erosion;
- semi-arid areas;
- natural forests;
- water resources;
- protected habitats;
- areas of unique historical, cultural or scientific interest;
- areas of concentrated population or industrial activities; and
- areas of social interest to vulnerable groups.

Those projects which involve the following characteristics also would qualify for an EIA:

- wide, diverse and irreversible environmental effects;
- affect large numbers of inhabitants;
- consume large amount of non-renewable resources;
- significant change in land use or social, physical and/or ecological environment;
- disposal of large amount of hazardous wastes.

If any of the priority projects are deemed to have a possibility of causing significant environmental effects classified as "Category A", an EIA report should be required before the implementation.

(2) Project A: The Great Damascus Heritage

This project will restore an heritage building of 150 years as Old Damascus Visitor Center and improve walking environment in the city including Old City. These activities will obviously relieve the registered world heritage of Old Damascus from degradation, and bring considerable socio-economic effects to the community.

While there is potential to increase tourist traffic, the project aims to increase the tourist capacity without significant increase of tourist vehicles, especially around the proposed Old Damascus Visitor Center and major tourist attractions at peak seasons. Adequate traffic management will be needed, which should be incorporated in the on-going urban transportation study by Mohafazat and JICA.

Table 18.9.1 shows the results of IEE, and this project is classified as Category B.

Check Item	ck Item major small none not Potential Problems clear /Benefits		Actions ⁷ Countermeasures			
Pollution	<u>.</u>			<u>Cicai</u>		
1. air pollution			*			
2. water pollution			*			
3. noise & vibration			*			
4. subsidence			*			
5. construction disturbance		*			C1 C	adequate construction management
6. waste generation		*			potential for tourist litter	waste management needed
Natural Environment						
1. conservation site			*			
2. protected species			*			
3. water resources			*			
4. soil erosion			*			
5. Jandscape quality			*			
6. resource consumption			*			
Human Environment						
1. resettlement			*			
2. cultural resources		*			restoration of ruined	adequate restoration work
					heritage and foot path	needed
3. native people			*			
4. socio-economic effects		*			possible skewed spread of tourist benefits to residents	
5. infrastructure pressure			*			
6. land use change		*			potential for change in business	monitoring of situation needed
7. traffic congestion		*			potential for traffic conflict at visitor center and parking	traffic control during peak needed

Table 18.9.1	Environmental Check List -	The Great Damascus Heritage
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Others

Barada river will be cleaner after the sewerage treatment plant will be in operation this year. Barada Green Promenade component with improved landscape will be an important place to recognize the importance of environmental preservation. This component needs sophisticated landscape design.

(3) Project B: Old Hama of Norias

This project will restore and preserve water wheels of Hama together with the skills for maintenance which are inherited from fathers to sons for centuries.

Orontes River has been and will be the source of culture and life in this area. In Hama, the sewerage treatment plant is expected to be in operation this year. Although this project does not deal with the river directly, adequate environmental management for the river is needed in order not to increase tourist litter along the river.

Table 18.9.2 shows the results of IEE, and this project is classified as Category B.

Check Item	major	small	none	not	Potential Problems	Actions'
				clear	/Benefits	Countermeasures
Pollution						
1. air pollution			¥			
2. water pollution		*			potential pollution by tourist litter	provision of trash bins, adequate waste management
3. noise & vibration			¥			1 C .
4. subsidence			*			
5. construction disturbance		*			potential muddy water during bridge construction	adequate construction management
6. waste generation		*			potential for tourist litter	waste management needed
Natural Environment						·····
1. conservation site			*			
2. protected species			*			
3. water resources			*			
4. soil crosion			*			
5. landscape quality		*			risk to damage landscape by Noria Park	adequate design and construction needed
6. resource consumption			*		,	
Human Environment					<u> </u>	
1. resettlement			*			
2. cultural resources		\$			risk to damage historical Kelani bridge	adequate construction work needed
3. native people			*		£.	
4. socio-economic effects		*			possible skewed spread of tourist benefits to residents	
5. infrastructure pressure			*			
6. land use change		*			potential for change in business	monitoring of situation needed
7. traffic congestion			*			INVAL .
Others		····				

(4) Project C: Historic Tartous-Arwad

This project will improve the value of cultural resources in Tartous and Arwad, and will improve sanitary conditions in Arwad by introducing an improved solid waste management. Arwad island is densely inhabited and no space is available for waste landfill. The final disposal has been the critical issue in the island. The proposed small-scale advanced incinerator can solve the issue, however careful attention for the design of specifications and its operation must be paid in order to avoid air pollution and operational stoppage.

As the passenger piers construction will be only within the water of the existing local ports, no major environmental impact is foreseen. However, adequate construction management is needed to avoid excessive murkiness in water during construction.

Table 18.9.3 shows the results of IEE, and this project is classified as Category B.

Check Item	major	small	none	not clear	Potential Problems /Benefits	Actions/ Countermeasures
Pollution						
1. air pollution		*			potential pollution by incinerator	careful design and operation needed
2. water pollution			*			
3. noise & vibration			*			
4. subsidence			*			
5. construction disturbance		*			potential muddy water during pier construction	adequate construction management
6. waste generation		*			potential for tourist litter, improvement of waste management in Arwad	waste management needed
Natural Environment						
1. conservation site			*			
2. protected species			*			
3. water resources			*			
4. soil erosion			*			
5. landscape quality			*			
6. resource consumption			*			
Human Environment						
1. resettlement			*			
2. cultural resources		*			restoration of foot path	adequate design and construction management
3. native people			*			
4. socio-economic effects		*			possible skewed spread of tourist benefits to resident:	5
5. infrastructure pressure			*			
6. land use change		*			potential for change in business	monitoring of situation needed
7. traffic congestion	:	\$			potential increase of touris traffic near the local port	t adequate traffic management needed

Table 18.9.3 Environmental Check List - Historic Tartous-Arwad

Others

(5) Project D: Latakia Cultural Circuit

This project will improve the value of three major cultural sites around Latakia by improved presentation and improvement of existing access roads. Although the road improvement includes full re-pavement and improvement of unsafe parts of roads, and the alignment and width will not be changed, careful design and construction management are needed in order not to damage the important forest of the area.

Table 18.9.4 shows the results of IEE, and this project is classified as Category B.

Check Item	major	small	none	not	Potential Problems	Actions/
				clear	/Benefits	Countermeasures
Pollution						
 air pollution 		*			potential emission increase	adaptation of emission
					by increased tourists	control
2. water pollution			*			
3. noise & vibration		*			potential noise by	adequate traffic control
					increased tourist vehicles	needed
1. subsidence			*			
5. construction disturbance		*				adequate construction
					road improvement	management
6. waste generation		*			potential for tourist litter	provision of trash bins,
					along improved access	waste management needed
Natural Environment						
L conservation site		*			potential damage of trees	careful design and adequate
					by alignment improvement	construction method
2. protected species		*			potential damage of	provision of protection
					animals by increased traffic	fence where necessary
water resources			*			
4. soil crosion		*			potential damage by read	careful design and adequate
					improvement	construction method
5. landscape quality		*			potential damage by	careful design needed
					observation points	
6. resource consumption			*			
Human Environment						
1. resettlement			*			
cultural resources		*			potential damage by sign	careful design needed
					and panel posting	1
3. native people			*			
4. socio-economie effects		*			possible skewed spread of	
					tourist benefits to residents	, · · ·
5. infrastructure pressure			*			1
6. land use change		*			potential for change in	monitoring of situation
					business	needed
7. traffic congestion		*			potential increase of tourist	adequate traffic
					traffic at peak seasons	management needed

Table 18.9.4 Environmental Check List - Latakia Cultural Circuit

(6) Project E: Aleppo the Silk Road

This project will improve the presentation of cultural resources and walking environment in the city including the Old City. These activities will obviously relieve the registered world heritage of Old Aleppo from degradation, and bring considerable socio-economic effects to the community.

While there is potential to increase tourist traffic, the project aims to increase the tourist capacity without significant increase of tourist vehicles, especially around Aleppo Citadel and Bab Qinesrin (the gate to proposed visitor center) at peak seasons. Although the project includes the provision of parking area for both, adequate traffic management in general and for peak seasons will be needed

Table 18.9.5 shows the results of IEE, and this project is classified as Category B.

Check Item	major	small	none	not	Potential Problems	Actions
		_		clear	(Benefits	Countermeasures
Pollution						
L air pollution			*			
2. water pollution			*			
3. noise & vibration			*			
4. subsidence			*			
5. construction disturbance		*			during pedestrian crossing construction	adequate construction management
6. waste generation		*			potential for tourist litter along improved access	waste management needed
Natural Environment						
L conservation site			*			
2. protected species			*			
3. water resources			*			
4. soil erosion			*			
5. landscape quality			*			
6. resource consumption			*			
Human Environment						
1. resettlement			*			
2. cultural resources		*			restoration of historical building, foot path	careful design needed
3. native people			*			
4. socio-economic effects		*			possible skewed spread of tourist benefits to residents	
5. infrastructure pressure			*			
6. land use change		*			potential for change in business	monitoring of situation needed
7. traffic congestion		*			potential increase of tourist traffic at peak seasons	adequate traffic management needed

Table 18.9.5 Environmental Check List - Aleppo the Silk Road

Others

(7) Project F: Tourist-Friendly Syria

This project will improve the value of cultural heritage in the country by provision of interpretation panels and easier access signs. However, adequate design of panels and resource management are needed in order not to damage the cultural resources by increased tourists.

This project includes the foreign tourism promotion and bring considerable socio-economic benefit not only for local communities but also for the country as whole.

Table 18.9.6 shows the results of IEE, and this project is classified as Category B.

Check Item	major	small	none	not	Potential Problems	Actions ¹
				clear	Benefits	Countermeasures
Pollution						
1. air pollution			*			
2. water pollution			*			
3. noise & vibration		*			potential noise by	adequate traffic control
					increased tourist vehicles	
4. subsidence			*			
5. construction disturbance			*			
6. waste generation		*			potential for tourist litter	provision of trash bins,
					along improved access	waste management needed
Natural Environment						······
1. conservation site			*			
2. protected species			*			
3. water resources			*			
4. soil erosion			*			
5. Jandscape quality			*			
6. resource consumption			*			
Human Environment						
1. resettlement			*			
2. cultural resources		*			increased value	careful design and
					by presentation upgrade	management needed
3. native people			*			<u>.</u>
4. socio-economic effects		*			possible skewed spread of	
					tourist benefits to residents	
5. infrastructure pressure			*			
6. land use change			*			
7. traffic congestion			*			
Others						periodical monitoring of isolated sites needed

Table 18.9.6 Environmental Check List - Tourist-Friendly Syria

Source: JICA Study Team

18.9.2 Social Considerations

The well-being of the affected Syrian populations will improve as a result of these projects. Table 18.9.7 summarizes expected impacts of each project component on the quality of life within the radius of influence of each. These projects are designed to convert these cities into "tourist-friendly open air museums" that facilitate touring and relaxation by both foreigners as well as Syrians. They are designed to encourage prolonged touring by foot and to disperse tourist flows from key attractions into nearby neighborhoods; likewise they will spread the foreign currency expenditure into the neighborhoods for the benefit of small enterprise.

The improved information services provided by the tourist information centers and visitor centers, will stimulate expenditure of all types and to a limited extent encourage the dispersal of spending in neighborhoods. This economic benefit to some extent will be realized through increased food & beverage consumption, local transport services, personal services and retail sales of souvenirs and high quality arts and crafts found in abundance. Generally, this process will induce expansion and upgrading of shops and restaurants by local merchants and the creation of guest houses and small hotels will create jobs for local unskilled and moderately skilled labor. These mostly unskilled and moderately skilled service jobs can be staffed by inner-city unemployed. Some of these jobs can be filled by women. The job creation at cities other than Damascus will provide jobs in provincial Syria and needed alternative employment opportunities as a substitute for migration to the capital city. It is significant from our social survey, that a large part of the population, particularly the young, have positive expectations of tourism, and are quite willing to acquire new working skills to use when employed in tourism related activities.

In general, the effect of the projects on the quality of life for the local citizenry will be quite positive. Expected motor traffic effects are minimal. City inhabitants will derive daily benefit from streetscape and park improvements to the urban environment. In the case of the Barada Green Promenade, and the tourist trails through Hama, Tartous and Aleppo, since these projects feature significant streetscape improvements (burial of utility lines, re-paying of walkways, lighting, facade touch-ups, etc.), there will also be a safety benefit for pedestrian traffic as well as a psychological one. More businesses located along the most popular tourist routes will extend their operating hours into the evening as tourist activity grows. A minor drawback will be the rise in prices at businesses (taxis, some restaurants & cafes, etc.) that serve the higher income foreign clientele. This effect is not expected to be major in view of the wide availability of services in the general economy.

As new business opportunities open up due to these projects, it is likely that some businessmen with entrepreneurial mind will make use of these opportunities and succeed, while others will be left out. Hence, it is somewhat inevitable that social discrepancies will widen. It is therefore desirable to keep the transformation of the economy at the local level as transparent as possible.

This program of priority projects is intended to contribute to the related objective of urban revitalization in the historic city centers suffering from considerable decay. However, it is not intended itself as an inner-city revitalization program; it is intended to boost the economic and social vitality of these city centers through international tourism, and thereby contributes in a secondary way to the related objective of urban revitalization. The case of Arwad Island is delicate because of its densely built environment and isolation from the urban services of Tartous city. For this reason the unique component of trash management has been added to this program, for both sanitation and beautification.

Project Component	Economic	Cultural	Amenity	Traffic	Noise after	Health &	Community
	Stimulus	Heritage		Congestion	Completion	Hygiene	Integration
The Great Damascus							
Heritage		WARELUR					
Barada Green Promenade		POSITIVE	•			positive	positive
Tourist Trails	positive	positive	positive			positive	
Old Damascus Visitor Center	positive	POSITIVE					
Tourist Information Upgrading			•.•				
Taxi Stops and Parking	positive		positive				
Hijaz Railway Exhibition		POSITIVE					
Old Hama of Norias			ан. 11 анд 11 анд			. •	
Tourist Trails	positive	positive	positive			positive	
Tourist Information Upgrading	positive	positive					
Visitor Center	positive	POSITIVE					
Noria Park and Museum		positive	positive				
Bridge Construction				positive	negative		positive
Historic Tartous-Arwad							
Tourist Trails		positive	positive			positive	
Tourist Information Upgrading							
Old Tartous Visitor Center	positive	POSITIVE					
Arwad Visitor Center	positive	positive					÷
Passenger Piers	positive		positive	POSITIVE			POSITIVI
Solid Waste Management			POSITIVE	<u>.</u>		POSITIVE	. .
Latakia Cultural Circuit							
Tourist Information Upgrading							
Access Road Improvement	positive	positive	positive	positive	positive		POSITIVI
Observation Points	positive	positive	positive		-		
Aleppo the Silk Road					· · · · · · · · · · · · · · · · · · ·		
Tourist Information Upgrading							
Old Souq Visitor Center	positive	POSITIVE					
Tourist Trails	positive	positive	positive			positive	
Taxi Stops and Parking			positive			•	
Tourist-Friendly Syria							
Tourist Traffic Direction Signs			positive				
Interpretation and Amenities		positive	POSITIVE				
Foreign Promotion Campaign	POSITIVE	-					
Note: "POSITIVE"			IVE impac	·1·			
"positive"		or positive	•	` I			
"NEGATIVE"			TIVEimpa	ct:and			
"negative"		or negative	•			· · ·	
Source: JICA Study Team			puct.				
states rear blody fabri						÷	

Table 18.9.7	Social Impact Assessment of Priority Projects

18.10 Cost and Feasibility of the Priority Projects

18.10.1 Cost Planning for the Priority Projects

(1) Premises

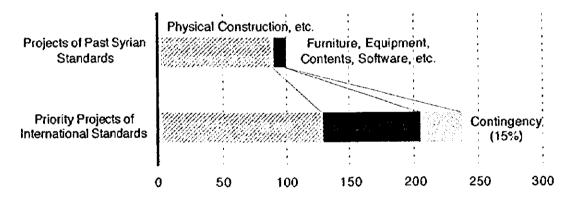
It is important to plan the appropriate cost for the priority projects at the desirable quality level, including the necessary operational materials, furniture, equipment, display contents and the provision of well trained staff, which the past simple cost estimation often neglected.

The project cost planning was made under the following premises:

- quality of work was assumed at international standards;
- costs planning was made by multiplying inclusive unit prices with needed number of units which are appropriate to achieve objectives of each priority project;
- costs were all planned at May 1998 prices;
- the costs for the design and supervision including preparation of tender documents are calculated on a percentage basis: 6 to 25 percent of the estimated construction, procurement and execution cost;
- the overhead profits are included in each cost;
- contingency of 15 percent is added to the cost for both the design and supervision, and the construction, procurement and execution taking into account physical and price contingency;
- for the currency conversion, in case necessary, exchange rate of Commercial Bank of Syria in May 1998: US\$ 1.00 = SP 45.00 is applied; and
- land acquisition costs and taxes are not included.

Figure 18.10.1 explains conceptually what was included in the cost planning applied here. The physical construction cost was provided at a slightly higher level in consideration of the international standards. In addition, the cost for the "software" was taken into account of higher importance. Contingency was added as described above.

Figure 18.10.1 Conceptual Diagram of Priority Projects' Cost Planning





(2) ProjectCost

The total cost of the 6 priority projects amounts to SP 3,351 million (US\$ 74.48 million) including the costs for the consulting services for the overall project management of 6 priority projects, and 15 percent of contingency. The cost for the overall project management is provisionally calculated on a percent basis of 6 percent. This will depend on the necessary consulting services and input of experts in accordance with the implementation structure.

The following Table 18.10.1 shows a summary of the project costs for the package of 6 priority projects. Table 18.10.2 shows its breakdown. These costs include all those for the 6 priority projects implementation except for land acquisition and taxes.

(3) Operation and Maintenance Cost

Operation and maintenance costs of each component of the 6 priority projects were estimated considering the nature of the project component in question and likely management structure, and they were summed up for each of the 6 priority projects. Annual outlays were estimated considering individual construction schedules and opening time. The results are shown in Table 18.10.13. Figures represent desirable levels.

					housand SP)
Project and Component	Design, S/V	Execution	Subtotal	Contingency	Total
Project A: The Great Damascus Heritage	55,084	632,500	687,584	103,138	790,722
1. Barada Green Promenade	15,624	181,800	197,424	29,614	227,038
2. Tourist Trails	24,510	290,600	315,110	47,267	362,377
3. Old Damascus Visitor Center	7,807	79,700	87,507	13,126	100,633
4. Tourist Information Upgrading	2,142	20,700	22,842	3,426	26,268
5. Taxi Stops and Parking	2,976	37,200	40,176	6,026	46,202
6. Hijaz Railway Exhibition	2,025	22,500	24,525	3,679	28,204
Project B: Old Hama of Norias	38,056	449,800	487,856	73,178	561,034
1. Tourist Trails	12,150	140,500	152,650	22,898	175,548
2. Tourist Information Upgrading	1,578	18,800	20,378	3,057	23,435
3. Visitor Center	1,904	19,900	21,804	3,271	25,075
4. Noria Park and Museum	14,648	173,400	188,048	28,207	216,255
5. Bridge Construction	7,776	97,200	104,976	15,746	120,722
Project C: Historic Tartous-Arwad	51,085	437,000	488,085	73,213	561,298
1. Tourist Trails	10,630	121,000	131,630	19,745	151,375
2. Tourist Information Upgrading	2,049	20,400	22,449	3,367	25,816
3. Old Tartous Visitor enter	2,184	23,400	25,584	3,838	29,422
4. Arwad Visitor Center	4,904	50,400	55,304	8,296	63,600
5. Passenger Piers	11,920	86,000	97,920	14,688	112,608
6. Solid Waste Management	19,398	135,800	155,198	23,280	178,478
Project D: Latakia Cultural Circuit	30,462	325,600	356,062	53,409	409,471
1. Tourist Information Upgrading	2,824	32,900	35,724	5,359	41,083
2. Access Road Improvement	26,828	273,800	300,628	45,094	345,722
3. Observation Points	810	18,900	19,710	2,957	22,667
Project E: Aleppo the Silk Road	26,888	401,100	427,988	64,198	492,186
1. Tourist Information Upgrading	2,116	27,100	29,216	4,382	33,598
2. Old Soug Visitor Center	4,432	51,200	55,632	8,345	63,977
3. Tourist Trails	18,720	295,800	314,520	47,178	361,698
4. Taxi Stops and Parking	1,620	27,000	28,620	4,293	32,913
Project F: Tourist-Friendly Syria	56,000	260,000	316,000	47,400	363,400
1. Tourist Traffic Direction Signs	4,000	40,000	44,000	6,600	50,600
2. Interpretation and Amenitics	2,000	20,000	22,000		25,300
3. Foreign Promotion Campaign	50,000	200,000	250,000		287,500
Overall Project Management	0	0	150,360	· · · · · · · · · · · · · · · · · · ·	172,914
GRAND TOTAL	257,575	2,506,000	2,913,935		3,351,025

Table 18.10.1 Summary of ProjectCost Planning

	Detailed D		pervision (S/V)			Cost Planning on nt and Execution				Continge	ncý	(Grand Tota	1		
PROJECTS	(000 SP)	FCP (000 SP) (%)	LCP (000 SP) (%)		FCP (000 SP) (%	LCP) (000 SP) (%)		FCP	LCP.	15%	FCP		(000 CD)	FCP		Outline
The Great Damascus Heritage	55,084	36,218 65.		632,500			5 687.584	387,568	(000 SP) 300.016	103,138		45.002	790,722	(000 SP) 445,703	(000 SP) 345,019	
1 Barada Green Promenade	15,624	8,568 54				4 68,400 37.	6 1197,424	2121,968			\$18,295		227,038			SECTION AND A
 physical improvement 	7,200	3,600 50.			67,500 75	.0 22,500 25.					10,665	3,915	111,780	81,765	30,015	L5km long
 landscape underground crossing 	3,024 5,400	2,268 75.0 2,700 50.0			18,900 50						3,175	2,948	46,948			0.9km long
2 Tourist Trails	24,510				27,000 50 7144,550 (49						4,455 24,404	4,455 12 2,863	68,310 (362,377	34,155 §1 87,096	54,133 5/178-486	3 crossings
2- physical improvement	20,640	15,480 75										20,124	320,436		154.284	4 km long
2- direction signs	960	720 75.		9,600	4,800 50	.0 4,800 50		5,520	5,040		828	756	12,144	6,348		24 km long
2- maps and panels	1,200	900 75,			4,000 50						735	645	10,58 0	5,635		80 nodes/points
2- amenity2- handout production	960 750	480 50. 563 75.		12,000 3,000	6,000 50 750 25			6,480 1,313		1,944 563	972 197	972 366	14,904 4,313	7,452		every 1 km
3 Old Damascus Visitor Center	7,807	4,920 63		579,700						113,126		13297	100.633	1,509	2,803	100,000 copies
3- restoration	1,500	750 50.	0 750 50.0	18,750							1,519	1,519	23,288	11,644	11,644	1,250 sq.m total
3- interior work	2,500						0 33,750	16,875			2,531	2,531	38,813	19,406	19,406	1,250 sq.m
3- display & equipment3- training	3,375 432	2,531 75. 389 90.		22,500							2,911	970	29,756	22,317	7,439	750 sq.m
4 Tourist Information Upgrading	31.2,142			7,200	5,400 75						868 1152,397	276 11 1,029	8,777 26,268	6,657 1421 8,37 8		16*3months
4- interior work	360			4,500	2,250 50				2,430		365	365	5,589	2,795		300 sq.m
4- display & equipment	1,350	1,013 75.	0 338 25.0	9,000	6,750 75	.0 2,250 25.	0 10,350	7,763	2,588	1,553	1,164	388	11,903		2,976	300 sq.m
4- training 5 Taxi Stops and Parking	432	389 90.			5,400 75		0 7,632	5,789			868	276	8,777	6,657		16*3months
5- physical improvement	2,976 2,080	1,712,57 1,040 50				0 1518 600 250	5 - 7 S 9 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	320,312				312,980	36,202	323,159		
5- sign & shelter	896	672 75.									2,106 941	2,106 874	32,292 13,910			16 taxi stops+2 parki 16 taxi stops
6 Hijaz Ballway Exhibition	2,025							314,419				31 1316	28,204	7716.582	12511.622	WIGHESS FOR
6- physical improvement	900	450 50.	0 450 50.0	15,000	7,500 50	0 7,500 50	0 15,900	7,950	7,950	2,385	1,193	1,193	18,285	9,143	9,143	1,000 sq.m
6- display & equipment Old Hama of Norias	1,125	844 75. 26,105 68.									970	323	9,919			500 sq.m
1 Tourist Trails	12,130		8 7 3,188 26,2	449,800		.9 216,550 48 5 32 71,000 25 0		259,355 7 8,46			38,903 111,769		561,034 21 75,548	298,258		
I- physical improvement	9,600	7,200 75.	0 2,400 25.0	120,000								9,360		77,280		2 km long
 direction signs 	600	450 75.		6,000	3,000 50	.0 3,000 50	6,600	3,450	3,150	990	518	473	7,590	3,968		15 km
 maps and panels amenity 	600 600	450 75. 300 50			2,000 50					690	368	323	5,290			40 nodes/points
I- handout production	750											608 366				every 1 km 100,000 copies
2 Tourist Information Upgrading	1,578	21121176			W (1;30026)			312,71		1 3.057	11 1:907	1111150	223,435	313.61	8.817	A State State State
2- extension work	84	42 50	.0 42 50.0) <u>1,40</u> 0	700 50	0.0 700 50	0 1,48	1 742	2 742	223	111	ÎĤ	1,707	853	853	200 sq.m extension
2- interior work2- display & equipment	720	540 75 338 75			4,500 50							702			5,382	600 sq.m
2- training	324											129 207	3,968 6,583		992	200 sq.m 12*3months
3 Visitor Center		111172	3 527 27					314 17		E3.27 1	12,126		25,075	2716.303	8 172	SAMPRESS M
3- interior work	400		.0 200 50.0	5,000	2,500 50	2,500 50	.0 5,400) 2,700	2,700	810	405	405	1 6,210	3,105	3,105	200 sq.m
 3- display & equipment 3- landscaping 	900 280		0 225 25.0		4,500 7			5,17	5 1,725	1,035	776	259	7,935	5,951	1,984	200 sq.m
3- training	324		.0 70 25.0 .0 32 10.0	0 3,500 0 5,400	4,050 7		0 3,780 0 5,724		0 1,820 2 1,382	567 859		273 207	4,347 6,583	2,254 4,993	2,093	500 sq.m 12*3months
4 Noria Park and Museum	14,648	810.667 772	8 3.98171272	173 400			6 188,04		7 386,331	128,207			216235		1299311	
4- construction	504	252 50	.0 252 50 (8,400	4,200 50	0.0 4,200 50	.0 8,904	4,452	2 4,452	1,336	668	668	. 10,240	5,120	5,120	[600+600 sq.m
 4- interior work 4- display & equipment 	1,536						0 20,730	5 10,752	2 9,984	3,110	1,613		23,846	12,365	11,482	600+600 sq.m
4- water wheel restoration	2,700		.0 675 25 (.0 387 75 (600 sq.m 5% of the component
4- landscaping	8,960		.0 2,240 25 0	112,000				5 2,279 5 62,720	9 6,837 9 58,240	1,367 18,144		8,736	10,483 139,104		66 976	80% of 2.0 ha
4- training	432	389 90	.0 43 10.0	0 7,200	5,400 7	5.0 1,800 25	.0 7,632	2 5,789	9 1,843	1,145	868	276	8,777	6,657	2,120	16*3months
5 Bridge Construction	1 17.776	3,888,50			48,600 5	0.0 7848.600 50	0 104,97	52,48	8 252,488	1215,746	落7,873	17.873	8 120,722	\$ 60.36	法60.36	AND INVESTIGATION
 5- bridge expansion 5- pedestrian bridges 	4,320										4,374	4,374	67,068			6 m width 30 m long
Historic Tartous-Arwad	51,085			0 43,200 3 437,000		0.0 21,600 50 0.7 158,825 36			8 23,328 2 172,763			3,499	53,654 561,298	26,821		3 m width 30 m long
1 Tourist Trails		127.773 23	1 2858026	2121.000	59,750 4	4 13 61 250 750	6 F131 63	196752	61.63	319 745	510,728	819.616	ST\$137375	1277.63	317372	
 physical improvement 	7,680	ij 5,760 75	.0] 1,920 25.0	0 96,000	48,000 5 ().0 48,000 50	.0 103,680	53,76	0 49,920	15,552	8,064	7,488	119,232	61,824	57,408	2.4 km long
 l- direction signs l- maps and panels 	800 600											630				20 km
 maps and panets amenity 	800									690		323				40 nodes/points
1- handout production	750					5.0 2,250 75					810 197	810 366		6,210 1,509		every 1 km 100,000 copies
-	•	•	,	: 2,000				-1 -1441	-1 -1-1-1	1 505	1 127			• •,000	1 2,003	Traches aching
	1												÷ 1	E E	· .	· · · · · · · · · · · · · · · · · · ·
· · · · · ·							. *						. 1	11		Final Re

				т	able 18.10.2 Co	ost Planning of	Priority Pr	ojects (1)								
	Detailed D	esign (D.D), Su	pervision (S/V)							Continger	ncy		Jrand Lota	 		
PROÆCIS		FCP	TCP		FCP	LCP	ĺ	FCP	LCP	15%	FCP	LCP]	FCP	LCP	Outline
	(000 SP)	(000 SP) (%)	(000 SP) (%)						(000 SP)					(000 SP)		
The Great Damascus Heritage	55,084	36,218 65.7	18,866 34.3		351,350 55.5		687,584			103,138		45,002	790,722		345,019	
I Barada Green Promenade	15,624	8,568 54.8			113,400 62.4	68,400 37.6	197,424	121,968	75,456			11,318	227,038		86,774	
 physical improvement 	7,200	3,600 50.0	3,600 50.0	90,000	67,500 75.0	22,500 25.0	97,200	71,100	26,100			3,915	111,780			1.5km long
1- landscape	3,024	2,268 75.0	756 25.0	37,800	18,900 50.0	18,900 50.0	40,824	21,168	19,656	6,124	3,175	2,948	46,948	24,343		0.9km long
1- underground crossing	5,400	2,700 50.0	2,700 50.0	54,000	27,000 50.0	27,000 50.0	59,400	29,700	29,700	8,910		4,455			34,155	3 crossings
2 Tourist Trails	24,510	18,143 74.0		290,600	144,550 49.7	146,050 50.3	315,110	162,693		47,267		22,863	362,377	187,096	175,280	
2 physical improvement	20,610	15,480 75.0	5,160 25.0	258,000	129,000 50.0	129,000 50.0	278,640	144,480	131,160	41,796	21,672	20,124	320,136	166,152		4 km long
2- direction signs	960	720 75.0		9,600	4,800 50.0	4,800 50.0	10,560	5,520	5,040	1,581	828	756	12,144	6,348		24 km long
2- maps and panels	1,200	900 75.0			1,000 50.0	4,000 50.0	9,200	4,900	4,300	1,380	735	645	10,580	5,635		80 nodes/points
2- amenity	960	480 50.0		12,000	6,000 50.0	6,000 50.0	12,960	6,480	6.480	1,914	972	972	14,901	7,452		every 1 km
2- handout production 3 Old Damascus Visitor Center	750	563 75.0			750 25.0	2,250 75.0	3,750	1,313	2,438	563	197 35.4 000	366	4,313	1,509	2,803	100,000 copies
· · · · · · · · · · · · · · · · · · ·	7,807	4,920 63.0			47,275 59.3	32,425 40.7	87,507	52,195	35,312	13,126	7,829	5,297	100,633	60,024	2 40,609	的認識的正
3- restoration	1,500	750 50.0	750 50.0 1,250 50.0		9.375 50.0	9,375 50.0	20,250	10,125	10,125	3,038	1,519	1,519	23,288	11,614		1,250 sq.m total
3- interior work	2,500	1,250 50.0			15,625 50 0	15,625 50.0	33,750	16,875	16,875	5,063	2,531	2,531	38,813	19,406		1,250 sq m
3- display & equipment	3,375 432	2,531 75.0 389 90.0	814 25.0 43 10.0		16.875 75.0	5,625 25.0	25,875	19,406	6,469	3,881	2,911	970	29,756	22,317		750 sq.m
3- training					5,400 75.0	1,800 25.0	7,632	5,789	1,843	1,145	868	276	8 777	6,657	2,120	16*3months
4 Tourist Information Upgrading	2,142	1,581 73.8			14,400 69.6	6,300 30.4	22,842	15,981	5,861	3,426	2,397	1,029	26,268	18,378	7,890	
	1,350	180 50.0 1,013 75.0		4,500 9,000	2,250 50.0	2,250 50.0 2,250 25.0	4,860	2,430	2,430	729	365	365	5,589	2,795		300 sq.m
 4- display & equipment 4- training 	432	389 90.0			6,750 75.0 5,400 75.0	2,230 25.0 1,800 25.0	10,350 7,632	7,763 5,789	2,588 1,843	1,553	1,161	388	11,903	8,927		300 sq m
5 Taxi Stops and Parking	2,976	1,712*57.5								1,145	868	276	8,777	6,657		16*3months
5- physical improvement	2,080	1,040 50.0		37,200 26,000	13,000 \$0.0	18,600 50.0		20,312	19,864 14,040	6,026	<u>)</u> [3,047	2,980	46,202	23,359	22,844	
5- sign & shelter	2,000	672 75.0			5,600 50.0	13,000 50.0 5,600 50.0	28,080 12,096	14,010 6,272	5,824	4,212 1,814	2,106 941	2,106	32,292	16,146	10,140	16 taxi stops+2 parki
6 Hijaz Railway Exhibition	2,025	1,294 63.9			13,125 58.3	3,000 30.0	€ 24 ,525		5,824 10,106			874	13,910	7,213	0,098 * 511 (25	16 taxi stops
6- physical improvement	900			15,000	7,500 50.0	7,500 50.0	15,900	. 14,419 7,950	7,950	3,679 2,385	2,163	् 1,516	28,204	16,582		
6- display & equipment	1,125	844 75.0			5,625 75.0	1.875 25.0	8.625	6,469	2.156	1,294	1,193 970	1,193 323	18,285 9,919	9,143 7,439		1,000 sq m 500 sq.m
Old Hama of Norias	38,056	26,105 68.6	11,951 31.4		233,250 51.9	216,550 48.1		259,355		73,178			561,034	298,258	262,776	
1 Tourist Trails	12,150					71,000		78,463					175,548	90,232		OWNERS OF
1- physical improvement	9,600	7,200 75.0			60,000 50.0	60,000 50.0		67,200	62,400	19,440	10,080	9,360	119,010	77,280	71 760	2 km long
1- direction signs	600	450 75.0			3,000 50.0	3,000 50.0	6,600	3,450	3,150	990	518	473	7,590	3,968		15 km
1- maps and panels	600	450 75.0	150 25.0		2,000 50.0	2,000 50.0	4,600	2,150	2,150	690	368	323	5,290	2,818		40 nodes/points
1 amenity	600				3,750 50.0	3,750 50.0	8,100	4,050	4,050	1,215	608	608	9,315	4.658		every 1 km
1- handout production	750	563 75.0			750 25.0	2,250 75.0	3,750	1,313	2,438	563		366	4,313	1,509		100,000 copies
2 Tourist Information Upgrading	1,578	1,211 76.3			11,500 61.2	7,300 38.8		12,711	7,667	3,057	1,907	1,150	23,435	14,618	<u>ି</u> 8.817	
2- extension work	84					700 50.0	1,484			223		III III	1,707	853	853	200 sq.m extension
2- interior work	720	540 75.0				4,500 50.0		5,040		1,458	756	702	11,178	5,796	5.382	600 sq.m
 display & equipment 	450	338 75.0	113 25.0	3,000		750 25.0		2,588		518	388	129		2,976		200 sq m
2- training	324			5,400		1,350 25.0	5,724	4,342		859	651	207	6,583	4,993	1.590	12*3months
3 Visitor Center	i,904	1,377 72	527 27.7	19,900	12,800 64.3	7,100 35.7		14,177						16,303	8.772	於期間給增整200
3- interior work	400	200 50.0	200 50.0	5,000		2,500 50.0									3,105	200 sq.m
3- display & equipment	900					1,500 25.0	6,900		1,725	1,035	776	259	7,935	5,951	1,984	200 sq.m
3- landscaping	280			3,500	1,750 50.0	1,750 50.0	3,780	1,960	1,820	567				2,251	2,093	500 sq.m
3- training	324					1,350 25.0	5,724	4,342	1,382	859				4,993	1,590	12*3months
4 Noria Park and Museum	14,648						188,018				15,228	12,980			299,511	
4- construction	501				4,200 50.0	4,200 50.0	8,901	4,452	4,452	1,336	668	668	10,24 0	5,120	5,120	600±600 sq.m
4- interior work	1,536					9,600 50.0				3,110		1,498		12,365	11,482	600+600 sq.m
4- display & equipment	2,700					4,500 25.0			5,175	3,105	2,329	776	23,805		5,951	600 sq.m
4- water wheel restoration	516					6,450 75.0					342	1,026		2,621	7,863	5% of the component
4- landscaping	8,960					56,000 50.0				18,144	9,408		139,104	72,128	66,976	80% of 2.0 ha
4- training	432					1,800 25.0	7,632			1,145	868	276	8,777	6,657		16*3months
5 Bridge Construction	7,776															2013年1月1日日本201
5- bridge expansion	4,320					27,000 50.0	58,320			8,748	4,374	4,371	67,068	33,534	33,534	6 m width 30 m lon;
5- pedestrian bridges	3,456				21,600 50.0										26,827	3 m width 30 m Ion
Historic Tartous-Arwad	51,085	37,147 72.						315,322							198,677	
1 Tourist Trails	10,630											9,616				
I- physical improvement	7,68(5,760 75.0				48,000 50.0		• ·		15,552	8,064	7,488	119,232	61,824	57,408	2.4 km long
 direction signs 	800	600 75.0										630				20 km
 maps and panels 	606	450 75.0						· ·		690	368	323	5,290	2,818		40 nodes/points
 amenity handout production 	800					· ·							· ·			every 1 km
	750	563 75.	188 25.0	3,000	750 25.0	2,250 75.0	3,750	1,313	2,438	563	197	366				100,000 copies

Table 18.10.2 Cost Planning of Priority Projects (2)

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DRAIFOTS	Detailed I	esign (D/D), Su	pervision (S/V)	Constructi	on, Procurement FCP	and Execution	Sub-Total	FCP	LCP	Continge	ncy FCP	1.CP	Grand Tota	FCP	LCP	Outline
PROJECTS	(000 SP)	FCP (000 SP) (%)	 A set of the set of	(000 SP)	(000 SP) (%)	(000 SP) (%)	(000 SP)	(000 SP)					(000 SP)		(000 SP)	Oudine
2 Toutist Information Upgrading	2,049	1,435 70.1			the second s				7,589		2,229	31,138	25,816	17,089		
2- interior work	600	300 50.0		7,500	3,750 50.0	3,750 50.0			4,050	1,215	608	608	9,315	4,658		\$00 sq.m
2- display & equipment	1,125	844 75.0		7,500	5,625.75.0	1,875 25.0			2,156		970	323	9,919	7,439		500 sq.m
2- training	324	292 90.0		5,400	4,050 75.0	1,350 25.0	5.724	4,342	1,382	859	651	207	6,583	4,993		12•3months
3 Old Tartous Visitor enter	2,184	1,587,72.6		23,400	14,550 62.2	8,850,137,8		3-16,137	5129,447	3,838	2,420	题1417	29,422	118,357		CARRENCE
3- interior work	400	200 50.0		5,000	2,500 50.0	2,500 50.0			2,700	810	405	405	6,210	3,105		200 sq.m
3- display & equipment	900	675 75.0		6,000	4,500 75,0	1,500 25.0			1,725	1,035 1,134	776 588	259 546	7,935 8,694	5,951	1,984	200 sq.m
3- landscaping3- training	560 324	420 75.0		7,000 5,400	3,500 50.0 4,050 75.0	3,500 50.0 1,350 25.0			3,640 1,382		651	207	6,583	4,508	4,150	1,000 sq.m 12*3months
4 Arwad Visitor Center	524 1904	292 900		3530,400		20,100 39.9			1121 860	348,296	293 017	F3 279	63,600	F238,461	\$25.130	
4- construction	210	105 50.0		3,500	1,750 50.0	1,750 50.0			1,855		278	278	4,267	2,133	2.133	500 sq.m
4- interior work	1,000	500 50.0			6,250 50.0	6,250 50.0					1,013	1,013		7,763	7,763	500 sg.m
4- display & equipment	2,250	1,688 75.0	563 25.0	15,000	11,250 75.0	3,750 25.0	17,250	12,938	4,313	2,588	1,941	647	19,838	14,878	4,959	500 sq.m
4- landscaping	1,120	560 50.0				7,000 50.0			7,560		1,134	1,134		8,694	8,694	2,000 sq.m
4. training	324	292 90.0				1,350 25.0			1,382		651	207	6,583	4,993	1,590	12*3months
5 Passenger Piers	311,920	8,660 72		86,000	361,000 770.3	25,000 29.1	97,920		28,260		610,449	4,239		1.80.109	[\$\$?;499	MAS ECHEMISTORY
5- construction of piers5- landscaping	10,800 1,120	8,100 75.0 560 50.0			1 1. 11 10 10 10 10 10 10	18,000 25.0 7,000 50.0		62,100 7,560			9,315 1,134	3,105 1,134		71,415		2 piers 2,000 sq.m
6 Solid Waste Management	19,398	1114,549 15.0		COMPLEX STR. CARD		36.650 27.0	8155,198				\$17,055	6,225		3130,753	SAT.724	
6- waste disposal	18,750	14,063 75.0			A REPORT OF COMPANY AND A PER-	31,250 25.0			35,938			5,391	165,313	123,984		new incinarator+othe
6- education and training	648	486 75 (5,400 50.0	and the second second			1,717	883	834	13,165	6,769		4*3months+Educatio
Latakia Cultural Circuit	30,462					111,220 34.2						17,868				
1 Toutist Information Upgrading	2,824					211,3507343									2(14.0%	
1- interior work	1,000	500 50							6,750		1,013	1,013		7,763	7,763	1500 sqim
1- display & equipment	1,500											619		14,231		500 sq.m
I- training 2 Access Road Improvement	324 3 26,828	292 9 11 19,914 74					5,724 300,628		1,382 197,333			207	6,583 \$3 45,722	4,993 233,788	1,390	12*3months
2- road construction	26,000		6,500 25.0	1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A REAL PLACE AND A DESCRIPTION OF A DESC				84,500							10km fully+80km pa
2- parking and amenitics	828	414 50.0			1,380 10.0						1	1,925				1,800 sq.m total
3 Observation Points	8810							10,179						2117706		N STANDARD
3- landscaping	630		 A second constraint is realised as a second s		5,250 50,0				5,565	1,670	835	835	12,800	5,400	6,400	500 sq.m each
3- maps and panels	180	135 75.0							1,545					1,880		30 points
Aleppo the Silk Road	26,888	19,838 73.														
1 Tourist Information Upgrading		1.381.65							9110,98							
1- interior work	84 1,000	42 50.0 500 50.0							742 6,750		1,013	1,013	15,525	7,763		200 sq.m 500+300 sq.m
1- display & equipment	600										743	248		5.693	1.898	200 sq.m
1- training	432											276	8,777	6,657	2,120	16*3months
2 Old Soug Visitor Center	324,432	2,989 67.	4 1 1,443 32.0	51,20	34,480 673				118,163	158,343	5,620	22,724	氯63.97	43,089	20,88	CANALAR .
2- interior work	1,600	800 50.	0 800 50.0	20,000	10,000 50.0	10,000 50.0	0 21,600	10,800	10,800	3,240	1,620	1,620	24,840	12,420	12,420	200+600 sq.m
2- display & equipment	2,400		0 600 25.0		18,000 75.0	6,000 25.0	0 26,400	19,800	6,600	3,960	2,970	990		22,770	7,590	200+600 sq m
2- training	432	389 90. 114,0103,74	0 - 43 10.0 5 33353,247A35455	7,200 115562 610	1 6,480 90.0	720 10.	0 7,632 3 533332267	6,869	163	5] 1,145 SIZ9#11#1	1,030	114	8,777	1,899	878	16*3months
3 Tourist Trails	16,560		6 3 4 7 10 143 4 1 10 143 4 1 10 143 4 1 10 143 4 1 10 143 4 1 10 10 10 10 10 10 10	276.00		138,000 50	214,220 0 202 CC	1 101110	142 140); 43,884	186512	21,321	336,444	172,983	162 44	3 km long
3- direction signs	480											378				12 km long
3- maps and panels	600														3.62	60 nodes/points
3- amenity	480							0 3,240	3,24(486	486			3,720	every 1 km
3- handout production	600	540 90	0 60 10.0	3,000	750 25.0	2,250 75.	0 3,600	0 1,290) 2,310) : 54() j − 194		4,140	1,484	2,65	100,000 copies
14 Taxi Stops and Parking		1458 90	0 3/201623100	027.00	19,500 723	7,500, 27	8 28,620	0 20,958	3197.66	2 . 4,29			132.91	3174.10	32.8,81	R ST TRUE ST
4- physical improvement	1,200														4,73	10 taxi stops, 2 parki
4- sign & shelter	420															10 taxi stops
Tourist-Friendly Syria 1 Tourist Traffic Direction Signs	56,000															200 sites
2 Interpretation and Amenities	4,000															5 20 sites
3 Foreign Promotion Campaign	50,000									37,500						TV, newspaper
Sub-Total	257,57				01,425,135 56.9		12,763.57	51.596.50	21.167.07	3 414.53			3,178,111			
Overall Project Management						1	150,360		64.852	2 22,55	12,826		172,914			
••••••••••••••••••••••••••••••••••••••	-				· · ·					······································						

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Contingency Detailed Design (D.D), Supervision (S/V) Construction, Procurement and Execution Sub-Tota Grand Total PROJECTS. 15% TCP LCP FCP LCP FCF LCP FCP LCP TCI (000 SP) (000 SP) (000 SP) (%) (000 SP) (%) (%) (000 SP) (%) (000 SP) (000 SP) (000 SP) 000 SP (000 SP) (000 SP) (000 SP) (%) (000 SP) 2 Tourist Information Upgrading 20,40 7,589 2,019 1,435 70.1 614 29.9 13,425 65.8 6,975 342 22,445 14,860 3.367 2,229 1,138 25,816 17.089 300 50.0 3.750 50.0 8,100 100 504 7,500 3.750 50.0 1.215 608 9.315 2- interior work 4.050 4,050 -605 4.658 600 2- display & equipment 844 75.0 281 25.0 7.500 5,625 75.0 1,875 25.0 8,625 2,156 1,294 970 323 9,919 7,439 1,125 6,469 6,583 32 10.0 5.400 1,350 25.0 1.382 651 1850 25.0 5,724 859 207 4.993 2- training 324 292 90 (4312 3 Old Tartous Visitor enter 1.587 72.6 597 27.4 23,400 14,550 62.2 8.850 37.8 25.584 9.447 3,838 1.417 29,422 18.557 2.184 16,137 2,420 200 50.0 200 50.0 5,000 2.500 50.0 2,500 50.0 5.400 2,700 810 $d\Omega$ 3- interior work 400 2,700 .t05 6,210 -3.10675 75.0 6,000 4,500 75.0 1.500 25.0 1.035 776 259 7,935 3- display & equipment 900 225 25.0 6.900 5.175 1.725 5,951 8,6941 420 75.0 7.000 3,500 50.0 3.610 588 560 140 25.0 3,500 50.0 7.560 3,920 1,134 546 4,508 3- landscaping 3- training 5,400 4.050 75.0 5.724 4.993 37. 292 90.0 32 10.0 1.350 25.0 4.342 1.382 859 65 201 6.583 4 Arwad Visitor Center 4,904 3,144 64.1 1,760 35.9 50,400 30,300 60.1 21,860 8,296 3,279 63,600 38,461 20,100 39.9 55,304 33,444 5,017 4- construction 105 50.0 105 50.0 3.500 1.750 50.0 1.750 50.0 3.710 1.855 1.855 557 278 278 4.267 2.133 -210-500 - 50.0l 12,500 2,025 15.525 500 50.0 6,250 50.0 6,250 50.0 13,500 6,750 4- interior work 1,000 6,750 1,013 1,013 7,763 1.688 75.0 563 25.0 11.250 75.0 17.250 4- display & equipment 2.250 15.000 3.750 25.0 12.938 4.313 2.588 1.911 647 19.838 14.878 7,000 50.0 4- landscaping 1,120 560 50.0 560 50.0 14,000 7,000 50.0 15,120 7,560 1.560 2,268 1,134 1.134 17,388 8,694 4,050 75.0 1,350 25.0 4- training 292 90.0 32 10.0 5,400 5,724 4,342 1.382 859 207 6,583 4,993 324 651 5 Passenger Piers 8,660 72.7 86,000 61,000 70.9 25,000 29.1 97,920 69,660 28,260 14,688 10,449 4,239 112,608 80,109 11,920 3,260 27.3 5- construction of piers 10,800 8,100 75.0 2,700 25.0 72,000 54,000 75.0 18,000 25.0 82,800 62,100 20,700 12.420 3,105 95,220 71,415 9.3İ: 560 50.0 14,000 7.000 50.0 7,000 50.0 5- landscaping 1,120 560 50.0 15,120 7,560 7,560 2,26 1,134 1,134 17,388 8,694 6 Solid Waste Management 19.398 14,549 75.0 4.850 25.0 135.800 99.150 73.0 36.650 27.0 155.198 113.699 41.500 23,280 17.055 6.225 178,478 130,753 14,063 75.0 125,000 35.938 6- waste disposal 18,750 4,688 25.0 93,750 75.0 31,250 25.0 143,750 107,813 21,563 16,172 5,391 165,313 123,984 10.800 5.400 50.0 6- education and training 648 486 75.0 162 25.0 5.400 50.0 11.448 5.880 5.562 1.717 883 834 13,165 6.769 22,560 74.1 Latakia Cultural Circuit 30,462 7,902 25.9 325,600 214,380 65.8 111,220 31.2 356,067 236,940 119,122 53,409 35,541 17,868 409,471 272,48 1 Tourist Information Upgrading 1,917 67.9 907 32.1 32,900 21.550 65.5 11.350 34.5 12.257 41.083 26.987 2,824 35.724 23.467 25,359 3.520 (1,839 6,250 50.0 interior work 1.000 500 - 5(500 50.0 12.50 6,250 50.0 13,500 6,750 6,750 2,025 1,013 1,013 15,525 7,76 1,500 1,125 375 25.0 15,000 11,250 75.0 3.750 25.0 14.23 1- display & equipment 7 16.500 12.37: 4.125 2.175 1.856 18.975 -61 4.050 75.0 1.350 25.0 5,100 4.342 1,382 4,993 1- training -17 202 - 00 32 101 5,72-85 651 -20. 6.583 2 Access Road Improvement 26,828 19,914 74.2 6.914 25.8 273,800 183.380 67.0 90.420 33.0 300.628 203.294 97.334 45,094 30,494 345,722 233.788 14,600 260,000 84,500 2- road construction 26,000 19,500 75.0 6,500 25.0 182,000 70.0 78.000 30.0 286,000 42,900 328,900 201,500 30,225 12,675 231,725 parking and omenities 828 414 50.0 414 50.0 13,80 1.380 10.0 12,420 90.0 14.62 1.794 12.834 2.194 269 1.925 16,822 2.063 3 Observation Points 810 9,450 50.0 22,667 729 90.0 18,900 9,450 50.0 19,710 10,179 1,430 11,706 81 10.0 9,531 2,957 1,527 3- landscaping 315 50.0 315 50.0 10,500 5,250 50.0 5.250 50.0 63 11.130 5.565 5.565 1.670 835 835 12,800 6,100 3- maps and panels 180 135 75.0 1.500 50.0 1.635 1.880 3 000 1,500 50.0 45 25.0 3.180 1,545 47 245 232 3,657 Aleppo the Silk Road 26.888 19,838 73. 7,050 262 401,100 217,980 51.3 183,120 45.7 427,98 190,170 61,198 28,520 492,186 273, 190 237,818 35,673 1 Tourist Information Upgrading 2,116 1,381 65.3 735 34.7 27,100 16,850 62.2 10,250 37.8 29,216 18,231 10,985 4,382 2,735 1,648 33,598 20,965 1- expansion work 42 50.6 42 50.0 700 50.0 1.400 700 50.0 1,484 74 742 223 - 113 111 1,707 853 1- interior work 1,000 500 50.0 500 50.0 12.500 13,500 6,750 15,525 6250 500 6.250 50.0 6,750 2,025 1,013 1,013 7.763 1- display & equipment 600 450 75.0 150 25.0 6,000 4,500 75.0 1,500 25.0 6,600 4,950 1,650 -99(74 248 7,590 5.693 432 389 90.0 7,200 1.800 25.0 43 10.0 5 400 750 7,632 5.789 1,843 1,145 8,777 6.657 1- training 270 868 2 Old Soug Visitor Center 4,432 2,989 67.4 1,443 32.6 51,200 34,480 67.3 16,720 32.7 55,632 37,469 18,163 2,724 63,977 43,089 8,345 5,620 2- interior work 1.600 800 50.0 20.000 10.000 50.0 10,000 50.0 800 50.0 21,600 10.800 10,800 3,240 1,620 1,620 24.840 12.420 2- display & equipment 2,400 1,800 75.0 600 25.0 24,000 18,000 75.0 6,000 25.0 19,800 30,360 26,400 6.600 3,960 2,970 990 22,770 2- training 432 389 907 43 10.0 7,200 6.480 90.0 720 10.0 7,632 6,869 4,145 1.030 114 8,777 7.899 76 3 Tourist Trails 18,720 14,010 74.8 4,710 25.2 295,800 147,150 49.7 148,650 50.3 314,520 161,160 i153.360 47,178 24,174 23,004 361,698 185,334 3- physical improvement 276.000 138,000 50.0 336,414 16.560 12.420 75.0 4,140 25.0 138,000 50.0 292,560 142.140 43,881 172,983 150,420 22,563 21,321 3- direction signs 480 360 75.0 120 25.0 4.800 2,400 50.0 2,400 50.0 6,072 5,280 2,760 2,520 792 413 378 3,174 3- maps and panels 660 450 75.0 150 25.0 6,000 3,000 50.0 3,000 50.0 3,450 7,590 6,600 473 3,968 3,150 **99**0 518 3- amenity 480 240 50.0 240 50.0 6,000 3,000 50.0 3.000 50.0 6,480 3.240 3.240 972 486 486 7,452 3.726 3- handout production 60(540 90.0 60 10.0 3.000 3,600 1,290 4,140 750 25.0 2,250 75.0 347 1.481 2,310 540 19.1 4 Taxi Stops and Parking 1.620 1.458 .90.0 162 10.0 27,000 19.500 72.2 7,500, 27.8 28.620 [],149] 32,913 20,958 7,662 4,293 3,144 24,102 4- physical improvement 1,200 1,080 90.0 120 10.0 20,000 16,000 80.0 4,000 20.0 21,200 17,080 4,120 3,180 2,562 618 24,380 19,642 4 sign & shelter 3,500 50.0 3,500 50.0 42 378 90.0 42 10.0 7,000 7,420 3.878 3.542 1,113 582 531 8,533 4,460 **Tourist-Friendly Syria** 56,000 130,000 50.0 159,500 363,400 183,425 29,500 52.7 26.500 47.3 260,000 130.000 50.0 316,000 156,500 47,400 23,925 23,475 **1** Fourist Traffic Direction Signs 4,000 3.000 75.0 1.000 25.0 40,000 20,000 50.0 20,000 50.0 44,000 23.000 21,000 3,150 50,600 26,450 6,600 3,450 2 Interpretation and Amenities 2.000 25,300 13,225 1,500 75.0 500 25.0 20.000 10,000 50.0 10,000 50.0 22,000 11,500 10,500 3,30 1,725 1,575 3 Foreign Promotion Campaign 50,000 25,000 50.0 25,000 50.0 200,000 100,000 50.0 100.000 50.0 250.000 125,000 125,000 37,500 18,750 18.750 287.500 143.750 Sub-Total 1,425,135 56.9 1,080.865 43.1 2.763.575 1,596,502 1,167,073 414,536 239,475 175,061 3,178,111 1,835,977 257,575 171,367 66.5 86,208 33.5 2,506,000 **Overall Project Management** 150,360 85,508 61,852 22,551 12,826 9,728 172.914 98,334

Table 18.10.2 Cost Planning of Priority Projects (2)

LCP	Outline
000 SP)	
8,727	
1,658	500 sq.m
2,480	500 sq.m
	12*3months
10,865	
3,105	
	200 sq.m 1.000 s.s.m
4,186	
1,590	
25,139	
2,133	500 sq.m
7,763	500 sq.m
4,959	500 sq.m
8,691	2,000 sq.m
-	12*3months
32 499	
23,805	2 piers
	2,000 sq.m
ו-רט,ס גרבירק,⊡	2,000 20.00
47,724	
41,328	1
6,396	4*3months+Educatio
136,991	ಕೆಸ್ಟ್ ಕೊಡಿಸಿದ ಸಂಪುರ್ಧ ಕೊಡಿಸಿಗಳು ಸಂಪಾ
14,096	
7,763	500 sq m
4,744	500 sq.m
1,590	12*3months
111,934	
97.175	10km fully+80km pa
	1,800 sq.m total
10,961	
6 100	500 sq.m.each
1,777	30 points
218,696	
12,633	
	1000 co. m
805	200 sq.m
	500+300 sq.m
	200 sq.m
	16*3months
20,888	
12,420	200+600 sq m
7,590	200+600 sq.m
878	16*3months
176,364	的复数建筑
163,461	3 km long
	12 km long
-	60 nodes/points
3,120	every 1 km
2,657	100,000 copies
3,811	
	10 taxi stops, 2 parki –
4,073	
179,975	
24.150	200 sites
	20 sites
143 750) IV, newspaper
1,342,134	
74,580	
19,200	<u>′′ </u>

18.10.2 Economic Evaluation

(1) Projection of Economic Benefits from the Priority Projects

As sated in Section 12.1, project benefits are measured in the form of difference in expenditure borne by the projected number of hotel tourists and holiday villa tourists between the cases of with and without the priority projects. The difference was assumed to be one percent increment in the annual growth rate of tourist arrivals between with and without cases. As shown in Section 12.1 and Appendix A12.1, this assumption is in the side of conservative one, rather than optimistic one, considering actual effects of tourism development experienced etsewhere in the world.

The following assumptions were made for the purpose of benefit estimation:

- Expenditure including accommodation and other expenditures by a foreign tourist varies widely from SP 12, 150 per day to SP 2,700 per day according to our survey, which provided statistically insufficient number of samples. The expenditure by foreign tourists was estimated on the basis of data provided by the Central Bank of Syria and using a weighted arithmetic mean.
- Multiplier effect was taken into consideration to determine the Benefit Value Added by adapting a factor of 2.087, taking into account economic effects on related services and industries. In the estimation of economic size of tourism form tourist receipts, a multiplier is usually applied to encompass the direct and secondary effects of tourist expenditures on the economy, less "leakage", i.e. amount paid to foreign countries. The value of the multiplier in tourism depends in large part on how well developed the supplying sectors are and how closely linked they are to tourism. The value of multiplier in tourism sector in Syria was conservatively calculated at 2.087, based on actual expenditure structure of major tourism industry components, which could justify the multiplier applied here. It was assumed that the extent of supplying sector and linkage to tourism are not significantly different among the areas of the 6 priority projects.
- The subject of calculation is limited to hotel tourists and holiday villa tourists. Benefits brought about by other types of tourists such as shopping tourists from neighboring countries, VFR (visiting friends and relatives), transit travelers, and domestic tourists are not included in the calculation. Thus, economic benefit shown here can be said to have been calculated very conservatively.

The overall estimated economic benefit generated by the implementation of proposed 6 priority projects is shown in Table 18.10.3.

Year	Economic Benefit (Hotel Tourist)	Economic Benefit (Holiday Villa Tourist)	Total Economic Benefit x Multiplier(2.087)
1997	0	0	0
1998	0	0	0
1999	97,814,164	94,637,639	401,646,913
2000	106,870,378	113,933,531	460,817,758
2001	117,782,428	123,480,981	503,516,735
2002	129,906,866	133,829,013	550,416,779
2003	143,385,677	145,044,799	601,954,403
2004	158,378,060	157,201,152	658,613,815
2005	175,063,856	168,405,201	716,819,922
2006	188,109,600	176,812,643	761,592,721
2007	202,255,812	185,639,818	809,538,180
2008	217,601,937	194,907,680	860,907,571
2009	234,256,754	204,638,231	915,973,834
2010	252,339,272	214,854,569	975,033,546
2011	271,979,707	225,580,946	1,038,409,083
2012	293,320,559	236,842,826	1,106,450,984
2013	316,517,796	248,666,944	1,179,540,552
2014	341,742,144	261,081,369	1,258,092,672
2015	369,185,084	274,314,279	1,342,983,171

Table 18.10.3 EconomicBenefit Generated by Tourists in Hotels and Villas

Note: Unit: SP

Source: JICA Study Team

(2) Cost

Based on the planned cost shown in Table 18.10.2, the initial cost for each project and the operation and maintenance cost for each project were used for the economic evaluation under the following assumptions:

- The effect of "Project F: Tourist-Friendly Syria" is assumed to contribute to the whole tourism industry in Syria including component projects. Thus, this cost was added when the total benefit of priority projects was calculated;
- Overall project management cost is distributed to each priority project;
- Project evaluation period is 16 years (up to 2015);
- In order to convert the financial cost to the economic cost, a factor of 0.9 was adopted primarily considering taxes;
- Price level: all estimation were made on the basis of price level in May 1998; and
- The official exchange rate in May 1998, US\$ 1.00= SP 45.00 was applied.

(3) Benefit

The overall value of economic benefit from incremental hotel and holiday villa tourist-nights shown in Table 18.10.3 are distributed to each of the priority project sties by means of the percentage distribution figures for each site that have been developed on the basis of number of visitors to museum, tourist-nights distribution shown in the tour guide records, and the interview survey result conducted under this study.

The following is the percentages applied for the distribution of benefit:

- Damascus 30 %
- Hama 20 %
- Tartous 15%
- Latakia 15%
- Aleppo 20 %

(4) Economic Evaluation of the Priority Projects

With the benefit distributed and the project cost described above, each priority project was evaluated in terms of Economic Internal Rate of Return (EIRR).

The results are summarized in Table 18.10.4. In terms of EIRR, all priority projects show satisfactory values. The details of the economic analysis are shown in Table 18.10.5.

The package of 6 priority projects, as a whole, is feasible in terms of economic feasibility. The EIRR as a total was calculated at 22.62 percent, which is to justify the package of 6 priority projects.

Table 18.10.4 Summary of Economic Evaluation

<u> </u>	The Great Damascus Hentage	Old Hama of Norias	Historic Tartous- Arwad	Latakia Cultural Circuit	Aleppo the Silk Road	Tourist- Friendly in Syria	Total
EIRR	32.20 %	26.23 %	15.70 %	30.97 %	34.35 %		22.62 %

	The Great Dam	ascus Heritage			Old Hama of N	orias		
Year	Initial Cost	O M Cost	Benefit	Balance	Initial Cost	O M Cost	Benefit	Balance
	(SP)	(SP)	(SP)	(SP)	(SP)	(SP)	(SP)	<u>(8P)</u>
1998			0	0			0	0
1999	37,910,585		120,494,074	82,583,489	21,070,771		80,329,383	59,258,611
2000	549,431,183	2,203,875	138,245,327	-413,389,731	433,875,553	6,289,875	92,163,552	-348,001,877
2001	140,462,318	49,950,000	151,055,020	-39,357,298	57,139,279	41,987,250	100,703,347	1,576,818
2002	12,890,702	60,511,500	165,125,034	91,722,832	11,927,995	47,596,500	110,083,356	50,558,861
2003	9,673,922	60,511,500	180,586,321	110,400,899	8,389,537	47,596,500	120,390,881	64,404,843
2004		60,511,500	197,584,145	137,072,645		47,596,500	131,722,763	84,126,263
2005		60,511,500	215,045,977	154,534,477		47,596,500	143,363,984	95,767,484
2006		60,511,500	228,477,816	167,966,316		47,5%,500	152,318,544	104,722,044
2006		60,511,500	242,861,454	182,349,954		47,596,500	161,907,636	<u> </u>
2008		60,511,500	258,272,271	197,760,771		47,596,500	172,181,514	124,585,014
2009		60,511,500	274,792,150	214,280,650		47,596,500	183,194,767	135,598,267
2010		60,511,500	292,510,064	231,998,564		47,596,500	195,006,709	147,410,209
2011		60,511,500	311,522,725	251,011,225		47,596,500	207,681,817	160,085,317
2012		60,511,500	331,935,295	271,423,795		47,596,500	221,290,197	173,693,697
2013		60,511,500	353,862,166	293,350,666		47,596,500	235,908,110	188,311,610
2014		60,511,500	377,427,801	316,916,301		47,5%,500	251,618,534	204,022,034
2015		60,511,500	402,894,951	342,383,451		47,596,500	268,596,634	221,000,134
Total	750,368,711	899,314,875	4,242,692,592	2,593,009,006	532,403,136	714,628,125	2,828,461,728	1,581,430,467

Table 18.10.5 EconomicEvaluation of Priority Projects

HRR (२)

32.20%

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26.23%

	Historic Tartou	s-Arward			Latakia Cultura	1 Circuit		
Ycar	Initial Cost	O.M.Cost	Benefit	Balance	Initial Cost	O M Cost	Benefit	Balance
	(SP)	(8P)	(SP)	(SP)	(SP)	(SP)	(SP)	(SP)
1998	·		0	0			0	0
1999	26,646,204		60,247,037	33,600,833	16,286,045		60,247,037	43,960,992
2000	469,250,085	10,102,500	69,122,664	-410,229,922	280,904,909	928,125	69,122,664	-212,710,370
2001	17,012,422	40,410,000	75,527,510	18,040,088	80,950,982	23,895,000	75,527,510	-29,318,472
2002	12,734,769	40,410,000	82,562,517	29,417,748	5,940,185	30,055,500	82,562,517	46,566,832
2003	6,944,565	40,410,000	90,293,161	42,938,595	4,492,634	30,055,500	90,293,161	55,745,027
2004		40,410,000	98,792,072	58,382,072		30,055,500	98,792,072	68,736,572
2005		40,410,000	107,522,988	67,112,988		30,055,500	107,522,988	77,467,488
2006		40,410,000	114,238,908	73,828,908		30,055,500	114,238,908	84,183,408
2006		40,410,000	121,430,727	81,020,727		30,055,500	121,430,727	91,375,227
-2008		40,410,000	129,136,136	88,726,136		30,055,500	129,136,136	99,080,636
2009		40,410,000	137,396,075	96,986,075		30,055,500	137,396,075	107,340,575
2010		40,410,000	146,255,032	105,845,032		30,055,500	146,255,032	116,199,532
2011		40,410,000	155,761,362	115,351,362		30,055,500	155,761,362	125,705,862
2012		40,410,000	165,967,648	125,557,648		30,055,500	165,967,648	135,912,148
2013		40,410,000	176,931,083	136,521,083		30,055,500	176,931,083	146,875,583
2014		40,410,000	188,713,901	148,303,901		30,055,500	188,713,901	158,658,401
2015		40,410,000	201,447,476	161,037,476		30,055,500	201,447,476	171.391,976
Total	532,653,047	616,252,500	2,121,346,296	972,440,749	388,574,755	445,600,125	2,121,346,2%	1,287,171,416

15.70%

EIRR (%)

30.97%

	Aleppo the Silk	Road			Tourist-Friendly	y Syria
Year ²	Initial Cost	O.M Cost	Benefit	Balance	Initial Cost	O M Cost
	(SP)	(S <u>P)</u>	<u>(SP)</u>	<u>(SP)</u>	<u>(SP)</u>	<u>(\$P)</u>
1998			0	0		
1999	15,951,809		80,329,383	64,377,573	26,742,922	·
2000	424,432,361	1,346,625	92,163,552	-333,615,435	307,434,922	450,000
2001	9,967,025	37,678,500	100,703,347	53,057,822	3,558,922	5,400,000
2002	9,967,025	37,678,500	110,083,356	62,437,831	3,558,922	5,400,000
2003	6,750,245	37,678,500	120,390,881	75,962,136	3,558,922	5,400,000
2004		37,678,500	131,722,763	94,044,263		5,400,000
2005		37,678,500	143,363,984	105,685,484		5,400,000
2006		37,678,500	152,318,544	114,640,044		5,400,000
2006		37,678,500	161,907,636	124,229,136		5,400,000
2008		37,678,500	172,181,514	134,503,014		5,400,000
2009		37,678,500	183,194,767	145,516,267		5,400,000
2010		37,678,500	195,006,709	157,328,209		5,400,000
2011		37,678,500	207,681,817	170,003,317		5,400,000
2012		37,678,500	221,290,197	183,611,697		5,400,000
2013		37,678,500	235,908,110	198,229,610		5,400,000
2014		37,678,500	251,618,534	213,940,034		5,400,000
2015		37,678,500	268,596,634	230,918,134		5,400,000
Fotal	467,068,466	566,524,125	2,828,461,728	1,794,869,137	344,854,611	81,450,00

Table 18.10.5 Economic Evaluation of Priority Projects (Continued)

EIRR (%)

34.35%

otal			
Initial Cost	O M Cost	Benefit	Balance
(SP)	(SP)	(SP)	<u>(SP)</u>
	0	. 0	(
144,608,337	0	401,646,913	257,038,570
2,465,329,014	21,321,000	460,817,758	-2,025,832,256
309,155,949	199,320,750	503,516,735	-4,959,96
57,019,599	221,652,000	550,416,779	271,745,18
39,809,826	221,652,000	601,954,403	340,492,57
	221,652,000	658,613,815	-436,961,81
	221,652,000	716,819,922	495,167,92
	221,652,000	761,592,721	539,940,72
	221,652,000	809,538,180	587,886,18
	221,652,000	860,907,571	639,255,57
	221,652,000	915,973,834	694,321,83
	221,652,000	975,033,546	753,381,54
	221,652,000	1,038,409,083	816,757,08
	221,652,000	1,106,450,984	884,798,98
	221,652,000	1,179,540,552	957,888,53
	221,652,000	1,258,092,672	1.036,440,67
• •	221,652,000	1,342,983,171	1,121,331,17
3,015,922,725	3.323,769,750	14,142,308,639	7,802,616,10

22.62%

19 RELATED INFRASTRUCTURE PROJECTS

19.1 Rationale

Good transportation conditions are essential for travel and tourism to grow. The following projects are indicated for the great relevance to tourism in Syria. They fall outside the scope of this study, but in some direct way address problems urgently needing solutions.

19.2 Airport Improvements

(1) Aleppo Airport Upgrading

This is Syria's second most important international facility operating with one category II capable runway. To develop into Syria's second air gateway, and especially to attract more foreign carriers to open new routes into Aleppo, this airport will need to undergo significant modernization to process increased volumes of passengers and baggage efficiently and safely. The structure for the new passenger terminal building is already completed, and the transfer of operations from the existing terminal into the new one is expected by mid 1998. However, the airfield is not new and requires replacement or modernization of some facilities in addition to the new passenger terminal building. A general upgrading package of furnishings, equipment replacement and related works is proposed. The success of this airport depends not only on this package of physical improvements but also on DGCA efforts to encourage increased service by foreign carriers and by Syrian Airlines into Aleppo through both scheduled and charter services. Foreign financing sources for this work have not been secured.

Description of potential improvements:

- furniture, fixtures and equipment for fully outfitting the new terminal building;
- passenger boarding bridges for three gates;
- X-ray scanning equipment for passengers, carry-on, checked baggage;
- limited additional taxi way and apron work;
- provision of radar system compatible with category II operating standard;
- RVR (runway visibility range) equipment; and
- replacement of aging NDB, VOR-DME navigational equipment.

Estimated Project Cost:

- Total cost for the upgrading is estimated at around SP 1.5 billion (US\$ 30 million).

(1) Damascus Airport Upgrading

Most of the basic civilian facility at this airport has been in operation since the early to mid 1970s when European equipment was installed. As Syria's main international air gateway, Damascus Airport needs to provide safe operating conditions for commercial airline operations. Flights are often forced to divert to airports in Jordan, Lebanon and Cyprus when weather conditions and visibility are poor. In addition, some of its technical systems have grown obsolete with age, and many of the public areas have aged and become unattractive, making a poor impression on arriving passengers; some of these areas require refurbishment. This package is intended to make the airport substantially safer than at present, and also to convert it into a functional and welcoming facility suitable for a growing tourist destination needing to improve its international image. Foreign financing sources for this work have not been secured.

Description of potential improvements:

- replacement of key elements of the aging radar system;
- equipment upgrade for runway 23R for category III landing conditions;
- equipment upgrade for runway 23L for category II landing conditions;
- installation of furniture, fixtures, X-ray scanning equipment, public address system, baggage distribution system in the terminal building;
- construction of two terminal finger extensions and passenger loading bridges for a total of 6 new aircraft gates;
- selected renovation work in the terminal building; and
- cargo handling equipment.

Estimated Project Cost:

- Total cost for the upgrading is estimated in the range of SP 2.3-3.0 billion (US\$ 50-60 million).

19.3 Latakia-Ariha Highway

This planned mountain link is vital to conveniently connect the cities and tourist sites within the coastal zone to the northern zone and Aleppo city. The present road is not adequate for the largest touring coaches which are forced to travel at low speed. Completion of this highway will reinforce the emerging function of Aleppo as the country's northern core for tourism; it fully supports the Master Plan's strategy of developing Aleppo as a second gateway for tourism. In the interest of improving accessibility between the Coastal and Aleppo Zones, the MOT and tourism industry need to support the timely completion of this project without major delay. They also need to verify in the detailed design if feasibility has been studied for any observation points with sufficient parking for viewing panoramas of the Mediterranean Sea and possibly Salahdin Castle. At such points some space for commercial development must be provided for restaurant and other traveler services. Because financing for the project has not yet been finalized, there remains the possibility of co-financing among two or more different foreign sources.

Description:

- 93 kilometers in length with international standard highway design;
- approximately one third of length consisting of viaducts, tunnels, bridges;
- financing expected by Kuwaiti Bank and Arab Fund for Economic Development;
- expected completion of the feasibility study by a European consultant in mid 1998; and
- expected negotiation of financing arrangements during 1998.

Estimated Project Cost:

Total cost for the project is estimated at SP 10-12 billion (US\$ 220-270 million).

20 IMPLEMENTATION OF ACTION PLAN

The economic evaluation of the six priority projects proved that the implementation of priority projects will bring considerable socio-economic benefit to Syria. However, it should be noted that the recommended Action Plan for the year 2005 consists of the short term tourism promotion initiatives, the 14 priority programs, the 6 priority projects and the 3 related infrastructure projects, and that the maximum benefit of the plan can only be achieved when all components are implemented. They are mutually complementary and should be considered as one package.

It is therefore all the more important that the Master Plan shall be authorized by the appropriate authority of Syrian government as soon as possible for all concerned to confirm that effort be made in all fronts and cooperation among those concerned be secured.

Among the 14 priority programs, the following programs need some time before becoming effective, and are needed to be started as soon as possible:

- P-1 Formal Creation of the Public and Private Joint Tourism Promotion Committee;
- P-2 Enhance media Exposure;
- P-9 Increase of Air Access;
- P-13 Further Incentives for Private Investment; and
- P-14 Creation of One-Stop Information Office in GCETP.

While other priority programs are also desirable to be implemented as early as possible, they should at least be implemented in coordination with the progress of the 6 priority projects. Figure 20.1.1 shows the overall implementation schedule of Action Plan for the year 2005.

Figure 20.1.1 Implementation Schedule of Action Plan (2005)

	1998	1999	2000				2004	2005
Short Term Promotion Initiatives				mund	шшш	munu		
Priority Programs								
P-1 Joint Promotion Committee		яннин				mum	нинн	
P-2 Media Exposure						шыши		
P-3 Promotion Materials					шнин	упнин	mbann	
P-4 Overseas Representative Offices								1
P-5 CIQ Improvement		umm		2	7)annun		÷
P-6 Foreign Currency Exchange		աստ			(AUBRO)mmm	16111111	[1111111]
P-7 Inter-Ministerial Collaboration		แทบเห						
P-8 Staff Training		ատա						
P-9 Additional International Fights					1)mann		QUIIIIIIII
P-10 Syrian Air Services		រលោព)		(uumu	үннин		
P-11 Organizational Improvement of MOT	1	រុមហេតា						1
P-12 Public Awareness Program		ļ	jumu	-		1		(numn
P-13 Incentives for Private Investment						þíffinn		
P-14 One-Stop Information Office		финиц	<u>)uuun</u>	[1111111	<u>(munu</u>	<u> </u>	munn	<u>(uunu</u>
Priority Projects		1						
1 The Great Damascus Heritage		анни		1	1	5		
2 Old hama of Norias		mm	ļ					
3 Historic Tartous-Arwad		aaaa			1			
4 Latkia Cultural Circuit		្នំអោយ			÷	Ì		
5 Aleppo the Silk Road	1	-joonnu) 					ណ៍ពាម
6 Tourist-Friendly Syria	<u> </u>	нини	1			<u>l</u>	<u> </u>	
Related Infrastructure Projects	1		ļ	ļ				1
1 Damascus Airport Improvement		าแหน				рнинн	1	ļ
2 Aleppo Airport Improvement		ុំពោយ	ហុំអាអាហ	1	ព្រះអាហ	ֆոսոս	ļ	
3 Latakia-Ariha Highway	<u> </u>	<u>[unun</u>	<u>.</u>	<u> </u>	<u> </u>		l	<u> </u>
Source: JICA Study Team		∎imple:	nentatio	n				

IIIIIIII preparation, follow up or operation

