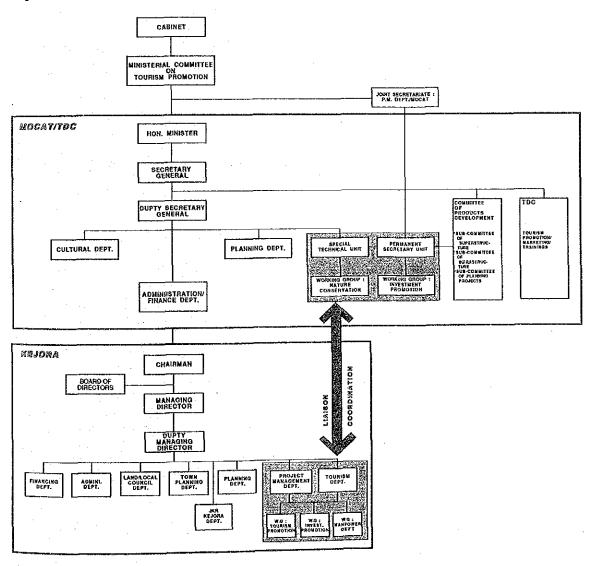
# 8.1.3 Organisation for Planning, Coordination, and Administra-

Major roles and functions of the organisation can be summarised as follows:

- To establish policy and guidelines for the development of Desaru New Tourism Core,
- To create and coordinate consensus among ministries and agencies as well as state governments,
- To prepare a financial base for the development,
- To generally administer the whole process of implementation, and
- To prepare a set of support for the development in terms of incentives , for investors, international promotion activities, and manpower development.

Fig. 8.1.2 Organisation for Planning, Coordination and Administration



### 1) Cabinet

- To deliberate and determine the policy and guideline for the development of the Desaru New Tourism Core
- To develop the budget and other supporting measures

# 2) Ministerial Committee on Tourism Promotion

- This is the highest level of decision making on tourism development in the country. It must include all ministries and agencies related to the development of the Desaru New Tourism Core.
- To discuss and approve the plans for the development
- To review and monitor the execution of the development and to make modifications, where necessary
- To approve the budget for implementing the approved plans
- To delegate MOCAT as the central execution agency of developing Desaru New Tourism Core
- To prepare a set of guidelines to ministries, state government, regional authorities, and private investors for cooperating with MOCAT, MOLARD, and the Johor State Government

### 3) Joint Secretariat

- This is an existing secretariat comprising members of the Prime Minister's Committee on Tourism Promotion
- To realise good communication among ministries to facilitate the decision making by Ministerial Committee on Tourism Promotion

### 4) MOCAT

- MOCAT is to be appointed as the central execution agency under the close collaboration with MOLARD and the Johor State Government for developing Desaru New Tourism Core. It is proposed to organise a secretariat unit on a permanent basis for supporting the activities by Joint Secretariat of Ministerial Committee on Tourism Promotion as well as for secretariat of other committees
- To establish consensus and coordinate activities among ministries, agencies and state governments on operational level
- To prepare policies and guidelines for planning and developing Desaru New Tourism Core for the sake of decision making by Ministerial Committee on Tourism Promotion
- To implement the policies and guidelines approved by Ministerial Committee on Tourism Promotion
- To nominate implementation authority for developing Desaru New Tourism Core

- To define the scope and extent of project and programme packages
- To adjust the implementation schedule of project and programme packages in view of their progress
- To allocate and disburse the budget to project and programme packages in consultation with related ministries, agencies and state governments
- To administer and appraise the implementation, and make necessary adjustment, where necessary
- It is proposed to organise a permanent secretariat unit including TDC under Secretary General for the purpose of supplementing the activities of Joint Secretariat
- It is also proposed to organise a special technical unit under Deputy Secretary General to involve MOLARD and Johor State for providing such technical consultation and appraisal as product planning, marketing and infrastructure development

### 5) KEJORA

- KEJORA is proposed to be the Implementation Authority of the development of Desaru New Tourism Core in close coordination with ministries and state governments
- To establish a set of detailed guidelines and control measures for the development activities by the third party including private sector so as to maintain the environment and create superb resort area
- To demarcate public and private participation in the development and expedite the collaboration with private sector
- To coordinate with the related agencies of the development of basic as well as tourism infrastructures in view of budgetary expenditure by public sector and required technical standard
- To undertake project management of the construction works on behalf of the related agencies, if necessary
- To take part in promotional activities to lure international tourists as well as foreign investors to Desaru New Tourism Core with full cooperation with MOCAT and TDC
- To prepare training programme of manpower as well as hospitality awareness of the local people
- It will be necessary to introduce some change in the organisation of KEJORA by giving more emphasis on tourism development; introduction of new board members, acceptance of stationed officials from MOCAT, establishment of specific working group, and introduction of training programme for its employees.

### 8.1.4 Organisation for Implementation

Most of the area for Desaru New Tourism Core is planned and developed, among other agencies, by KEJORA under Ministry of Land and Regional Development. As stated earlier, this is the most suitable area for tourism development, particularly for international tourist market. Accessibility to Singapore, rich endowment of tourism resources, cumulation of basic infrastructures and availability of a vast plot of land are some of the major supporting reasons.

It is proposed that this valuable land be wholly planned and controlled by KEJORA for the purpose of developing a self-contained resort complex of international standard. It is required, as a consequence, that KEJORA is the implementation authority for the development, directly responsible for realizing the resort complex. KEJORA is required to develop a master scheme for the development and invite private investors.

Fig. 8.1.3 illustrates a proposed organisation for implementing the projects in Desaru New Tourism Core. The basic concept is that some part of KEJORA territory is leased to the third party who is willing to participate in the master scheme.

KEJORA participates in the development of basic infrastructures and in the joint venture as an authority of public sector. It takes a role in tourism administration to control and encourage the development as well as the operation by private sector.

A joint venture between public sector and private investors is proposed to be established. Main scope of the organisation is to develop the tourism facilities other than those in Accommodation Area with the cooperation of private sector, to maintain landscaping and parks, and to operate circulating transportation services.

The private sector is to be involved in construction and operation of accommodation facilities and other commercial facilities like shops, restaurants, and entertainment facilities.

1. Invocament on commercial/publicly oriented tacificate having commercial interests
1. Invocament on commercial/publicly oriented tacification fluorement of private investments
3. Matinements and operation of busins infrastructure and other components provided by KEJORA
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4. Adventement of Casuru as Reach or Destination in International Invitism market in cooperation with KEJORA/TDC.
5. Operation and matinearines of their own properties.
6. Operation of supplemental items having commercial interests within the area. 2. For (B) : . Construction of hotels and other products with their associated facilities within their own property boundarios
- Management, operation and maintenance of their properties 2. As Development Authority (in cooperation with MOCAT, JACK, MOT, MOETE & STATE)
2. Provision to least in infanctucture
2.2 Provision of businen infrastructure
2.3. Provision of landscape elements and components in public & commercial space & area
2.3. Provision of landscape elements and components in public & commercial space & area For (A): - Interior, store front works, provision of F.F.&E.
 - Operation of their relevances INVOLVEMENT Hotellers / Other Products (peratoes (B) Fig. 8.1.3 Organisation for Implementation TOURISTS LANDIDEVT MANAGEMENT CONTRACT Tenants(Private) Commercial Facilities Owned by J.V. (A) LAND DEVELOPMENT / THEMSON / **ҮТІЯОНТ**ИА иоттаязчо

## 8.2 Manpower Development

## 8.2.1 Manpower Requirement

The development of Desaru New Tourism Core requires about 5,700 employees in 1995. Table 8.2.1 shows the estimated manpower requirement by major destination areas. The biggest job opportunity is created by Accommodation Area, accounting for about 63% of the total opportunities.

Table 8.2.1 Manpower Requirement

Major Destination	Persons	%
Accommodation Area	3,550	62.5
Amenity Core	720	12.7
Amenity Sub-Core	260	4.6
Tg. Belungkor Gate Area	760	13.4
Others	390	6.9
Total	5,680	100.0

Source: JICA Study Team

Most of the manpower requirement is related to service trade in which hospitality and efficiency are the most important factor. In this section, employment by hotel business is highlighted for clarifying the quality of manpower requirement.

Manpower requirement by level of skill in Malaysia was revealed by the study performed by WTO/TDC as shown in Table 8.2.2. According to the study, skilled labour has the biggest share of requirement, accounting for about 56%, followed by semi-skilled labour of 14%. The total of these two type of labour accounts for about 70%. In real terms, it amounts to 2,500 persons.

Table 8.2.2 Manpower Requirement by Level of Skill in Hotel Business

Level of Skill	Share (%)	Persons
Managerial Level	5.6	200
Supervisory Level	12.7	450
Skilled Labour	55.8	1,980
Semi-Skilled Labour	14.4	510
Unskilled Labour	11.5	410
Total	100.0	3,550

Source: "Share" by WTO / TDC Study
"Persons" by JICA Study Team

The data regarding the manpower requirement by level of skill in other service trade are not available in Malaysia. If the percentage share of skilled and semi-skilled labour in hotel business is applied to the other service trade, the total number of skilled and semi-skilled labour amounts to slightly less than 4,000 persons.

In view of the prevailing agriculture in the region, it is considered most important to establish a training institute for the skilled and semi-skilled labours though, of course, private investors will prepare their in-house programme for training their employees. As for the managerial and supervisory manpowers, it is expected that most of the private investors will prepare by themselves including foreign expatriates because successful business depends largely on the availability of this type of manpower.

# 8.2.2 Institute for Manpower Training

Manpower training, in principle, should be taken care of by private investors. In view of the job opportunities expected by younger age groups in the region, however, it will be necessary to establish a training course or programme in the region to facilitate the younger age groups to work for the tourism sector, instead of solely dependent on agriculture.

At present, most of the manpower training facilities for tourism are concentrated in Kuala Lumpur, even for the skilled and semi-skilled labourers. In view of a large number of manpower requirement, particularly of skilled and semi-skilled labour, it is proposed to locate a training institute under ITM in the area with an emphasis on skilled and semi-skilled labour for the hotel business.

The training programme by public sector must focus on the orientation to hotel business for the possible trainees from the region who are traditionally farmers. The programme is also required to take account of the succeeding training programmes provided by private hoteliers. The main subjects covered by public sector should involve orientation to tourism, importance of quality service, introduction to office automation, and so on. After completion of the programme, trainees are required to be prepared for accepting the training programmes provided by individual hoteliers. They are usually composed of two types of training: attitude training to build employee morale, confidence, and loyalty to a given resort, and task training to improve existing skills, aptitudes, and capabilities.

In the longer perspective, it will become possible that the training institute caters for more diversified and advanced training curriculums. It is proposed, at the beginning, that the institute provides newcomers to tourism industry with basic orientation courses. KEJORA is a candidate for catering the manpower development in Desaru New Tourism Core. Full support is invited from National Committee on Manpower Training, ITM and NPC.

### 8.2.3 Hospitality

Impressions of tourists are largely formed by personal contacts that they experience during their journey.

In Desaru New Tourism Core, international tourists have a first contact with Malaysian people mainly at Tg. Belungkor Gate Area with immigration and customs officers, workers for transportation services, shop keepers, and so on. These employees should be fully aware of the importance of hospitality and that their behaviour must conform to expected standards.

Local residents also have chances to contact international tourists, and their warm welcome would be a crucial element of tourism in Malaysia.

Hospitality is a kind of common sense, and, in this respect, school education can have a contribution. For the adult, however, it is required that the training institute include the education in its programme with the support of federal as well as local governments. Occasional education through audio visual materials will be effective for this purpose.

# 8.3 Public and Private Sector Cooperation

#### 8.3.1 Privatisation

Cooperation of both the public and private sectors is essentials for the successful realisation of Desaru New Tourism Core which is a complex of every element involving from basic infrastructure to commercial facilities and entertainment.

The public sector is expected to play a central role in developing basic infrastructure, while private sector is expected to play a central role in commercial facilities such as hotels, restaurants, and shops. There are a variety of intermediaries which cannot be easily demarcated into public or private responsibilities. They are, for instance, circulating transportation service, roadside landscaping, parks and gardens, and outdoor sport facilities all of which are indispensable to create a good environment for tourists..

In Desaru New Tourism Core, three type of organisations are introduced as explained in Section 8.1. KEJORA is an implementation authority of public nature, and hoteliers as well as other commercial facility operators are examples of private nature. It was proposed to establish a joint venture (JV) of public and private participation which is responsible to develop and operate the remaining facilities.

The privatisation scheme is materialised in the form of the JV. The main purpose of the JV is to pursue the efficiency of the development and management through eliminating such defects of public sector as inefficiency, inelasticity and low return on investment and promoting such advantages of private sector as efficiency, elasticity, creativity, and quick adaptability to trend.

In view of tourism development, it is required to place more emphasis on software development for the purpose of providing information about available amenities. This means that creative ideas based on market information should be well integrated into the resort development for the satisfaction of visitors and that quality services of high value added should be provided to visitors for attaining higher returns from the investment. It is required, in the context, that the JV should be organised to activate the creativeness of private sector. Foreign investors in Desaru New Tourism Core are invited to take part in the JV.

### 8.3.2 Financial Incentives in Tourism Development

One of the major hurdles that all tourism projects face before they are realised is that of securing the financing needed for their development. Many tourism

projects have not been developed because their developers have been unable to attract the right amount or types of financing even though they have been proven economically feasible. The number of government agencies providing specific financial incentives for tourism projects has increased rapidly in recent years on a worldwide basis.

Government financial incentives for tourism projects can be classified into two categories. Fiscal incentives are special allowances for income tax or other tax purposes. Direct and indirect incentives constitute the second main category, and include a wide variety of programmes aimed at easing the financial requirements of projects. The basic objective of most of these incentive programmes is to help businesses carry out tourism development projects that, without assistance, may have been completely abandoned or seriously delayed.

"Fiscal Incentives" adopted by the Government of Malaysia are tax holidays or deferrals, tax reductions and remission of tariffs as explained in Section 2.6.2. These incentives, however, have been tailored only for specific tourism facilities such as hotels and parks.

The development of Desaru New Tourism Core is considerably different from those in the past in that it covers a large plot of land, that it contains various public services and facilities, and that it requires a large number of participants including foreign investors. It requires a new framework of fiscal incentives. In view of the large amount of initial investment, the incentive period of five years for Pioneer Status and Investment Tax Allowance is required to be extended to seven years at the shortest, and ten years preferably.

Examples of "Direct and Indirect Incentives" can be enumerated as follows:

- Nonrefundable grants,
- Low-interest loans,
- Interest rebates,
- Forgivable loans,
- Loan guarantees,
- Working capital loans,
- Equity participation,
- Training grants,
- Infrastructure assistance,
- Leasebacks, and
- Land donations.

Among the above incentives, infrastructure assistance is the most important support by public sector for the development of Desaru New Tourism Core. It is expected to be undertaken by the implementation authority with relevant support by federal as well as state government.

Low-interest loans coupled with loan guarantees is another important incentive for the development. This is particularly important for domestic and foreign ventures. The portion to be burdened by domestic company will amount to a considerable amount owing to the large amount of investment cost and the regulated share of domestic and foreign portions. In order to facilitate investment on domestic portion, low-interest loans coupled with loan guarantee becomes more and more important.

It might be an alternative to change the present regulations on the domestic and foreign portion. If domestic portion is decreased to a great extent in Desaru New Tourism Core, the problem of domestic financing will be relieved.

Equity participation and a kind of leasebacks are required to be introduced in Desaru New Tourism Core. PERNAS and SEDC are expected to participate in the equity of the JV. KEJORA is expected to lease its land to the JV and the JV is expected to lease a part of land and/or facilities further to private investors.

#### 8.4 Tourist Promotion to Desaru

### 8.4.1 Tourist Promotion Policy

Policies for promoting international tourists to visit Desaru New Tourism Core can be summarised as follows;

- 1) To designate Desaru as a strategic tourist destination of the country. It is required to enhance the total attractiveness of Desaru through the concentration of the resources available in the country.
- 2) To establish a target of tourist promotion. The target is required to enable every effort to be synthesized for achieving the target.
- 3) To allocate budget for promotion. It is critical that the yearly budget adequately reflect the target and specifications of tourist promotion. Promotion budget is usually more than 2% of sales and commenced one year before facility opening.
- 4) To identify the target segment of market countries and determine the promotion policy. The market should focus on Japan, Australia, U.K., U.S.A., and Singapore including foreign residents in Singapore.
- 5) To carry into effect the promotional activities under the well programmed promotion scheme.
  - To establish a promotion concept of Desaru
  - To perform a well coordinated promotion mix so as to raise the awareness of Desaru in international tourist market
  - To provide potential tourists with attractive information
  - To provide tourists to Desaru with more detailed information
  - To enhance the satisfaction of visitors to Desaru
  - To establish a tourist promotion board under the Implementation Authority of KEJORA with close cooperation with TDC

### 8.4.2 Target Market

Target markets of Desaru New Tourism Core are classified into three major groups as shown below based on the tourist arrivals to Singapore and results of both interview survey at Desaru and future estimation.

Primary Market: Japan, Singapore

Secondary Market: Australia, U.K., U.S.A., Foreign Residents

in Singapore

Tertiary Market : Hong Kong, Taiwan

(showing rapid increase in recent years)

# Primary Market: Japanese

In terms of age group, women in their twenties are the most prospective market, followed by women in their forties, and silver age groups over sixty years old. Women in their twenties and forties belong to group package tourists, and silver age group belongs to a pair travellers. Their activities in destination are sightseeing, shopping, beach and marine sports, and rest. Popular seasons of their travelling abroad are March - May, summer holiday season, October, and at the end and beginning of new year season.

# Primary Market: Singaporean

The main target of this market is men and women in their twenties and thirties. These young groups are active in sightseeing, recreation activities, and participating in training course and/or meetings. Their major activities in destination are eating, swimming in the pool, and sports. July and August are the most popular season for travelling abroad.

### Secondary Market

Main target segment in this group is people in their forties, followed by thirties. Most of them are individual travellers, couples, or families. Major activities in destination are rest, swimming, enjoying cultural contacts, and sometimes adventure. Summer holiday season is the peak season for them to visit Asia.

Foreign residents of their thirties are the main target segment in Singapore. Most of them travel with family. Major activities in destination are rest and sports. Summer holiday season is the high season for them to visit Malaysia.

### 8.4.3 Creation of Image

Desaru New Tourism Core is surrounded by various competitive resorts in Pacific Asia region. They are those of Hawaii, Guam and Saipan, Fiji and Tahiti, and neighbouring ASEAN. It is required to introduce some distinction with those competing resort in its image creation.

The distinction with the former three destinations can be established, for instance, by taking account of the following factors:

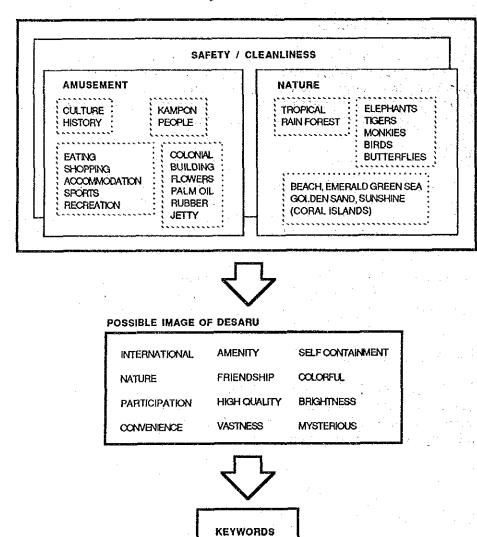
- beach resort combined with culture, history and urban amenity
- beach resort with various tourism resources in a vast hinterland
- beach resort with long shorelines coupled with tropical rain forest and wildlife
- beach resort with a variety of recreation and entertainment facilities

The distinction with those in ASEAN countries can be established by taking account of the following factors;

- beach resort with high quality self-containment
- beach resort with beautiful offshore islands and virgin jungles
- beach resort with colonial architecture and plantations

Point of sales of Desaru New Tourism Core can be outlined as illustrated in Fig. 8.4.1 based on the above discussions. It is suggested that key words should be established on the basis of these points for attracting the attention of potential consumers.

Fig. 8.4.1 Creation of Promotional Image for Desaru New Tourism Core



# APPENDICIES

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# Appendix-A

# Future Tourist Arrivals

# A.1. Present Tourist Distribution Pattern

The Present Tourist Distribution Pattern is estimated based upon the Interview Survey performed by the Study Team and TDC Hotel Survey Report.

# Interview Survey

- Place of interview	:	Desaru and	Tioman Island	
- Duration of survey	:	[16 - 30 Ap	24, April 1988) ril, 1988 for Japanese nd (17 - 24 April, 19	
- Number of respondents	;	Desaru	Malaysian	41
			Singaporean	79
			Japanese	101
		•	Other foreigner	78
			Total	299
		Tioman Is.	Malaysian	34
	÷		Singaporean	21
			Japanese	6
			Other foreigner	176
			Total	237

In accordance with the Survey results and the TDC Report, the present tourist distribution pattern in 1987 is estimated.

Table A.1.1 Estimation of the Number of Visitors to the South East Coast by Area

AREA	NOW	NUMBER OF ROOMS		NUMBER	BEDS COCLP.	NUMBER		NUMBER OF STAYING GUESTS	STAYINGG	UESTS	1	LENGTH OF STAY	STAY		4	NUMBER OF VISTORS	FVISTOR	rħ.	
	ЮТЕ	유	LONGHOUSE	BEDS	PATE	-NIGHTS	Malaysia	Spore	Japan	Others	Others Malaysia	S.bore	Jepan	Otherst	Others Malaysia	Spore	Japan	Others	TOTAL
TOMAN	7.4	135	168	1384	7.5	120543	31756	30709	1570	56507	3.2	හ හ	2.0	5.5	9920	10970	290	10270	31950
Tioman Island Resort	7.4	4 N		138	09	52343		13609	1570	22507	8	S. 89.	2.0	5.5	4580	4860	790	4090	14320
Other Toman Islands		06	168	1246	45	68200	17100	17100	(%0)	34000	6. S.	8.		ry.	5340	6110		6180	17630
Sibu and Other Island		123	79	878	20	64100	16000 (25%)	16000	(%0)	32100 (50%)	3.2	8.8		5. S.	2000	5710		5840	16550
MERSING	193	0	0	386	8	53000	36200	8400	400	8000	1.6	2.0	4.	2.4	22620	4200	290	3340	30450
Merlin Resort Hotel	3.4			89	50	12400	3700	3100	(3%)	5200	9.	0.0	4.	9	2310	1550	290	2170	6320
Other	159			318	ဗ	40600	32500	5300	(%0)	2800	-	0. 0.	-	4	20310	2650		1170	24130
Rompin	12			24	15	1300	990	90 (2%)	(%0)	220	5.	4:		1.7	099	ဝိဖ		130	850
Desaru	304			678	20	111672	17599	48028	23081	22904	4	2.1	4.1	4	12570	22870	16490	9540	61470
Kota Tinggi	69	15		183	4	30100	24100	3900 (13%)	(%0)	2100	1.5	4.		7.	16070	2790		1240	20100
SOUTH EAST COAST	652	273	247	3533	290	380	715 126645	107127 (28%)	25051	121831 (32%)	6.7	ς. Ο	4	4 0.	66840	46600	17570	30360	161370

Fig. A.1.1 Present Distribution Pattern (Singaporean)

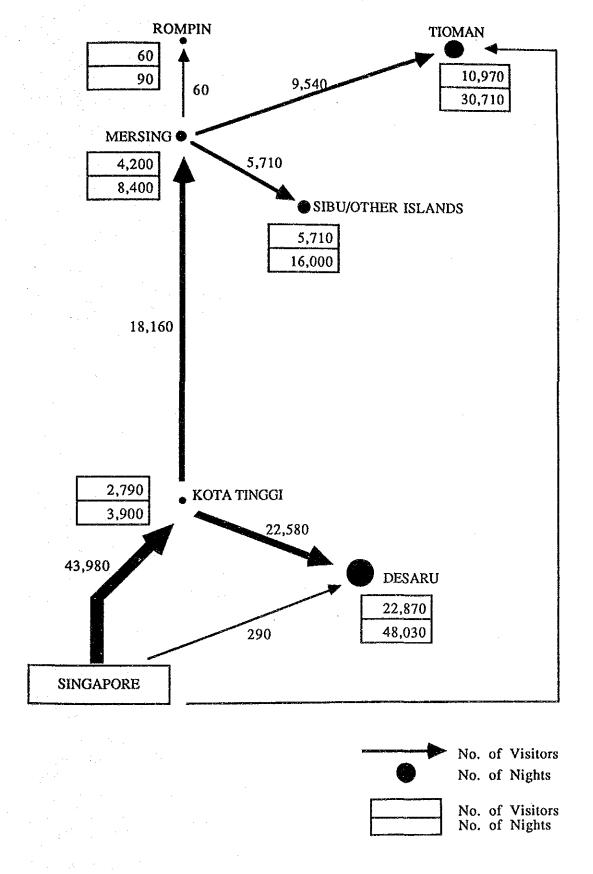


Fig. A.1.2 Present Distribution Pattern (Japanese)

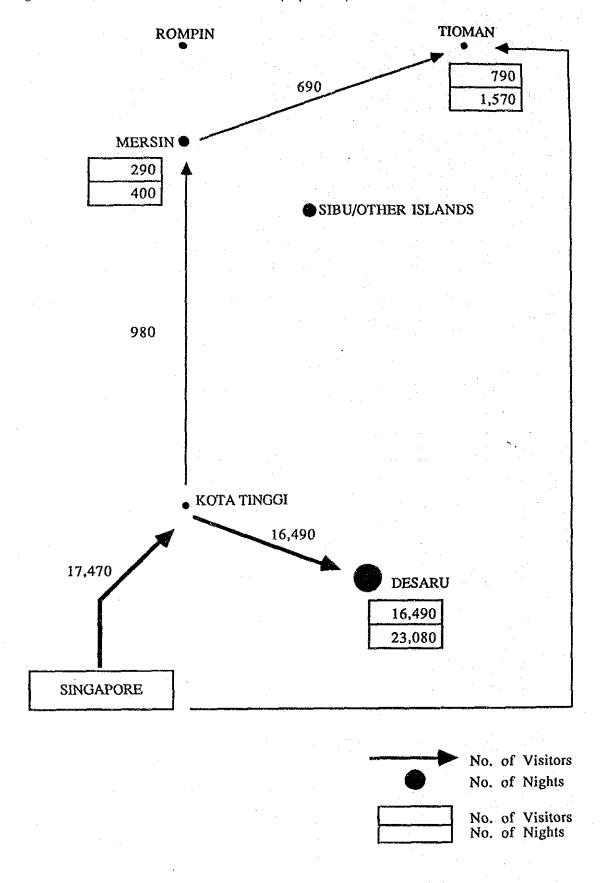
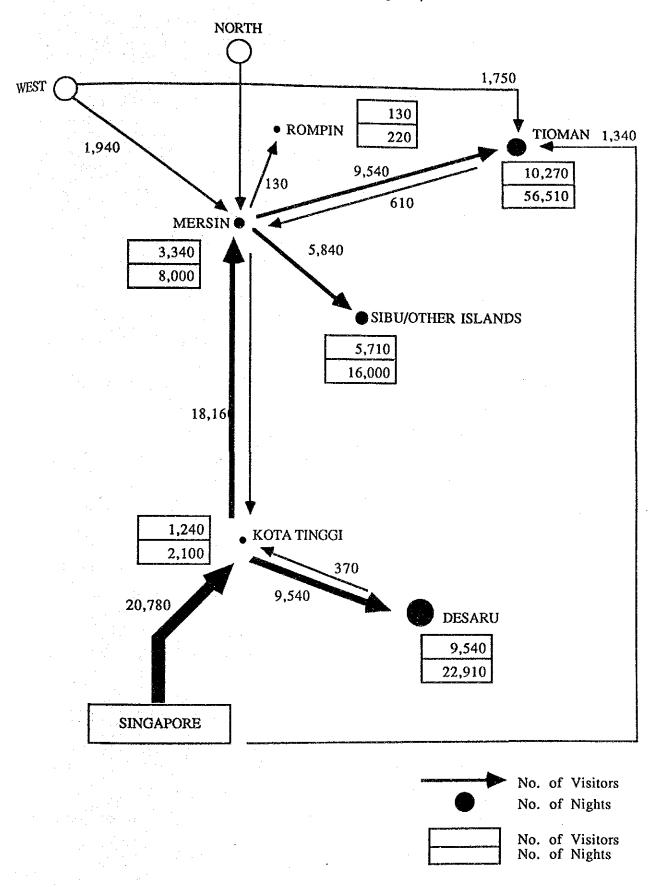


Fig. A.1.3 Present Distribution Pattern (Other Foreigners)



# A.2 Future Tourist Distribution Pattern

The Future Tourist Demand is estimated in accordance with the forecast future tourists to Singapore and the share of tourist who come to the southeast area through Singapore. This is combined with the determination of the assumed share of tourist origins other than Singapore.

The number of tourists coming into the region via Singapore is shown in following pages.

The future tourist distribution pattern is estimated by assumed tour courses such as Desaru/JB, Desaru Tioman. Direct Sibu, etc. Desaru Tioman, for example, means tourist stay overnight in Desaru and moves on to Tioman for another overnight stay. The share of each assumed tour and Present Distribution pattern are also shown in following pages.

# A.2.1 Tourist Demand in Future through Singapore

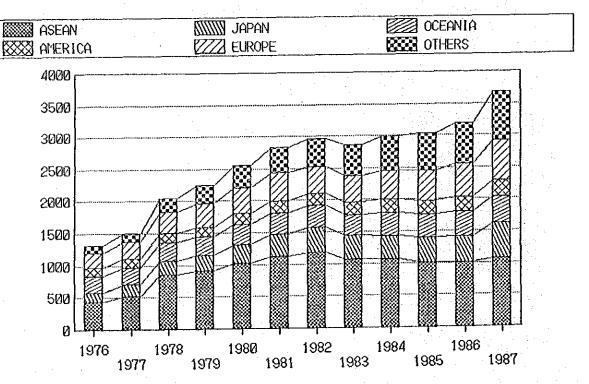
# (1) Forecast Number of Visitor Arrivals to Singapore

In accordance with the number of visitors arrivals to Singapore by origin countries in the past, formulas to estimate the international tourist coming into Singapore are formulated.

Based on these formulas future visitor arrivals to Singapore by Origin countries are estimated

Fig. A.2.1 shows visitor arrivals to Singapore in the past.

Fig. A.2.1 Number of Visitors Arrivals to Singapore



The following are forecast formula of international tourist demand to Singapore in future. Fig. A.2.2 and Fig. A.2.3 show the number of visitors arrivals to Singapore.

1) ASEAN :  $Y = 272.9 \times \ln T + 487.4$ 

 $R^2 = 0.8826$ 

2) JAPAN : in. Y = 0.100T + 5.06

 $R^2 = 0.9407$ 

3) OCEANIA :  $\ln Y = 0.044T + 5.49$ 

 $R^2 = 0.9752$ 

4) AMERICA :  $\ln Y = 0.056T + 4.86$ 

 $R^2 = 0.9855$ 

5) EUROPE :  $\ln Y = 0.072T + 5.52$ 

 $R^2 = 0.9293$ 

6) OTHERS : Y = 55.1T + 51.1

 $R^2 = 0.9336$ 

T: 1 (=1976) - 12 (=1987) N = 12

Fig. A.2.2 Forecast Number of Visitors Arrivals to Singapore (1)

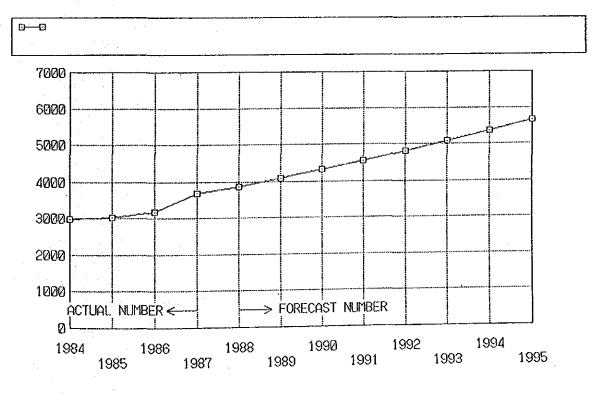
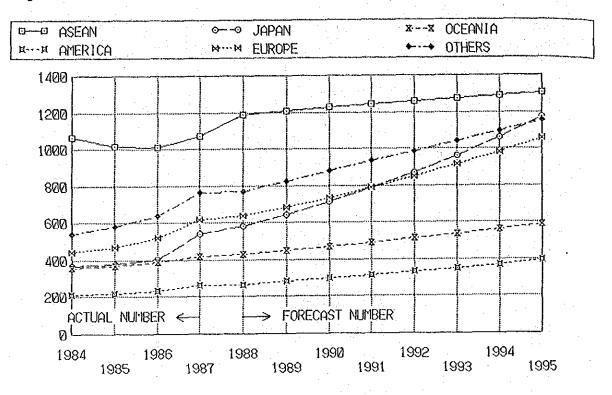


Fig. A.2.3 Forecast Number of Visitors Arrivals to Singapore (2)



# (2) Demand Forecast of South East Coast by Origin

# 1) Singaporean

[Model Formula]

Model formula was constructed by regression analysis as follows:

$$Y_5 = 0.259X_8 + 0.079$$

Y5: Number of Singaporean visitors to south east coast/Number of Singaporean visitors to Peninsula Malaysia

 $X_8$ : Recreation resource  $(X_4)$ /Travel time  $(X_1)$ 

 $R^2 = 0.994907$ 

Table A.2.1 Input Data and the Result of Calculation (1)

	. <u> </u>	1987					1995		
	Actual Share	Inpu	it Data	Esti	Input	Data	Esti-	Normal	
	(Y <sub>5</sub> )	Х <sub>1</sub>	X <sub>4</sub>	mation (YH)	X <sub>1</sub>	X <sub>4</sub>	mation (YH)	ize (YH)	cast Share
Tioman	0.489	6.6	10.0	0.471	4.2	10.0	0.695	0.682	
	0.682								
Sibu Other Is	0.255	7.1	6.2	0.305	6.0	6.2	0.346	0,339	
	0.339								
Mersing	0.187	3.6	1.8	0.208	2.5	1.8	0.265	0.260	
Y .	0.260								
Desaru	1.020	2.3	8.3	1.013	1.2	12.0	2.667	2.612	
	2.612			•					
Kota Tinggi	0.124	1.5	0.0	0.079	1.0	0.0	0.079	0.077	
	0.124								
Visitors to Malaysia	100.0		-	100.0	-	-	102.0	100.0	100.0
Visitors to South East Coast	2.075	-	-	2.076	-	-	•	-	4.017

# 2) Japanese

[Model Formula]

Model formula was constructed by regression analysis as follows:

 $Y_6 = 2.049X_{15} - 0.195$ 

Y6: Number of Japanese visitors to south east coast/Number of Japanese visitors to Peninsula Malaysia

X<sub>15</sub>: Recreation resource (X<sub>4</sub>)/Square of Travel time (X<sub>1-2</sub>)

 $R^2 = 0.995821$ 

Table A.2.2 Input Data and the Result of Calculation (2)

		1987					1995		
	Actual	Inpi	it Data	Esti-	Input	Data	Esti- mation	Normal ize	
	Share (Y <sub>5</sub> )	X <sub>1</sub>	X <sub>4</sub>	mation (YH)	X <sub>1</sub>	X <sub>4</sub>	(YH)	(ŸĤ)	cast Share
Tioman	0.146	6.6	10.0	0.275	4.2	10.0	0.966	0.840	
	0.840								
Sibu Other Is	0.000	7.1	6.2	0.057	6.0	6.2	0.158	0.137	
	0.137								·
Mersing	0.054	3.6	1.8	0.090	2.5	1.8	0.395	0.343	
	0.343						•		
Desaru	3.046	2.3	8.3	3.019	1.2	12.0	16.878	14.682	
	14.682			•		:			
Kota Tinggi	0.000	1.5	0.0	-0.195	1.0	0.0	-0.195	-0.170	
	0.000								
Visitors to Singapore	100.0	-	÷	100.0	-	· •	115.0	100.0	100.0
Visitors to South East Coast	3.246		-	•	3.24	6 -	<b>-</b> 1. ,		16.002

# 3) Other Foreigners

[Model Formula]

Model formula was constructed by regression analysis as follows:

 $Y_7 = 0.044X_4 + 0.063$ 

Y6: Number of other foreign visitors to south east coast/Number of other foreign visitors to Peninsula Malaysia

X<sub>4</sub>: Recreation resource

 $R^2 = 0.995821$ 

Table A.2.3 Input Data and the Result of Calculation (3)

	e e e e e e e e e e e e e e e e e e e	1987					1995		
	Actual Share (Y <sub>5</sub> )	Input Data		Esti-	Input Data		Esti- mation	Normal-	Fore-
		X <sub>1</sub>	X <sub>4</sub>	mation (YH)	Xi	X <sub>4</sub>	(YH)	izө (ҮН)	Share
Tioman	0.498	6.6	10.0	0.500	4.2	10.0	0.500	0.499	
	0.499								
Sibu Other Is	0.283	7.1	6.2	0.334	6.0	6.2	0.334	0.333	
-	0.333		·						
Mersing	0.162	3.6	1.8	0.142	2.5	1.8	0.142	0.142	
	0.142		•						
Desaru	0.462	2.3	8.3	0.426	1.2	12.0	0.587	0.586	
	0.586								
Kota Tinggi	0.060	1.5	0.0	0.063	1.0	0.0	0.063	0.063	
	0.063								
Visitors to Singapore	100.0	-	-	100.0	-	-	100.2	100.0	100.0
Visitors to South East Coast	1.465	-	-	1.465	-	•	-	-	1.623

# A.2.2 Future Tourist Distribution

# (1) Distribution Share by Tour Course

Table A.2.4 Tourist Distribution by Tour Course

		O CO	•	
TOUR TYPE		Origin of Tou		X
Code	Name of Tour	(Distribution Share		No. Touris
No.		Tour within Origin of		
K-1	Kota Tinggi	Malaysian	0.2	15000
		Singaporean	0.05	6500
D-1	Desaru JB	Malaysian	0.29	21375
		Singaporean	0.2	26000
		Japanese	0.34	64600
		Other Foreigner	0.17	9350
D-2	Ferry Desaru	Singaporean	0.45	58500
		Japanese	0.61	116280
		Other Foreigner	0.43	23650
D-3	Desaru/Sibu	Singaporean	0.01	1300
		Japanese	0.01	1900
		Other Foreigner	0.02	1100
D-4	Desaru/Tioman	singaporean	0.01	1300
		Japanese	0.02	2850
		Other Foreigner	0.02	1100
D-5	Desaru/optional Endau	Japanese	0.01	950
		Other Foreigner	0.01	275
T-1	Direct Tioman by land	Malaysian	0.08	6000
		Singaporean	0.12	15730
		Japanese	0.01	1900
		Other Foreigner	0.16	8525
T-2	Direct Tioman by air	Singaporean	0.01	1820
	from Singapore	Japanese	- 0	570
•	Jan Barrell	Other Foreigner	0.03	1650
T-3	Direct Tioman by air	Malaysian	0.05	3750
	from KL	Other Foreigner	0.04	2200
T-4	Tioman/Mersing	Malaysian	0.02	1500
• '	110mun, moising	Singaporean	0.01	1300
		Japanese	0.01	950
	•	Other Foreigner	0.03	1650
S-1	Direct Sibu	Malaysian	0.05	3750
U-1	Direct Sion	singaporean	0.07	9100
		Other Foreigner	0.08	4400
S-2	Sibu/Mersing	Malaysian	0.01	750
3-4	210th/Mc12111R		0.01	1300
		Singaporean	0.01	825
16.1	Manalaga	Other Foreigner		22500
M-1	Mersing	Malaysian	0.3	
1		Singaporean	0.05	6500
M-2	Mersing/optional Endau	Malaysian	0.01	375
		Singaporean	0.01	650
		Other Foreigner	0.01	275

Fig. A.2.4 Future Distribution Pattern (Singaporean)

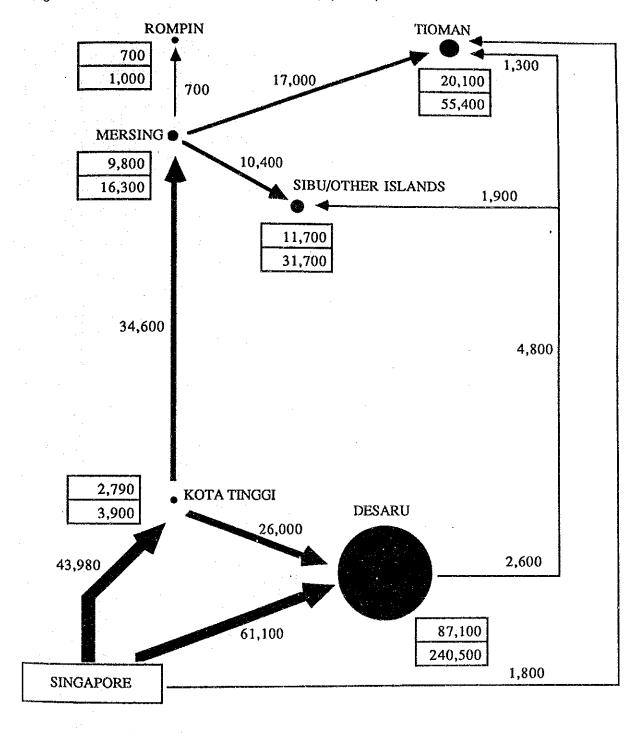


Fig. A.2.5 Future Distribution Pattern (Japanese)

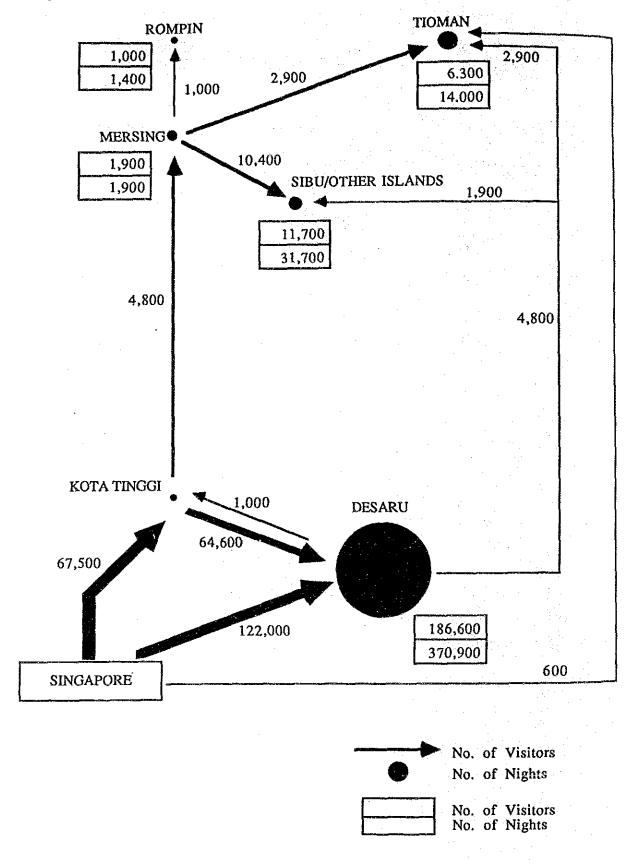
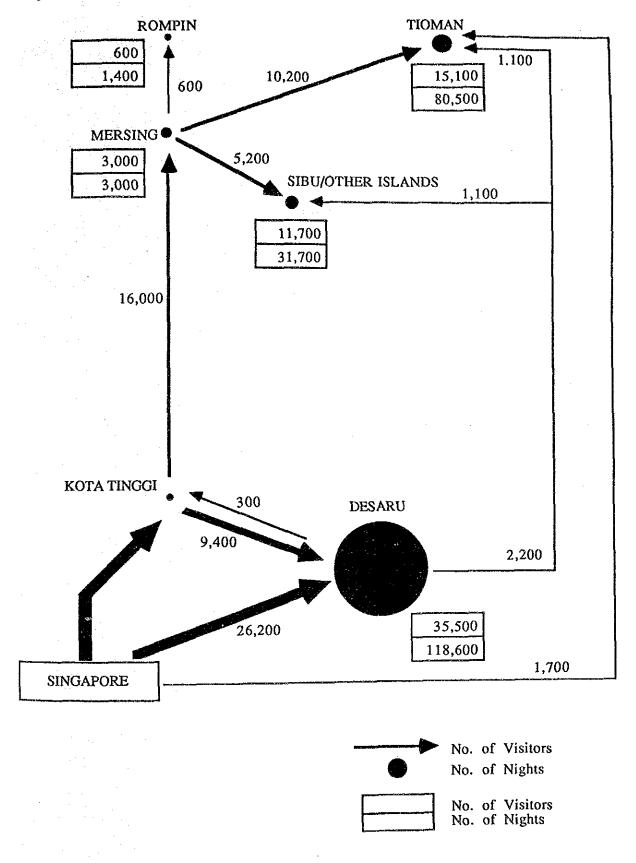


Fig. A.2.6 Future Distribution Pattern (Other Foreigners)



### Appendix-B

# Distribution of Accommodation Facilities

# B.1 Tourist and Hotel Guest Nights Distribution

Table B.1.1 shows average length of stay at each destination.

Determination of the duration of stay is based on the present average length of stay and development policy of the area.

Number of guests nights at destinations are calculated in accordance with above average length of stay and forecast number of tourists described in Appendix A.

Table B.1.2 shows the estimated number of guest nights.

### B.2 Hotel Room Distribution

The estimate of the number of hotel rooms required in the future is based on the estimated number of guest nights and target occupancy rate. Required number of hotel rooms in 1995 are estimated by class.

Following are the target occupancy rates.

Area	Target Occupancy Rate	<b>;</b>
Desaru	0.5	
Kota Tinggi	0.5	
Mersing	0.4	
Sibu and other Islands	0.35	
Tioman Island	0.35	
Endau/Rompin	0.35	

Table B.1.1 Average Length of Stay at Each Destination

TOUR TYPE		UR TYPE Origin of Tourist			Overnight Areas Average Length of Stay in 1995					
Code	Name of Tour	•	DESARU	K.T.	MERSING	SIBU/O	TIOMAN ENDAU			
No. K-1	Kota Tinggi	Malaysian Singaporean		2 1						
D-1	Desaru JB	Malaysian	2							
1,-1	Desaite 35	Singaporean	2.8							
		Japanese	2				and the second			
	•	Other Foreigner	3.4							
D-2 Ferry Desaru	Ferry Desaru	Singaporean	2.8							
	2011, 2011	Japanese	2							
	·	Other Foreigner	3,4			<u></u>				
D-3	Desaru/Sibu	Singaporean	1.5			2				
		Japanese	1.5		-	2	The second secon			
		Other Foreigner	2.5			2.5				
D-4	Desaru/Tioman	singaporean	1.5		* *		2			
		Japanese	1.5				2.5			
-	<u> </u>	Other Foreigner	2.5			····	3			
D-5	Desaru/optional Endau	Japanese	2		. 1		1.5			
	-	Other Foreigner	2.5		<u> </u>		2.5			
T-1	Direct Tioman by land	Malaysian					3.2			
		Singaporean					2.8			
		Japanese					2			
		Other Foreigner	<del></del>				5.5			
T-2	Direct Tioman by air	Singaporean					2.8			
	from Singapore	Japanese					5.5			
		Other Foreigner					3.2			
T-3	Direct Tioman by air	Malaysian		·	The state of the		5.2 5.5			
	from KL	Other Foreigner	<u></u>	<u> </u>			3.2			
T-4	Tioman/Mersing	Malaysian			1		2.8			
	•	Singaporean			1		2.0			
	<i>3</i>	Japanese			1		5.5			
		Other Foreigner		····		3.2	3.3			
S-1	Direct Sibu	Malaysian				2.8				
		singaporean				5.5				
		Other Foreigner	<del></del>	··	1	3.2	·····			
S-2 Sibu/Mersing	Sibu/Mersing	Malaysian			1	2.8				
		Singaporean			1	5.5				
		Other Foreigner			1.6	.,,,				
M-1	Mersing	Malaysian			2					
	Made de North	Singaporean			1		1.5			
M-2	Mersing/optional Endau	Singaporean			1		1.5			
		Other Foreigner			î		2.5			
		Omei reteigher								

Table B.1.2 Estimated Number of Guest Nights

Code	Name of Tour	Origin of Tourist	of Tourist Total No. of Overnights				ernights	<del></del>	
No.		··········	DESARU	K.T.	MERSING	SIBU/O	TIOMAN	ENDAU/R	W-A-1-
K-1	Kota Tinggi	Malaysian	0	22500	0	0	TIOMAN 0	ENDAU/K 0	Totals 22500
		Singaporean	ō	9100	0	0	0	0	9100
D-1	Desaru JB	Malaysian	42750	0	0	0	0	0	42750
-		Singaporean	72800	Ö	ő	0	0	0	72800
		Japanese	129200	ŏ	ŏ	ő	0	. 0	129200
		Other Poreigner	31790	ő	ő	ő	0	0	31790
D-2	Perry Desaru	Singaporean	163800	0	Ö	Ö	0	0	16380
		Japanese	232560	Ō	ŏ	ő	ő	ŏ	232560
		Other Foreigner	80410	0	ō	0	ő	ŏ	80410
D-3	Desaru/Sibu	Singaporean	1950	0	0	2600	0	0	4550
	. 1	Japanese	2850	0	ō	3800	ŏ	ŏ	6650
_ :		Other Foreigner	2750	Ō	ō	2750	ŏ	ŏ	5500
D-4	Desaru/Tioman	singaporean	1950	0	0	0	2600	0	4550
		Japanese	4275.	0	0	ō	7125	. 0	11400
		Other Poreigner	2750	0	0	0	3300	ō	6050
D-5	Desaru/optional Endau	Japanese	1900	0	950	0	0	1425	427
		Other Poreigner	688	0	275	Ō	ō	688	1650
T-1	Direct Tioman by land	Malaysian	0	0	0	0	19200	0	19200
	*	Singaporean	.0	0	0	0	44044	0	44044
		Japanese	0	0	0	0	3800	0	3800
		Other Foreigner	0	0	0	. 0	46888	0	4688
T-2	Direct Tioman by air	Singaporean	0	0	0	0	5096	0	5096
	from Singapore	Japanese	0	0	0	0	1140	0	1140
	<u> </u>	Other Foreigner	0	0	0	00	9075	0	9075
T-3	Direct Tioman by air	Malaysian	0	0	0	0	12000	0	12000
	from KL	Other Foreigner	0	0	0	0	12100	0	12100
T-4	Tioman/Mersing	Malaysian	0	0	1500	0	4800	0	6300
÷		Singaporean	. 0	0	1300	0	3640	0	4940
	•	Japanese	0	0	950	.0	1900	0	2850
		Other Foreigner	0	0	1650	0	9075	0	10725
S-1	Direct Sibu	Malaysian	0	0	0	12000	0	0	12000
		singaporean	0	0	0	25480	0	0	25480
		Other Foreigner	0	0	0	24200	0_	0	24200
S-2	Sibu/Mersing	Malaysian	0	0	750	2400		0	3150
		Singaporean	. 0	0	1300	3640	0	0	4940
		Other Poreigner	0	0	825	4538	0	0	5363
M-1	Mersing	Malaysian	0	0	36000	0	0	0	36000
		Singaporean	0	0	13000	0	0	. 0	13000
M-2	Mersing/optional Endau		0	0	375	0	0	563	938
		Singaporean	0	. 0	650	0	0	975	1625
	<del></del>	Other Foreigner	0	0	275	0	0	688	963
	•	Malaysian	42750	22500	38625	14400	24000	563	142838
		Singaporean	240500	9100	16250	31720	55380	975	353925
		lapanese	370785	0	1900	3800	13965	1425	391875
		Other Foreigner	118388	0	3025	31488	80438	1375	234713
		Total	772423	31600	59800	81408	173783	4338	1123350
		4 0141	112723	31000	37000	31400	175705	7330	

Appendix-C

List of Tourism Facilities in Desaru New Tourism Core

Code No.		. Name of Facility		Area Requirement (1000sqm) Floor(sqm)	
1 0	0	COASTAL RESORT CORRIDOR (TOTAL)		2,915.3	187,715
1 1	0	AMMENITY CORE AREA		502.7	44,895
1 1	1	Tourist Centre		6.2	775
		Information Centre			100
		Travel Agents			75
		Airline Offices			150
		Bank/Insurance Office			50
•		Money Exchanger			50
		Post Office			50
		Clinic/Dentist			100
		Rental Cycle Shop			200
1 1	2	Restaurant Plaza (1200 seats)		27.0	6,700
1.1		Restaurants			• • • •
:		Cafe Terrace			
4.		First Foods Shops			
		Kiosks			
		Disco			
	-	Night Club			
1 1	3	Shopping Promenade (32 Shops)		17.0	4,200
4.5		Boutiques		13.0	3,200
100		Souvenior/Handicraft Shops			
		Sports Equippments			
		Foods/Beverage			
		Duty Free Shop		4.0	1,000
		Game Centre			
1 1	4	Exhibition Centre		22.4	4,800
		Exhibition Plaza/Outdoor Theatre	-	5.0	500
		Theatre/Cinema(200 seats)		1.6	400
		Art/Craft Centre/Art Museum		4.0	1,000
		Exhibition Hall		11.0	2,700
		Children Club/Play Lot		. 0.8	200
1 1	5	Craftsman Village		28.0	7,000
. '	3	Training Centre/Exhibition Hall		8.0	2,000
4.		Craftsmen's Houses/Workshops		20.0	5,000
1 1	6	Indoor Sports Complex		24.0	5,900
	•	Gymnasium		10.8	2,700
	•	Indoor Swimming Pool		6.0	1,500
		Club House		2.4	500
		Bawiling		4.8	1,200

Co	de	No. Name of Facility	Area Require Site (1000sqm) Fi	
1	1	7 Outdoor Sports Complex	64.0	5,300
'	•	Club House	2.0	500
		Badmington Courts(6)	6.0	
		Tennis Courts(10)	10.0	
	•	Centre Court with Stands	18.0	4,500
		Athletic Field	3.0	,,000
		Volley Ball Courts(2)	2.0	
		Shooting Ranges-Clay/Archery/	3.0	100
		Horseback Riding	20.0	200
1	1	8 Jetty/Marine Sports Complex (Infra)	13.0	250
		Admini. Office	0.8	200
		Long Jetty(pedestrian/carriage)	12.0	*
		First Aid/Rescue Centre	0.2	50
1	1	9 Jetty/Marine Sports Complex (Private)	11.1	2,780
		Cafe Terrace(200 seats)	3.2	800
		Restaurant(400 seats)	6.4	1,600
		Klosk	0.3	80
		Rental Shops of Marine Sports Eq.	0.4	100
		Pro-shop	0,8	200
	1	1.0 Jetty/Marine Sports Complex (Public)	13.0	3,200
		Observation Tower	5.0	1,200
		Floating Beck for Marine Sports		2
		Aquarium	8.0	2,000
	1	1.1 Major Water Recreation Complex	40.0	3,340
	•	Club House	22.8	2,000
		Swimming Pools	7.9	-,
		Waving Pool	2.6	100
		Water Slider Pool	0.6	
		Stream Pool	2.1	1,7
		Poolside Restaurants(200 seats)		800
		Outdoor Theatre/Plaza	4.0	500
		Coffee House/Kiosk		4 0
	1	1.2 Transportation Centre	75.0	170
		Gate/Office	5.0	100
		Major Car Parking	50.0	10
		Bus Terminal	10.0	1.0
		Taxi Terminal Kiosk	10.0	10 40
	1	13 Parks /Gardens	162.0	480
	'	Orchid Gardens	60.0	200
		Tg.Penawar Observation Park	102.0	200
		Seaside Pedestrian Way/Decks	102.0	80 80
		Cut/Fill		. 50

Code No	Nome of Seality		Area Requirement		
Code No.	Name of Facility	Site	(1000sqm) Floor(sqm)		
1 2 0	AMMENITY SUB-CORE AREA		783.6	9,14(	
1 2 1	Golf Course		700.0	3,000	
	Club House		20.0	3,000	
	Golf Course(18 holes)		680.0	0,000	
1 2 2	Shopping/Restaurant		11.0	2,600	
	Boutiques Souvenior/Handicraft Shops Sports Equipments		6.0	1,400	
	Foods/Beverage				
	Restaurants (200 seats)		3.0	. 800	
4	Cafe Terrace (100 seats)		2.0	400	
1 2 3	Theatre		22.0	1,000	
	Multi-purpose Festival Plaza		20.0	500	
	Theatre(250 seats)		2.0	500	
1 2 4 1	Beach/Marine Club (Infra)		1.8	250	
	Admini. Office		1.8	200	
	Short Jetty(pedestrian only) First Aid/Rescue Centre			5 (	
1 2 5 1	Beach/Marine Club (Private)		4.8	1,240	
	Rental Shops of Marine Sports Eq.		0.4	100	
	Pro-shop		0.4	100	
	Restaurant(150 seats)		2.4	600	
	Cafe Terrace (100 seats)		1.6	400	
	Kiosk			4 (	
1 2 6 1	Beach/Marine Club (Public) Floating Beck for Marine Sports		•		
1 2 7 (	Outdoor Sports		29.0	800	
	Club House		2.0	500	
	Tennis Court (8 Courts)		4.0		
	Shooting Ranges-Clay/Archery/		3.0	100	
	Horseback Riding		20.0	200	
1 2 8	Fransportation Sub-terminal		15.0	250	
,	Car Parking		11.0	2(	
	Taxi Stand		2.0	5 (	
	Bus Terminal Kiosk		2.0	14(	
130—160	ACCOMMODATION & PARKS IN HOTEL AREA				
			754 A	64,400	
1 3 0 1	HOTEL DEV'T ON TG. SIANG-BALAU		754.0	04,400	
1 3 1 1	High Class Hotel(international delux)		281.0	64,000	
	250 Rooms Hotel(expand to 350)		88.0	20,000	
	250 Rooms Hotel(expand to 350)		88.0	20,000	
	300 Rooms Hotel(expand to 400-450)		105.0	24,000	
1 3 2 1	rg./Lagoon Parks		473.0	400	

Code No.		No.	Name of Facility		Area Requirement (1000sqm) Floor(sqr	
1	4	0	HOTEL DEV'T ON TG. BALAU-LOMPAT		430.0	24,700
1	4	1	Middle Class Hotel(International) 150 Rooms Hotel(expand to 210-250) 200 Rooms Hotel(expand to 250-300)	.'	98.0 42.0 56.0	24,500 10,500 14,000
1	4	2	Tg./Lagoon Parks		332.0	200
1	5	0	HOTEL DEV'T ON TG. LOMPAT-PENAWAR		445.0	44,580
1	5	1	Middle Class Hotel(International)  100 Rooms Expansion	· · · ·	176.0 28.0	44,300 7,200
			Renovation of Golf Hotel 250 Rooms Hotel(expand to350) 280 Rooms Hotel(expand to350-400)		70.0 78.0	17,500 19,600
1	5	2	Tg./Lagoon Parks		269.0	280
1	6	0	OTHER LANDSCAPING AREAS			
1	6	1	Beachside Promenade(infra.easement)			
1	6	2	Jungle Trecking Courses  Lowland Forest Course  Swamp Forest Course  Beach Forest Course			

Code No.	Name of Facility	Area Requ Site (1000sqm)	ulrement Floor(sqm)	
2 0 0	DAYTRIPPER/DAILY ACTIVITY ZONE	2,112.3	34,635	
2 1 0	TG. BELUNGKOR GATE AREA	82.0	2,255	
2 1 1	Tg. Belungkor Ferry Jetty	63.0	755	
	Jetty Terminal Building			
	Gate/Monument Plaza	60.0		
	Tourist Information	0.4	100	
	Souvenior Shop/Kiosk (10 Shops)	0.3	80	
	Travel Agents/Airline Offices	0.9	225	
	Bank/Insurance Office	0.2	50	
	Post Office	0.2	50	
	Rental Cycle Shop	0.8	200	
	Money Exchanger	0.2	50	
2 1 2	Shopping Promenade(15 Shops)	4.0	1,000	
	Boutiques	4.0	1,000	
	Souvenlor/Handicraft Shops		,	
	Sports Equipments Shops			
	Food/Beverage Shops			
1.0	Game Centre			
2 1 3	Transportation Terminal	15.0	500	
	Car Parking	10.0	10	
	Taxi Stand	1.0	10	
	Bus Terminal	2.0	40	
	Office/Waiting Room	2.0	400	
	Kiosk		40	
	Mono Rail			
2 2 0	TG. BELUNGKOR MARINE SPORTS AREA	153.5	8,000	
2 2 1	Marine Sports Complex	136.5	3,800	
	Club House	8.0	2,000	
	Restaurants(200 seats)	3.0	800	
: "	Swimming Pool	3.5	500	
	Marina	120.0		
	Repair House	2.0	500	
2 2 2	Bt.Belungkor Hill Restaurant	17.0	4,200	
· R	Restaurants(450 seats)	17.0	4,200	
1	Coffee Shops(200 seats)		•	
	First Food Shops			
	Kiosk			
	Plaza			
i	Cable Car			

Code No.		No.	Name of Facility		Area Requirement (1000sqm) Floor(sqm)	
2	3	0	RECREATIONAL ACTIVITIES AREA	•	500.0	6,600
2	3	1	Major Fun Park		500.0	6,600
-	٠	•	Administration Office	-	490.0	500
			Gate/Entrance			
			Restaurants (800 seats)			3,200
			Cafe Terrace(600 seats)	÷		2,400
			Event Plaza			
			Outdoor Theatre	-	10.0	500
			Mono Rali			
			Roller Coaster		•	
			Førris Wheel Parachuter			
			Other Equipments			
					· · · · · · · · · · · · · · · · · · ·	
2	4	0	INLAND SPORTS AREA		750.0	9,100
2	4	1	Golf Course		700.0	3,000
-	-	•	Club House		20.0	3,000
			Golf Course(18 holes)		680.0	
!	4	2	Indoor Sports Complex		10.0	2,500
	·	•	Club House		2.0	500
			Gymnasium		6.0	1,500
			Squash Courts		2.0	500
>	4	3	Outdoor Sports Complex		40.0	3,600
٠			Club House		2.0	500
			Tennis Courts(8)		8.0	
			Indoor Tennis Court(3)	-		2,800
			Badmington Courts(6)		6.0	
			Athletic /Jogging		1.0	
			Shooting Ranges(archery/others)		3.0	100
			Horseback Riding		20.0	200
<u>.</u>	5	0	ORCHARD/ORCHID GARDENS		110.0	880
	5	1	Orchard Gardens		90.0	440
•	•	•	Research/Admini Station			400
			Nursery		10.0	1
			Orchards		80.0	
			Coffee Shop/Kiosk			40
:	5	2	Orchid Garden		20.0	440
•	•	<i>5</i>	Research/Admini Station			400
			Nursery		5.0	:
			Orchid Garden		15.0	
			Coffee Shop/Kiosk		•	40

Code No. Name of Fac	cility	Area Req ite (1900sqm)	ulrement Floor(sqm)
2 6 0 LAKESIDE PAR	KS	516.8	7,800
2 6 1 Lakeside Park		100.0	900
	Administration Office	0.8	200
	Sightseeing/Strolling Path	96.4	
Rest Hous	se/Klosk/Lakeside Restaurant	2.8	700
2 6 2 Bird Sanctuary	1	400.0	2,700
	Research/Admini Station	0.8	200
	Sightseeing/Strolling Path	389,2	
	Glant Cages of Birds	10.0	2,500
2 6 3 Insect Gardens		16.8	4,200
	Research/Admini Station	0.8	200
	Batterfly Garden	8.0	2,000
	Beattle Garden	4.0	1,000
	Others (Reptiles)	4.0	1,000

Code No. Name of Facility		Name of Facility	Area Requi Site (1000sqm)	Area Requirement (1000sqm) Floor(sqm)		
3	0	0	BANDAR PENAWAR SERVICE TOWN	472.2	129,500	
3	1	Ö	TOWN CENTER	4.6	1,200	
3	1	1	Public Facilities Fire Brigade Centre Hospital Police Station Post Office	4.6 2.0 2.0 0.3 0.3	1,200 500 500 100 100	
3	2	0	SUPPORTING INDUSTRIAL AREA	200.0	400	
3	2	. 1	Site Preparation			
3	2	2	Nursery Office Shade House Workshops/Storage	200.0	400 50 200 150	
3	3	0	BANDAR PENAWAR ART CENTER	13.6	2,900	
3	3	1	Headquarter  Administration Office Research Centre Meeting Halls	3.6	900 300 300 300	
3	3	2	Dance/Music Centre Traditional Performance Research Training/Exhibition	10.0	2,000 1,000 1,000	
3	4	0	RESIDENTIAL AREA FOR HOTEL EMPLOYEES	254.0	125,000	
3	4	1	Residential Housing Community Facilities Roads	254.0 175.0 35.0 44.0	125,000 116,000 9,000	

Code No.		No.	Name of Facility	Area Requ Site (1000sqm)	Area Requirement (1000sqm) Floor(sqm)	
4	0	0	OTHER TOURISM ACTIVITY ZONES	1,214.0	8,680	
4	1	0.	LEBAM RIVER TOURISM AREA	17.2	2,350	
4	1	1	Rubber Museum	11.2	1,800	
			Museum	4.0	1,000	
7.			Outdoor Exhibition Area	4.0	.,000	
			Colonial Style Restaurant(200 seats)	3.2	800	
4	1	2	River Cruising	1.0	250	
			Administration office		100	
			Kiosk/Pro-shop for River Fising Jetties		150	
4	1	3	Crocodile Garden	5.0	300	
			Resarch/Admini Centre		100	
			Nursery		200	
			Garden(with Fence)	5.0		
4	2	0	SANTI RIVER TOURISM AREA	6.0	1,300	
4	2	1	Oil Palm Museum	6.0	1,300	
			Museum/Admini Office	2.8	1,000	
			Cafe Terrace/Kiosk	1.2	300	
			Outdoor Exhibition Area	2.0		
4	3	0	JOHOR LAMA HISTORICAL PARK AREA	1,022.4	840	
4	3	1	Johor Lama Historical Park	1,000.0	240	
			Park Office/Presentation Room	0.8	200	
			Sightseeing Path/Landscaping	999.0		
			Rest House/Kiosk	0.2	4 0	
4	3	2	Kg. Sengat Seafood Restaurants	22.4	600	
			Restaurant(150 seats)	2.4	600	
			Landscaping of the Town	20.0		
4	4	0	TG, PENGERANG/SOUTH BEACH	168.4	4,190	
				0.0	0.4.0	
4	4	1	Tg.Pengerang Historical Park	2.0 2.0	240 240	
			Observation Place/Rest Houses/Kiosks Sightseeing Path/Landscaping	2.0	240	
4	4	2	South Beach Beautification	164.4	3,600	
			Seafood Restaurant Square	14.4	3,600	
			Roadside Beautification	150.0		
4	4	3	Pulau Lima Fishing Island	2.0	350	
		_	Admini. Office		200	
٠.			Pro-shop/Kiosk		150	
			Jetties on Tg.Penyasop/Islands			
			www.en.logic.com			

### Appendix-D

### Cost Estimate

### p.1 Road

### D.1.1 Future Traffic Volume on the Roadway in the Southeast Tourism Area

Future traffic on the federal roads in the Southeast Tourism Area are normally estimated by extrapolation of past traffic counts using linear regression techniques. Sixteen hour count data is available from "Traffic Volumes Malaysia 1946-1986" published by the JKR. Data from this report are available from 1976 to 1985 except for the Kota Tinggi to Desaru link which was only opened to traffic in 1982. due to this recent opening, the regression techniques normally applied would yield unreasonable estimates; therefore, the ratio of traffic on this branch to the main Kota Tinggi - Mersing highway is simply assumed as constant.

Table D.1.1 Estimated Future Traffic Volume (ADT of 16 hours)

ST. No	1990	1991	1992	1993	1994	1995
OD49						
F49	13,295	14,172	15,108	16,105	17,167	18,300
H09	6,771	7,297	7,863	8,474	9,132	9,841
OD51	8,447	9,004	9,598	10,232	10,907	11,627
- NA -						
F50	3,772	4,025	4,295	4,564	4,892	5,221
H20	3,023	3,161	3,306	3,456	3,614	3,779
F55						
	OD49 F49 H09 OD51 - NA - F50	OD49 F49 13,295 H09 6,771 OD51 8,447 - NA - F50 3,772 H20 3,023	OD49 F49 13,295 14,172 H09 6,771 7,297  OD51 8,447 9,004 - NA - F50 3,772 4,025  H20 3,023 3,161	OD49 F49 13,295 14,172 15,108 H09 6,771 7,297 7,863  OD51 8,447 9,004 9,598 - NA - F50 3,772 4,025 4,295  H20 3,023 3,161 3,306	OD49 F49 13,295 14,172 15,108 16,105 H09 6,771 7,297 7,863 8,474  OD51 8,447 9,004 9,598 10,232 - NA - F50 3,772 4,025 4,295 4,564  H20 3,023 3,161 3,306 3,456	OD49  F49

### D.1.2 Unit Construction Cost

Cost of road construction and improvement for each 1 kilometre are set as shown below.

Construction Cost for each km length of road

New Construction		Unit: 1,000 Rgt
Standard	Flat Terrain	Rolling Terrain
R05	696	1,007
U03	1,021	1,367
R01	• •	345

mprovement		Unit: 1,000 Rg
Standard	Flat Terrain	Rolling Terrain
R05 Repavement	395	395
U03 Repavement	115	115
R01 1 Lane Add.	325	360

These unit construction costs are based on the construction 1987 cost data of JKR.

Unit cost for a bridge is based on the cost of a 3 span, I-beam concrete bridge with a span length of 25 meters. Piles 20 metres deep for the foundation are provided. The Unit Cost for 1 sq. meter of bridge construction is 1,750 Rgt.

Design and supervision fee is assumed as 4% of construction cost for design and 7% for supervision, as recommended by the World Bank.

The landscaping cost does not include the cost of plant material, since it is assumed that plants are provided by the nursery owned by the project execution agency of the Desaru New tourism Core.

After the type of construction, terrain, and necessary construction items including landscaping of each road section are determined, the construction cost of each road section is estimated.

Table D.1.2 indicates the construction cost of the each road section by year.

Table D.1.2 Road Costs

	O	NOMICHON		TSOO	COST(mill M\$	(5)			Cost (Mill MS)	(SM.)				MOCOST
Road name	CLASS	NOMB.	LENGTH	-1995 1	995-	TOTAL	1989	1990	1991	1992	1993	1994	1995	(Mill M\$/
	.	LANE	(km)										:	YEAR)
D-1	003	ત્ય	8.45	6.288		6.288	0.226	3.031	3.031					0.252
D-2	003	ત	3.48	4.160		4.160	ľ		0.150	2.005	2.005			0.104
D-3	003 	~	5.55	4.423	•	4.423	0.160	2.131	2.131			÷	<del> </del>	0.165
D-4	003	ત	1.93	2.318	•	2.318	ı	0.084	1.117	1.117			-	0.058
D-5	203	ત	1.00	1.195	•	1.195	•	, •	0.043	1.152				0.030
F-1	R05	CV	9.95	0.568		0.568				•	0.020	0.548		0.297
F-2	R05	CV	8.00	9.407		9.407	0.339	4.534	4.534					0.239
F-3	R05	ત્ય	4.83	0.300		0.300	0.011	0.096	960.0	0.097				0.144
F-4	R05	ณ	8.00	7.058		7.058	0.254	2.268	2.268	2.268			: <del></del>	0.179
F-101	B01	ત્ય	7.00	1,393	,	1,393	0,050	1.343	÷					0.207
F-102	H01	ત	5.00	0.995		0.995	•	0.035	0.960					0.149
F-103	B01	N	2.30	0.458	,	0.458	ı	•	0.017	0.441				0.069
F-104	E	ผ	5.50	1.095		1.095			0.040	1.055				0.164
F-105	B01	ณ	2.50	0.498		0.498		•		0.018	0.480			0.075
R-3 (J.BR92)	Ä05	4	29.60	26.761		26.761	0.964	6.449	6.449	6.449	6.450	٠		1.768
Д-3	R05	a	91.20	96.059	,	96.059	1		3.461	15,433	15.433	30.866	30.866	2.723
(R92-Mersing)	_													
R-92 (R3-R89)	R05	4	50.80	45.322		45.322	1,633	10.922	10.922	10.922	10.923			3.033
H-89	R05	Q	16.90	0.859	,	0.859	ì		0.031	0.828				0.505
R-99	R05	ત્ય	40.50	•	17.767	17.767	•		•			•	1	1.209
J-26	R05	2	38.60	- 4	47.252	47.252	•	•	1	•		•	•	1.153
Total			339.09	209.157 6	65.019	274.176	3.637	30.893	35.250	41.785	35.311	31.414	30.866	

# D.2 Investment Cost Estimation of Jetty Construction

# D.2.1 Natural Conditions Related to the Jetty Design & Construction

### (1) Tide

Tidal heights above Chart Datum

					Unit: met
Location	MHHW	MLHW	MSL	MHLW	MLLW
Tg. Penawan Tg. Balau	2.2	2.1	1.5	1.3	0.6
Mersing Tioman	2.4	1.8	1.5	1.2	0.6

Source: National Coastal Erosion Study (Aug. 1985, Stanlay Consultant for Tg. Penawar & Tg. Balau

JKR Report for Mersing & Tioman

### (2) Wave

Wave conditions are as follows.

Location	Probable Direction (°N)	50 year Significan Wave Height (Meters)
Tg. Penawar	NE	2.4
Tg. Pengelih	SW	1.5
Changi Point	SE	1.7
Sg. Belungkor	SW .	0.4
Tg. Langsat	SE	0.6
Telok Sengat	SSW	0.5
Tioman 11	- "	(1.5)

Source: KEJORA report (Jurutera Consultant, 1985)

Note: 1/ Assumed.

### (3) Seabed Topography

Assumed from charts, scale 1/75,000 and 1/50,000.

## (4) Soil

In accordance with the KEJORA Report mentioned in previously, the sea bed soil condition of Tg. Penawan is as shown in Table D.3.1.

-	Sea bed	
2 m	Soft marine clay	Standard Penetration Test = 4
9 m	Silty clay	SPT = 12
<b>1</b> 111	Clayey sand	SPT = 34
	Sandy clay	SPT > 50

Same structure is applied for other areas.

## D.2.2 Design Vessel

The following vessel is assumed to be berthed at Tg. Penawar and Tioman Jetty.

### 1) Dimension

Length over all	28.7 m
Breadth over deck	6.4 m
Width over hydrofoil	10.8 m
Draft from bottom of hydrofoil, floating	3.5 m
Draft from bottom of hydrofoil, cruising	1.4 m

### 2) Classification

Hydrofoil Craft

# 3) Tonnage

Gross tonnage	170 tons
---------------	----------

## 4) Speed, etc.

Max. speed	37	kt
Cruising speed	35	kt
Cruising range	400	km

# D.2.3 Jetty Structure

					Unit	: meters
Location	Total Length	Causeway	(Foot Path	) Bridge	Warf	Pontoon
Tg. Penawar (Amenity core)	320		L = 230 $B = 10$			
Tg. Balau (Amenity, sub-core)				L = 100 B = 3		
Jetties for	100		L = 100			
river cruise	&		&			
(2 locations)	30		L = 30		<u> </u>	
Tioman Is.*	130			L = 110	L = 10	L = 10
Mersing Port*					L = 20	
(Improvement)					B = 10	

<sup>\*</sup> Outside of the Desaru New Tourism Core.

# D.3 Investment Cost Estimation of Water Supply System

### D.3.1 Water Demand

Water Demand of the following 4 categories are estimated based upon the tourism facilities and Township development plan.

## 1) Hotel

Number of Rooms x Unit demand/room/day

## 2) Day-Tripper

Visitor Arrival x Duration of stay x Unit demand/person/day

### 3) Golf Course

Course (18 holes) x Daily demand

### 4) Resident

Service population x Unit demand/person/day

Unit demand is as shown below.

Table D.3.1 Unit Demand of Water Supply

Item	Year	19	95	Fut	ure
	Unit	Daily Max.	Daily Ave.	Daily Max.	Daily Ave.
Hotel	m3 per room per day	2.10	1.40	2.10	1.40
Day-Tripper	liters per person per day	200	133	200	133
Golf Course	m3 per day	1,230	820	1,230	820
Resident	liters per person per day	230	153	240	160

Note: Daily Maximum Demand/Daily Average Demand = 1.5

Table D.3.2 Water Demand by Year (Daily Max)

Items	Year	1993	1994	1995	Future
Hotel	Max.	3,026	3,471	4,450	10,500
	Ave.	1,450 Rooms (68%)	1,650 Rooms (78%)	2,076 2,119 Rooms (100%)	4,900 (5,000 Rooms)
Day-Tripper	Max. Ave.	1,289 859	2,306	3,391 2,260	3,391
÷		1.00 M. Persons (38%)	1.80 M. Persons (68%)	2.65 M. Persons (100%)	
Golf Course	Max.	1,230	1,230	3,690	3,690
	Ave.	820	820	2,460	2,460
		(1 Course)	(1 Course)	(3 Courses)	
Resident	Max.	9,936	10,488	11,040	13,440
	Ave	6,610 43,300 Persons (90%)	6,977 45,700 Persons (95%)	7,344 48,000 Persons (100%)	8,960 (56,000 Persons)
Total	Z S		17,495	22,571	31,021
	Ave.	9,701	10,953	14,140	18,580

Future Demand is established to avoid the reconstruction of the system after 1995. Pipelines and Reservoirs meet the future demand which correspond to the development of 5,000 Hotel rooms and related township. A flow chart for demand estimation is shown in Fig. D.3.1 and total water demand by year is shown on Table D.3.2.

# D.3.2 Water Resource and Treatment Plant

Existing Sungai Lebam dam is used for row water reservoir.

Additional pumps will be installed in the existing water treatment plant to meet the demand.

Existing water reservoir and treatment plant capacity are as followings.

<u>.</u>	Capacity of Sg. Lebam water reservoir	$32,000 \text{ m}^3/\text{d}$	(7 MGD)
-	Row Water Pump (2 units)	$22,700 \text{ m}^3/\text{d}$	(5 MGD)
	Water Treatment Plant (capacity)		
-	Treated Water Pump (2 units)	$24,100 \text{ m}^3/\text{d}$	(5.3 MGD)

Fig. D.3.2 shows the Daily Maximum Water Consumption.

Table D.3.3 shows Breakdown of the Investment.

Table D.3.3 Breakdown of Investment cost

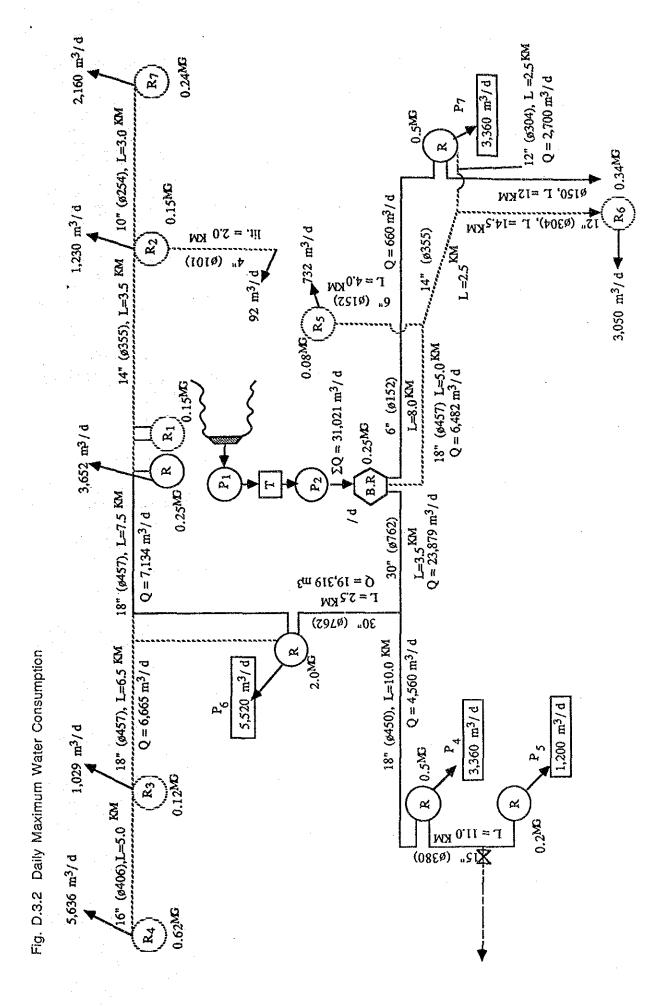
Unit: Million Rgt.

Item		Investment Cost	
nen	Up to 1995	Future	Total
Basic Construction Cost	21.62	1.88	23.50
D/D & Supervision	2.37	0.23	2.60
Total	23.99	2.11	26.10

UNIT DEMAND AVE. NO. OF HOLES  $(m^3/d)$ MAX. TOTAL DEMAND NO. OF COURSES AVE. GOLFCOURSE  $(m^3/d)$ MAX VA. DURATION OF STAY (%) UNIT DEMAND AVE. VISITOR  $(m^3/d)$ MAX. NO. OF DAY-TRIPPERS TOTAL DEMAND AVE. DAY-TRIPPER AVE.  $(m^3/d)$ MAX. MAX. (2 GUEST/ROOM) UNIT DEMAND AVE. AVE NO. OF ROOM  $(m^3/r,d)$ TOTAL  $(m^3/d)$ (40.2)MAX. MAX. TOTAL DEMAND AVE. AVE. NO. OF ROOM
OCCUPIED  $(m^3/d)$ HOTEL MAX. (100%) MAX. **UNIT DEMAND** OCCUPANCY AVE. **POPULATION** (lit./c.d.) MAX. TOTAL DEMAND POPULATION SERVED AVE. RESIDENT  $(m^3/d)$ MAX.

D - 10

Fig. D.3.1 Flow Chart for Demand of Water Supply



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### D.4 Sewerage System

### D.4.1 Unit Discharge of Sewage

Estimates of the unit discharge of sewage by purpose is based on the water demand.

### 1) Hotel

Water demand/room/day - Air conditioning water/room/day - Swimming pool water/room/day

### 2) Golf Course

Daily water demand - sprinkled water/day

### 3) Day-tripper

Equal to water demand/person/day

4) Flow of underground water into drain pipes is estimated as 20% of maximum daily discharge of sewage.

Unit discharge of sewage by purpose is shown in Table D.4.1.

Future discharge is established to avoid the reconstruction of sewerage system after 1995.

Study flow chart for the estimation of sewage discharge is shown in Fig. D.4.1 and the estimated sewage discharge by year is shown in Table D.4.2.

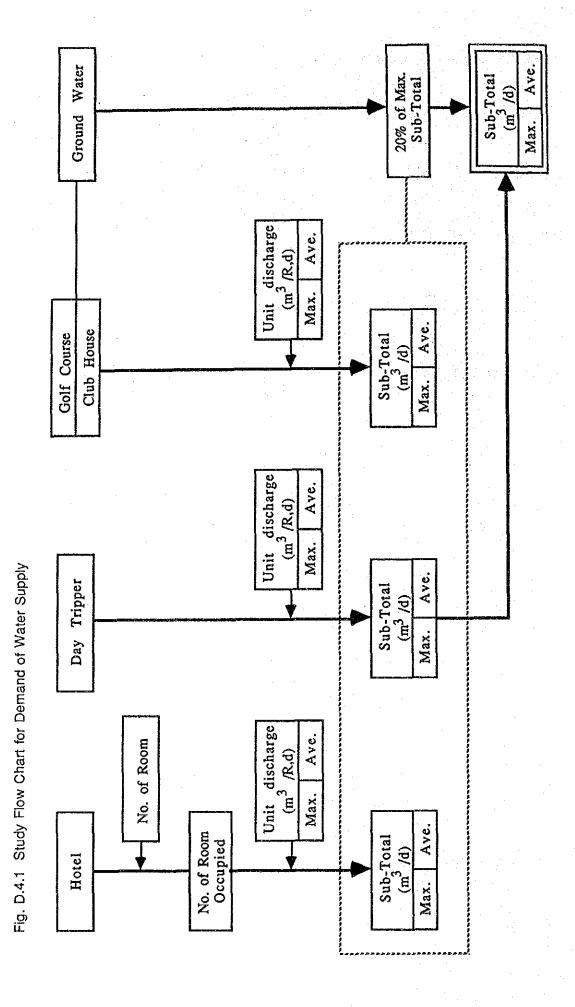
Table D.4.1. Unit Discharge of Sewage

		1	995	Future	9
		Daily Max.	Daily Ave.	Daily Max.	Daily Ave.
Hotel	m3/ per room per day	1,50	1.00	1.50	1.00
Day-tripper	litres per person per day	204	136	204	136
Golf course	m3 per day	105	70	105	70

Note: Daily Max. Discharge/Daily Ave. Discharge = 1.5

Table D.4.2 Sewage Forecast by Year (Daily Max)

					Unit: CMD
Area	Year	1993 (48%)	1994 (61%)	1995 (100%)	Future
North	Daily MAX	1,121	1,425	2,336	4,785
Area	Daily AVG.	644	819	1,342	2,703
South	Daily MAX.	1,685	2,140	3,508	6,243
Area	Daily AVG.	1,076	1,368	2,242	3,761
Total	Daily MAX.	2,805	3,565	5,844	11,028
	Daily AVG.	1,720	2,187	3,584	6,464



#### p.4.2 Sewerage System

Two sewerage treatment plants are planned to be constructed in the Coastal Resort corridor. The capacities of the treatment plants and other related facilities such as pumping stations, manhole pumps, and pipelines are listed in Table D.4.3.

Table D.4.3 Facilities of Sewerage System

Area	ltem	1995	Future	Total
No	Treatment Plant	2,400 m <sup>3</sup> /d	2,400 m <sup>3</sup> /d	4,800 m <sup>3</sup> /d
So	Treatment Plant	3,500 m <sup>3</sup> /d	3,500 m <sup>3</sup> /d	7,000 m <sup>3</sup> /d
No	Pumping Station	1.60 m <sup>3</sup> /min		1.60 m <sup>3</sup> /min
So	Pumping Station		2.36 m <sup>3</sup> /min	2.36 m <sup>3</sup> /min
So .	Pumping Station	4.10 m <sup>3</sup> /min		4.10 m <sup>3</sup> /min
So	Pumping Station	5.49 m <sup>3</sup> /min		5.49 m <sup>3</sup> /min
No	Pumping Station	6.88 m <sup>3</sup> /min		6.88 m <sup>3</sup> /min
No	Manhole Pump	0.36 m <sup>3</sup> /min		0.36 m <sup>3</sup> /min
No	Manhole Pump	-	0.36 m <sup>3</sup> /min	0.36 m <sup>3</sup> /min
So	Manhole Pump	0.76 m <sup>3</sup> /min		0.76 m <sup>3</sup> /min
So	Manhole Pump	1.26 m <sup>3</sup> /min		1.27 m <sup>3</sup> /min
So	Manhole Pump	1.53 m <sup>3</sup> /min		1.53 m <sup>3</sup> /min
No	Manhole Pump	2.04 m <sup>3</sup> /min		2.04 m <sup>3</sup> /min
So	Manhole Pump	2.29 m <sup>3</sup> /min		2.29 m <sup>3</sup> /min
So	Manhole Pump	3.07 m <sup>3</sup> /min		3.07 m <sup>3</sup> /min
No	Manhole Pump	3.79 m <sup>3</sup> /min		3.79 m <sup>3</sup> /min
	Pipe Line			
No ·	DCIP ø200	3.0 km		3.0 km
So	DCIP ø200	•	1.2 km	1.2 km
So	DCIP ø250	1.5 km		1.5 km
Νo	DCIP ø300	1.2 km		1.2 km
So =	DCIP ø300	1.7 km		1.7 km
	Pipe Line			0.5.1
Νο	R.C.P. ø200	1.0 km	1.5 km	2.5 km
So	R.C.P. ø200	1.2 km		1.2 km 3.2 km
No So	R.C.P. ø250	3.2 km 9.0 km		9.0 km
No:	R.C.P. ø250 R.C.P. ø300	1.6 km		1.6 km
So	R.C.P. ø300	1.7 km	1.5 km	3.2 km
ŝ	R.C.P. ø350	2.2 km		2.2 km

Note: No - North Area So - South Area

## D.4.3 Cost Estimation

The investment cost of the total system is broken down by item as shown in Table D.4.4.

Table D.4.4 Breakdown of Investment Cost

Unit: Million Rgt.

		Investment Cos	st
Item	Up to 1995	Future	Total
Basic Construction Cost	, 64.46	27.56	92.02
D/D & Supervision	7.09	3.03	10.12
Total	71.55	30.59	102.14

# D.5 Solid Waste Disposal System

# D.5.1 Unit Discharge of Solid Waste Disposal

Unit discharge of solid waste disposal is based on the reports of other similar tourism development area. Unit discharge and specific gravity of solid waste disposal are shown in Table D.5.1.

Table D.5.1. Unit Discharge of Solid Waste Disposal

Item	Unit	Unit Discharge	Specific Gravity (t/m <sup>3</sup> )
Hotel	kg/room•day	8.00	0.45
Day Tripper	kg/person•day	0.50	0.40
Resident	kg/person•day	0.75	0.30

The amount of discharge of solid waste disposal is estimated to avoid the reconstruction of system after 1995 and is calculated by item as shown in Tables D.5.2 and D.5.3.

Table D.5.2 Total Discharge of Solid Waste Disposal (Weight)

Year		Hotel		Da	Day Tripper		Resident	ent		Total	
	Daily Max	Daily Ave	Annual	Daily Max	Daily Ave	Annual	Daily Annual	Annual	Daily Max	Daily Ave	Annual
	(1/d)	(t/d)	(t/y)	(1/d)		(t/y)	(t/d) (t/y)	(t/y)	(t/d)		(t/x)
1993	11.6	8.	2,960	3.2	2.2	800	12.2	12.2 4,450	27.0	22.5	27.0 22.5 8,210
1994	13.2	9.2	3,360	5.7	4.0	4.0 1,460	14.3	14.3 5,220	33.2	27.5	33.2 27.5 10,040
1995	17.0	17.0 11.9	4,340	8.3	5.8	5.8 2,120	16.6	16.6 6,060	41.9	34.3	34.3 12,520
Future	40.0	28.0	10,220	8.3	5.8	5.8 2,120	23.0	23.0 8,400	71.3		56.8 20,740

Table D.5.3 Total Discharge of Solid Waste Disposal (Volume)

	a T			-							
		Hotel		Da	Day Tripper		Resident	ent		Total	
		Daily	Annual	Daily	Daily	Annual	Daily	Annual	Daily	Daily	Annual
Year	Max.	Ave.	Amount	Max.	Ave.	Amount	Amount	Amount	Max.	Ave.	Amount
		(p/_m)	/// ///	/b/_m)	/a/	////	(D/ EI)	/ / / / / / / / / / / / / / / / / / / /	(B/_E)	(p/_m)	/A/ 1811
1993	25.8	18.0	6,580	8.0	5.5	2,010	40.7	40.7 14,860	74.5	64.2	64.2 23,450
1994	29.3	20.4	7,470	14.3	10.0	10.0 3,650	47.7	47.7 17,410	91.3	78.1	78.1 28,530
1995	37.8	26.4	9,640	20.8	14.5	5,290	55.3	55.3 20,180	113.9	96.2	96.2 35,110
Future	88.9	62.1	22,710	20.8	14.5	14.5 5,290	76.7	76.7 28,000	186.4	186.4 153.3 56,000	56,000

### D.5.2 Site Area of Solid Waste Disposal System

Past experiments have proved that the volume of solid waste disposal will be reduced to 45 - 50% of its original volume.

In this study, the solid waste disposal system is designed assuming that a 40% volume reduction is expected for safety.

Considering covering soil (30% of the total amount of discharge) for effective sanitary landfill, the required capacity of the fill area will be estimated as 293,000 cubic meters.

The site area will total 78,000 square meters assuming 5-meter-depth of landfill and considering the area for two seepage water treatment plants and a 10-meter-margin around the site.

#### D.5.3 Cost Estimation

The investment cost of the total system is broken down by item as shown in Table D.5.4.

Table D.5.4 Breakdown of Investment Cost

Million Rgt. Unit: Investment Cost Item Up to 1995 Future: Total **Basic Construction Cost** 7.41 1.56 8.97 D/D & Supervision 0.89 0.19 1.08 Total 8.30 1.75 10.05

# D.6 Investment Cost Estimation of Power Supply System

### D.6.1 Electrical Demand

The calculation of the electrical demand in average for each development facility is made on the basis of the following standards.

First-class hotel	3.5 kVA/room
Middle-class hotel	3.0 kVA/room
Domestic class hotel	2.7 kVA/room
Residential housing	0.28 kVA/person
Theatre	$0.16 \text{ kVA/m}^2$
Museum/Aquarium/Town centre	$0.14 \text{ kVA/m}^2$
Restaurant	$0.10 \text{ kVA/m}^2$
Shop	$0.09 \text{ kVA/m}^2$
Office/Club house	$0.07 \text{ kVA/m}^2$
Outdoor facility	$0.01 \text{ kVA/m}^2$

The future electrical demand is established to avoid the reconstruction of power supply system after 1995 as shown in Table D.6.1.

Lighting demand on streets and roads, and public car parking are taken into account for the calculation.

### D.6.2 Power Supply System

The connection diagram and the power distribution network are shown in Fig. D.6.1.

### D.6.3 Cost Estimation

The estimated costs are generally made up of equipment costs, material costs, labour costs. fuel costs and hire of construction equipments.

Various government taxes, land acquisition costs, demolition costs of existing generating plant and cost escalation are not included in the cost estimation.

Engineering service costs have been estimated as 35% of the net construction costs.

Overhead and profit of construction have been estimated as 11% of the net construction costs.

Fig.D.6.1 Connection Diagram

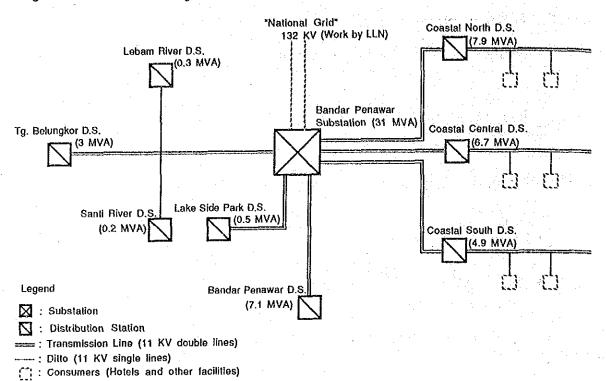


Table D.6.1 Electrical Demand

Distribution Station	Development Area/Facility		Demand	
		Up to 1995 Afte	r 1995	Total
	First-Class Hotel Dev't Area	2,800	4,270	7,070
Coastal North	Tg. Balau Ammenity Sub-Core	790		790
Distribution Station	Sewerage Water Plant	40	_	40
	Sub Total	3,630	4,270	7,900
Coastal Central	Middle-Class Hotel Dev't Area	3,957	2,733	6,690
Distribution Station	Sewerage Water Plant	40	<del></del>	40
	Sub Total	3,997	2,733	6,730
Coastal South	Tg. Penawar Ammenity Core	2,888	<del></del>	2,888
Distribution Station	Domestic Class Accommodation	· —	2,025	2,025
	Sub Total	2,888	2,025	4,913
	Bandar Penawar Service Town	5,600	-	5,600
•	Town Centre	133		133
Bandar Penawar	Supporting Industrial Area	28		28
Distribution Station	Art Centre	833	<del></del> ,	833
<b>2101110211011</b>	Water Supply Treatment Plant	500	<del></del>	500
	Sub Total	7,094		7,094
	Tg. Berungkor Gate Area	707.		707
	Tg. Berungkor Marine Sports	686	· <del></del>	686
Tg. Berungkor	Recreational Activities Area	894	<del></del>	894
Distribution Station	Inland Sports Area	707		707
<b>5.00, 120, 101,</b>	Orchard Gardens	62		62
	Sub Total	3,056		3,056
Lake Side Park	Lake Side Park Area	511		511
Distribution Station	Sub Total	511	-	511
Lebam River	Rubber Museum	252		252
Distribution Station	Sub Total	252		252
Santi River	Oil Palm Museum	182		182
Distribution Station	Sub Total	182		182
Prompondit ordinali	Crocodile Garden	38	-	38
Others	Johor Lama Historical Park Area	77		. 77
Q.110.0	Tg. Pengerang/South Beach Area	134	_	134
	Lighting for Street and Car Parking	643	·	643
	Sub Total	892		892
GRAND T	OTAL	22,502	9,028	31,530

# D.7 Investment Cost Estimation of Telecommunication System

### D.7.1 Telephone Line Demand

The calculation of the average demand for telephone lines for each development component is made as shown in Table D.7.1. The telephone line demand includes lines public phones, telex, and facsimile. The following standards are taken as the telephone line demand for hotels.

City line 20 rooms/line
Public telephone 50 rooms/line
Telex 1 line/hotel
Facsimile 1 line/hotel

### D.7.2 Telecommunication System

The connection diagram and the telephone line distribution system are shown in Fig. D.7.1.

### D.7.3 Cost Estimation

The estimated costs are generally made up of equipment costs, material costs, labour costs, fuel costs and hire of construction equipments.

Various government taxes, land acquisition costs and cost escalations are not included in the cost estimation.

Engineering service costs have been estimated as 35% of the net construction costs.

Overhead and profit of construction have been estimated as 11% of the net construction costs.

Fig. D.7.1 Telephone Network

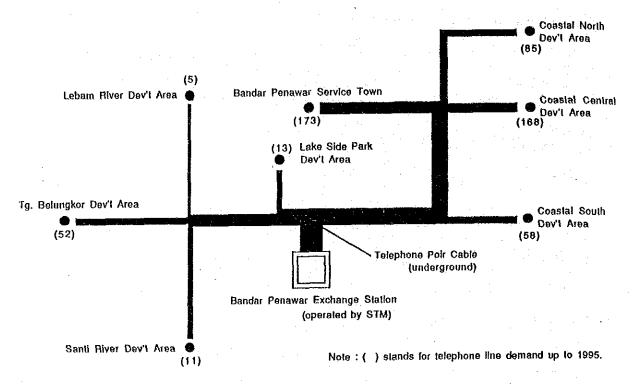


Table D.7.1 Telephone Line Demand

	Unit: Number of Lines	
Development Area	Facility	Demand up to 1995
	Hotels	62
Coastal North Dev't Area	Others	23
	Sub Total	85
Coastal Central Dev't Area  Coastal South Dev't Area	Hotels	110
	Others	58
	Sub Total	168
	Hotels	. —
	Others	58
	Sub Total	5.8
Bandar Penawar Service Town	Others	173
Tg. Berungkor Dev't Area	Others	52
Lake Side Park Dev't Area	Others	13
Lebam River Dev't Area	Others	5
Santi River Dev't Area	Others	1,1
Crocodile Garden	Others	3
Johor Lama Historical Park	Others	s* s - <b>5</b>
Tg. Pengerang/South Beach Area	Others	11
GRAND TOTAL		584

# D.8 Investment Cost Estimation of Tourism Facility

The site area and the floor area are estimated by each facility based on the assumptions described in Section 6.3.

The investment cost of each facility is calculated based on the site and floor areas and the unit price determined for the construction cost of a building. It includes a professional fee which is composed of design and supervision fees.

The calculated investment costs are shown in Table D.8.1.

The design fee and the supervision fee used for hotels are 10% and 3% of their construction costs respectively.

These fees used for other tourism facilities are 7% and 3% of their construction costs respectively.

Table D.8.1 Investment Cost Estimation of Tourism Facility (1/6)

Code No.	Name of Facility	Unit Pric		Constru Lendscape	ction Cost (1) Building	Tetal	Protessional Fee (1000 Rat.)	Investmen Cost (1000 Rp
1 0 0	Constal Resort Corridor (TOTAL)	· · · · · · · · · · · · · · · · · · ·				564,815		633,0
1 1 0	AMMENTY CORE AREA		1 5.1	44,097	56,731	100,828	10,089	110,9
	Tourist Center	81.5	1,200	440	930	1,370	137	1.5
	Information Center				•			
	Travel Agents Airline Offices				* 1			
	Sank/Insurance Office Money Exchanger							
	Post Office					1.1		et in the
	Clinio/Dentist Rental Cycle Shop				100	2	*	
	Renai Cycle Slop							
1 2	Restaurant Plaza (1200 seats) Restaurants	81,5	1,300	1,834	8,710	10,544	1,054	11,5
	Coffee Terrace				: "			
	First Foods Shops Kiosks		•					
	Disco							
	Night Club						4 A	
1 3	Shopping Promnade (32 Shops)	83.0	1,300	1,179	5,460	6,639	664	7,3
	Boutiques Souvenior/Handicraft Shops							
	Sports Equippments							
	Foods/Beverage Duty Free Shop							-
	Game Center							
3 4	Exhibition Center	•		2,284	7,385	9,649	985	10,6
1 4	Exhibition Plaza/Outdoor Theater	300.0	1,100	1,350	550	1,900	•••	10,0
	Theater/Cinema(200 seats)	70.0 69.0	1,650	. 84 207	680 1,500	744 1,707		
	Art/Craft Center/Art Museum Exhibition Hall	70.0	1,650	581	4,455	5,036		
	Children Club/Play Lot	70.0	1,100	42	220	262		
1 5	Craftman Village			760	5,200	5,980	. 596	6,9
•	Training Center/Exhibition Hall	60.0	1,000	360	2,000	2,360		
	Craftmans' Houses/Workshops	26.6	640	400	3,200	3,600		
1 6	Indoor Sports Complex		800	824 364	7,095	7,919 2,524	792	8,7
	Gymnusium Indoor Swimming Pool	45.0 45.0	1,350	203	2,160 2,025	2,228	:	
	Club House Bawilling	50.0 45.0	1,500 1,800	95 162	750 2,160	845 2,322		
	ранинд	43.0	1,000	102	2,100			
1 7	Outdoor Sports Complex Club House	90.0	1,500	3,630 135	6,285 750	9,915 885		10,5
	Badmington Courts(6)	18,000.0		216		216		
	Tenis Courts(10)	50,000.0 *		1,000 1,350	E 475	1,000		
	Center Court with Stands Athletic Field	100.0 50.0	1,150	1,350	5,175	6,525 150		
	Volley Ball Couns(2)	144.5		289		289		
	Shooting Ranges-Clay/Archery/ Horseback Riding	30.0 20.0	1,200 1,200	90 400	120 240	210 640		
	• •		•					
1 8	Jetty/Marine Sports Complex (Infra) Addmint Office	133.0	1,100	92 80	280 220	372 300		
	Long Jetty(pedestrian/carriage)							
	First Aid/Rescue Center	80.0	1,200	12	60	72	•	
1 9	Jetty/Marine Sports Complex (Private)			697	3,462			4,
	Caffee Terrace(200 seats) Restaurant(400 seats)	81.5 81.5	1,300 1,300	196 391	1,040 2,080	1,236 2,471	•	
	Kiosk	188.0	400	37	32	69		
	Rental Shops of Marine Sports Eq. Pro-shop	81.5 81.5	1,100 1,100	24 49	110 220	134 269		
		****	.,		-			•
1 10	Jetty/Marine Sports Complex (Public) Observation Tower	88.5	1,500	1,816 336	6,800 1,800	6,516 2,136		. 8,
	Floating Back for Marine Sports			1,000	•	1,000		
	Aquatium	80,0	2,500	480	5,000	5,430		
1 11	Major Water Recreation Complex		4	14,594	4,606	19,200		21,
	Club House Swiming Pools		1,500	13,544	3,000	3,000 13,544		94.
	Waving Pool		•				*	
	Water Slider Pool Stream Pool							
	Poolside Restaurants(200 seats)		1,300		1,040	1,040		
	Outdoor Theatre/Plaza Coffee House/Kiosk	300.0	1,100 400	1,050	550 16	1,600 16		
	Cuitee Houseintosk		400					
1 12	Transportation Center	70.4	4 000	4,487	146	4,633		5,
	Gale/Office Major Car Parking	70.0 50.0	1,000 1,000	343 2,500	100 10	443 2,510		
	Bus Terminal	114.5	1,000	1,144	10	1,154		
	Taxi Terminal	50.0	1,000	500	10 16	510 16		

Table D.8.1 Investment Cost Estimation of Tourism Facility (2/6)

(	00	je j	No.	Name of Facility	Unit Price Landscape		Construc Landscape	tion Cost (10) Building	00 Rgt.) Total	Professional Fee (1000 Rgt.)	Cost
1		1	13	Parks /Gardens		<u> </u>	11,480	262	44 002		
	4			Orchid Gardens To Penawar Observation Park	60,0 20,0	1,000	3,800	352 200	11,832 3,800		13,015
				Seaside Pedestrian Way/Decks	20.0	800 400	2,040 3,840	120 32	2,160		
		1		Cot/Fill		•	2,000	32	3,872 2,000		
1		2	0	AMMENITY SUB-CORE AREA	- e"		26,773	12,787	39,560	3,956	43,516
1		2	1	Golf Course			18,810	4,500			23,441
				Club House Golf Course(18 holes)	35.9	1,500	610	4,500	21,310 5,110		20,441
		_	_		800,000,0	3	16,200		18,200		
1		2	. 2	Shopping/Restaurant Boutiques	81.5	1,400	685	3,640	4,325	433	4,758
				Souvenior/Handicraft Shops		1,400	375	1,960	2,335		-
				Sports Equippments Foods/Beverage				,			
				Restaurants (200 seats)	81.5	1,400	179	1,120	1,299	-	
				Coffee Terrace (100 seats)	81.5	1,400	131	560	691		
1		2	3 -	Theatre	***		5,959	1,425	7,384	738	8,122
				Multi-purposa Festival Plaza Theatre(250 seats)	300.0 72.5	1,200 1,650	5,850 109	800 825	6,450 934		
		2	4	Danakilderine Olub Hotes		.,					
1		2	•	Beach/Marine Club (Infra) Addmini. Office		1,100	92 92	280 220	372 312		409
				Short Jetty(pedestrism only) First Aid/Rescue Center			·				-
						1,200		60	60		
1		2	5	Beach/Marine Club (Private) Rental Shops of Marine Sports Eq.	83.0	1 100	299	1,636	1,935		2,129
				Pro-shop	83.0	1,100 1,100	25 25	110 110	135 135		ě
				Restaurant (150 seats) Callee Terrace (100 seats)	83.0 83.0	1,400 1,400	149	840	989		
				Kiosk	63.0	400	100	560 16	660 16		
1		2	6	Beach/Marine Club (Public) Floating Beck for Marine Sports			1,000 1,000		1,000		1,100
1		2	7	Outdoor Speris			1,024	1,080	2,104	210	2,314
				Club House	90.0	1,500	134	750	884		
	. 5			Tennis Court (6 Courts) Shooting Ranges-Clay/Archery/	50,000 0 11 30.0	1,100	. 400 90	110	400 200		
				Horseback Riding	20.0	1,100	400	220	620		
í		2	8	Transportation Sub-terminal			904	226	1,130		1,243
				Car Parking Taxi Stand	53.0 54.0	1,000 1,000	583 105	20 50	603 155		-
				Bus Terminal	118.0	1,000	216	140	356		
				Kiosk		400		16	16		
1	30	٠	160	ACCOMMODATION & PARKS IN HOTEL AREA					424,427	54,244	478,671
1		3	0	HOTEL DEVT ON TO, SLANG-BALAU			31,270	179,360	210,630	27,077	237,707
1		3	ŧ	High Class Hotel(international delux)			21,360	179,200	200,560		228,630
				250 Rooms Hotel(expand to 350) 250 Rooms Hotel(expand to 350)	80.0 80.0	2,800 2,800	6,720 6,720	56,000 56,000	62,720 62,720		
				300 Rooms Hotel(expand to 400-450)	80.0	2,800	7,920	67,200	75,120		
1		3	2	Tg/Lagoon Parks	20.9	400	9,910	160	10,070	1,007	11,077
1		4	٥	HOTEL DEVT ON TO BALAU-LOMPAT			14,339	61,330	75,669	9,598	85,265
•								C4 050	67 660	8,796	76,465
1		4	1	Medium Class Hotel(International) 150 Rooms Hotel(expand to 210-250)	70.0	2,500	6,419 2,751	61,250 26,250	67,669 29,001		10,40:
				200 Rooms Hotel(expand to 250-300)	70.0	2,500	3,668	35,000	38,668		
1		4	2	Tg/Lagoon Parks	23.8	400	7,920	80	8,000	800	8,800
1		5		HOTEL DEVT ON TO LOMPAT-PENAWAR			18,506	110,862	132,368	16,995	149,383
•		•		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			11,536	110,750	125,286	16,287	141,573
1		5	1	Medium Class Hotel(International) 100 Rooms Expansion	70.0	2,500	1,834	18,000	19,834		
				Renovation of Golf Hotel	70.0	2,500	4,592	43,750	3,000 48,342		
				250 Rooms Hotel(expand to350) 280 Rooms Hotel(expand to350-400)	70.0	2,500	5,110	49,000	54,110		
1		5	2	Tg/Lagoon Parks	25.9	490	6,970	112	7,082	708	7,790
•		6	ö	OTHER LANDSCAPING AREAS					5,760	576	6,336
•		•							2,160	216	2,376
1		6		Beachside Promnade(intra.easement)					3,600		
1		₿.	5	Jungle Trecking Courses Lowland Forest Course					1,200	)	, 0,500
			٠	Swamp Forest Course Beach Forest Course					1,200 1,200		

Note: \* 1 - Unit price of one court
\* 2 - Construction cost of all the pools
\* 3 - Unit price of one course

Table D.8.1 Investment Cost Estimation of Tourism Facility (3/6)

Code	No.	Name of Facility		(Rgl.) Building	Landscape	ion Cost (100 Building	Total	ofessional Fee 000 Rgt.) (	investment Cost 1000 Rgt
2 0	0	DAYTRIPPER/DAILY ACTIVITY ZONE			143,424	80,084 2		22,351	245,85
2 1	0	TO, BERUNGKOR GATE AREA			8,115	38,252	46,367	4,537	51,00
2 1	-1	Tg. Berungkor Ferry Jetty			6,986	678	7,642	784	8,40
		Jetty							1.0
		Terminal Building Gate/Monument Plaza		+ 5 +	6,780		6,780		
		Tourist Information		1,100	2*	110	134	•	
		Souvenior Shop/Kiosk (10 Shops)		600	5.5	48	70		
		Teavel Agents/Airline Offices		900	5.5	203	258		
		Bankvinsurance office	81.0	900	12	45	57		
		Post Office		900	12 49	45 180	57 229		
		Renta Cycle Shop Money Exchanger		900 900	12	45	57		
1	2	Shopping Promnade(15 Shops)	83.0	1,100	249	1,100	1,349	135	1;4
•	•	Boutiques .		.,					
		Souvenior/Handicraft Shops							
		Sports Equipments Shops Food/Beverage Shops							
		Game Center			1				
1	3	Transportation Terminal			800	36,476	37,375	9,738	41,1
		Car Parking		1,000	500	10	510		
		Taxi Stand		1,000	50 218	10 40	60 256		·
		Bus Terminal Office/Waiting Room		1,000	134	400	534	+,	
		Kiosk		400		18	16		
		Mono Rail			•	36,000	36,000		
2	0	TG, BERUNGKOR MARINE SPORTS AREA		•	25,113	16,390	41,503	4,150	45,
2	1	Marine Sports Complex			24,223	4,530	28,753	2,875	31,
•	•	Club House	66.0	1,300	360	2,600	2,960	•	
		Restaurants (200 seats)	67.0	1,100	148	880	1,028		
		Swimming Pool		1,300	2,025	650	2,675		
		Marina Repair House		800	21,600 90	` 400	21,600 490		
						44 880	12,750	1,275	14,
2	2	Bt.Berungkor Hill Restaurant Restaurants(450 seats)		1,300	890 890	11,880 5,460	6,350	1,273	, 7,
		Coffee Shops(200 seats) First food Shops						÷ :	
		Kiosk Plaza							
		Cable Car				6,400	6,400		
3	0	RECREATIONAL ACTIVITIES AREA			88,270	7,820	96,090	9,609	105,
3	1	Major Fun Park			88,270	7,820	98,090	9,609	105.
		Administration Office		1,100		550	- 550		
		Gate/Entrance		ممتر د			0.040		
		Restaurants (800 seats) Caffee Terrace (800 seats)		1,200 1,200		3,840 2,880	3,840 2,880		
		Evert Plaza				2 7		·	
		Outdoor Theatre Mono Rail		1,100		550	550		
		Roller Coaster							1
		Ferris Wheel							
		Parachutel Other Equipments							
	_				15 044	A AAA	25 444	2,513	27,
4	0	INLAND SPORTS AREA			15,211	9,920	25,131	and the second	
4	1	Golf Course Club House	35.9	1,400	13,210 610	4,200 4,200	17,410 4,810	1,741	19,
		Golf Course(18 holes)		.,-00	12,600	-,	12,600		
4	2	Indoor Sports Complex	-		341	2,250	2,591	259	2,
•	-	Club House	45.5	1,300	6.8	650	715		
		Gymnusium Squash Courts		800 800	205 68	1,200 400	1,405 468		
		•	73.9	, 000	- '				5,
4	3	Outdoor Sports Complex Club House	89.3	1,300	1,660 134	3,470 650	5,130 784	513	5,
		Tennis Courts(8)		.,	800		800		
		Indoor Tennis Court(3)		900		2,520	2,520		
	-	Badmington Courts(6)	18,000.0 #2		216		218		
		Athletic /Jogging	20.0		20		20		•
		Shooting Ranges(archery/others)	30.0	1,000	90	100	190		

Table D.8.1 Investment Cost Estimation of Tourism Facility (4/6)

Co	*	No.	Name of Facility		Unit Price Landscape	(Agt.) Building	Construc Landacape	ion Cost (1000 Building	figt.) Total	Professional Fee (1000 Rgt.)	Investment Cost (1000 Rgt.
2	5	0	ORCHARDORCHID GARDENS	1.0			4,250	752	5,002	500	5,50
2	5	1	Orchard Gardena		•	÷	2,600	376	2,976	298	3,274
٠.			Research/Ad	dmini Station		900		360	360		0,20
				Nursery	20.0		200		500		
				Orchards	30.0		2,400		2,400		
			Coffe	<ul> <li>Shop/Kiosk</li> </ul>		400	-	.16	18		
2	5	2	Orchid Garden				1,650	376	2,028	203	
			Research/Ad	dmini Station		900		360	360		2,221
				Nursery	60.0		300	200	300		
				Orchid Garden	90.0		1,350		1,350		
			Cotte	e Shop/Kiosk		400	.,	16	1.030		
2	6	0	LAKESIDE PARKS				2,465	6,950	9,415	942	10,35
2	6	1	Lakesida Park				1,000	1,090	2.090	209	2,29
			Addminis	tration Office	60.0	900	36	180	216		2,20
			Sightseeing/S	trolling Path	2		798		79€		
			Rest House/KipsivLakesio	ie Restaurant	80.0	1,300	168	910	1,078	ı	
2	6	2	Bird Sanctuary				1,192	1,680	2,872	287	3,15
-	Ĭ.	. –	Research/Ad	idmini Station	80.0	900	36	180	216		0,10
			Sightseeing/S	trolling Path			781	•	781		
	-			Cages of Birds	50.0	600	375	1,500	1,875	•	
2	6	3	Insect Gardens	••			273	4,180	4,453	445	4.89
-	•			idmini Station	60.0	900	36	180	210		4,01
				terliv Garden		1,000	117	2,000	2,117		
				leattle Garden		1,000	80	1,000	1,060		
	è		_	rs (Reptiles)		1.000	60	1,000	1,060		

Note: # 1 - Unit price of one course # 2 - Unit price of one court

Table D.8.1 Investment Cost Estimation of Tourism Facility (5/6)

Co	de I	Ho,	Name of Facility	Unit Pri	e (Rat.) Building	Landscape	Building	Total	Professional Fee (1000 Agt.)	Investment Cost (1000 Rgt.
3	0	0	BANDAR PENAWAR SERVICE TOWN			11,944	64,670	76,614		\$4,27
3	1	Ö	TOWN CENTER			252	1,010	1,282	128	1,388
3	•	1	Public Facilities			252	1,010	1,282		1,386
•	•	•	Fire Brigade Cente	er 76.0	800	114	400	514		1,001
			Hospite	el 75.0	900	114	450	- 564		
			Police Statio		800	12	80	92		
			Post Offic	e 60.0	800	12	80	35		
3	2	0	SUPPORTING INDUSTRIAL AREA	• •		8,000	270	6,270	627	6,89
3	2	1	She Preparation							
3	2	2	Nursary			6,000	270	6,270	627	8,89
•	•	•	Offic	a 60.0	900	9	45	54		-,
			Shade Hous		600		120	120	1	
			Workshops/Storag		700	5,991	105	6,096		
3	3	0	BANDAR PENAWAR ART CENTER		•	592	3,190	3,782	376	4,16
3	3	1	Headquater		4.0	184	990	1,174	117	1,29
,	3	٠	Addministration Office	68.9	1,100	62	330	392		
			Research Center		1,100	61	330	391		
			Meeting Hal		1,100	61	330	391		
						408	2,200	2,608	261	2,8
3	3	2	Dance/Music Center	.հ 53.5	1,100	204	1,100	1,304		-10.
			Traditional Performance Research		1,100	204	1,100	1,304		
			Training/Exhibition	55.5	1,100	201	1,100	1,504	÷ :	
3	4	0	RESIDENTIAL AREA FOR HOTEL EMP		-	5,100	60,200	65,300	6,530	71,8
3	4	1	Residential		100	5,100	60,200	65,300		71,8
	•		Housin		449	1,160	52,100	53,260		
			Community Facilities	60.0	900	1,540	8,100	9,640		•
			Rox			2,400		2,400	) ' '	**

Table D.8.1 Investment Cost Estimation of Tourism Facility (6/6)

Code	No	. Name of Facility	Unit Pri	Buitding	Landacape	tion Cost (10)	Total	ofessional Fee	Investment Cost
			<del></del>	***************************************	, F. A				(1000 Rel
4 0	0	OTHER TOURISM ACTIVITY ZONES			3,968	9,512	13,478	1,346	14,82
4 1	0	LEBAM RIVER TOURISM AREA	•		1,144	2,820	3,984	396	4.36
1 1	1	Rubber Museum			624			-	
		Museum	100.0	1,300	300	2,260 1,300	2,884	288	3,17
		Outdoor Exhibition Area			120	1,300	1,600 120		
	٠,	Colonial Style Restaurant(200 seats)	85.0	1,200	204	960	1,164		
1	5	River Cruising			50	270	320	**	_
		Addministration office		900	20	90	110	32	3
		Kiosk/Pro-shop for River Fising Jetties		1,200	30	180	210		
. 1	_	Out of the October							
1	3	Crocodie Garden Resarch/Addmini Center			470	290	760	76	8
		Nursery		900	18	90	108		
		Garden(with Fence)		1,000	60 392	200	260		
			03.4		285	٠	392		
2	0	SANTI RIVER TOURISM AREA			251	1,660	1,911	191	2,1
2	1	Oil Palm Museum			251	1,680	1,811	191	2.1
		MuseunyAddmini Office	70.0	1,300	126	1,300	1,426		-,.
		Caffee Terace/Kiosk		1,200	65	360	425		
		Ouldoor Exhibition Area	30.0		60	÷	60		
3	0	JOHOR LAMA HISTORICAL PARK AREA			1,117	976	2,093	209	2,3
Э	1	Johor Lama Historical Park			600	256	856	86	ş
		Park Office/Presentation Room	. 60.0	1,200	36	240	276	• • •	•
		Sights seing Path/Landscaping	55.2		552		552		
		Rest House/Kiosk	70.0	400	12	16	28		
3	2	Kg. Sengat Seafood Restaurants		•	517	720	1,237	124	1,3
		Restaurant(150 seats)		1,200	135	720	855		
•		Landscaping of the Town	19,1.		382	•	382		
4	0	TG, PENGERANG/SOUTH BEACH	. *		1,454	4,056	5,510	551	6.0
4	1	To Pengerang Historical Park			104		200		•
•		Observation Place/Rest Houses/Kiosks		400	124	96 96	220 96	22	2
		Sightseeing PatfvLandscaping	70.5	400	124	30	124		
4	2	South Beach Beautification			1,230	3,600	4,830	483	5,3
•	-	Sealood Restaurant Swquare	80.0	1,000	648	3,600	4,248	400	3,4
		Roadside Beautification			582	-1	582		•
4	. 3	Pulau Lima Fishing Island			100	360	460	46	
		Addmint, Office	60.8	900	73	180	253		
		Pro-shop/Kiosk Jetties on Tg.Penyasop/Islands	60.0	1,200	27	180	207		

### Appendix-E

### Validity Analysis

In this Appendix E, calculation of project return, cash flow, and profit and loss statement are shown for financial analysis, while the economic analysis estimation processes of economic costs and economic benefit of the project are shown.

In preparing cash flow analysis, depreciation cost and loan repayment expenditure are taken into account. Those are calculated based on the following assumptions:

#### Depreciation

## Depreciation Periods

30	years	60%	of	the	total	cost
15	years	20%	of	the	total	cost
5	years	10%	of	the	total	cost

Since concept of depreciation is not well defined, prevailing cases in Japan and U.S. are referred. Distribution of total cost to each depreciation period category is based on the material composition share. Concrete structure is categorised into 30 year depreciation item while furniture etc. are categorised into 5 years. Remaining are set out for 15 year depreciation items.

#### Loan Repayment Expenditure

Capital : Equal amount repayment during the repayment period

Interest: Remaining loan amount is subject of interest.

Condition A: for hotel development

Interest : 7%
Repayment period : 15 years
Grace period : 3 years

Condition B: for public sector and J.V.

Interest : 3%
Repayment period : 25 years
Grace period : 7 years

Condition B is set according to a governmental concessional loan of Japan.

Table E.1.1 Revenue of the Public Sector

	GUEST-NIGHTS		į	٠,					-			RCCMSALES (million Rgt.)				. :
HOTEL (M-7) 280 RM	HOTEL (H-1) HOTEL (H-2) 250 RM 250 RM		HOTEL (H-3) HOTEL (M-1) HOTEL (M-2) HOTE: 300 RM 150 RM 200 RM 2	OTEL (M-1) HO 150 RM	)TEL (M-2) H 200 RM	OTEL (M-3) HC 234 RM	I. (M-3) HOTEL (M-4) HOTEL (M-5) HOTEL (M-6) HOTEL (M-7) 234 RW 100 RW 105 RW 250 RW 260 RW	77EL (M-5) H 105 RM	OTEL (M·6) HO	OTEL (M-7) 260 RM G	IL (M-7) TOTAL 280 RM GUEST-NIGHT	HOTEL (H-1) H 250 RM	HOTEL (H-2) H 250 RM	HOTEL (H-3) HOTEL (M-1) HOTEL (M-2) 300 RM 150 RM 200 RM	)TEL (M-1) HO 150 RM	TEL (M-2) 200 RM
																.
0.00		0	0	0	0	0	0			8	0	0.000	0.000	0.000	0.000	0.000
0.00	0	0	0	0		0	o	0	0	0	0	000.0	0.000	0.000	0.000	0.000
00.0	0	•	0	0	0	81,994	32,850	26,828	0	0	141,671	0.000	0.000	0.000	0,000	0.000
0.00	0	0	G :	<b>Ω</b>	0	85,410	35,040	28,361	٥	٥	148,811	000.0	0.000	0.000	0.000	0.000
0.0	9	5	0	6	0	90 535	36,500	30,660		0	157,695	0,000	0.000	0:000	0.000	0.000
0.45	78.475	78,475	0	<b>0</b> :	0 (	93,951	38,690	32,960	82,125	91,980	496,656	15.695	15.695	0.000	0.00	0.000
0.50	87,600	87,600	0	<b>o</b> !	0 ;	97,367	40,150	32,860	91,250	102,200	539,127	17.520	17.520	0.000	0,000	0.000
0.52	96,725	96,725	94,170	47,917	65,700	97,367	40,150	32,960	94,900	106,288	772,902	19,345	19.345	18.834	8.625	11.826
0.60	109,500	109,500	105,120	52,560	70,080	102,492	43,800	36 792	109,500	122,640	861,984	24.090	24.090	23.126	10.512	14,016
0.65	118,625	118,625	116,070	58 035	77,380	111,033	47,450	40 625	118,625	132,860	939,328	26,098	26.098	25.535	11.607	15.476
0.70	127,750	127,750	131,400	65,700	87,600	119,574	51,100	45,990	127,750	143,080	1,027,694	28.105	28.105	28.908	13.140	17.520
0.70	127,750	127,750	142,350	71,175	94,900	119,574	51,100	49,823	127,750	143,080	1,055,252	28,105	28,105	31.317	14.235	18.980
0.70	127,750	127,750	159,300	76,650	102,200	119,574	51,100	53 655	127,750	143,080	1,082,809	28,105	28.105	33.726	15,330	20.440
0.70	127,750	127,750	153,300	76,650	102,200	119 574	51,100	53 655	127,750	143.080	1,082,809	30,660	30.860	36.792	16.863	22.484
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	30,660	30.660	36.792	16.863	22,484
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	30,660	30.860	36.792	15.863	22.484
0.70	127,750	127,750	153,300	76,650	102,200	119.574	51,100	53,655	127,750	143,080	1,082,809	30.660	30.860	36.792	16,863	22,484
0.70	127,750	127,750	153,300	76,650	102,200	119 574	51,100	53,655	127,750	143,080	1,082,809	30,660	30.660	36.792	16.863	22,484
0.70	127,750	127,750	153,300	76,650	102,200	119.574	51,100	53,655	127,750	143,080	1,082,809	33.215	33.215	39.858	18,396	24.528
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	33.215	33.215	39.858	18.396	24.528
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	33.215	33.215	39,858	18.396	24.528
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	33.215	33.215	39.858	18,398	24.528
0.70	127,750	127,750	159,300	76,650	102,200	119,574	51,100	53 655	127,750	143 080	1,082,809	33.215	33.215	39,853	18.396	24.528
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	35.770	35.770	42.954	19.929	26.572
0.70	127,750	127,750	153,300	76,650	102,200	119.574	51,100	53,655	127,750	143,080	1,082,809	35.770	35.770	42.924	19.929	26.572
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	35.770	35.770	42.924	19.929	26.572
0.70	127 750	127,750	153,300	76,650	102,200	119 574	51,100	53,655	127,750	143,080	1,082,809	35.770	35.770	42.924	19.929	26,572
0.70	127,750	127,750	153,300	76,650	102,200	119 574	51,100	53,655	127,750	143,080	1,082,809	35.770	35.770	42.924	19.929	26.572
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	38.325	38,325	45,990	21.462	28.616
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	38,325	38.325	45.990	21,462	28.616
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	38.325	38,325	45,990	21.462	28.616
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	38.325	38,325	45,990	21,462	28.616
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	38,325	38.325	45.990	21.462	28.616
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	40.880	40.880	49.056	22,995	30.660
0.70	127,750	127,750	153,300	76,650	102,200	119,574	51,100	53,655	127,750	143,080	1,082,809	40.880	40.880	49.056	22.995	30.660

				-	ATDT A PO	FOTE LAND	HOTE SERVICE	HOTEL BUSINESS TAX EXPENDITURE (million Agr.)	TAX EXPENDITUF	₩.						
HOTEL (M-3) HOTEL (M-4) HOTEL (M-5) HOTEL (M-6) HOTEL (M-7) 234 RM 100 RM 105 RM 250 RM 280 RM	100 RM	IOTEL (M-5) H	OTEL (M-6) HC 250 RW	OTEL (M-7) 280 AM	HOTE SAMES	REAT	¥		HOTEL (H-2) HOTEL (H-3) HOTEL (M-1) HOTEL (M-2) HOTEL (M-4) HOTEL (M-5) HOTEL (M-5) HOTEL (M-5) SS	TEL (H-3) HO 300 RM	TEL (M-1) HO 150 RM	TEL (M-2) HOT 200 RM	TEL (M-3) HC 234 RM	77EL (M-4) HO 100 RM	TEL (M-5) HO 105 RM	TEL (M-6) 250 RM
2			!			% e	2%	32%								
0.000	0000	000.0	0.000	000.0	0.0	000.0	0.000	0.000	0.00	0.000	0.000	00010	0,000	0,000	0.000	0.000
0000	0.000	0.000	0.000	0.000	0.0	0000	0.000	0.000	0.000	0,000	0.000	0000	0.000	0000	0.000	0.000
13,939	5,585	4.561	0.000	0000	24.1	0.723	1.204	0.000	0.000	0.000	0.000	0,000	4.460	1.787	1.459	0.000
14.520	5.957	4.821	0.000	0.000	25.3	0.759	1.265	0.000	0.000	0.000	0.000	0,000	4,646	1.906	1.543	0.000
15.304	6.205	5.212	0000	0000	28.8	7 20 4	040.4	0.000	0.00	000.0	900	000	4,925	3 405	703	0.000
272 21	0.57	0 K	14.763	10,000	n ac	2.965	4 942	5.608	5.606	000	000	000	297	2.184	793	12.05
18.55	828	5.603	17.082	19.132	143.2	4.295	7,159	6,190	6.190	6.027	2.760	3.784	5,297	2,184	1.793	5.486
19.473	8,322	066.8	21,900	24.528	177.0	5.311	8.852	7.709	7.709	7,400	3.384	4,485	6.232	2.663	2.237	7,008
21.096	9.016	7,719	23,725	26.572	192.9	5.788	9.647	8.351	8.351	8.171	3.714	4.352	8.751	2,835	2.470	7.592
22,719	8.709	8 738	25.550	28.619	211.3	6.333	10.556	8,994	8.994	9.251	4,205	5.606	7.270	3,107	2.796	8.176
22.719	9.708	9.466	25,550	28.615	215.8	6 504	10,840	8.994	8.994	10.021	4.555	6,074	7.270	3.107	3.029	8.176
22.719	9.709	10,194	25,550	28.616	222,5	6.675	11.125	8,994	8.994	10.792	4.906	6.541	7,270	3.107	3.262	8.176
25.111	10,731	11,288	28,105	31.478	244.2	7,325	12,208	9.811	9.811	11.773	5.398	7,195	8.035	3,434	3.606	8.994
25.111	10,731	11.268	28,105	31.478	244.2	7,325	12,208	60	9.811	11.773	5.396	7,195	8.035	3.63.6	3.608	994
25.111	10.731	11.268	28,105	31.478	244.2	7 325	12.208	9,811	9.811	11,773	5,396	7.195	8.035	3,434	3.606	8.994
25.111	10,731	11.288	28,105	31.478	244.2	7.325	12.208	9.811	9.8	11.773	5.396	7.195	8,035	3,434	3,606	8.594
25.111	10,731	11.268	28,105	31.478	244.2	7.325	12.208	9.811	9.811	11.773	5.396	7.195	8,035	3.434	3,606	200.00
27.502	11.753	12.341	30,660	34,339	265.8	7.874	13.290	10.629	10.629	12.755	5.887	7,849	8.801	3,767	0,00	50 6
27 502	11.753	12.341	30,660	34,339	265.8	1 874	3.290	10.629	10.629	12.755	7.007	7.049	200	3 / 6	7000	0 0
27.502	11.753	20.04	30.660	30 00 00 00 00 00 00 00 00 00 00 00 00 0	265.6	1074	13.280	10.629	10.629	12.755	7000	7.049	0.00	3.761	9.00	8.0
27 502	00/11	10.54	20.00	04.00	265.8	4767	3.290	10.629	10.629	12.755	5.887	7.849	8.801	3.761	3,949	9,811
29.894	12.775	4.4	33.215	37.201	287.5	8.624	14.373	11,446	11.446	13.736	5.377	8.503	9.566	4.088	4.292	10.629
29.834	12,775	13.414	33,215	37,201	287.5	8.624	14.373	11.448	11.446	13,736	6.377	8.503	9,566	4 088	4.292	10.628
29.894	12,775	13.414	33.215	37.201	287.5	8 624	14.373	11.446	11 446	13.736	6.377	8.503	9.566	4,088	4,292	10.629
29.894	12,775	13.414	33.215	37.201	287.5	8.624	14.373	11.446	11.446	13.736	6.377	8.503	9.566	4,088	4.232	10,629
29.894	12,775	13.414	33.215	37.201	287.5	8.624	14,373	11.446	11.446	13.738	6.377	8.503	9.566	4,088	4.282	10.629
32.285	13.797	14.487	35,770	40.062	309.1	9.274	15,456	12.264	12.264	14.717	6.868	9.157	10,331	4.415	4,636	11.446
32,285	13,797	14.487	35,770	40.082	308.1	9.274	15,456	12.264	12.264	14.717	6.868	9 157	10,331	4 415	4.636	11.446
32.235	13,797	14.487	35,770	40.062	309.1	9 274	15,456	12.264	12.264	14,717	6.868	9.157	10.331	4.410	4.636	34.6
32.285	13.797	14.487	35.770	40.062	309 1	9.274	15.456	12.264	12.264	14,717	6,868	9,157	10.331	4,4	4.635	11,440
32.285	13.797	14.487	35.770	40.062	309.1	9.274	15,456	12.264	12.244	14.7.4	9.60	) n	7997	4 4	4.000	130.01
34.676	14.819	15.560	38.325	42.924	330.8	9 629	16.539	33.062	13.082	0000	1,000	50.00	000	247.4	4.070	12.254
34.676	4.819	15,580	38,325	42,924	330.8	אור אור אור	10.038	13,052	13.002	020.0	900	1 0 n	080	1		
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		ხ	UNIT (Agt/person/day)	!	EXPENDITURE			95 5	£.8						
HOTEL (M-7) 280 RM	<b>₹</b> ₽₹	HOTE. BUSINESS TAX	HOTEL QUEST	DAYTRIPPER HOTEL GLEST	HOTEL CLUEST	DAYTRIPPER	A TOTAL		¥.	1. O'L PALM MUSIUM - RUBBER MUSIUM LINE FAPE FAPE FOR PASSENCER WAY FAPE FOR	- RUBBER M FAPE MS		NE FAREEARNING RORYEAR (million MS)	2. AMENITY CORE INNER CIRCA PASSENCER WAY	H. A.
	}	444.7	٥	6				%6	. 2%		•			: .	•
0.00	0.000	0.000	100	35	0.000			00.00	0.000	0	۰	2,00	0,000	o	"
0.000	0.00	0.00	100	35	0,000	0000	00000	0.000		0	0	2.00	0.000		J
0.000	7.707	0.000	100	35	6.160			0.218		•	0	2.00	0.000		J
0.000	8.095	0000	100	35	6.470	•	"	0.697		•	0	2,00	000.0		٥
0.000	8.579	0000	100	9	6.856	N		0.915		0	0	2,00	0.000		
5.298	29.082	0.000	100	35	21,594			2.301		•	0	2.00	0.000		u
5,887	31.629	0.000	100	35	23,440	e.		2.675		0	0	2.00	0.000		J
6.122	45.814	0.000	100	35	33.060		-	3,631		0	0	2,00	0.000		J
7.849	56.655	0.000	100	ю 0	37.478		-	3.879		420	61	2.00	0.613		*-
8.503	61.741	0.000	100	9	40.840		-	4.035		420	8	2.00	0,613		+-
9.157	67.555	30,400	100	35	44.682	95.540		4.207		420	73	2.00	0.613		*-
9.157	69.377	31.220	100	9 13	45,381	17,451	•	4.300	7.167	420	cv	2.00	0.613		-
9.157	71,198	32.039	100	9		99.400	•	4.394		420	01	2.00	0.613	4,000	•
16,073	78.128	35.158	100	9	47.079	101,388	•	4.454	7.423	420	QI	2.00	0.613	4,000	-
10,073	78.128	35,158	100	30	47.079	103.415	τ-	4.515		420	N	2.00	0.613	4,000	•
10.073	78.128	35.158	100	9		105.484	•-	4.577		420	€.	2.00	0,613	000,4	-
10.073	78.128	35.158	100	30	47.079	107.593	Ψ-	4.640		420	N	2.00	0.613	4,000	
10.073	78.128	35.158	100	S	h	109.745	-	4.705	7.841	420	∾.	2.00	0.613	000,4	,
10.989	85.058	38.276	100	9	47.079	111.940	-	4.77		420	OI :	2.00	0.513	4,000	p ,
10.989	85.058	38.276	100	ທີ		114.179	-	4.838		0.00	01 (	2.00	0.613	000	
10.989	85.058	38.276	100	35	47.079	116.463	-	4,906		420	Ni	2.00	0.613	4,000	
10.989	85.058	38.276	100	35		118.792	_	4.976		420	οι -	2.00	0.613	4,000	•
10.989	85.058	38.276	100	92	47.079	121.16	-	5.047		420	cv	2.00	0.613	4,000	_
11.904	91,988	41,395	100	32	47.079	121.168	-	5.047	. •	420	N	2.00	0.613	4,000	
11.904	91.988	41.395	100	35	~	121.168	•	5.047		420	CI	2.00	0.613	4,000	•
11.904	91,988	41.395	100	35	47.079	121,168	**	5.047	8.412	420	8	2.00	0.613	4,000	•
11.904	91.988	41,395	100	35		121.16	•	5.047		420	œ	2.00	0.613	4,000	
11.904	91.988	41.395	100	35		121.168	•	5.047		420	Ø	2.00	0.613	4,000	•
12.820	98,918	44.513	100	35		121.16	168.246	5.047		420	C)	2.00	0,613	000 7	-
12.820	98,918	44,513	100	93	47.079	121.16		5.047		420	61	2.00	0.613	4,000	•
12.820	98.918	44.513	100	35		121.168	-	5.047		420	Q,	2.00	0.613	4,000	*~
12.820	98.918	44,513	100	32	47.078	121,168	•-	5.047		420	8	2.00	0.613	4,000	•
12.820	98,918	44.513	100	35		121.168	•	5.047		420	Q	2.00	0.613	4,000	•
13,736	105.848	47.632	100	35		121,168	168.246	5,047		420	ď	2.00	0.613	4,000	1-
		0000	*	50	870 78	121,168	168 246	5.047	8 4 2	420	^	2 00	0.613	- COO T	•

Charles   Wassengers   Wassengers   Wassengers   Charles   Charl	(million M\$) (M\$ ) (million M\$)	000000000000000000000000000000000000000	FOR YELL	TAXRAT	Ä	FARE		3	
TATANTALE   15   15   15   15   15   15   15   1	0.000 0.0000 0.0		3300000	TAX PAT			PEVENUE		NO OF USER
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0.000	0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 1,460 4,00 2 5,00 1,460 4,00 2 5,00 1,460 4,00 1,460	00000000000000000000000000000000000000				5	2,060	0.103	291,423
1,460	0.000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.000000 0.00000 0.00000 0.000000 0.00000 0.00000 0.000000 0.00000 0.00000 0.000000 0.000000 0.0000000 0.00000000	00000000000000000000000000000000000000				<u> </u>	2.809	0.140	392,423
	1.460 400 2 5.00 1.460 1	000000000000000000000000000000000000000	3.3+	٠,		Ω.	6.780	0.338	960,077
1,000   1,00	1.460 400 2 5.00 1.460 1	> 000000000000000000000000000000000000	<b>,</b> •			n u	0867	0.399	1,126,249
1	1,460 400 2 5.00 1,460 1	000000000000000000000000000000000000000					10.860	2000	1,048,960
1460   400   2   5   6   6   6   6   6   6   6   6   6	1,460 1,460	400 400 400 400 400 400				) VI	11.690	584	1 564 815
1460   400   2   500   1460   400   2   400   1686   4,701   0.255   815,854   15   12,259   0.615     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,310   15   12,579   0.625     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,310   15   12,579   0.625     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   12,209   0.650     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   12,209   0.650     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   13,405   0.650     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   13,405   0.650     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   13,405   0.650     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   1168   4,701   0.255   815,657   15   14,405   0.704     1460   400   2   5.00   1460   400   2   4.00   116	1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460 1.460	400 0004 0004 0000 0004	•			1	12.046	0.602	1,722,313
1460   400   2   5 00   1480   400   2   4 00   1186   4 701   0.255   551.310   15   12.557   0.628   1460   400   2   5 00   1480   400   2   4 00   1480   4 701   0.255   551.310   15   12.757   0.648   1460   400   2   5 00   1480   4 00   1480   1	1.460 400 2 5.00 1.460 1.460 400 2 5.00 1.460 1.460 400 2 5.00 1.460 1.460 400 2 5.00 1.460 1.460 400 2 5.00 1.460	400			:	10	12.299	0.815	1,759,197
1460	1,460 400 2 5,00 1,460 1,460 400 2 5,00 1,460 1,460 400 2 5,00 1,460 1,460 400 2 5,00 1,460	400	Ψ.			15	12,557	0.628	1,796,625
1460	1.460 400 2 5.00 1.460 1.460 400 2 5.00 1.460 1.460 400 2 5.00 1.460					15	12.770	0.638	1,825,025
1,460	1,460 400 2 5,00 1,460 1,460 400 2 5,00 1,460 1,460 400 2 5,00 1,460	400	-				12.987	0.648	1,853,983
1,460	1.450 400 2 5.00 1.460 1.460 400 2 5.00 1.460	400	<b>.</b> ~ v				13.209	0.660	1.883,540
1460	001 7 001	004	+			4 V ñ	13.430	0.672	3,913,678
1,460         4,00         2         4,00         1,168         4,701         0.235         942,877         15         14,140         0.707           1,460         4,00         2         4,00         1,168         4,701         0.235         958,838         15         14,385         0.719           1,460         4,00         2         4,00         1,168         4,701         0.235         958,838         15         14,385         0.714           1,460         4,00         2         4,00         1,168         4,701         0.235         952,596         15         14,889         0.744           1,460         4,00         2         4,00         1,168         4,701         0.235         992,596         15         14,889         0.744           1,460         4,00         2         4,00         1,168         4,701         0.235         992,596         15         14,889         0.744           1,460         4,00         2         4,00         1,168         4,701         0.235         992,596         15         14,889         0.744           1,460         4,00         2         4,00         1,168         4,701         0.235         992,59	1 460 400 2 400 1 460	400				, un	13 900	0.695	1 975 775
1,460         4,00         2         4,00         1,168         4,701         0,255         958,988         15         14,84         0,719           1,460         4,00         1,460         4,00         1,168         4,701         0,235         975,625         15         14,634         0,732           1,460         4,00         2         4,00         1,168         4,701         0,235         975,625         15         14,634         0,732           1,460         4,00         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         4,00         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         4,00         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         4,00         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         4,00         2         4,00         1,168         4,701         0,235         992	1,460 400 2 5,00 1,460	000	•			2	14.140	0.707	2,007,758
1,450         400         2         4,00         1,68         4,701         0,235         975,625         15         14.834         0,732           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14.839         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14.889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14.889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14.889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14.889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14.889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596	1.460 400 2 5,00 1,460	400 2	***			Å.	14,385	0.719	2,040,381
1,460         4,50         1,460         4,50         1,460         4,50         1,460         4,50         1,460         4,50         1,460         4,50         1,460         4,701         0,235         992,566         15         14,889         0,744           1,460         4,00         2         4,00         1,68         4,701         0,235         992,566         15         14,889         0,744           1,460         4,00         2         4,00         1,68         4,701         0,235         992,566         15         14,889         0,744           1,460         4,00         2         4,00         1,68         4,701         0,235         992,566         15         14,889         0,744           1,460         4,00         1,68         4,701         0,235         992,566         15         14,889         0,744           1,460         4,00         2         4,00         1,68         4,701         0,235         992,566         15         14,889         0,744           1,460         4,00         2         4,00         1,68         4,701         0,235         992,566         15         14,889         0,744           1,460         4	1,460 400 2 5.00 1.460	400	<b>~</b>			15	14.634	0.732	2,073,656
1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596	1.460 400 2 5.00 1	400	**		1.	15	14.889	0.744	2,107,596
1,460 400 2 5,00 1,460 400 2 4,00 1,68 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 5,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 5,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 5,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 6,00 1,460 400 1,460 1,460 400 1,460 1,460 400 1,460 400 1,460 400 1,460 400 1,460 400 1	1.460 400 2 5.00 1	400					14.889	0.744	2,107,596
1,500	1,460 4,00 2 5,00 1	400			. 7	in i	14.883	0.744	2,107,595
1.60 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 6.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 6.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 6.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 6.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 6.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 6.00 1.460 400 2 6.00 1.460 400 2 6.00 1.460 400 2 6.00 1.460 400 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 1.168 4.701 0.235 992,596 15 14.889 0.744	7.650 400 2 5.00	200	- <b>,</b>			n 4	2004	7.7	080' /0''7
1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596         15         14,889         0,744           1,460         400         2         4,00         1,168         4,701         0,235         992,596				•		n tr	44.889	744	2 107 595
1,460 400 2 5.00 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14.889 0,744 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14.889 0,744 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14.889 0,744 1,460 400 2 5.00 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14.889 0,744 1,460 400 2 5.00 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14.889 0,744 1,460 400 2 5.00 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14.889 0,744 1,460 400 2 6.00 1,460 400 2 4.00 1,168 1,701 0,235 992,596 15 14.889 0,744	1.460 5.00					. 1	14.889	0.744	2,107,596
1,460 400 2 5.00 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 5.00 1,460 400 2 4.00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 5.00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 5.00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744 1,460 400 2 5.00 1,460 400 2 4,00 1,168 4,701 0,235 992,596 15 14,889 0,744	1,460 400 2 5.00	•			Q.	T.	14.889	0.744	2,107,596
1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744	1,460 400 2 5,00					15	14,889	0.744	2,107,596
1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992.596 15 14.889 0.744 1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744 1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744	1.460 400 2 5.00 1		-			15	14.889	0.744	2,107,596
1.460 4.00 2 5.00 1.460 4.00 1.168 4.701 0.235 992.596 15 14.889 0.744 1.460 4.00 1.168 4.701 0.235 992.596 15 14.889 0.744	1,460 400 2 5.00		-			ió i	14.889	0.744	2,107,596
1.460 400 2 5.00 1.460 400 2 4.00 1.168 4.701 0.235 992,596 15 14.889 0.744	1.460 400 2 5.00		<b>-</b>			15	14,889	0.744	2,107,596
	1.480 400 2 5.00 1		_			15	14,889	0.744	2,107,596

ION SERVICE TAX		SERVICE	RETURN AC	RETURN ACCRUING TO FACILITY USERS	CLITY USSES	ın				-				*			
		<u>∯</u> ₹9§	50	<b>FELL</b>	WATER	WATER SUPPLY				SEWERAGE SYSTEM	5	<i>ଷ</i> ପ	SOID WASTE			ELECTRICAL SUPPLY	. 1
FARE	REVENUE					Ę Ę Ę	DEMAND	CHARGE		DEMAND	O-MACCO	PEVENUE	DEMAND	SCHARGE.	REVENUE	DEMAND UNIT	
15		5%				5	(m.m3/year)	(Rgt/m3) (m		Rgt/year) (m.m3/year)	(Hgt/m3) (m	н Ядууваг)	(ton/year)	(Rgt/ton)	(Rgt/year)	HOTE. (kva/year)	(kva/year)
15	0.000	0,000		0	0	O	0.000	1,885	0.000	0.000	5.477	0.00	00.0	137.52	0.000	0	0
1.5	0.000	0.000		0	0	0	0.000	1.885	0.000	0.000	5.477	0.000	00.0	137.52	0.000	0	
1.5	6,979	0.049		0	o	393	0.141	1,885	0.265	0.100	5.477	0.550	1,147.53	137.52	0.158	405,861	59,367
<b>₹</b>	4.371	0,219		0	0	413	0.148	1,885	0.278	0.105	5.477	0.578	1,205.36	137.52	0.166	427,364	889,385
in i	5.886	0,294		0 0	0 0	437	0.156	1.885	0,295	0.112	5.477	0.6	1,277.32	137.52	0.176	452,878	1,252,730
) (A	16,894	0.845		o '0		0, 7	0.756	1,885	4.4	0.540	5.477	2.958	6.172.88	137.52	0.849	1,548,302	3,483,505
4	23.250	1,162		0		2,114	0,756	1,885	1,425	0.540	5,477	2,958	6,172.88	137.52	0.849	2,219,675	4,770,477
	24.175	1,209		o		2,114	0.756	1,885	1.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2 219,675	4,770,477
£.	24.972	1.249		0		2,114	0.756	1,885	1,425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770,477
£.	25.835	1.292		0		2,114	0.756	1.885	1,425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770,477
15	26.388	1,319		0		2,114	0.758	1.885	1.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,875	4,770,477
¥ <b>?</b>	26.949	1.347		0	0	2,114	0.756	1,885	1.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770,477
15	27.375	1,369		0	0	2,114	0.756	1.885	425	0 540	5.477	2.958	6,172,88	137.52	0.849	2,219,675	4,770,477
φ. ·	27,810	1.390		0 (	0 (	2,114	0.756	1.885	1.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770,477
n .	20.203	5.4.		5 (	<b>.</b>	2,114	907.0	1.663	624.	0.540	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	000	0,1/1,00	36.75	9.00	2,219,675	4,770,477
ት.	26.705	4, t 6, t 6, t 6, t			0 0	4 5	0.758	1,885 488 488	1.425	0.44.0	5.477	2, 4 2, 4 2, 4 3, 4 4, 4 4, 4 4, 4 4, 4 4, 4 4, 4 4	6,172,88	137.52	0.848.0 848.0	2,219,675	4,770,477
<u>, 10</u>	29.637	1.482		. 0	9 6	2 1 1 4	0.756	1.885	.425	0.540	5.477	2,958	6,172.88	137.52	0.849	2,219,675	4.770.477
5	30,116	1,506		. 0	0	2	0.756	1.885	1.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770,477
3.	30.606	1,530		o	0	2,114	0.756	1.885	1,425	0.540	5.477	2.958	6,172.88	137,52	0.849	2,219,675	4,770,477
15	31.105	1.555		0	0	2,114	0.756	1.885	1.425	0.540	5,477	2,958	6,172.88	137.52	0.849	2,219,675	4,770,477
E.	31.614	1 581		0	0	2,114	0.756	1.885	1.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770.477
φ.	4.616	1.581		0	0	2,114	0.756	1.885	.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770,477
5.	31,614	1,581		0 (	o (	2, 14	0.756	.885	.425	0.540	5.477	866.2	6,1/2.88	137,52	0.849	2,219,675	4,770,477
n :	410,15	000		o (	0 (	2,114	0.756	0.00	624.	0.940	7.4.0	2.30 0.00 0.00 0.00	6,172.88	137.52	20.00	6/9,812,2	4,770,477
2 :	4 0 1 0	00.		> 1	٠ د	4 .	0.70	0 0	, 4.	040.0	- t	000	0,172.00	20.70	9 0	6/6/3/5	11.01.
9 4	31.614	200		<b>D</b> (	0 (	2,17	0.756	1.880	1,425	0,540	7,47,0	0 00	6,172.88	137.52	20.0	2,219,675	4,770,477
. ·	4 4			•	> 0		200	0 0	0.4	2 0		9 14	00,11,00	40.00	0.00	6,6,9,0	1,70,4
n 4	9 0			> 0	o 6	- -	0.756	 	4.4	2 0 0	0.47.7 7.47.7	0 950	6,172.88	20.75	n o	0,0,0,0,0	//4'0//'4
) u	2 4 4 4	200		, c		1 1 1	75.0	200	425	0.540	5 477	858	6 172 88	137.52	944	2 2 4 9 6 7 5	4770 477
 	4.6	581		. 0	· c		0.756	1 885	1.425	0.540	5.477	2.958	6.172.88	137.52	0.849	2 219 675	4 770 477
. <u></u>	4.9.16	1.581		. 0	0	2,11	0,756	1,885	1.425	0.540	5.477	2.958	6,172.88	137.52	0.849	2,219,675	4,770,477
1.5	31,614	1,581		0	0	2,114	0.756	1,885	1.425	0.540	5.477	2.958	6,172.88	137,52	0.849	2,219,675	4,770,477

FACILITIES PEVENCE	(m Rgt/year)	0,0	0.0	<del>य</del> + ल ५	7.4	20.2	24.4	32.1	32,1	32.1	32.1	32.1	32,1	32.1	32.1	32.1	32.1	32.	32.1	32.1	32,1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	
		0.000	0000	0.343	0.381	1 201	1.304	1.869	1.869	1,869	869	869	1.869	1,869	1.869	1 869	1.869	1,869	1.869	1.869	1.869	1.869	1.869	1.869	1.869	598.	1.869	1,869	1.869	1.869	1.869	1.859	1.869	1.869	1.869	
	DOMESTIC TOTAL Rgt/year) (m. Rgt/year)	0,000	0,000	0.021	0.024	0.075	0.081	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	0.17	0.117	0.117	0.117	0.117	0.117	0,117	0.117	0.117	0.117	0.117	0.117	0.117	0.117	
	REVENUE OVERSEAS Rgt/year) (m	0.000	0.000	0.321	0.357	1.126	1.222	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1 752	1.752	1.752	1.752	1.752	1 752	1,752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	1.752	
	DOMESTIC (Rgt/time) (m	4.0	<b>7</b> 0	4 4		0.4	0.4	4.0	4.0	4,0	4.0	4.0	4,0	4.0	4.0	4,0	4.0	4.0	4.0	4.0	4.0	4.0	4,0	4.0	0.4	•	4.0	4.0	0.4	4.0	4.0	4,0	4.0	0,4	4.0	
	TARRIF OVERSEAS Rgt/time)	09	09	0 0	09	09	9	60	9	09	80	09	09	09	60	9	09	9	09	90	90	80	90	90	9	9	09	90	9	90	9	9	9	9	09	
	DOMESTIC (time/day) (	•		- ·	- <b>-</b> -	-	-	-	<b>~</b> -	•	•	•-	~	<b>-</b> -	+-	-	-	<b>-</b>	-	•	•	۴~	•	-	<u>.</u>		<b>\-</b>	-	-	-	·	÷			-	
	FRECUENCY OVERSEAS (time/day) (	ő	0	0 0	- <del>-</del>	0.1	1.0	0,4	0,7	0.1	0.1	-	0.1	Ö,	o o	0	0. T	• •	0.1	0.1	 *-	0,1	o,	0.1	0	-0	, O	0,	, 1,	0.4	0,1	, T,	0,	Ġ	0,1	
	CINE	o ·	o !	747	4 60	514	558	800	800	800	800	800	800	800	800	800	800	800	800	900	900	800	800	800	800	300	800	900	800	800	800	800	800	800	800	
TELECOMMUNICATION	PCCM	Ø	0	 	- T	514	558	800	800	800	900	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	
F÷	TOTAL	0.000	0.000	2.131	5.932	15.612	17.883	24,966	24.966	24.966	24.968	24.986	24.966	24.966	24.966	24,968	24.966	24.966	24.986	24.966	24,966	24.968	24.356	24.966	24.966	24,966	24.966	24.966	24,966	24.966	24,966	24.966	24.966	24.966	24,966	
	OTHER FACI (m. Rgyvear)	0,000	0 000	0.178	3.758	8,765	10,451	14.311	14.311	14,311.	14,311	14.311	14.311	14.311	14.911	14,311	14.311	14 311	14,311	14.311	14.311	14.311	14.311	14.311	14,311	14.311	14.311	14.311	14.311	14,311	14.311	14.311	14,311	14.311	14.311	
	틕	0.000	0,000	1.953	2.174	6,846	7.432	10.654	10.654	10,654	10.654	10.654	10.654	10.654	10.654	10,654	10.654	10.654	10.654	10.654	10.654	10.654	10.654	10.654	10.654	10,654	10.654	10.654	10.654	10.654	10,654	10.654	10.654	10.654	10.654	
	REVENUE OTHER FACI HOTEL (RG1/kwb) (m. Rg1/year)	6,0	က ပ	က က ဝ	n en	0,3	6,0	6,0	e 0	0.3	e. 0	و 0	0.3	0.3	ල ල	0 3	. 6.0	0,3	6,0	0.3	0.0	0.3	6,0	0,0	ۍ ص	6.0	0.9	6,0	0.3	0.0	0 3	0.3	0	6.0	0.3	
	TARIFF HOTEL (Agt/kwh)	0.3	හ. ර	e e		0.0	0.3	6.0	<u>0</u>	0.9	0.3	e.0	e 0	6.0	0.3	6,0	0.3	<b>၈</b>	0.3	6.0	6.0	6.0	e. 0	0.3	6.0	6,0	Θ	6.0	0.3	0.3	0.0	0	6.0	0.0	0.3	
	CYHER FACI (hour/day)	10	0	0 0	9.0	-	o r	0	10	0	0.00	ő	9	10	10	9	10	÷	0	0	40	0	0	5	-	100	2	10	0	0	10	0	10	0	2	
	DEMANDHOUR HOTEL (hour/day)	16	9	φ <b>4</b>	9	9	9	16	÷	φ	16	9.	9	9	16	9	9	9	9	9	16	9	9.	9	9	9	9	16	91	9	9	9	9	2	\$	

Table E.1.2 Profit/Loss Calculation and Cash Flow for Public Sector

Color   Colo																	
1.2		OPERATION AND ANITENANCE	GOP.	% DEPR	ECIATION NOTIUPE	8 S	NTEPEST PAYABLE	PECURPING PROFIT	ACCUMU- LATION	INVESTMENT TAX ALLOWANCE	PROFIT AFTER TAX	ACCUMUL.	PROFIT DEP AFTER EXE	PECATION	20 E	TOTAL CASH PLOW	DOW PEPAYMEN
1.0	_	4.0	4.0	0.0	0.0	4.0	0.0	0.	<b>7</b>	0.0	4.0-	4.0	4.0-	0.0	4.0	4.0-	o
2.8 2.7 445. 12.1 -9.8 4.3 -14.1 -29.2 0.0 -13.7 -29.2 -14.1 12.1 0.0 6.2 6.3 1.0 1.3 1.4 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2		7.1	4	51.6	5.7	+ 01-	4.3	-14.7	.15,1	0.0	-14.7	-15.1	-14.7	12,1	.2.5	-2.9	ò
3.3         2.7         44.5         12.1         -0.5         4.3         -1.9.7         -4.2.9         -1.3.7         -1.9.7 <t< td=""><td>_</td><td>2.8</td><td>6</td><td>45.1</td><td>2,1</td><td>8,0</td><td>4.</td><td>-14.1</td><td>-29.2</td><td>0,0</td><td>-14.1</td><td>-29.2</td><td>-14,1</td><td>12.1</td><td>2.0</td><td>4.0</td><td>0</td></t<>	_	2.8	6	45.1	2,1	8,0	4.	-14.1	-29.2	0,0	-14.1	-29.2	-14,1	12.1	2.0	4.0	0
8.0         12.2         27.9         12.1         -2.0         4.3         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -4.9         -6.2         -	٥	9.9	2.7	44.5	67	5.9	4.3	-13.7	-42.9	0.0	-13.7	-42.9	-13.7	12.1	-1.6	-6.5	0.0
8.0 12.2 66.6 12.1 0.1 4.3 6.4 5.3 0.0 4.2 -82.3 4.2 12.1 8.0 74 11.7 19.2 62.0 7.9 10.9 4.3 7.1 -96.6 0.0 7.1 -38.6 7.9 149.7 19.2 6.6 11.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.	9	7.4	16.2	57.9	2.7	9	4.3	6.2	-49.1	0.0	.6.2	-49.1	-6.2	12.1	G S	9.0-	ິວ
19.7   19.7   19.7   19.8   4.3   7.1   19.8   4.3   7.1   19.8	2	8.0	12.2	9.09	5.7	0.1	4.	4.2	53.3	0.0	.4.2	- 63.3	4.2	12.1	8.0	7.4	0
11.7   19.2   62.0   7.9   11.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   1.3   4.3   7.1   7.9   4.3   7.1   7.9   4.4   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0   7.0   4.1   7.0	ø	8.5	18.7	67.2	7.9	10.9	4.3	9.9	.46.7	0.0	9. 9	-46.7	9,6	7.9	4.4	21.8	0.0
11.9   20.5   56.5   7.6   7	œ	11.7	19.2	62.0	7.9	11.0	4.3	7.1	-39.6	0.0	7.1	-39.6	7.1	7.9	14.9	36.7	0.0
15.1   15.2   15.4   15.6	4	11.9	20.5	63,3	69.	12.7	4,3	8.4	-31.2	0,0	4.8	-31.2	8,4	7.9	16.3	53.0	ŝ
15.2   50.7   76.6   7.9   42.8   3.8   3.9   45.3   3.0   0.0   39.0   45.3   39.0   7.9   46.9   145.2   15.4   15.4   15.5	'n	15.1	49.4	76.6	7,9	41 6	4,0	37.5	6.3	0.0	37.6	6.3	37.5	7.9	45.4	98.3	5.5
15.4   51.9   77.1   7.9   44.1   3.6   40.5   15.0   6.0   46.5   131.0   40.5   7.9   45.1   45.2   45.5   7.9   45.1   45.5   7.9   45.1   45.2   7.9   45.2	æ	15.2	50.7	76.9	7.9	42,B	9.6	39.0	45.3	0.0	39.0	45.3	38.0	7,9	46.9	145.2	5.5
15.9   56.4   78.0   7.9   48.5   3.3   45.5   176.5   0.0   45.2   131.0   45.2   7.9   33.1   324.6   15.9   56.5   78.0   7.9   48.6   3.1   45.5   176.5   0.0   45.6   176.5   7.9   33.1   300.0   15.9   36.5   7.9   37.1   30.5   30.	e	15.4	51,9	77.1	60	44.1	3.6	40.5	85,8	0.0	40.5	85.8	40.5	7.9	48.4	193.6	\$.5
15.9   56.5   78.0   7.0   48.6   3.1   7.6   5.2   2.2   4.5   5.2   2.2   4.5   5.2   7.9   5.3   4.5   5.3   4.5   5.3   4.5   5.5   5.3   4.5   5.3   4.5   5.3   4.5   5.3	67	9	56.4	78.0	7.9	48.5	e.	45,2	131.0	0.0	45.2	131.0	45.2	7,9	53.1	246.6	5.5
15.6   56.5   79.1   7.6   48.7   2.6   46.5   222.4   0.0   46.5   222.4   45.6   7.9   54.0   477.7     15.9   56.6   78.1   7.6   48.7   2.6   46.5   222.4   226.2   46.5   2.6   2.6   2.6   2.6   2.6   2.7     15.9   56.7   78.1   5.0   51.7   2.4   49.2   377.9   0.0   49.2   377.9   5.0   54.0   477.7     16.4   61.2   78.8   5.0   56.3   1.9   54.4   426.3   0.0   64.4   426.3   5.0   59.0   59.0     16.4   61.2   78.9   5.0   56.3   1.9   54.4   426.3   0.0   64.4   426.3   54.7   5.0   59.0     16.4   61.2   78.9   5.0   56.3   1.9   54.4   426.3   0.0   64.4   426.3   54.7   5.0   59.0     16.4   61.2   78.9   5.0   56.3   1.4   426.3   0.0   64.4   426.3   54.7   5.0   59.0     16.5   65.9   79.6   5.0   60.0   1.0   58.4   65.3   59.1   50.0     16.5   65.9   79.6   5.0   60.0   0.2   67.1   67.3   69.3   50.0     16.6   65.9   79.6   5.0   60.0   0.2   67.1   69.3   65.2   65.0     16.9   65.9   79.6   5.0   60.0   0.2   67.1   60.2   771.4   60.2   5.0   65.2     16.9   65.9   79.6   5.0   60.0   0.2   65.3   60.0   65.3   65.0     16.9   65.9   79.6   65.0   0.0   65.3   65.3   65.0   65.0     16.9   65.9   79.6   65.0   0.0   65.3   1.0   65.3   1.0     16.9   65.9   79.6   65.0   0.0   65.3   1.0     17.4   70.3   80.1   5.0   65.3   1.0   65.3   1.0   65.3   1.0     17.4   70.3   80.1   5.0   65.3   1.0   65.3   1.1   4.4   1.1   4.3   7   1.1   4.4   1.1   4.3   6.3   5.0     17.4   70.3   80.1   1.1   1.2   1.1	4	6.0	56.5	78.0	9.7	48.6	3.1	45.5	176.5	0.0	4.00.00	176.5	45.5	7.9	53.4	300.0	5.5
15.9   56.6   78.1   7.0   48.8   2.6   46.2   208.5   0.0   46.2   208.5   7.9   54.0   47.7     15.9   56.7   78.1   5.0   56.2   2.4   46.2   37.9   0.0   64.0   371.9     16.4   61.2   78.9   5.0   56.2   2.1   54.0   371.9   0.0   64.0   371.9     16.4   61.2   78.9   5.0   56.2   2.1   54.0   371.9     16.4   61.2   78.9   5.0   56.2   1.7   54.7   460.9     16.4   61.2   78.9   5.0   56.2   1.7   54.7   460.9     16.5   61.5   78.9   5.0   56.2   1.7   54.7   460.9     16.5   61.5   78.9   5.0   56.2   78.1     16.5   61.5   78.6   5.0   56.4   77.1     16.5   61.5   78.6   5.0   60.9     16.5   65.9   79.6   60.9     16.5   65.9   79.6   60.0     16.5   65.9   79.6   60.0     16.5   65.9   79.6   60.0     16.5   65.9   79.6   60.0     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     16.5   65.9   79.6     17.4   70.3   80.1     17.4   70.3   80.1     17.4   70.3   80.1     17.4   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3     17.5	4	35.0	56.5	78.1	3,7	48.7	3.9	45.8	222.4	0.0	45.8	222.4	45.8	7.9	53.7	353.7	3.5
15.9   55.7   78.1   5.0   51.7   2.4   49.3   317.9   0.0   48.3   317.9   49.3   5.0   54.3   462.3   1.4   46.5   1.5   5.0   5	50	4	56.6	78.1	7.9	46.8	3.6	46.2	268.5	0.0	46.2	268.5	46.2	7.9	9	407.7	5.8
16.4         61.2         78.8         5.0         56.2         2.7         54.0         371.9         64.4         426.3         54.7         50.0         54.7         50.0         54.7         50.0         50.1         50.0         52.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         50.1         50.0         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0 <th< td=""><td>2</td><td>OI V</td><td>26.7</td><td>78.1</td><td>5,0</td><td>51.7</td><td>2.4</td><td>49.3</td><td>317.9</td><td>0.0</td><td>49.3</td><td>317.9</td><td>40.0</td><td>5.0</td><td>54,3</td><td>462.1</td><td>5.5</td></th<>	2	OI V	26.7	78.1	5,0	51.7	2.4	49.3	317.9	0.0	49.3	317.9	40.0	5.0	54,3	462.1	5.5
16.4         61.2         78.9         5.0         56.3         1.9         54.4         426.3         0.0         64.4         426.3         54.4         5.0         58.4         5.0         58.4         5.0         58.4         5.0         58.4         5.0         58.4         5.0         58.4         5.0         58.4         5.0         58.4         5.0         58.7         58.7         58.0         6.0         5.0         58.7         50.0         58.7         58.0         6.0         58.0         6.0         700.1 <td>9.7</td> <td>16.4</td> <td>61.2</td> <td>78.8</td> <td>5,0</td> <td>56.2</td> <td>¥.4</td> <td>54.0</td> <td>371.9</td> <td>0.0</td> <td>54.0</td> <td>371.9</td> <td>54.0</td> <td>2.0</td> <td>59,0</td> <td>521.1</td> <td>5,5</td>	9.7	16.4	61.2	78.8	5,0	56.2	¥.4	54.0	371.9	0.0	54.0	371.9	54.0	2.0	59,0	521.1	5,5
16.4         61.3         78.9         5.0         56.3         1.7         54.7         480.9         0.0         54.7         480.9         54.7         480.9         6.0         76.4         61.4         78.9         55.0         56.0         700.1           16.4         61.4         78.9         50.6         61.2         55.0         60.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1         66.0         700.1	7.7	16.4	61.2	78.9	5.0	56.3	<del>-</del>	54.4	426.3	0.0	54.4	426.3	54.4	5.0	59,3	580.4	3.8
16.4   614   76.9   5.0   56.4   1.4   55.0   535.9   0.0   65.0   55.0   5.0   60.0   700.1     16.5   61.5   72.6   5.0   56.4   1.4   55.0   55.5   56.3   56.3   56.0   700.1     16.5   61.5   72.6   5.0   60.9   1.2   55.3   56.1   56.3   56.0   57.0     16.9   65.9   72.6   60.9   0.7   60.2   771.4   0.0   60.1   771.4   60.2   5.0   64.9     16.9   65.9   72.6   65.0   60.9   0.2   60.7   771.8   0.0   60.1   771.8     16.9   65.9   72.6   65.0   60.9   0.2   60.7   771.8     16.9   65.9   72.6   60.9   0.2   60.7   771.8     16.9   65.9   72.6   65.0   65.0   60.7   771.8     16.9   65.9   72.6   65.0   65.0   65.0   65.0     17.4   70.3   80.1   5.0   65.3   1,023.9     17.4   70.3   80.1   5.0   65.3   1,154.4   0.0   65.3   1,154.4     17.4   70.3   80.1   1,225.0   70.7   1,154.4   11,438.7   1,154.4   1,154.4   1,154.5     17.4   70.3   80.1   1,225.0   70.7   1,154.4   11,438.7   1,154.4   1,154.4   1,154.4   1,154.4     10.5   10.5   10.5   10.5   10.5     10.5   10.5   10.5   10.5   1,154.4   1,1438.7   1,154.4	77.8	9	61.3	78.9	2.0	56.3	1.7	54.7	480.9	0.0	54.7	480,9	54.7	5.0	59.7	640.1	5.5
16.5   61.5   78.6   5.0   56.5   1.2   55.3   591.3   0.0   65.3   581.3   55.3   5.0   60.3   760.4     16.5   65.9   79.6   5.0   60.9   1.0   58.9   651.2   59.9   651.2   59.9   55.0     16.9   65.9   79.6   5.0   60.9   0.5   60.4   771.4   0.0   60.4   771.8   60.4   5.0   65.2     16.9   65.9   79.6   5.0   60.9   0.2   60.7   832.5   60.7   832.5     16.9   65.9   79.6   5.0   60.9   0.2   60.7   832.5     16.9   65.9   79.6   5.0   60.9   0.0   60.4   771.8     16.9   65.9   79.6   5.0   60.9   0.0   60.7   832.5     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1,023.9     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1,134.4     17.4   70.3   80.1   5.0   65.3   1,134.4     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   80.1   1,225.0     17.4   70.3   1,238.7   1,154.4   11,438.7   1,154.4   1,1438.7     17.4   70.3   1,225.0     17.4   70.3   1,225.0     17.4   70.3   1,225.0     17.4   70.3   1,246.4   11,438.7     17.4   70.3   1,225.0     17.4   70.3   1,246.4     17.4	77.9	19	61.4	78.9	5.0	56.4	4,	55.0	535,9	0.0	65.0	535.9	55.0	5.0	60.0	700.1	3.5
16.9   65.9   79.6   5.0   60.0   1.0   59.9   651.2   0.0   69.8   651.2   59.9   550   64.9   625.4     16.9   65.9   79.6   5.0   60.9   0.7   60.2   771.4   0.0   60.2   771.4     16.9   65.9   79.6   5.0   60.9   0.7   60.2   771.4     16.9   65.9   79.6   5.0   60.9   0.2   60.7   771.8     16.9   65.9   79.6   5.0   60.9   0.2   60.7   771.8     16.9   65.9   79.6   5.0   60.9   0.2   60.7     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   5.0   65.3   1.023.9     17.4   70.3   80.1   1.025.0     17.4   70.3   1.023.9     17.4   70.3   70.3     17.5   70.3   70.3     17.5   70.3   70.3	78.0	60	5.19	78.9	5.0	56.5		55.3	591.3	0,0	65.3	581.3	55.3	5.0	60.3	760.4	3.5
16.9   65.9   79.6   5.0   60.9   0.7   60.2   77114   0.0   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   77718   60.4   65.0	es Ci	16.9	62.3	79.6	5.0	60.09	0,1	58.5	651.2	0.0	6.63	651.2	59.8	5.0	9,49	825.4	5.5
16.9   65.9   79.6   5.0   60.9   0.5   60.4   771.8   0.0   60.4   771.8   60.4   5.0   65.4   956.0     16.9   65.9   79.6   5.0   60.9   0.2   60.7   832.5   60.7   5.0   65.9   1,027.6     16.9   65.9   79.6   5.0   60.9   0.2   60.7   832.5   60.7   5.0   65.9   1,027.5     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1,023.9   0.0   65.3   1,023.9     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1,089.1   0.0   65.3   1,154.4   1,	8)	6.9	62.9	79.6	0.0	60.9	7.0	60.2	711,4	0.0	60.2	711.4	50.2	5.0	65.2	890.5	5.5
16.9 65.9 79.6 5.0 60.9 0.2 60.7 832.5 0.0 60.7 872.5 60.7 5.0 65.6 1,021.6 16.2 65.9 1,021.6 16.2 65.9 1,021.6 16.2 65.9 1,021.6 16.3 16.3 16.3 16.3 16.3 16.3 16.3 1	80	16.9	62.9	79.6	0.	60.9	0.5	60,4	771.8	0.0	60.4	771.8	60.4	5.0	65,4	956.0	8.6
16.9 65.9 79.6 5.0 60.9 0.0 60.9 893.3 60.9 50.9 50.9 50.9 5.0 65.9 1,037.5 17.4 70.3 80.1 5.0 65.9 1,037.5 17.4 70.3 80.1 5.0 65.3 0.0 65.3 1,023.9 65.3 5.0 65.9 1,037.7 1,74 70.3 80.1 5.0 65.3 0.0 65.3 1,023.9 65.3 5.0 70.3 1,1257.7 1,74 70.3 80.1 5.0 65.3 0.0 65.3 1,023.9 65.3 5.0 70.3 1,258.2 1,74 70.3 80.1 5.0 65.3 1,023.9 65.3 1,154.4 65.3 5.0 70.3 1,258.2 1,74 70.3 80.1 5.0 65.3 1,154.4 11,438.7 1,154.4 1,154.4 10.3 1,154.4 10.3 1,154.4 10.3 1,154.4 1,1438.7 1,1438.7 1,144.1 1,1438.7 1,144.1 1,1438.7 1,144.1 1,1438.7 1,144.1 1,1438.7 1,144.1 1,1438.7 1,144.1 1,1438.7 1,144.1 1,1438.7 1,144.1 1,1438.7 1,1	8	6.9	62.9	79.6	5,0	6.09	0.2	60.7	832.5	0.0	60.7	832.5	60.7	5.0	65.6	1,021.6	5.5
17.4   70.3   80.1   5.0   65.3   0.0   65.3   958.6   0.0   65.3   958.6   65.3   5.0   70.3   1.157.7     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1.023.9   0.0   65.3   1.023.9   65.3   5.0   70.3   1.228.0     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1.089.1   0.0   65.3   1.158.4   65.3   5.0   70.3   1.258.0     17.4   70.3   80.1   5.0   65.3   0.0   65.3   1.154.4   0.0   65.3   1.158.4   65.3   5.0   70.3   1.368.5     17.4   70.3   80.1   5.0   65.3   1.154.4   11.438.7   1.154.4   1.158.5   15.346.4   10     17.4   70.3   80.1   1.225.0   70.7   1.154.4   11.438.7   0.0   1.154.4   11.438.7   1.154.4   214.1   1.368.5   15.346.4   10     17.4   70.3   80.1   1.255.0   70.7   1.154.4   11.438.7   21.41.1   1.368.5   15.346.4   10     17.4   70.3   80.1   1.225.0   70.7   1.154.4   11.438.7   214.1   1.368.5   15.346.4   10     17.4   70.3   80.1   1.154.4   1.154.4   1.154.4   1.154.4   214.1   1.368.5   15.346.4   10     17.4   70.3   80.1   1.154.4   11.438.7   1.154.4   1.154.4   1.368.5   15.346.4   10     17.4   70.3   80.1   1.154.4   11.438.7   1.154.4   214.1   1.368.5   15.346.4   10     17.4   70.3   80.1   1.154.4   11.438.7   1.154.4   1.154.	8	16.9	62.9	79.6	5.0	60.09	0.0	60.9	893,3	0.0	60.9	893.3	60.6	5.0	62.9	1,087.5	0.0
17.4 70.3 80.1 5.0 65.3 0.0 65.3 1,023.9 0.0 65.3 1,023.9 65.3 5.0 70.3 1,228.0 17.4 70.3 80.1 5.0 65.3 0.0 65.3 1,089.1 65.3 5.0 70.3 1,298.2 17.4 70.3 80.1 5.0 65.3 0.0 65.3 1,154.4 0.0 65.3 1,154.4 65.3 5.0 70.3 1,298.2 1,298.2 17.4 70.3 80.1 5.0 65.3 1,154.4 11,438.7 1,154.4 11,438.7 1,154.4 11,438.7 1,154.4 11,438.7 1,154.4 11,368.5 15,346.4 10 80.2 14.1 1,368.5 15,346.4 10 80.2 14.1 1,368.5 15,346.4 10	7	17.4	70.3	80.1	5,0	65.3	0.0	65.3	958.6	0.0	6.0	9.58.8	65.3	2,0	70.3	1,157,7	Ö
17.4 70.3 80.1 5.0 65.3 0.0 65.3 1,089.1 0.0 65.3 1,089.1 65.3 5.0 70.3 1,298.2 17.4 70.3 80.1 5.0 65.3 1,154.4 0.0 65.3 1,154.4 65.3 5.0 70.3 1,368.5 1,368.5 1,154.4 11,438.7 0.0 1,154.4 11,438.7 1,154.4 214.1 1,388.5 15,346.4 15,346.4 214.1 1,388.5 15,346.4 214.1 1,488.1 214.1 1,388.5 15,346.4 214.1 1,488.1 214.1 1,388.5 15,346.4 214.1 1,488.1 214	7.7	17.4	70.3	80.1	5.0	65.3	0.0	65.3	1,023,9	0,0	66.3	1,023.9	65.3	5.0	70.3	1,228.0	0.0
17.4 70.3 80.1 5.0 65.3 0.0 65.3 1,154.4 0.0 66.3 1,154.4 65.3 5.0 70.3 1,368.5 15.846.4 418.2 214.1 1,225.0 70.7 1,154.4 11,438.7 0.0 1,154.4 11,438.7 1,154.4 214.1 1,368.5 15,346.4 ROE # ROI # 23.81%	87.7	17.4	70.3	80.1	5.0	65.3	0.0	65,3	1,089.1	0,0	8 6.3 8.3	1,089.1	65.3	5.0	70.3	1,298.2	0
418.2 214.1 1,225.0 70.7 1,154.4 11,438.7 1,154.4 214.1 1,368.5 15,346,4  BOE # FOI = 23.81%	۲.	17.4	70.3	1,08	9.0	65.3	0.0	65.3	1,154,4	0.0	65.3	1,154.4	65.3	5.0	70.3	1,368.5	9.0
4.78%	က	418.2			214.1	1,225.0	70,7	1,154.4	11,438,7	0.0		11,438.7	1,154.4	214.1	1,368.5	15,346,4	107.1
	1									BK	34 7 8%	S	1.				

CASH FLOW BALANCE	CASH FLOW BALANCE	CASHROW	LOAN FEPAYMENT	INTEREST PAYABLE	TOTAL	INVESTIMENT BALANCE	HECUPANG PROFIT	PEPAYMENT	INTEREST PAYABLE	₹ <u></u>	TOTAL INVESTIMENT BALANCE
						214.1					214,1
9	4.0-	<b>†</b> 0	0,0	0.0	-0.4	214.5	₹.0-		0.0	4.0-	
ci cv	6.	.2	0.0	4.0	1.8	212,8	-14.7	0.0	4.3	-10.4	
6.4	-8.2	-2.0	0.0	4.0	2,3	210.4	1.4.1		4.5	α, α-	
-6.5	-14.7	9.1.	0.0	4	2.7	207.8	13.7	0.0	4.3	80.0	
9.0	15,3	9.5	0.0	6.4	10.2	197.6	-6.2	0.0	4,0	9.0	
7 4	.7.9	0.8	0.0	4	12.2	185.3	.4.2	0.0	4.3	0,7	246.0
21.8	13,9	4 4	0.0	4	18.7	166.6	6.6	0.0	e, 4	10.6	235.
36.7	50,6	6,4	.0.0	6.4	19.2	147.4	7.1	0.0	4	11,3	223,
47.0	9,16	18,3	9.5	6.4	26.5	120.9	₩.	a.	6,4	18.6	205
92.4	190.0	4.54	5.9	0.4	55.4	65.6	37.5	g, g	4	47.5	
139.3	329.3	46.9	ο. Ο.	3.8	56.6	9.0	39.0	5.0	9.0	48.8	
187.6	516.8	4.8.4	S. 5	3.6	57.9	0.0	40.5	5.9	3.6	50.0	
240.7	757,6	53.1	5.8	9	62.3	0.0	45.2	8.0	3.3	54.5	
284.1	1,051,7	53.A	o.	t.,	62.4	0.0	45.5	3.5	٠. د	54.6	•
347.8	1,399.5	53.7	5.9	6.5	62.5	0.0	45.8	5.0	2.8	54.6	0.0
401.8	1,801,2	54.0	5.9	2.6	62.6	0.0	46.2	5,9	2.6	54.7	۰
458.1	2,257.3	54.3	S. 53	4	62.7	0.0	49.3	6.5	2.4	57.7	
515.1	2,772.5	59.0	G.	2	67.1	0.0	54.0	3,0	2.4	62.1	0.0
574.5	3,346,9	59.3	8. 8.	6.	67,2	0.0	54.4	5.9	di -	62.2	
634.1	3,981,1	59.7	6.0	1.7	67.3	0.0	54,7	9,0	1.7	62,3	0.0
694.1	4,675.2	0.09	8,0	4.	67 4	0.0	55.0		*	62.4	
754.5	5,429.7	6.09	9.50 Gr.	7.	67.5		55.3	6.5	4.5	62.5	
819.4	6,249.1	6.4.9	9.0	0,-	71.8	0,0	58.9		0,	66.8	
884.6		65.2	5.9	0.7	71.8		60.2		0.7	86,8	
950.0		65,4	9.0	0,5	71.8	0.0	80.4	9,0	0.5	66.8	
1,015.7	9.099.4	65.6	G S	0.5	71.8		60.7	,	0.5	66.8	
1,087.5	•	6.59	0.0	0.0	65,9	0.0	60.09		0.0	60.9	
1,157.7		70.3	0.0	0.0	70.3	0.0	65,3		0.0	65,3	
1,228.0	12,572.6	70.3	0.0	00	70.3		65.3		0,0	65.3	.e.
1,298.2	13,870.8	70.3	0.0	0.0	70.3	0,0	65.3	9.0	0.0	65,3	0.0
1,368.5	15,239.4	70.3	0.0	0.0	70.3	0.0	65.3		0.0	65.3	0
							***************************************				
15,239.4	122.401.6										

IRR 20.63% NPV 247.6								:		
1,300.763	1,857.325	845,854	302.126	453.877	255.467	549.562	185.732	232.429	130,400	ATOTAL
70.254	87.675	44.513	11.224	20.384	11.545	17,422	8.768	8.654	000.0	2010
70,254	87,675	44.513	11,224	20.394	11,545	17.422	8.766	8,654	0.00	2018
70.254	87,675	44.513	11,224	20.384	11,545	17.422	8.768	8.654	0.000	2017
70.254	87.675	44,513	11,224	20.334	11.545	17.422	8,768	8.654	0,000	2016
65,888	82,824	41,395	11,224	19.311	10.895	16.936	8.282	8.654	0.000	2015
65.688	82.824	41,395	11,224	19,311	10.895	16,936	8.282	8,654	0.000	2014
65.838	82.824	41.395	11.224	19,311	10.895	16,936	8.282	8.654	0.000	2013
65,988	82.824	41,395	11,224	19.311	10.895	16.936	8.282	8.654	0.000	2012
65.888	82,824	41.395	11.224	19,311	10.895	16,836	8.282	8.654	0.000	2011
61.522	77.973	38.276	11.224	18.228	10.246	16,451	7.797	8.654	0,000	2010
61,429	77.871	39.276	11.224	18.157	10.213	16.441	7.787	8.654	0.000	2009
61,339	77.770	38.276	11.224	18.088	10,182	16.431	7.77.7	8,654	0000	2008
61.250	77.671	38.276	11.224	18,020	10.151	16.421	7.767	8.654	0.000	2007
61,163	77.574	38,276	11.224	17.954	10,121	16,411	7.757	8.654	0.000	2006
56.712	72.628	35,158	11.224	16.808	9.442	15.917	7.263	8.654	0.00	2002
56.628	72.535	35.158	11,224	16.742	9,413	15,908	7.254	8.654	0.000	2004
56.546	72.444	35,158	11.224	16,679	9.384	15.898	7.244	8,654	0.000	2003
56.465	72.355	35.158	11.224	16.55/	9.55	10,00	7.567	6.00 8.00 8.00 8.00	000.0	2002
57.943	67.330	32.035	11.224	15.415	8.652	15.387	6.733	9.654	0.000	2000
50.677	65.923	31.220	11.224	15,041	8,439	15.246	6.592	8.654	0.000	1809
49,412	64.518	30,400	11.224	14,669	8.226	15.108	6.452	8.654	0.000	1998
20.535	32,432	0.000	11.224	13.604	7.604	11.897	3.243	8.654	0000	1987
19,199	30.948	0000	11.224	12.667	7.057	11,749	3.095	8.654	0000	1986
18.721	27.877	0000	11,224	10,697	5,956	9.156	2.786	6.368	000'0	1985
6.273	20.223	0,000	8,547	7.508	4.169	13,950	2.022	5.955	5.973	1884
-3.837	17.570	0,000	7.061	6.747	3,762	21.407	1.757	5,635	14.015	1993
-32.528	6,026	0.000	2.589	2.22	1.216	38.554	0,603	2.744	35.208	1992
-27.339	5,141	0000	2,135	1.933	1.073	32,480	0.514	2.307	29,659	1991
37.874	3,425	000.0	1,206	1,398	0.821	41.299	0.343	1.321	39,635	1890
-6.313	0.00	0.000	0.000	000	0000	6.213	000	0.403	018	1989
	100%						***		35%	
		<b>₹</b>	S FPA	<u>ź</u>	¥ E	Ë	ADMINIST- RATION COST	AND	B	
				1	Š	Ž		Š	INVESTMENT.	5

Table E.1.3 Revenue of the Joint Venture

YEAR	NO. OF TOURIST ARRIVALS	VARIVALS	OTHER DALY EXPENDITURE					TRANSPORTATION REVENUE (TO DESARU)	N REVENUE (TC	DESARU						
	HOTELGLEST DAYTREPER	AYTRIPPER	HOTELGLEST	) DAYTRIPPER		DAYTRIPPER	TOTAL	NO OF TOURIST ARRIVALS HOTEL CLEST DAYTRIPPE	T ARRIVALS Daytripper	BUS USER HOTEL QUEST D	TC DAYTRIPPER BU 0.27	TOTALOF BUSUSER H	FERRY USER HOTEL GUEST 1	T DAYTREPER F 0.73	TOTALOF FERRY USER	
1988	0	0	00+	35	000 0	000 0	000.0	G	c	C		a	0	6	0	
			001	) K	0.000	0000	0000		0	0		C	. <b>0</b> .			
1990	61,596	31 995	00	100 100 100 100 100 100 100 100 100 100		1.120	15.287	61,596	31,995	12,319	8.639	20 958	49,277	23 356	72,633	
1991	64,700	479 325	100	35	14.881	16.776	31,657	64,700	479,325	12,940	129,418	142,358	51,750		401,667	
1992	68,583	675,146	100	6		23,630	39.400	68,563	675,146	13,713	182,289	196,002	54,850	١.	547,707	
1993	215,937	1,574,655	100	38		55,113	104.779	215,937	1,574,655	43,187	425,157	468,344	172,750	7	1,322,248	
1994		1,877,454	001			65,711	119.624	234,403	1,877,454	46,831	506,913	553,793	187,522	1,370,541	1,558,064	
1995		2,571,000	100	ო		89.985	167,275	330,600	2,571,000	66,120	694,170	760,290	264,480	Ψ-	2 141,310	
1996		2,623,712	100	e		91.830	178.028	374,776	2 623,712	74,955	708,402	783 357	299,821	1,915,310	2.215,131	
1997	408,403	2,676 187	100	n	93.933	93.667	187.589	408,403	2,876,187	81,681	722,570	804,251	326,722	•	2,280,339	
1998	446,823	2,729,710	100	Ø		95.540	198,309	446,823	2,729,710	89,365	737,022	826,386	357,458	Ξ.	2,350,147	
1999	458,805	2,784,305	100	0		97,451	202.976	458,805	2,784,305	91,761	751,762	843,523	367,044	· · ·	2,399,587	
2000	470,787	2,839,991	100			99,400	207.581	470 787	2,839,991	94,157	786,798	860,955	376,530		2,449,823	
2001	470,787	2,896 790	100	e		101.388	508,669	470,787	2,896,790	94,157	782,133	876.291	376,630	2,114,657	2 491,286	
2002	470,787	2,954,726	100	0	108.281	103.4.15	211.696	470,787	2,954,726	94,157	797,776	891,933	376,630	•	2,533,580	
2003	470,787	3,013,821	1.00	e		105.484	213,765	470,787	3,013,821	94,157	813,732	907,889	376,630	•	2,576,719	
2004		3,074,097	100	n		107,593	215.874	470,787	3 074,097	94,157	830,006	924,164	376,630	٠.	2,620,720	
2005	470,787	3,135,579	100	e		109,745	218.026	470 787	3 135,579	94,157	846,606	940,764	376,630	•	2,665,602	
2006		3,198 291	100	6		111.940	220.221	470,787	3, 198, 291	94,157	863,539	957 696	376,630	``	2,711,382	
2007	Ĭ.	3,262,257	001	(7)		114.179	222.460	470,787	3,262,257	94,157	880,869	974,967	376,630	•	2,758,077	
2008	470,787	3,327,502	100		108.281	116.463	224.743	470,787	3,327,502	94,157	898,426	992,583	376,630	٠.	2,805,706	
2008	470,787	3,394,052	100	en .		118.792	227.073	470,787	3,394,052	94,157	916,394	1,010,551	376,630		2,854,288	
2010	470,787	3,461,933	100	n		121,168	229.449	470,787	3,461,933	94 157	934,722	1,028,879	376,630	2,527,211	2,903,841	
2011	470,787	3,461,933	100	99		121.168	229.449	470 787	3,461,933	94 157	934,722	1,028,879	376,630		2,903,841	
2012	470,787	3,461,933	100	e		121.168	229.449	470 787	3,461,933	94,157	934,722	1,028,879	376,530		2,903,841	
2013	470,787	3,461,933	100	<b>.</b>		121.168	228,449	470,787	3,461,933	94,157	934,722	1,028,879	376,630	2,527,211	2,903,841	
2014	470,787	3,461,933	100	e	108.281	121.168	229,449	470,787	3,461,933	84,157	934,722	1,028,879	378,635	2,527,211	2,903,841	
2015	470,787	3,461,933	100	e		121,168	229.449	470 787	3 461,933	94 157	934,722	1,028,879	376,630	2,527,211	2,903,841	
2016	470,787	3,461,933	100	35		121,168	229.449	470,787	3,461,933	94,157	934,722	1,028,879	376,630	2,527,211	2,903,841	
2017	470,787	3,461 933	100	60		121.168	229.449	470,787	3,461,933	94,157	934,722	1,028,879	376,630	2,527	2,903,841	
2018	470,787	3,461,933	100	67		121,168	229,449	470,787	3,461,933	94,157	934,722	1,028,879	376,630		2,903,841	- 1
2019	470,787	3,461,933	100	en 		121,168	229.449	470,787	3,461,933	94,157	934,722	1,028,879	376,630	2,527	2,903,841	
2020	470,787	3,461,933	100	6	108.291	121, 68	229.449	470,787	3,461,933	94 157		1,028,379	376,630	2,527,211	2.903,841	
2021	470.787	3,461,933	100	35	108.281	121   68	229.449	470,787	3,461,933	94 157	٠.	1,028,879	376,630	2,527,211	2,903,841	
2022	470,787	3,461,933	100	35		121,168	229.449	470 787	3,461,933	94,157	934,722	1,028,879	376,630	2,527,211	2,503,841.	
		٠.								:						

BIL Proposed   Property   Prope																			
15   15   15   15   15   15   15   15		(Agt/per:	•	REVENUE	REVENUE	TOTAL.	1. OIL PALM	MUSIUM - R	UBBER MUS	IUM LINE		AMENITY CORE	NNER CIRCU	LATON CE			WAR INVER	RCULATIO	LINE
15   15   15   15   15   15   15   15				(million Age	(Year)	HEVENOR	PASSENCER	WAY	FAPE ( MS )	A CA				MS O	And Andrews			ш	S S S S S S S S S S S S S S S S S S S
5   1   2   2   2   2   2   2   2   2   2	1988	<b>1</b> 1	ur.	00 0					c	2.00	0000	c	0	-		000	c	c	5 00
5   15   10   10   10   10   10   10	1,989	) ti	ı,	00.0					. 0	2.00	0.000	. 0	0		•	000	o		ı,
5   15   2.945   8.2	1990	. t-	, ru	0.3				•	0	2.00	0.000	0	0	`		000	o	0	5,00
5   15   2084   18,24   11,156   10   10   10   10   10   10   10   1	1991	ro ro	1.5	2.13			_	0	0	2.00	0.000	6	0	**		900	0	0	77
5   15   17.02   20.02   2.00   0.00	1992	ιο -	2	2.94		_		•	0	2.00	0.000	0	0	-		000	o	O	5.0
15	1993	τ. ευ	1.5	7.02	٠			0	0	2.00	0.000	0	0	÷		. 000	o	٥	5.00
15	1994		4.5	8.30			-	0	0	2.00	0.000	0	a	_		. 000	0	0	8,0
15	1995		15	11.40				0	0	2.00	0.000	0	٥	÷		000	0	0	5.0
15 12.004	1996	•	5	11,75			4.2	0	2	2.00	0.613	4,000	-	Ť.		460	400	Ø	
15   12.396   35.5594   4.20   2.200   0.613   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.00   1.466   4.000   1.466	1997		1.5	12.06			4.2	0	CI.	2.00	0.613	4,000	7-	+	•	460	400	~	5.0
15 12 12 653 35 894 48 647 420 2 200 0.613 4,000 1 1,460 400 1 1,460 1	1998	•	5	12.39			4.2	0	N	2.00	0,613	4,000	-	-	•	460	400	N	5.00
15         15         12.914         36,747         48.662         420         2         2.00         0.613         4,000         1         1.00         1.460         400         1.	1999	-	1.5	12.65			42	0	63	2.00	0.613	4,000	-	-	•	460	400	N	5.0
15 15 13.14 37.389 50.554 420 2 2.00 0.613 4.000 1 1.00 1.466 4.00 1.5 1.351 4.5 1.351 4.2 1.3 1.4 1.4 1.3 1.4 1.4 1.3 1.4 1.4 1.3 1.4 1.4 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2000	_	10	12.91			42		64	2.00	0,613	4,000	-	÷	_	460	400	æ	5.00
15         15<	2001	15	÷	13.14			4.	٥	c,	2.00	0.613	4,000	-	<u>-</u>		460	400	23	5.0
15         13 678         39,651         52,269         420         2,200         0.613         4,000         1,000         1,460         400         1,400         1,460         400         1,400         1,400         1,400         1,400         1,400         1,400         1,400         1,400         1,400         1,400         1,400         1,400         1,460         4,400         1,400 <t< td=""><td>2002</td><td>-</td><td>5</td><td>13.37</td><td></td><td></td><td>4.2</td><td>٥</td><td>74</td><td>2.00</td><td>0.613</td><td>4,000</td><td>•</td><td><del>-</del></td><td></td><td>460</td><td>400</td><td>2</td><td>5.00</td></t<>	2002	-	5	13.37			4.2	٥	74	2.00	0.613	4,000	•	<del>-</del>		460	400	2	5.00
15 15 15.62 39.31 55.173 420 2 2.00 0.613 4,000 1 100 1.460 400 1 1.65 1.65 4.06 4.06 1 5.08 4.06 1 5.08 4.06 1 5.08 4.06 1 5.08 4.06 1 5.08 4.08 4.06 1 5.08 4.08 4.08 4.08 1 1.00 1.460 4.00 1 1.00 1.00 1.00 1.00 1.00 1.00 1	2003	-	15	13.61			42	٥	(4	2.00	0.613	4,000	•••	÷	,	460	400	8	5.0
15         14,111         39,884         54,085         420         2.00         0.613         4,000         1,00         1,460         400           15         14,365         40,071         55,396         420         2.00         0.613         4,000         1         1,00         1,460         400           15         14,365         40,071         55,396         420         2.00         0.613         4,000         1         1,00         1,460         400           15         15,138         42,086         56,374         420         2.00         0.613         4,000         1         1,00         1,460         400           15         15,138         42,588         58,891         420         2.00         0.613         4,000         1         1,00         1,460         400           15         15,433         43,558         58,891         420         2.00         0.613         4,000         1         1,00         1,460         400           15         15,433         43,558         58,891         420         2.00         0.613         4,000         1         1,00         1,460         400         1,460         400         1,460 <td< td=""><td>2004</td><td>-</td><td>5</td><td>13.86</td><td></td><td></td><td>42</td><td>0</td><td>'n</td><td>2.00</td><td>0.613</td><td>4,000</td><td>•-</td><td>÷</td><td>**</td><td>460</td><td>400</td><td>77</td><td>5.00</td></td<>	2004	-	5	13.86			42	0	'n	2.00	0.613	4,000	•-	÷	**	460	400	77	5.00
15         14,385         40,671         55,036         420         2,00         0,613         4,000         1,480         400           15         14,885         42,037         55,936         420         2,00         0,613         4,000         1,460         400           15         14,885         42,035         58,931         420         2,200         0,613         4,000         1,100         1,460         400           15         15,433         42,558         58,931         420         2,200         0,613         4,000         1,100         1,460         400           15         15,433         42,558         58,931         420         2,200         0,613         4,000         1,100         1,460         400           15         15,433         43,558         58,931         420         2,200         0,613         4,000         1,160         4,00           15         15,433         43,558         58,931         420         2,200         0,613         4,000         1,460         400           15         15,433         43,558         58,931         420         2,200         0,613         4,000         1,460         400	2005	_	'n	14.11			42	0	Ç.	2.00	0.613	4,000	•-	-	-	460	400	8	5.0
15         14,625         41,371         55,996         420         2         2.00         0.613         4,000         1,460         400         1,400 <td< td=""><td>2006</td><td>1.00</td><td>ro T</td><td>14.36</td><td></td><td></td><td>4.</td><td>0</td><td>8</td><td>2.00</td><td>0.613</td><td>4,000</td><td>-</td><td>÷</td><td>,-</td><td>480</td><td>400</td><td>C)</td><td>5.00</td></td<>	2006	1.00	ro T	14.36			4.	0	8	2.00	0.613	4,000	-	÷	,-	480	400	C)	5.00
15         14.889         42.086         56.974         420         2         2.00         0.613         4,000         1,460         4,00         1,460	2007	15	•	14,52			42	0	C4	2.00	0.613	4,000	-	Ē	_	460	400	8	5.00
15         15,158         42,814         57,973         420         2         2.00         0.613         4,000         1         460         400           15         15,433         43,558         58,991         420         2         2.00         0.613         4,000         1         100         1,460         400           15         15,433         43,558         58,991         420         2         2.00         0.613         4,000         1         100         1,460         400           15         15,433         43,558         58,991         420         2         2.00         0.613         4,000         1         100         1,460         400           15         15,433         43,558         58,991         420         2         2.00         0.613         4,000         1         100         1,460         400           15         15,433         43,558         58,991         420         2         2.00         0.613         4,000         1         100         1,460         400           15         15,433         43,558         58,991         420         2         2.00         0.613         4,000         1         100	2008	<u>د</u> س	-	14.88	•		42	0	~	2.00	0.613	4,000	•	<u>-</u> -	-	460	400	84	5.0
15         15,433         43,558         58,891         420         2         200         0.613         4,000         1,460         400           15         15,433         43,558         58,891         420         2         2,00         0.613         4,000         1,600         1,460         400           15         15,433         43,558         58,891         420         2         2,00         0.613         4,000         1,600         1,460         400           15         15,433         43,558         58,991         420         2         2,00         0.613         4,000         1,460         400           15         15,433         43,558         58,991         420         2         2,00         0.613         4,000         1,460         400           15         15,433         43,558         58,991         420         2         2,00         0.613         4,000         1,460         400           15         15,433         43,558         58,991         420         2         2,00         0.613         4,000         1,460         400           15         15,433         43,558         58,991         420         2         2,00<	2009		÷	15,15			42	0	7	2.00	0.613	4,000	•	-	_	460	400	N	5.00
15         15.433         43.558         58.991         420         2         2.00         0.613         4,000         1.460         400         1.460	2010	•	5	15.43			4.	0	CI	2.00	0.613	4,000	•-	-	-	160	400	(V	in O
15         15,433         43,558         58,891         420         2,00         0,813         4,000         1,460         400           15         15,432         43,558         58,991         420         2,00         0,613         4,000         1,100         1,460         400           15         15,432         43,558         58,991         420         2,00         0,613         4,000         1,100         1,460         400           15         15,432         43,558         58,991         420         2,00         0,613         4,000         1,1460         400           15         15,432         43,558         58,991         420         2,200         0,613         4,000         1,460         400           15         15,432         43,558         58,991         420         2,200         0,613         4,000         1,460         400           15         15,432         43,558         58,991         420         2,200         0,613         4,000         1,460         400           15         15,432         43,558         58,991         420         2,200         0,613         4,000         1,460         400           15	2011	4.	5	15.43			42	6	61	2.00	0.613	4,000	-	<u>-</u>	_	460	400	œ	5.00
15         15,433         43,558         58,991         420         2,00         0,613         4,000         1,460         400           15         15,433         43,558         58,991         420         2,00         0,613         4,000         1,460         400           15         15,433         43,558         58,991         420         2,00         0,613         4,000         1,460         400           15         15,433         43,558         58,991         420         2,20         0,613         4,000         1,460         400           15         15,433         43,558         58,991         420         2,20         0,613         4,000         1,460         400           15         15,433         43,558         58,991         420         2,20         0,613         4,000         1,460         400           15         15,433         43,558         58,991         420         2,20         0,613         4,000         1,460         400           15         15,433         43,558         58,991         420         2,200         0,613         4,000         1,460         400           15         15,433         43,558         58	2012	•	-	15.43			42	0	લ	2.00	0,613	4,000	٠-	-	•	460	400	8	5.0
15         15.433         43.558         58.991         420         2         2.00         0.613         4,000         1         1.00         1.460         400           15         15.433         43.558         58.991         420         2         2.00         0.613         4,000         1         1.00         1.460         400           15         15.433         43.558         58.991         420         2         2.00         0.613         4,000         1         1.00         1.460         400           15         15.433         43.558         58.991         420         2         2.00         0.613         4,000         1         1.00         1.460         400           15         15.433         43.558         58.991         420         2         2.00         0.613         4,000         1         1.00         1.460         400           15         15.433         43.558         58.991         420         2         2.00         0.613         4,000         1         1.00         1.460         400           15         15.433         43.558         58.991         420         2         2.00         0.613         4,000 <td< td=""><td>2013</td><td>-</td><td>5</td><td>15.43</td><td></td><td></td><td>42</td><td>0</td><td>64</td><td>2.00</td><td>0.613</td><td>4,000</td><td>••</td><td><u>-</u></td><td>_</td><td>460</td><td>400</td><td>0</td><td>5.0</td></td<>	2013	-	5	15.43			42	0	64	2.00	0.613	4,000	••	<u>-</u>	_	460	400	0	5.0
15 15.433 43.556 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 1 1.00 1.460 400 1 1.00 1.460 400 1 1.00 1.460 400 1 1.00 1.460 400 1 1.00 1.460 400 1 1.00 1.460 400 1 1.00 1.460 400 1 1.00 1.460 400 1 1 1.460 400 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2014	_	 5	15.43			42	. 0	cu	2.00	0.613	4,000	-	-	_	460	400	8	5.0
15 15.433 43.558 58.991 420 2 2.00 0.813 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 400 400 400 400 400 400 400 400	2015	•	£.	15.43			42	0	cs.	2.00	0.613	4,000	-	Ţ.	-	460	400	N	5.0
15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15 15 15 15 15 15 15 15 15 15 15	2016	•-	<u>+</u>	15.43			42	0	(d	2.00	0.613	4,000	•	-	_	460	400	N,	5,00
15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400	2017	•	5	15.43	•		42		N	2.00	0.613	4,000	Ψ-	<del>-</del>	-	460	400	۸,	5.00
15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 100 1.460 400 15.432 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1.5 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400	2018	•	15	15.43			42	0	8	2.00	0.613	4,000	-	<del>-</del>		460	400	~	0.2
15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 1 15 15.433 43.558 58.991 420 2 2.00 0.613 4,000 1 1.00 1.460 400 15 15 15.433 43.558 58.991 2 2.00 0.613 4,000 1 1.00 1.460 400	2019	-	<u>,</u> 5	15.43			4	0	27	2.00	0.613	4,000	-	÷	<b>,</b>	460	400	2	O,
15 15 15,433 43,558 58,991 420 2 2,00 0.613 4,000 1 1.00 1,460 400 15 15,433 43,558 58,991 420 2 2.00 0.613 4,000 1 1.00 1,460 400	2020	-	15	15.43			4	0	61	2.00	0.613	4,000	•	<del>-</del> -	-	460	400	63	5.00
15 15,433 43,558 58,991 420 2 2.00 0.613 4,000 1 1.00 1.460 400	2021	15	1.5	15.43			42	0	8	2.00	0.613	4,000	•	<u>-</u>		460	400	N	5.00
	2022	1.5	15	15.43	4.3	58	42	0	CN.	2.00		4,000	-	÷	•	460	400	2	5.00

Ž.						TOTAL REVEN.	COAND TOTAL
		4. BEACHSIDE CORRIDOR LINE	N. I. N.		. P	TRANSPORTATION	8
	Š			FARE	Š		<b>TRANSPORTIATION</b>
	FOR YEAR (million MS)	PASSENCER WAY	FAR	ROR YEA (millien	POR YEAR (million MS)	TOURISM CORE (milition MS)	PEVENUE (million MS)
1988	0.000	O		00.4	0.000	0.000	0000
1989	0.000	6	0	4,00	000.0	000.0	0,000
1990	0.000	0	0	00.4	0.000	0,000	1.404
1991	0.000	0	0	00.4	0.000	0.000	8.160
1992	0.000		0	4.00	0,000	0000	11,158
1993	0.000	0	0	4.00	0.000	000 0	26.859
1994	0.000		ю,	4,00	0,000	0000	31.878
1985	0.000		0	4.00	0,000	0000	43.524
1996	1.460		W	4.00	1.168	4,701	49.679
1997	1.460	400	73	4.00	1.168	4 701	50.970
1998	1.460		0	4.00	1.168	4.701	52.348
1999	1.460		103	00.4	1.168	4,701	53.348
2000	1.460		68	4.00	1.168	4,701	54.363
2001	1.460	•	CV.	4.00	1,168	4,701	55.215
2002	1,460	-	Ø	4.00	1.188	4.701	56.084
2003	1.460		03	4,00	1.168	4.701	56.970
2004	1.460		N	4.00	1.168	4.701	57,874
2002	1.460		ø	4.00	1.168	4,701	58.797
2006	1.460	400	01	4.00	1.168	4,701	59.737
2007	1.460		61	4.00	1.168	4,701	60.697
2008	1.460		N	4.00	1.168	4.701	61.676
2009	1.460		63	4.00	1,168	4.701	62,674
2010	1,460		64	4.00	1,168	4.701	63.692
2011	1.460		¢1	4.00	1.168	4.701	63.692
2012	1.460		67	4,00	1.158	4,701	63.692
2013	1,460		61	4.00	1.168	4,701	63.692
2014	1.460		01	4.00	1.166	4,701	63.692
2015	1.460		61	4.00	1.168	4.701	63,692
2016	1.460		01	4.00	1.168	4,701	83,692
2017	1.460	400	ત્ય	4.00	1.168	4.701	63.692
2018	1.460	400	CI.	4.00	1.168	4.701	63 692
2019	1.460	•	Ø	4.00	1.168	4.701	63.692
2020	1.460	•	(1	4.00	1.168	4.701	63.692
2021	1.460		04	4.00	1,168	4.701	63 692
2000	1.460	400	Ç4	4.00	- 20	4.701	63 692

Table E.1.4 Profit/Loss Calculation and Cash Flow for Joint Venture

MOTOR POSSESSION	EPENDTURE .	12.8	12.8	12.8	12.8	12.8	8.3	89°	e.	es .	α) α εν α	n, e		8.9	6.83	m i	3	e	2 6	u n w c	9 0			5,3	5.3	er 47	5.3	5,3	5.3	8.3		226.4	
	AFIEN EX	-11.2	0.9(-	-21.3	.6.4	-24.9	-6.3	6,4	34.7	99	8 8	3	24.4	25.0	25.7	25.4	28.7	4,62	200	da e		, v.	32.6	32.7	32.8	32.9	32.9	32.9	32.9	32.9		615.1	21.59%
	W.C.	-14.2	-27.2	-48.6	-55.0	-79.9	-85.9	-84,6	40,0	-11.0	4 3. (	35.2	59.6	84.6	110,3	136.7	165,4	9.40	0.622	255.6	9 6	4.035	385.0	417.7	450.5	483.4	516.3	\$40.2	582.2	615.1			Ž.
Š	E SEE	.11.2	0.94	2.3	4.9	-24.9	-6.1	<del>1.3</del>	34.7	38.9	22.5	23.7	24.4	25.0	25.7	26.4	28.7	4.65	30.6	30.00	- 6	3 0 6.4	32.6	32.7	32.8	32.9	32.9	32.9	32.9	32.9		615.1	49,58%
	ALCWANCE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	4.0	18	20.5	21.0	21.6	23.5	2.4.		20.00	b v	26.6	26.7	26.8	26.8	26.9	26.9	56.9	56.9	6.82		512.3	90 90
	ACCUMU. LATION	.11.2	-27.2	-48.6	-55.0	6,67-	-85.9	-84.6	40.0	-13.0	30.0	, k	117.4	162.9	209.6	257.6	300.8	363.4	70.4	4/4	200	540.00	709.1	768.5	828.2	888.0	947.8	1,007.7	1,067.5	1,127.3		11,079.6	
	PROFIT	-11.2	16.0	21.3	4.6.	-24.9	-6.1	E.	34.7	38.9	0,14	43. L	44.3	4 70 70	46.7	. 88.G	25.2	5.50		26.2 57.8	? d	, a	59.3	59.5	9'85	59.8	59.8	59.8	59.8	59.8	,	1,127.3	
Politico	PAYABLE	4.6	3.4	A.6	3.4	9.P	3,4	9.4	ы 4	3.5	9.0	9.2	5.6	5.5	6.13	V 4	o 1				- 6	9 60	90	4.0	0.2	0 0	0	0.0	0'0	0.0	;	56.0	
1000	BUSINESS	-7.8	-12.6	-17.9	3.0	.21.5 5	2.7	4.7	98	45.	0.44	2 4	46.9	48.0	49.0	90,0	 	2.00	9 4	0 4 0 4	9 0	9.65	59,8	59.8	59.8	59.8	59.6	59.8	59.8	59.8		1,183.4	
SOLVICE	EXPENDITURE		12.8	12.8	12,8	12.8	8.3	හ භ	e .	က က (	e. e		m :	0) (	න අ නේ අ	e) e	0		7 .	יי פיי	į	i en	8,3	5.3	5,3	5.3	ε. ε.	5.0	5.3	ල. ග්		226,4	
8	ន្លង «មិស្ស	67.1	0.F	22.5	16.5	12.7	6.0	12.7	43,2	44.7	4,4	2 .	46.4	46.7	0.74	4 . 4 :	47.7	2.0	1 1	4 4 2 0		49.4	48.4	49.4	40,4	49.4	49.4	4.0.4	49.4	49.4		1,170.2	
0		6.0	0.2	'n	9. 6	9.6	5.6	0	46.4	50.4	52.3	2.40	22.5	26.3	e, 70	58.3	4,00	n 9		5 6 A	2 4	55.5	65,1	65.1	65.1	65.1	65.1	65.1	65.1	65.1		1,409.7	•
TOTT A	PENDITURE	2.5	17.7	27.9	49.5	76.7	89.5	29.4	61.0	62.4	63.0	\. 0 0 0	63.8	2.4		9 c	N W	0.0	9 6	- u	9 0	66.8	66.8	66.8	8.99	66.3	66.8	66.8	66.8	66.9		1 857.6	
CKA:	EXPENDITURE EXPENDITURE	0.5	0.0	۲.	3.1	3.6	5.0	ر دی ا		Ø,		יים יים	9	9 0	e 1	e e	o c	9 1	. ,	· a	o c	e ca	6.9	6.9	6,9	6.9	6.9	9. 9.	œ.	6.9	į	171.3	
	ADMINI.		<b>4</b> -	en evi	e.	8.8	S, S	10.2	70.7	e :	1.5	 	11.8	C	2.5	6.5	e e	9 1	~ (	a c			13.2	13.2	13.2	13.2	13.2	13,2	13.2	13.2		325 7	
Ę	3	€.	15,0	24.4	4.04	66.3	74.7	73.9	4.6	5.2	4 . 4 .	4 0 0	45.7	8,4	4. Q. (	46.0	46.2		7 .	4 4 5 0	9 9	4.6.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7		1,359.6	
7774	REVONUE	7.5	17.9	22.7	59.2	68.1	G	102.5	4.70	12.8	115.3	5 / 2 /	3.0	120.5	121.8	23.2	124.6	0.021	4, 00	20.00	2 0	9 00	9,13	131,9	131.9	131.9	131.9	131.9	3.9	131.9		3,267.3	
ğ	<u> </u>	1990	1991	1992	1893	1994	1995	1996	1987	866	1990	0000	200	2002	2003	2004	2002	9008	200	2) C	8 7 7 7 7	2040	2012	2013	2014	2015	2016	2017	2018	2019		TOTAL	

						CASHFLOW INVI	INVESTMENT PAYBACK YEARS	CK YEARS			PAL INVESTIMET PAYBACK YEARS	PAYBACK YEA	SE		4			
YEAR	P.O.	TOTAL CASH FLOW	PAYMENT	CASH FLOW BALANCE	TOTAL CASH FLOW BALANCE	CASHFLOW	LOAN	INTEPEST PAYABLE	TOTAL	TOTAL INVESTMENT BALANCE	RECUPPING PROFIT	LOAN REPAYMENT	INTEREST PAYABLE	TOTAL	INVESTMENT SALANCE 101.9			1
1990	8,	9	0	9.1	9,	1.6	0.0	3,4	5.0		-11.2	0.0	3.6	.7.8	109.7	. **.		
1991	6	æ.	0.0	-3.2	9.1.	.3	0.0	4.6	0.2		-16.0	0.0	3.4	-12.6	122.3			
1882	5.5	10.4	0.0	. so.	10.1		0.0	4.0	.5.	101.8	-21.3	0.0	4.0	.17.9	140.3			
1993	6,4	-3.7	0.0	4.0	.3.7	6.4	0.0	3.4	9.6		4.8	0.0	4.0	0.6	143.3			
1994	12.0	15.7	0.0	-12.0	15.7	-12.0	0.0	3.4	9.8		-24.9	0,0	3.4	-21.5	164.8	١		
1995	2,2	-19.5	0.0	2.5	13.5		0.0	3.4	5.6		-6.1	0.0	3.4	72.7	167.4			
1996	9.6	8,6	0	9.6	8.0	8.8	0.0	3,4	13.0		1.3	0.0	4.6	4.7	162.7			
1997	43.0	39.1	6.3	36.7	32.8	43.0	6.3	3.4	52.6		34.7	6.3	3,4	44.3	118.3			
1998	47,2	86.3	6.3	40.9	73.7	47.2	6.3	3.2	56.7		38.9	6.3	60	4.84	70.0			
1999	30,8	117.2	6.3	24.6	98.3	30.8	6.3	3.0	40.2		41.0	6.3	3.0	50,3	19.7			
2000	32.0	149.2	6.3	25.7	124.0	32.0	6.3	2,8	41.1		43.1	6,3	2.8	52.2	0,0			
2001	32,7	181.8	6.3	26.4	150,4	32.7	6.3	5.5	41.6		44.3	9.3	5.6	53.2	0			
2002	33,3	215.2	6.3	27.0	177.4	33.3	6.3	2.5	42.1		45,5	6.3	2,5	54,2	0	,		
2003	34.0	249.2	6.3	27.7	205.2	34.0	6.3	5.3	42.6		46.7	6.3	2.3	55.3	0.0			
2004	た、その	283.8	6.3	28.4	233.5	34.7	6.3	2.1	43.0		48.0		2,7	56.3	0			
2005	34.0	317.9	6.3	27.7	261.3	34.0	6.3	¢.	42.2		52.2		6	60,4	0.0			
2006	34,7	352.6	6.3	28.4	289.7	34.7	6,3	1.7	42.7		53,5		1.7	61.5	0			
2007	35.4	388.0	6.3	28.5	318.9	35.4	6.3	<u></u>	43.2	٠.	54.8	:	Ω,	62.6	0.0			
2008	36.2	424.2	6.3	29.9	348.7	36.2	6.3	6.	43.8		56.2		8	63,8	0.0			
2008	36.9	461.1	6.3	30.6	378.4	36.9	6.3	-	44.3		57.5		-	6.49	0			-
2010	37.7	498.8	6.3	31.4	410.8	37.7	6.3	0	44.9		58.9	, ;	0.0	86.1	0			
2011	37.8	536.6	83	31.5	442.2	37.8	6.3	9.0	44,8	0.0	59.1		80	66.1	0			
2012	37.9	574.4	6.3	31.6	473.8	37.9	6.3	9.0	44.7		58.3		9,0	66.3	0.0			
2013	38,0	612.4	6.3	31.7	505.5	38.0	6.3	4.0	44,6		59.5		0	56.1	0			
2014	38.1	650.5	6.3	31.8	537.3	38.1	6	0.0	44.6		59.6	6.3	0.0	66.1	0		_	
2015	38.2	688.7	0.0	38.2	575.5	38.2	0	0	38.2	0	59.8		0.0	59.8	0.0			
2016	38.2	726.9	0.0	38.2	613.7			0.0	38,2		59.8	•	0	59.8	0.0			
2017	38.2	765,1	0.0	38.2	651.8			0.0	. 38.2	0.0	50°		Ø,	56.0	0.0	1.		
2018	38.2	803.3	00	38.2	069	38.2		0.0	38.2	0.0	59.8	0	0	59.8	0			
2019	38.2	841.4	0.0	38.2	728.3			0.0	38.2	0.0	59.8		0.0	59,8	0.0	-		
TOTAL	841.4	9.917.0	113.2	728.3	6,275.7													ļ

	C C	INTERIOR CONTRACTOR	3		3		100		2 i	NAT	<u> </u>			COM BALANCE	3
		TOURIST	TRANSPORT	off-Tou	TOURIST	TRANSPORT.	SVBCC .		EXPEND	<u>{</u>	3		TRANSPORT-	5	
YEAR		FAQLUTY →	ğ	A.	È	A DE	٠.			.:		FACILITY	ATION		
	1989		4.	0.0	0.0			0.0	0.0	0.0	0.4	0.0	0.0	0.0	4.0.
980	1980		3.0	8	0.5			8.	0	8,0	19.3	6.6	9.0	7.5	•
991	1991	-	5.8	4.6	4.7			80	6.0	3,1	44	14.2	3,7	17.9	
992	1992		31.3	6.2	10.4			2.3	ď	2.0	60.09	17.7	0	22.7	ě
993	1993	3.	9.6	6.	24.3			0,	3.1	5,2	39.4	47.2	12.1	59.2	-40.2
994	1994	28	26.4	ري دي	24.3	42.0		5.6	3.6	6,0	112.1	53,8	4.0	68.1	-44.0
989	1995			6	24.3			5.5	5.0	8	106.0	75.3	19,6	94.9	
986	1996				11.0			10.2	5.3	6,9	59.7	80.1	22.4	102.5	42.7
897	1997				7.0			7.7	3.6	4.6	61.0	84.4	22.9	107.4	*
866	1996				1.0			ص ن	ca vi	G. G.	62.4	89.2	23,6	112.8	50.4
666	1999				-			ر. دن	6.1	10.1	63.0	91.3	24.0	115.3	ŝ
900	2000				-	24.3		8.1	eo cv	10.4	63.7	93.5	24.5	117.9	Ž.
2001	2001				0.1			œ :	ю С.	10.8	63.9	4.40	24.8	119.2	Ÿ
002	2002				1.0	24.3		12.1	4.	10.6	64.2	95.3	25.2	120.5	ភ
600	2003				0.1			e,	4	10.7	64.5	96.2	25.6	121.8	Ϋ́
004	2004				0.1			ص در	9	10.8	64.0	1.76	26.0	123.2	58,3
900	2002				-10			5.5	6,5	10.9	65.2	98.1	26.5	124.6	r)
900	2006				1,0			5.68	9.9	1.0	65.5	69.1	56.92	128.0	ĕ
200	2007				4.0			7.7	6.7	=======================================	65.8	100.1	27.3	27.4	۵
800	2008				-			2,0	6 7		66.1	101.1	27.8	128.9	62.8
600	2008				0.1.			0	9 9	4.7	66.5	102.2	28.2	130.4	ιό
010	2010				0.	24.3		e :	on o	5:	66.8	103.3	29.7	3.0	6
011	2011				-			. 2	a e	11.5	66.8	103.3	28.7	3,0	φ.
012	2012				17.0			3.2	05. 09.	11.5	66.8	103.3	28.7	3, 9	ú
013	2013				11.0			3,2	Ø.	11.5	86.8	103.3	28.7	131.9	ő
2014	2014				- 1.0	24.3		3.2	6.9	11.5	66.8	103.3	28.7	3.0	65.1
2015	2015				-		•	ë.	6.0	1.5	66.8	103.3	28.7	31.0	ii.
2016	2016				-			3.2	8,9	11.5	56.8	103.3	28.7	31.0	60
017	2017				0.1	24.3	•	3.2	о О	11.5	66.8	103.3	28.7	31.9	65,1
018	2018				-		•	3.2	6.9	<del></del>	8.99	103.3	28.7	3,3	Ü
2019	2019				11.0			3.2	e.e	11.5	. 8'99	103.3	28.7	131.9	9
TOTAL	TOT≱L	102.	2.3	23.4	354.8	744.5		326.8	171.3	285.6	2,006.7	2,570.2	698.0	3,267.3	1,260,6
					ļ									RR	10 20%
														ğ	200

Table E.1.5 Revenue of Middle Class Hotel

HIGH MEDIUM (1) MEDIUM (2) HOTEL (H-1) HOTEL (H-2) HOTEL (M-2) HOT		YEAR N	NO. OF TOURIST ARRIVALS	ARRIVALS	ANGRAGE LENGTH OF STAY	TOURSIT EXPENDITURE IN HOTEL BOUNDARY (Ringgit/person/day)	JRE IN HOTEL	BOUNDARY	COCUPANCY RATIO								   
Column   C		¥		AYTRIPPER	(day/person)		5		HOTEL (H-1) HC 250 RM 250	TEL (H-2) HC	TEL (H-3) 0 RM	HOTEL (M-1) H 150 RM	OTEL (M-2) HC 200 RM	OTEL (M-3) HC 234 RM	TEL (M-4) HO 100 RM	TEL (M-5) HC 105 RM	TEL (M-6) 250 RM
91,569         10         2,338         2.00         180         170         0.00	ŕ	988	0	٥	2.338	200	180	170	0.00	0.00	0.00	0.00	0.00	0,00	0.00	0.00	00.0
91,586         31,985         23,985<	-	585	0	0	2.338	200	180	170	0.00	00.0	00.0	0.00	0.00	0.00	0.00	0.00	00.0
64,700         775, 46,242.5         2.338         200         180         170         0.00	-	066	61,596	31,995	2,338	200	180	170	0,00	00.0	0.0	0 0	0.00	0.48	0.45	0.35	00.0
616.56.3         575.146         2.358         200         180         170         0.44         0.45         0.00         0.00         0.00         0.05         0.55         0.43         0.45         0.45         0.45         0.05         0.05         0.55         0.43         0.44         0.00         0.00         0.00         0.05         0.55         0.43         0.44         0.45	ť	166	64,700	479,325	2.338	200	180	170	0.00	00.0	00.0	00.0	0.00	0.50	0.48	0.37	00.0
215.827   577.444         2.38         2.00         140         0.04         0.04         0.05         0.00         0.05         0.45         0.04         0.00         0.00         0.05         0.45         0.04         0.00         0.00         0.05         0.45	÷	992	68,563	675,146	2.338	200	180	170	00.0	0,00	0,00	0.00	0.00	0.53	0.50	0.40	00.00
284,403   1877,464         2.338         2.00   180   170   0.54   0.48   0.48   0.40   0.00   0.00   0.00   0.05   0.44	÷	993	215,937	1,574,655	2,338	200	180	170	0.43	0.43	0.00	0.00	0.00	0.55	0.53	0.43	0.45
30,600 L 2, 238         200         180         170         0.55         0.44         0.45         0.64         0.64         0.65         0.65         0.64         0.64         0.65	~	984	234,403	1,877,454	2,338	200	180	170	0.48	0.48	00.0	00'0	00.0	0.57	0.55	0.43	0.50
47,776         26,24,420         2.338         2.20         200         180         0.66         0.68         0.48         0.48         0.68         0.64         0.69	•	995	330,600	2,571,000	2.338	200	180	170	0.53	0.53	0.43	0.44	0.45	0.57	0.55	0.43	0.52
446,823         2.78,486         2.39         2.0         190         0.65         0.70	••	. 986	374,776	2,622,420	2.336	220	200	190	09.0	0.60	0.48	0.48	0.48	0.60	09.0	0.48	0.80
44,6,855         2.788         2.20         2.00         190         0.70         0.60         0.60         0.60         0.70		786	408,403	2,674,868	2.338	220	200	180	0.65	0.85	0.53	0.53	0.53	0.65	0.65	0.53	0,65
470, 287         2.38         2.20         200         150         0.70         <	-	- 855	446,823	2,728,366	2.338	220	200	180	0.70	0.70	09'0	09.0	09.0	0.70	0.70	0.60	0.70
470,787         2885,584         2.338         220         210         0.70		900	458,805	2,782,933	2.338	220	200	190	0.70	0.70	0.65	0.85	0,65	0,70	0.70	0.65	0.70
470,787         2895,384         2.398         240         220         210         0.70	2	. 000	470,787	2,838,592	2.338	220	200	190	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         2.938         2.40         2.20         2.10         0.70	Ń	. 100	470,787	2,895,364	2.338	240	220	210	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3,012,396         2,338         240         220         210         0,70	N	200	470,787	2,953,271	2.338	240	220	210	0,70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0,70
470,787         5.072,583         2.338         240         220         210         0.70	C)	003	470,787	3,012,336	2.338	240	220	210	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3,194,035         2,398         24,0         220         210         0,70	6	. +00	470,787	3,072,583	2,338	240	220	210	0,70	0.70	0.70	0.70	0 70	0.70	0.70	0.70	0.70
470,787         3.196,715         2.338         260         240         230         0.70		005	470,787	3,134,035	2.338	240	220	210	0.70	0.70	0.70	0.70	0.70	0:20	0.70	0.70	0.70
470,787         3,260,650         2,338         260         240         230         0,70	CV	900	470,787	3,196,715	2.338	260	240	230	0.70	0.70	0.70	0.70	0.70	0,70	0.70	0.70	0.70
470,787         3.925,863         2.938         2.60         240         230         0.70	Ģ	200	470,787	3,260,650	2.338	280	240	230	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3.52,380         2.538         260         240         230         0,70	N	800	470,787	3,325,863	2.338	260	240	230	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3.460,227         2.338         260         240         280         0.70	64	600	470,787	3,392,380	2.338	260	240	230	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3,529,432         2,338         280         260         250         0.70	C)	010	470,787	3,460,227	2.338	260	240	230	0.70	0.70	0 70	0.70	0,70	0,70	0.70	0.70	0.70
470,787         3,600,021         2,338         280         260         250         0.70	N	011	470,787	3,529,432	2 338	280	260	250	0.70	0.70	0,70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3,672,021         2,338         280         260         250         0.70	C)	012	470,787	3,600,021	2,338	280	260	250	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3,745,462         2,338         280         260         250         0.70         0,70		013	470,787	3,672,021	2.338	280	260	250	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0,70
470,787         3,820,371         2,338         280         260         250         0.70	7	014	470,787	3,745,462	2,338	280	260	250	0.70	0,70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3,896,776         2,338         300         280         270         0,70	01	015	470,787	3,820,371	2.338	280	260	250	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
470,787         3,974,714         2.338         300         280         270         0.70	CV.	016	470,787	3,696,778	2.338	300	280	270	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0,70
470,787         4,054,208         2.338         300         280         270         0,70	N	517	470,787	3,974,714	2.338	300	280	270	0.70	0,70	0.70	0.70	0.70	0.70	0.70	0.70	0,70
470,787 4,135,292 2,338 300 280 270 0,70 0,70 0,70 0,70 0,70 0,70 0,70	N	018	470,787	4,054,208	2.338	300	280	270	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0,70	0,70
470,787 4,217,998 2.338 300 280 270 0.70 0.70 0.70 0.70 0.70 0.70 0.70	W.	019	470,787	4,135,292	2.338	300	280	270	0.70	0,70	0.70	0.70	0 70	0.70	0.70	0.70	0.70
470,787 4,302,358 2.338 320 300 290 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.		020	470,787	4,217,998	2.338	300	280	270	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0,70
3 470,787 4,386,405 2.338 320 300 290 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.	Ņ	021	470,787	4,302,358	2.338	320	300	290	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	9,70
	CI	022	470,787	4,388,405	2.338	320	300	290	0.70	0.70	0,70	0.70	0.70	0.70	0.70	0.70	0.70

YEAR		GUEST-NIGHTS		-				, i.e.						TOTAL	TOTAL HOTELS (million Rgt.)
	HOTEL (M-7) 280 FM	HOTEL (H-1) HOTEL (H-2) HOTEL (H-3) TOTAL 250 RM 300 RM	OTEL (H-2) H	OTEL (H-3) T	OTAL.	HOTEL (M-1) 150 RM	HOTEL (M-1) HOTEL (M-2) HOTEL (M-4) HOTEL (M-5) HOTEL (M-6) HOTEL (M-7) 150 RM 250 RM 280 RM 280 RM	OTEL (M-3) H 234 RM	OTEL (M-4) H	OTEL (M-5) H	OTEL (M-6) H 250 RM	OTEL (M-7) 280 RM	SUB-TOTAL	CUEST-NICHT	HOTEL (H-1)
1988	00:00		O	,	0		٥	0	0		Ö	0	0	Ġ	0.000
1989	0.00	6		0				Ö	0	o	0	0	0	0	00000
1990	00.0	•		0	0	0	0	81,994	32,850	26,828	Ö	0	141,671	141,671	0.000
1991	0.00	0	0	0	0	0	0	85,410	35,040	28,361	0		148 811	148,811	0000
1992	0.00	0	o	0	0	0	0	90,535	36.500	30,680	•	0	157,695	157,695	0.000
1993	0.45	78,475	78,475	0	156,950	•	0	93,951	38,690	32,960	82,125	91,980	339,706	498,656	15,695
1994	0.50	87,600	87,600	0	175,200	•	0	97,367	40,150	32,960	91,250	102,200	363,927	539,127	17,520
1995	0.52	96,725	96,725	94,170	287,620	47,917	65,700	97,367	40,150	32,960	94,900	106,288	485,282	772,902	19.345
1996	09.0	109,500	109,500	105,120	324,120	52,560	70,080	102,492	43,800	36,792	109,500	122,640	537 864	861,984	24.090
1997	0.65	118,625	118,625	116,070	353,320	58,035	77,380	111,033	47,450	40,625	118,625	132,860	586,008	939,328	. 26.098
1998	0.70	127,750	127,750	131,400	386,900	65,700	87,600	119,574	51,100	45,990	127,750	143,080	540,794	1,027,694	28.105
1999	0.70	127,750	127,750	142,350	397,850	71,175	94,900	119,574	51,100	49,823	127,750	143,080	657,402	1,055,252	28.105
2000	0.70	127,750	127,750	153,300	408,800	78,650	102,200	119,574	51,100	53,655	127 750	143,080	674,009	1,082,809	28.105
2001	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	30.660
2002	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	30.660
2003	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	30.660
2004	0.70	127,750	127,750	153,300	408,800	76,650	102,260	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	30.660
2005	0.70	127,750	127,750	153,300	408,800	75,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	30.660
2006	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	33.215
2002	0.70	127,750	127,750	153,300	408,800	78,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	33,215
2008	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	33.215
2009	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	33.215
2010	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1.082,809	33,215
2011	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	35,770
2012	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	35.770
2013	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	35.770
2014	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674 009	1,082,809	35,770
2015	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	35.770
2016	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	38.325
2017	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	38.325
2018	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	38,325
2019	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,809	38.325
2020	0.70	127,750	127,750	153,300	408,800	78,650	102,200	119,574	51,100	53,655	127,750	143,080	874,009	1,082,809	38.325
2021	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	874,009	1,082,809	40.880
2022	0.70	127,750	127,750	153,300	408,800	76,650	102,200	119,574	51,100	53,655	127,750	143,080	674,009	1,082,839	40,880

	0.0	0.0	24.1	25.3	26.3	6'06	98.8	143.2	177.0	192.9	211.1	216.8	222.5	244.2	244.2	244.2	244.2	244.2	265.8	255.8	265.8	265.8	265.8	287.5	287.5	287.5	287.5	287.5	309.1	308.1	309.1	309.1	309,1	330.8	330.8
TOTAL																	.*	•			· .		v'					:							- :
SUB-TOTAL	000'0	0.000	24.084	25.298	26.808	59.491	63.802	85.646	105.742	115.210	125,992	129.275	132.559	146.039	146.039	146.039	146.039	146.039	159.519.	159.519	159.519	159,519	159.519	172,999	172.999	172.999	172.999	172,989	186.479	186.479	186.479	186.479	186.479	189.959	199,959
HOTEL (M-7) 280 RM	0.000	0.000	00000	0.000	0.000	16,556	18.336	19.132	24.528	26.572	28.616	28.616	28.616	31,478	31.478	31.478	31,478	31,478	34.339	34.339	34,339	34.339	34.339	37.201	37.201	37.201	37,201	37.201	40.062	40.082	40.062	40.062	40.062	42.954	42.924
HOTEL (M-6) H 250 RM	0.000	0.000	0.000	0.000	0.000	4.783	16.425	17.082	21.900	23.725	25.550	25.550	25.550	28.105	28,105	28.105	28,105	28.105	30.660	30.660	30,660	30.660	30.660	33.215	33.215	33,215	33,215	33.215	35.770	35,770	35.770	35.770	35.770	38,325	38.325
HOTEL (M-5) H	0.000	00000	4.561	4.821	5.212	5.603	5.603	5.603	6.990	7.719	8.738	9.466	10.194	11.268	11.268	11.268	11.268	11.268	12.341	12.341	12.341	12.341	12.341	13.414	13.414	13.414	13.414	13.414	14.487	14.487	14.487	14.487	14,487	15.560	15.560
HOTEL (M-4) H	0.000	0.000	5,585	5.957	6.205	6.577	6.826	6.826	8.322	9.016	9.709	9.709	9.709	10.731	10,731	10,731	10,731	10.731	11.753	11.753	11.753	11,753	11.753	12.775	12.775	12.775	12.775	12.775	13,797	13.797	13.797	13.797	13,797	14.819	14.819
HOTEL (M-3) H	0.000	0,000	13,939	14,520	15.391	15.972	18.552	16.552	19.473	21,096	22.719	22.719	22.719	25.111	25 111	25 111	25,111	25.111	27.502	27 502	27.502	27.502	27.502	29.894	29.894	29.894	29.834	29.894	32.285	32.285	32.285	32.285	32.285	34.676	34.678
	0.000	0.000	0.000	000'0	0000	000.0	0.000	11.826	14,016	15,476	17.520	18.980	20.440	22.484	22.484	22.484	22.484	22,484	24.528	24.528	24.528	24,528	24.528	26.572	26.572	26.572	26.572	26.572	28.616	28.616	28.616	28.616	28.616	30.660	30.660
SUB-TOTAL HOTEL (M-1) HOTEL (M-2)	0.000	0.000	0.000	000.0	0.000	0000	0.000	8.625	10.512	11,607	13.140	14.235	15.330	16.863	16,863	16.863	15.863	16.883	18.396	18.396	18,396	18.396	18.396	19.929	19,929	19.929	19.929	19.929	21.462	21.462	21.462	21.462	21.462	22.995	22.995
SUB-TOTAL H	0.000	0.000	0.000	0.000	0000	31 390	35.040	57.524	71,306	77.730	65.118	87.527	89.936	98.112	98.112	98.112	98.112	98.112	106.288	106.288	106.288	106.286	106.288	114.464	114,464	114.464	114.464	114.464	122.640	122,640	122,640	122.640	122.640	130,816	130.815
OTEL (H-3)	000.0	0.000	0.000	0.000	0.000	0.000	0000	18.834	23,126	25.535	28.908	31.317	33.726	36,792	36.792	36.792	36.792	36.792	39.858	39.858	39,858	39,858	39.858	42.924	42.924	42.924	42.924	42.924	45.990	45.990	45,990	45.990	45,990	49.056	49.056
HOTEL (H-2) HOTEL	0.000	0.000	0.000	0,000	0.000	15.695	17.520	19.345	24.090	26.098	28 105	28 105	28.105	30.660	30.660	30.660	30.660	30.660	33.215	33,215	33.215	33.215	33.215	35.770	35.770	35.770	35.770	35.770	38,325	38.325	38,325	38.325	38.325	40.880	40.880
_	1988	1889	0661	1991	1992	1993	1994	1995	1996	1-997	1998	1999	2000	2001	2002	2003	2004	2002	2006	2007	2008	2009	2010	2011	20.5	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Table E.1.6 Profit/Loss Calculation and Cash Flow for Middle Class Hotel

***************************************		ADMIN. EXPENSE	LEASE EXPENDITURE EXPENDI	ENDURE	NOOME	. Joseph	GOP.	ENDTURE	BUSINESS	PAYABLE	PROFI	ACCUMU- LATION	74 74	INVESTMENT TAX ALLOWANCE	F TEA TEA	ACCUMU. LATION
286	0.	4	4.0	9.8	14,8	6,2	42,0	. e	3.1	9.	2.5	4	0.7	. 0	5.0	0.5
954	4.	4.6	0.5	9.5	16.4	6.9	42.0	67	3.6	6.	£.	3.1	9.0	0.0	6	2.4
35	4.6	8.4	0.5	6.0	17.1	7.2	42.0	3.1	4	6.	5.5	5.3	6.0	0.0	2.2	4.5
96	8. 8.	6.1	0.7	12.7	21.0	9.5	42.0	3.1	6.1	с. С	4.2	KO.	-	0.0	4.2	8.7
71	4.9	9.9	0.7	13.8	23,7	10.0	42.0	3.1	6.9	1,9	5,0	14.4	7.2	0,0	5.0	13.7
38	0.0	7.2	e.0	4,8	25.6	10.7	42.0	9	8.7	1.6	7.1	21.5	1.3	65 67	3.0	17.6
50	6.9	7.2	9.0	14.8	25.6	10.7	42.0	2.0	8.7	4	7,3	28.8	1,3	8,8	0,4	21.6
2	6.9	7.5	8.0	14.8	25.6	10.7	42.0	9,0	8.7	6.	7.5	36.3	1.3	4.6	4	25.7
2001	7.6	7.9	8.0	16.3	28.1	11,8	42.0	2,0	9.6		8.7	45.0	1.4	3.9	4.8	30,5
25	7.6	7.9	9.0	16.3	28.1	11.8	42.0	9.0	9.6	1.0	8.8	53,8	4,	4.0	4.9	35.3
33	9.7	7.9	9.0	16.3	28.1	11.8	42.0	6.0	9.G	8,0	9.0	62.8	4	4.4	5.0	40.3
Ž,	9.1	7.9	9.0	16.3	28.1	11.8	42.0	2.0	9.6	9.0	9.5	72.0	4,	4.1	5.0	45.3
56	7.6	7.9	9.0	16.3	28.1	1.8	42.0	8.0	9.6	9	6.3	81.3	4	4.2	5.1	50.5
. 90	8.3	8.6	0.0	17.8	30.7	12.9	42.0	9.0	10.0	6.3	10.6	91.9	5,5	4.8	5.8	56.3
7.	8.3	8.6	6.0	17.8	30.7	12.9	42.0	2.0	10.0	0.2	10,7	102.6	ر. د.	4.8	5.9	62.2
38	6.3	8,6	0.0	17.8	30.7	12.9	42.0	٠. س	11,6	0.0	11.6	114.2	£,	5.2	6.4	68.5
80	8,3	8.6	60	17.8	30.7	12.9	42.0	£.3	11.6	0.0	11.6	125.8	1.5	5.2	4,6	74.9
0	69.33	8,6	60	17.8	30.7	12,9	42.0	٠. ن	11,6	0	11,6	137.4	1.5	5.2	4.9	81.3
**	0.6	6.0	٠,0	19.3	33.2	14.0	42.0	5.	12.7	0.0	12.7	1.50,1	1.7	5.7	7.0	88.3
25	9.0	e.	4.0	19.3	33.2	14.0	42.0	6,1	12.7	0,0	12.7	162.7	1.7	5.7	7.0	95.3
ee	0.0	6.0	1.0	19.3	33.2	14.0	42.0	£.	12.7	0.0	12.7	175.4	17	5.7	4.0	102.2
4	0.0	6,0	1.0	19.3	33.2	14.0	42.0	ۍ. دی	12.7	0.0	12.7	1.88.1	1.7	5,7	7.0	109.2
35	0.6	9.3	1.0	19.3	33.2	14.0	42.0	<u>د</u> ښ	12.7	0.0	12.7	200.8	1.7	5.7	7.0	116.2
16	7.6	10.0		20.7	35.8	15.0	42.0	6,	13.1	0.0	13.7	214.5	1.8	6,2	7.6	123.7
17	9.7	10.0		20.7	35.8	15.0	42.0	۳. ن	13.7	0	13.7	228.3	9.	6.2	7.6	131.3
1.8	5.7	10.0	£.	20.7	35.8	15.0	42.0	6.	13.7	0.0	13.7	242.0	- 8.	6,2	7.6	138.9
9	7.0	10.0	<del>-</del> :	20.7	35.6	15.0	42.0	e,	13.7	0.0	13.7	255.8	60	6.2	7.6	146.4
20	7	10.0	1.1	20.7	35.8	15.0	42.0	 	13,7	0.0	13.7	269.5	60	6,2	7.6	15,0
21	10.3	10.7	T.	25.5	38.3	16.1	42.0	. t.	4,8	0.0	14.8	284.3	9.1	6.7	8.2	162.1
22	40.0	10.7	· # #	22.2	38.3	16.1	42.0	<del>.</del>	14.8	0.0	4.8	288.2	6	6.7	8.2	170.3
.~	239.2	248.1	26.8	513.9	886.0	372.1	1,260.0	54.6	317.5	18.3	239.2	3,877.5		128.1	170.3	
									÷					E E	20.78%	

Part				***************************************														
1.0   2.1   2.6	YSAR	PROFIT DEP AFTER EXE TAX	RECLATION ENDITURE	₽. 95 108 108	ACASH PLOW	PAYMENT	CASH FLOW BALANCE	TOTAL CASH FLOW BALANCE	CASHFLOW	LOAN PEPAYMENT	INTEREST PAYABLE	TOTAL II	WESTMENT BALANCE	25 25 25	LOAN PEPAYMENT	INTEREST	TOTAL	INVESTIMES BALANC
105 3.1 3.6 4.2 2.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1													54,626					22
1.5	1993	0.5	9.1	9.6	3,6	0.0	3.6	3.6	3.6		œ. •	5.5	49.2	3.6			5.5	
2.2 3.1 7.3 13.8 0.0 13.8 4.7 7.3 2.0 11.8 17.2 22.8 17.2 22.8 17.2 22.	1894	Q.	3.1	0.0 0.0	8.5	0.0	9.5	12.1	5.0		œ.	6.9	42.3	5.0			6,8	
4.2 3.1 7.3 221 2.3 26.9 714.7 3.2 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.9 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 2.3 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.	1995	2.5		6.3	13.8	0.0	13.8	25.9	5.3		6	7.2	35.1	5.3			7.2	
10	1996	4.2	3.1	7.3	21.1	2.3	60.00	44.7	7.3		٦. ص.	11.5	23.6	7.3			11.5	
3.9         2.0         5.9         45.1         2.2         10.4         5.9         2.3         1.6         6.9         2.3         1.6         9.8 </td <td>1997</td> <td></td> <td>3.1</td> <td>80</td> <td>29.1</td> <td>2,3</td> <td>26.9</td> <td>71.6</td> <td>6.1</td> <td></td> <td><b>a</b>.</td> <td>12.2</td> <td>11.4</td> <td>8.1</td> <td></td> <td></td> <td>12.2</td> <td></td>	1997		3.1	80	29.1	2,3	26.9	71.6	6.1		<b>a</b> .	12.2	11.4	8.1			12.2	
4.0 2.0 6.0 4.11 2.3 5.85 1442 6.0 2.3 1.4 9.7 0.0 6.1 2.3 1.4 9.7 0.0 6.1 2.3 1.4 9.7 0.0 6.1 2.3 1.4 9.7 0.0 6.1 2.3 1.4 9.7 0.0 6.1 2.3 1.3 9.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1998		2.0	5,9	35.7	e e	32.8	4,40	9.0		1,6	8.0	1.6	5.9			8	
1, 2, 0	1989	0.4	2.0	6,0	4	2,3	38,8	143.2	0.9	-	7.	7.6	0.0	6.0			7.6	
4.0         2.0         6.6         6.4.7         2.2         6.5         2.3         1.1         10.2         0.0         6.6         2.3         1.1         10.2         0.0         6.6         2.3         1.1         10.2         0.0         6.6         2.3         1.1         10.2         0.0         6.6         2.3         1.1         10.2         0.0         6.6         2.3         1.1         10.2         0.0         6.6         2.3         1.1         10.2         0.0         7.0         2.3         0.6         10.0         0.0         7.0         2.3         0.6         10.0         0.0         7.0         2.3         0.0         0.0         7.0         2.3         0.0         0.0         7.0         2.3         0.0         0.0         7.0         2.3         0.0         0.0         0.0         2.3         0.0	2000	1	2.0	6.1	47.2	6 6	4	188.1	6.1		 	10.7	0	6,1			7.6	
2.0 2.0 6.6 66.8 2.3 58.6 4 6.9 2.3 1.0 10.1 0.0 6.9 2.3 1.0 10.1 0.0 0.0 5.9 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2001	8,4	2.0	8	54.0	6	51.7	239.8	6.8		Ţ:	10.2	0.0	9.9			10.2	
5.0 2.0 7.0 678 2.3 65.5 36.3 7.0 2.3 0.6 10.0 0.0 7.0 2.3 0.6 10.0 0.0 7.0 2.3 0.6 10.0 0.0 7.0 2.3 0.6 10.0 0.0 7.0 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.1 2.3 0.6 10.0 0.0 7.7 0.0 0.0 7.7 0.0 0.0 7.7 0.0 0.0	2002	4.0	2.0	6.9	80,8	20,03	58.6	298.4	9.0		0.1	10.1	0.0	6,8			10,1	
005 5.6 5.7 7.0 74.8 2.3 72.6 436.4 770 2.3 0.6 10.0 0.0 770 2.3 0.6 10.0 0.0 0.0 770 2.3 0.6 10.0 0.0 0.0 770 2.3 0.6 10.0 0.0 0.0 770 2.3 0.6 10.0 0.0 0.0 770 2.3 0.6 10.0 0.0 0.0 770 0.0 0.0 771 0.0 0.0 0.0 0.0 771 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2003		2.0	7.0	67.8	23	65.5	363.9	7.0		9.0	10.0	0.0	7.0	٠		10.0	
5.1 2.0 7.1 82.0 7.1 82.0 7.2 85.4 87.5 516.1 7.1 2.3 0.5 9.9 0.0 7.1 2.3 0.5 9.9 0.0 0.0 7.1 2.3 0.5 9.9 0.0 0.0 7.1 2.3 0.5 9.9 0.0 0.0 7.2 8.2 10.3 10.4 0.0 7.7 10.3 0.0 10.5 10.3 10.5 10.3 10.5 10.3 10.5 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	2004		5.0	7.0	74.8	25	72.6	436.4	7.0		9.0	10 0	0.0	7.0			10.0	
5.6         2.0         7.6         9.5.8         2.3         9.5.4         0.0         7.8         2.3         10.4         0.0         7.9         2.3         10.4         0.0         7.9         2.3         10.4         0.0         7.9         2.3         10.4         0.0         7.7         0.0         0.0         7.7         0.0         0.0         7.7         0.0         0.0         7.7         0.0         0.0         0.0 <th< td=""><td>2005</td><td></td><td>2.0</td><td>7.1</td><td>82.0</td><td>69.</td><td>78.7</td><td>516.1</td><td>7.1</td><td></td><td>0</td><td>Ġ,</td><td>0,0</td><td>7.1</td><td></td><td></td><td>O.</td><td></td></th<>	2005		2.0	7.1	82.0	69.	78.7	516.1	7.1		0	Ġ,	0,0	7.1			O.	
000 5.9 2.0 7.9 9.77 10.5.3 0.0 105.3 804.4 77 0.0 0.0 77 0.0 0.0 77 0.0 0.0 77 0.0 0.0	2006		2.0	7.8	85.8	S. S.	87.5	603.6	7.8		0.3	10.4	0.0	7.8			10,4	
0.08 6.4 1.3 7.7 1155.3 0.0 115.3 804.4 7.7 0.0 0.0 7.7 0.0 0.0 7.7 0.0 0.0 7.7 0.0 0.0	2007	6.6 6.0	2.0	4.0	7.76	2,3	95.4	0.080	7.0		9	10.3	0.0	7.8			10.3	
64 13 77 113,0 0.0 1206 1038,0 377 0.0 0.0 77 0.0 0.0 77 0.0 0.0 77 0.0 0.0	2008	6,4	5.	7.7	105.3	0.0	105.3	804.4	7.7		0,0	7.7	0.0	7.7			7.7	
110 6.4 1.3 7.7 120.6 0.0 120.6 1.003.0 7.7 0.0 0.0 7.7 0.0 7.	9000	4.9	٠. ن	7.7	113.0	0	113.0	917.3	7.7		0.0	7.7	0.0	7.7			7.7	
7.0 1.3 8.2 128.9 0.0 128.9 1166.9 8.2 0.0 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2010	6.4	6.	7.7	120.6	0.0	120.6	1,038.0	7.7		0,0	7.7	0.0	7.7			7.7	
7.0 1.3 8.2 137.1 0.0 145.4 1,440.4 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2011	7.0	۳. س	89.53	128.9	0.0	128.9	1,160,9	9.2		0.0	9	0.0	6.2			8.2	
7.0 1.3 8.2 145.4 0.0 145.4 1440.4 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2012	2.0	£.	8.2	137.1	0.0	137.1	1,304,0	8.2		0	89	0,0	8.2			8.2	
7.0 1.3 8.2 153.6 0.0 153.6 1,603.0 8.2 0.0 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2013	7.0	۳. ص	8.2	145.4	0.0	145.4	1,440.4	8.2		0.0	8	0.0	8.2	•		9.2	
7.0 1.3 8.2 161.9 0.0 161.9 1,764.9 8.2 0.0 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 8.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2014	7.0	6.	8,2	53.6	0.0	153.6	1,603.0	8.2		0.0	8	0.0	. 8.2			8.2	
76 13 88 170.7 0.0 170.7 1,0356 8.8 0.0 0.0 8.8 0.0 8.8 0.0 8.8 0.0 8.8 0.0 0.0	2015	7.0	6.5	8.2	161.9	0.0	161.9	1,764.9	8.2		0.0	8.2	0.0				8,2	
7.6 1.3 8.8 179.5 0.0 178.5 2,115.1 8.8 0.0 0.0 8.8 0.0 8.8 0.0 0.0 8.8 0.0 0.0	5016	7 6	£.	9	170.7	0.0	170.7	1,035.6	æ		0.0	an an	9	3,			8.8	
7.6 1.3 8.8 188.4 0.0 188.4 2.303.5 8.8 0.0 0.0 8.8 0.0 8.8 0.0 8.8 0.0 8.8 0.0 8.8 0.0 8.8 0.0 8.8 0.0 8.8 0.0 8.8 0.0 0.0	2017	7.6	4.	8.8	179.5	0	178.5	2,115.1	8	٠.	0.0	<b>60</b>	0,0	8,			8.8	
7.6 1.3 8.8 1972 0.0 1972 2.500.7 8.8 0.0 0.0 8.8 0.0 8.8 0.0 8.8 0.0 0.0	2018	7.6		8.8	188.4	0.0	188.4	2,303.5	8.8		0	8.8	0,0	80			8,8	
7.6 1.3 8.8 206.1 0.0 206.1 2.706.8 8.8 0.0 0.0 8.8 0.0 0.0 8.8 0.0 0.0 8.8 0.0 0.0	2019	7.6	69	8	197.2	0.0	197.2	2,500.7	80		0,0	80	0.0	3.6			69	
022 8.2 1.3 9.4 215.5 0.0 215.5 2,922.3 9.4 0.0 0.0 9.4 0.0 9.	2020	7.6	(P)	8.8	206.1	0.0	206 1	2,706.8	80		0.0	8.8	0.0	8			8.8	
022 8.2 1.3 9.4 224.9 0.0 224.9 3,147.2 9.4 0.0 0.0 9.4 0.0 9.4 0.0 0.0 9.4	2021	8:5	۳. د.	9.4	215.5	0.0	215.5	2,922.3	4.0		0.0	4	0,0	7.6			4	
170.3 54.6 224.9 3.174.5 27.3 3.147.2 ROI = 17.48%	2022	8.2	1.3	<b>4</b> .0	224.9	0.0	224.9	3,147.2	***		0.0	4.0	0.0	76		•	4.0	
170.3 54.6 224.9 3.174.5 27.3 3.147.2 ROI = 17.48%				٠.								. :						
170.3 54.6 224.9 3,174.5 27.3 3,147.2 ROI = 17.46%																	٠	
RQ = 17.46%	:	170.3	54.6	9 800	3 174 5	27.3	3 147 2	31.429.9		÷	•			1				
• .		2	21.2													  -		
				-											1	*.		
	•							•										
	1	:																1

Table E.1.7 Economic Costs of Desaru New Tourism Core Development

(UNIT: Million Rgt.)

						10	min. misson c	Ar.)
nstruction Item	1989	1990	1991	1992	1993	1994	1995 To	OTAL.
Tourist Facility Coastal Reson Corridor	15.703	23.592	75.809	140.391	118.615	103.029	32.940	510.07
Daytripper/Daily activity Zone	8.289	66,868	29.132	47.844	25.684	20.634	0.000	198.25
Bandar Penewar Service Town	0.463	8.739	30,029	28.728	0.000	0.000	0.000	67.97
Other Tourist Activity Zone	0.581	0,516	0.433	7.367	0,149	2.908	0.000	11.95
Tourist Facility Total	25.056	99,714	135.403	224,128	144,448	126,572	32.940	788.26
Infrastructure Road Network	0.774	11.197	12.006	7.472	2,152	0.444	0,000	34.04
Jetty	0.000	0.000	0.154	4.552	0.000	0.965	0.000	5,67
Water Supply System	0.731	6.998	5.713	5.713	3.262	0.000	0.000	22,41
Sewerage System	2.224	7.288	6.718	26.708	23.358	0.000	0.000	66.29
Solid Waste Disposal System	0.000	0.319	1.728	2.552	2.480	0.000	0.000	7.08
Electrical System	1.098	18.394	26.488	2.597	0.718	0.672	0.000	49.96
Telecommunication System	0.099	0.876	0.657	0.657	0.000	0.000	0.000	2.28
Infrastructure Total	4.925	45.072	53.464	50.252	31,969	2.081	0.000	187.76
VELOPMENT COST TOTAL	29.982	144,786	188.867	274.380	176,418	128.653	32,940	976.02

CONSTRUCTION COST OF PROJECT (REDUCED 45%, 35%, 100%) (ECONOMIC PRICES)

(UNIT: Million Rgt.)

· · · · ·						•		4
onstruction Item	1989	1990	1991	1992	1993	1994	1995 TO	JAK
Tourist Facility								
Coastal Resort Corridor	13.006	19.540	62.789	116.278	98.243	85.334	27.282	422.47
Daytripper/Daily activity Zone	5.505	44.407	19.347	31.641	17.057	13.703	0.000	131.65
Bandar Penewar Service Town	0.278	5.035	17.303	16.552	0.000	0.000	0.000	39.16
Other Tourist Activity Zone	0.392	0.348	0.292	4.967	0.101	1.961	0.000	8.06
Tourist Facility Total	19.181	69,330	99.730	169.438	115.400	100.998	27.282	601.359
0.35 0.35 Infrastructure	0.35	0.35	0.35	0.35	0.35			· · · · · · · · · · · · · · · · · · ·
Road Network	0.271	3.919	4.202	2.615	0.753	0.155	0.000	11.91
Jetty	0.000	0.000	0.054	1.593	0.000	0.338	0.000	1.98
Water Supply System	0.256	2,449	2.000	2.000	1.142	0.000	0.000	7.84
Sewerage System	0.778	2.551	2,351	9.348	8,175	0.000	0.000	23.20
Solid Waste Disposal System	0.000	0.112	0,605	0.893	0.868	0.000	0.000	2.478
Electrical System	0.384	6.438	9.271	0.909	0.251	0.235	0.000	17.48
Telecommunication System	0.035	0.306	0.230	0.230	0.000	0.000	0.000	0.80
Infrastructure Total	1.724	15.775	18.713	17.588	11.189	0.728	0.000	65.71
EVELOPMENT COST TOTAL	20.905	85.105	118,443	187.026	126,590	101.726	27.282	667.07

Table E.1.8 Economic Costs of Bus Vehicle and Ferry Vessel

		9	200		700	2	· •	0 D	a o
BLSOPERATIONS									
No of Bus 1. Belungkor - Desaru	-		evi	-		+-	-	-	
2. Oil Palm/Rubber Musium 3. Intra-Ammentiv Core					0	5	-	8	<u>(η</u> 4
4. Intra-Penawar	-				,	CV	-	-	4
5. Beachside Corridor Line	ć	c	c	•	,	CV U	~ <b>~</b>	∓- <b>u</b>	4 .
999	<b>5</b>	•	J	-	3	•	ł	n	1
Price of Bus	0	0	0	000	000	000	000	000	
Our Fice at Market (Large)	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	
•	0.100	0.100	0.100	0.100	0.100	0.100	0,100	0.100	
	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	
conomic Unit Price (Large)	0.00 0.00 0.00 0.00	- C	0.140	0.140			0.00	0.40	
(Small)	0.070	0.070	0.070	0.020	0,070	0.070	0.070	0.070	
Total Cost of Purchasing Bus	0.000	0.000	0.280	0.140	0.315	0.543	0.385	0.438	2.100
Operation/Maintenance	0.000	0.000	0.409	0.613	1.022	1.854	2.497	3.037	
Total Cost of Bus Operation	0.000	0.000	0.689	0.753	1.337	2.397	2.882	3.474	
					. :				
FERRY OP ERATION									
No of Ferry Vessels			•	•	<del>.</del>	•		•	• •
2. ditto; (passengers)					•		-	<b></b>	
Sub-total	0		<del>-</del>	61	<del></del>	cu	<del>-</del>	<b>∞</b>	<b>о</b>
Price of Ferry Link Orice Webicle Vec.)	000 8	9,000	9 000	900	6.000	6.000	000	6.000	
Unit Price (Passenger Ves.)	4.000	4.000	4.000	4.000	4,000	4.000	4.000	4,000	. :
Conversion Factor	0.910	0.910	0.910	0.910	0.910	0.910	0.910	0.910	
Economic Unit Price (Pers.)	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	
Total Cost of Purchasing Vessels	0.000	0.000	5,460	9.100	5.460	9.100	5.460	9,100	43.680
Operation/Maintenance	0.000	0.000	6.000	12.000	24.000	36.000	42.000	54,000	
				10					

Table E.1.9 Estimation of Foreign Exchange Earning

YEAR	NO. OF TOURIST ARRIVALS NO. OF TOURIST ARRIVALS BY TRANSPORTATION MOOD	RPIVALS	NO. OF TOURIS	T ARRIVALS BY	TRANSPORT	COOMMOUN	QUEST E	QUEST EXPENDITURE IN HOTTEL (Rot.)	NHOTTEL	OTHER DALY EXPENDITURE (Bat)		TRANSPORTATION EXPEND TO DESART	NO.	TOTAL EXP	TOTAL EXPENDITURE PER DAY Rat )	ERDAY	
	72.000		HOTEL GLEST		DAYTRIPPER										FOTE	DAY-	i
	HOTEL GUEST DAYTRIPPER BY ROAD	<b>NYTRIPPER</b>		BY FERRY B		BY FERRY	Ī	MED.	MED.					GLEST		TRIPPER	
			20%	80%	27%	73%	CASS	CLASS 1	CLASS 2	QUEST	TRIPPER BLS		FERRY	(MAX)	MINIMUM		٠J
1988			0		0	0	.4	200 180	0 17(	0 100	35	rc C	15	315	285	50	
1989	0	0	0	0	G	О		200 180	171	001 0	35	5.	151	315	285	50	
1990	61,596	31,995	12,319	49,277	8,639	23,356	•4	200 180	17(	001 0	35	15	1. 3.	315	285		
1991	64,700	479,325	4	51,760	129,418	349,907	.4	200 180	-	0 100	35	5	4.	315	285	20	
1992	68,563	675,146		54,850	182,289	492,857	.4	200 180	0 170	100	ອ	15	 33		285	20	
1993	215,937 1	1,574,655	•	172,750	425,157	1,149,498	••	•	-	001 0	ဗ	15	 ت	315	285		
1994	-	1,877,454		187,522	506,913	1,370,541	.*		•	100	35	45	1,5	315	285		
1995	w	2,571,000		264,480	694,170	1,876,830		200 180	0 170	0 100	35	to to	S	315	285	20	
1996		2,623,712		299,821	708,402	1,915,310	.4		0 190	100		7.	 S	335	305		
1997		2,676,187	7 81,681	326,722	722,570	1,953,617		220 200	-	100	35	<u></u>	15	335	308	90	
1998		2,729,710		357,458	737,022	1,992,688	-4		_	100		5	15	335	305	50	
1999	458,805 2	2,784,305		367,044	751,762	2,032,543		220 20(		100		<del>ر</del> ئ	15	335	305	20	
2000	470,787 2	2,839,991	94,157	376,630	766,798	2,073,193	.4	220 200		100	35	5	15	335	305	20	
2001		2,896,790		376,630	782,133	2,114,657	.4			100		t.	15	355	325	50	
2002		2,954,726	3 94,157	376,630	797,776	2,156,950	••		0 210	100		<u>გ</u>		355	325	50	
2003		3,013,821	94,157	376,630	813,732	2,200,089	••	240 22(		100		<u>ب</u> س	 53	355	325	50	
2004	470,787	3,074,097	7 94,157	376,630	830,058	2,244,091	••			100	9	ر ئ	ب ائا	355	325	50	
2005		3,135,579		376,630	846,606	2,288,973	.4			+	35	15	1.55	355	325	20	
2006	470,787 3	3,198,291		376,630	863,539	2,334,752				100.		35	ر ح	375	345	20	
2007		3,262,257	_	376,630	880,809	2,381,448	14			100		t.		375	345	50	
2008		3,327,502	94,157	376,630	898,426	2,429,076	14	260 24(	0 230	100	35	5	<del>ا</del> ئ	375	345	20	
2009	470,787	3,394,052		376,630	916,394	2,477,658	•*			100	35	15	5	375	345	20	
2010		3,461,933		376,630	934,722	2,527,211	•4	260 24(	0 230	001 0	35	5	15	375	345		
				•													į

		5) (M-5) RM 250 RM 0	00	0 0 8 28	0 0 328 351	0 0 828 328 361	0 0 2 8 2 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 228 328 367 960 960	250 250 3851 3861 9860	250 250 3851 3851 3860 980 980	250 0 0 328 381 386 386 986 986 792 1	25.2 25.2 25.2 25.0 25.0 25.0 25.0 25.0	25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2	25.2 25.2 25.2 25.2 25.2 25.2 25.3 25.3	255 255 255 255 255 255 255 255 255 255	255 255 255 255 255 255 255 255 255 255	250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	250 250 3328 3328 3361 3361 3361 3361 3361 3361 3361 336	250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	(M-4) (M-5) 100 RM 105 RM		105	(M-4) (M 100 RM 105 0 32,850	(M-4) (M 100 RM 105 0 32,850 35,040	100 RM 105 0 0 32,850 35,040 36,500	100 FM 105 32,850 35,040 36,500 38,690	(M-4) (M 100 RM 105 0 32,850 35,040 38,690 40,150	100 RM 105 100 RM 105 32,850 35,040 38,500 38,690 40,150	100 RM 105 100 RM 105 32,850 35,040 38,500 38,500 40,150 40,150	100 RM 105 32,850 35,040 38,500 38,500 40,150 47,450	100 RM 105 100 RM 105 32,850 35,040 38,590 40,150 40,150 47,450 51,100	100 RM 105 32,850 32,850 35,040 38,500 40,150 40,150 40,150 51,100	100 RM 105 100 RM 105 32,850 35,040 38,590 40,150 40,150 40,150 47,450 51,100 51,100	(M-4) (M-100 RM 105 100 RM 105 32,850 38,500 40,150 40,150 47,450 51,100 51,100 51,100 51,100	(M-4) (M-4) 100 RM 105 32,850 38,500 40,150 47,450 51,100 51,100 51,100 51,100 51,100	100 RM 105 (M-4) (	(M-4) (M-4) (M-100 RM 105 RM 105 RM 105 RM 105 RM 105 RM 105 RM 150 RM 150 RM 150 RM 150 RM 150 RM 100 RM 1	(M-4) (M-4) 100 BM 105 100 BM 105 B5.040 38.690 40.150 40.150 40.150 47.450 51.100 51.	(M-4) (M-4) 100 BM 105 BM 105 BS CO 38.650 AC 150 AC 150 BS CO 150	100 RM 105 (M-4) (M-4) 100 RM 105 (M-105 RM 105 RM	(M-4) (M-4) 100 BM 105	(M-4) 100 RM 105 32,850 38,500 38,500 40,450 40,450 47,450 51,100 51,100 51,100 51,100 51,100 51,100 51,100 51,100
	(M-2) (M-3) 200 RM 234 RM	23.8	23. \$3.	23.3	28.	20000	000000	000000	0000000	200 RM 234 200 RM 234 0	200 RM 234 234 230 RM 234 234 234 234 234 234 234 234 234 234	200 RM 234 200 RM 234 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 RM 234 200 RM 234 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 FM 234 200 FM 234 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	65,700 102,200 1	200 FM 234 200 FM 234 200 102,200 1	65,700 87,380 102,200 1102,200	200 RM 234 200 RM 234 0 0 0 0 0 0 0 0 0 0 0 0 0 70,386 1 77,386 1 77,386 1 77,386 1 102,200 1 102,200 1 102,200 1	65.700 86.77,380 102,200 1102,	65,700 F7,380 102,200 1102,200	230 FM 234 234 236	65,700 FM 234 234 234 234 234 234 234 234 234 234	65,700 686 77,380 102,200 102,
( - E	300 RM 150 RM 200	150 RM 0 0	150 RM 0 0	150 RM 0 0 0 0	150 RM 0 0 0 0 0 0	150 RM 0 0 0 0 0 0 0 0 0	150 RM	150 RM	150 RM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085	150 RM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085	150 RM 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085 120 52,560	150 RM 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085 170 52,565 140 58,035 140 65,700	150 RM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085 120 52,560 170 58,035 140 65,705	150 RM 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085 120 52,560 170 58,035 170 58,730 175 58,735 175 58	150 RM  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085 120 52,560 170 58,035 170 65,71,175 180 76,650	150 RM  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	150 RM  0	150 RM  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	150 RM  0 0 0 0 0 0 0 0 0 0 0 0 0 170 47,085 120 52,560 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 58,035 170 76,650 170 76,650	150 RM  0 0 0 0 0 0 0 0 0 0 0 0 0 1,000 RM  1,	150 RM  0	150 RM  0	150 RM  0
250 RM 250 RM 300		0	00	000	0000	00000		0 0 0 0 78,475 87,600	0 0 0 0 78,475 87,600 96,725	0 0 0 0 78,475 87,600 96,725	0 0 0 78,475 87,600 96,725 109,500	78,475 87,600 96,725 109,500 118,625	78,475 0 0 78,475 87,600 96,725 109,526 118,526 127,750	78,475 87,600 118,525 118,525 125,725 127,730 127,730	28,475 87,600 96,725 109,500 118,625 127,750 127,750	0 0 0 0 0 0 0 87,475 87,600 109,500 118,625 127,750 127,750 127,750	0 0 0 0 0 0 0 0 87,475 87,600 118,625 127,750 127,750 127,750 127,750	28,475 87,600 96,725 109,500 118,625 127,750 127,750 127,750 127,750 127,750	28,475 87,600 96,725 109,726 118,625 127,750 127,750 127,750 127,750 127,750	28,475 87,600 96,725 109,526 118,526 127,730 127,730 127,750 127,750 127,750 127,750 127,750 127,750 127,750	27,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750	27,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750	28,475 87,475 87,600 96,725 109,500 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750 127,750
M 250 RM 280 RM		0.00 00.0	0.00 0.00	0.00 0.00 0.00 0.35 0.00	0.00 0.00 0.00 0.03 0.00 0.37	0.00 0.00 0.00 0.035 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.43 0.43	0.00 0.00 0.00 0.00 0.87 0.00 0.43 0.43 0.43	0.00 0.00 0.00 0.00 0.00 0.43 0.43 0.43	0.00 0.35 0.00 0.45 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43	0.00 0.35 0.37 0.40 0.43 0.43 0.43 0.43 0.43 0.45 0.45 0.45 0.48 0.48 0.52	0.00 0.00 0.35 0.00 0.40 0.43 0.43 0.43 0.50 0.43 0.50 0.53 0.60 0.70	0.00 0.00 0.35 0.00 0.43 0.43 0.43 0.52 0.43 0.50 0.60 0.60 0.70	0.00 0.00 0.00 0.00 0.00 0.43 0.43 0.52 0.60 0.53 0.60 0.60 0.70 0.70	0.00 0.00 0.00 0.00 0.00 0.43 0.43 0.43	0.00 0.00 0.00 0.00 0.03 0.43 0.43 0.43	0.00 0.00 0.35 0.40 0.40 0.43 0.43 0.43 0.43 0.43 0.50 0.43 0.50 0.50 0.50 0.50 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70	0.00 0.35 0.35 0.00 0.40 0.43 0.43 0.43 0.43 0.50 0.43 0.50 0.70 0.70 0.70 0.70 0.70 0.70 0.70	0.00 0.00 0.00 0.00 0.00 0.43 0.43 0.43 0.43 0.45 0.44 0.45 0.45 0.65 0.70	0.00 0.35 0.35 0.00 0.35 0.43 0.43 0.43 0.43 0.53 0.65 0.65 0.70	0.00 0.00 0.00 0.00 0.00 0.00 0.43 0.43 0.43 0.43 0.43 0.43 0.60 0.70	0.00 0.00 0.00 0.00 0.00 0.00 0.43 0.43 0.43 0.43 0.43 0.43 0.53 0.60 0.70	0.00 0.00 0.35 0.00 0.40 0.43 0.43 0.43 0.43 0.43 0.43 0.50 0.70
(M - 5) (M - 4) (M - 234 RM 100 RM 105	-	0.00 0.00	0.00 0.00	0.00 0.00 0.00 0.00 0.48 0.45	0.00 0.00 0.48 0.45 0.50 0.48	0.00 0.00 0.00 0.45 0.50 0.53 0.50	0.00 0.00 0.00 0.48 0.53 0.53 0.55 0.55	0.00 0.00 0.48 0.50 0.55 0.55 0.55 0.55	0.00 0.00 0.48 0.50 0.55 0.55 0.55 0.57 0.55 0.55	0.00 0.00 0.48 0.50 0.53 0.53 0.57 0.55 0.55 0.60	0.00 0.00 0.48 0.50 0.53 0.55 0.57 0.57 0.59 0.60 0.65 0.65	0.00 0.48 0.50 0.53 0.53 0.55 0.55 0.57 0.55 0.60 0.70 0.70	0.00 0.40 0.50 0.53 0.53 0.55 0.55 0.57 0.57 0.60 0.70 0.70	0.00 0.00 0.00 0.50 0.53 0.53 0.55 0.55	0.00 0.00 0.00 0.50 0.53 0.53 0.55 0.55	0.00 0.00 0.48 0.50 0.53 0.55 0.55 0.55 0.65 0.60 0.70 0.70 0.70 0.70 0.70	0.00 0.48 0.58 0.53 0.55 0.55 0.57 0.60 0.70 0.70 0.70 0.70 0.70 0.70	0.00 0.48 0.50 0.53 0.53 0.55 0.55 0.55 0.55 0.65 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	0.00 0.48 0.54 0.53 0.53 0.55 0.55 0.57 0.55 0.70 0.70 0.70 0.70	0.00 0.48 0.58 0.53 0.55 0.55 0.57 0.57 0.70 0.70 0.70 0.70	0.00 0.00 0.48 0.50 0.50 0.53 0.53 0.55 0.55 0.50 0.70	0.00 0.48 0.58 0.53 0.55 0.55 0.55 0.65 0.65 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
M 300 RM 150 RM 200 RM		00.0 0.00	0.00 0.00	0.00 0.00	00.00	0.00	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.43 0.43	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.43 0.43	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.70
250 RM																							0.00 0.00 0.00 0.00 0.00 0.00 0.43 0.53 0.65 0.53 0.65 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7

House   Hous	QVIA			Į.	30 14								ř	אָדאָר מַטְּעָבָּי	CALEC		TOTAL OTHER DALY	ER DALY	
HOTE	§			WILLION WILLION	69 ∑ ¥ -							٠	- O	PROJECT	2			TORREST TO	() ()
Characteristics   Characteri			TOTAL	HOTEL TEL	•		ŀ		İ.		1	1	١.	P	3	TOTAL	HOTEL	DAY	PROJECT
141,671 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		(M-7) 280 RM		(H-1) 250 RM	(H-2) 250 RM	Ψ.	⊋₹				_		· >	UASS C ⊒ii. Rgt. (r	폭별	mil. Rgt.)	GLEST	TRIPPER	
0 141,671 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							1				•								
0 141,671 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1988	O	٥	0.0		0.0	0.0	0.0	0.0	0.0	0	0.0	D.0	0.0	0.0	0.0	0.0	0.0	0.0
0         141,671         0.0         0.0         0.0         141,671         0.0         0	1989	0	0	0.0		0.0	0.0	0.0	0.0	0	0.0	0	0	0.0	0.0	0 0	0.0	0.0	0.0
0         148,811         0.0         0.0         14.5         6.0         4.8         0.0         0.0         0.0         0.0         15.4         6.2         25.3         25.3         25.3         6.5         16.8         8.6         9.0         0.0         0.0         0.0         15.4         6.2         1.0         0.0         0.0         15.4         6.2         1.0         0.0         0.0         15.6         1.6         1.0         0.0	1990	0	141,671	0.0		0.0	0.0	0.0	3.0	9 9	4.6	0.0	0.0	0.0	24.1	24.1	6.2	1.1	7.3
10, 157,695	1891	0	148,811	0.0		0.0	0.0	0.0	14.5	6.0	4.8	0.0	0.0	0.0	25.3	25.3	6.5	16.8	23.2
91,980 496,656 15.7 15.7 10.0 0.0 16.0 6.6 5.6 14.8 16.6 31.4 59.5 90.9 21.6 55.1 10.2,200 539,127 17.5 17.5 17.5 0.0 0.0 16.0 6.6 5.6 16.4 18.4 55.0 8.8 98.8 23.4 65.7 10.2,200 539,127 17.5 17.5 17.5 10.0 0.0 10.0 16.6 6.8 5.6 16.4 18.4 55.0 19.8 91.8 23.4 65.7 10.2,200 122,640 861,984 24.1 24.1 24.1 24.1 10.5 14.0 19.5 8.5 17.0 21.9 24.5 77.3 105.7 1770 37.5 91.8 122,640 861,984 24.1 24.1 22.1 10.5 14.0 19.5 8.3 7.0 21.9 24.5 77.3 105.7 1770 37.5 91.8 13.2 80 1.022,694 28.1 28.1 31.3 14.2 19.0 22.7 9.7 82.5 25.6 28.6 87.1 126.0 211.1 44.7 99.4 4.3,080 1,082,809 28.1 28.1 31.3 14.2 19.0 22.7 9.7 87.2 25.6 28.6 87.1 146.0 24.2 47.1 101.4 4.7 99.4 4.3,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 101.4 4.3,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 101.4 4.3,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 101.4 4.3,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 101.4 4.3,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 101.4 4.3,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 101.4 4.3,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 101.4 143,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 24.2 47.1 114.2 143,080 1,082,809 30.2 30.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 114.2 143,080 1,082,809 30.2 30.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.2 12.1 144,000 1,082,809 30.2 30.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.2 12.1 144,000 1,082,809 1,082,809 30.2 30.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.2 12.1 118.1 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.2 12.1 118.1 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.1 12.1 12.1 12.1 12.1 12.1 12.1 1	1992	0	157,695	0.0		0.0	0.0	0.0	15,4	6.2	5.2	0.0	0.0	0.0	26.8	26.8	6.9	23.6	30.5
102,200         539,127         17,5         17,5         17,5         17,5         17,5         17,5         17,5         17,5         17,5         17,5         17,5         17,5         17,6         18,8         8,5         11,8         16,6         18,8         18,6         18,8         18,6         18,8         18,6         17,1         19,1         57,5         85,5         143,0         90,0           122,860         339,328         26,1         26,2         27,1         9,7         27,2         26,6         27,7         143,0         90,0	1993	91,980	496,658	15.7	•	0.0	0,0	0.0	16.0	9.9	5.6	4.8	16.6	31.4	59.5	6.06	21.6	55.1	76.7
106,288         772,070         19.3         18.8         18.6         18.6         6.8         5.6         17.1         19.1         57.5         85.5         143.0         33.1         90.0           122,640         3861,384         24.1         24.1         24.1         24.1         24.5         77.0         21.9         24.5         77.0         37.0         37.0         37.0         37.0         37.0         37.7         23.7         26.0         24.5         77.0         37.0         37.7         37.0         37.5         37.0         37.0         37.0         37.7         37.7         37.0         37.5         37.7	1994	102,200	539,127	17.5		0.0	0.0	0.0	16.6	6.8	5.6	16.4	18,4	35.0	63.8	98.8	23.4	65.7	89.2
122,640         861,984         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,1         24,2         24,2         24,2         71,2         13,2         16,2         16,2         16,2         16,2         16,2         16,2         16,2         16,2         16,2         16,2         17,7         16,2         19,2         40,8         93,7         17,0         27,7         16,2         19,2         40,8         93,7         17,2         18,7         16,2         18,2         10,2         26,6         27,7         16,2         19,2         44,7         95,5         144,7         95,7         10,2         26,6         28,7         16,2         16,2         17,7         11,3         28,1         16,0         22,2         26,7         10,7         11,3         28,1         16,0         24,2         47,1         10,1         44,7         95,5         47,1         10,1         44,7         95,5         16,0         47,1         10,1         47,1         10,1         47,1         10,1         47,1         10,1         47,1         10,2         25,5         25,6	1995	106,288	772,070	19.3		18.8	8,5	17.8	16.6	6.8	5.6	17.1	19.1	57.5	85.5	143.0	33.1	90.0	123.0
132,860         939,328         26.1         26.5         11.6         15.5         21.1         9.0         7.7         25.6         28.6         77.7         115.2         192.9         40.8         93.7           143,080         1,027,694         28.1         28.1         28.1         28.1         28.7         3.7         15.6         28.6         85.1         126.0         211.1         44.7         95.5           143,080         1,025,252         28.1         28.1         31.7         15.2         22.7         9.7         10.2         25.6         28.6         87.5         129.3         221.5         97.1         10.1         44.7         95.5         10.1         93.7         10.2         25.6         28.6         87.5         128.6         87.5         10.1         10	1996	122,640	861,984	24.1		23.1	10.5	14.0	19.5	6,3	7.0	21.9	24.5	71.3	105.7	177.0	37.5	91.8	129.3
143,080         1,027,694         28.1         28.1         28.1         28.1         17.5         22.7         9.7         8.7         25.6         28.6         85.1         126.0         211.1         44.7         95.5           143,080         1,055,252         28.1         28.1         31.3         14.2         19.0         22.7         9.7         9.5         25.6         28.6         87.5         129.3         216.8         45.9         97.5           143,080         1,082,809         28.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         101.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         101.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         107.6           143,080         1,082,809         30.7         3	1997	132,860	939,328	26.1		25.5	11.6	15.5	21.1	0.6	7.7	23.7	26.6	7.77	115.2	192.9	40.8	93.7	134.5
143,080         1,055,252         28.1         28.1         31.3         14.2         19.0         22.7         9.7         9.5         25.6         28.6         87.5         129.3         216.8         45.9         97.5           143,080         1,082,809         28.1         28.7         16.2         25.6         28.6         89.9         132.6         222.5         47.1         99.4           143,080         1,082,809         30.7         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         103.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         103.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         109.7           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1 <td< td=""><td>1998</td><td>143,080</td><td>1,027,694</td><td>28.1</td><td></td><td>28.9</td><td>13.1</td><td>17,5</td><td>22.7</td><td>9.7</td><td>8.7</td><td>25.6</td><td>28.6</td><td>85.1</td><td>126.0</td><td>211.1</td><td>44.7</td><td>95.5</td><td>140.2</td></td<>	1998	143,080	1,027,694	28.1		28.9	13.1	17,5	22.7	9.7	8.7	25.6	28.6	85.1	126.0	211.1	44.7	95.5	140.2
143,080         1,082,809         28.1         28.1         15.3         20.4         22.7         9.7         10.2         25.6         28.6         89.9         132.6         222.5         47.1         101.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         101.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         103.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         107.5           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         109.7           143,080         1,082,809         30.7         36.8         16.9	1999	143,080	1,055,252	28.1		31,3	14.2	19.0	22.7	9.7	S	25.6	28.6	87.5	129.3	216.8	45.9	. 97.5	143.3
143,080         1,082,809         30.7         30.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         101.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         103.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         103.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         109.7           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         111.9           143,080         1,082,809         30.7         36.8         16.9	2000	143,080	1,082,809	28.1		33.7	15.3	20.4	22.7	9.7	10.2	25.6	28.6	89.9	132.6	222.5	47.1	99.4	146.5
143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         103.4           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         105.5           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         107.6           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         38.1         146.0         244.2         47.1         109.7           143,080         1,082,809         33.2         39.9         18.4         24.5         27.5         11.8         12.3         30.7         34.3         106.3         159.5         265.8         47.1         114.2           143,080         1,082,809         33.2         33.9         18.4	2001	143,080	1,082,809	30.7		36.8	16.9	22.5	25.1	10.7	<u>.</u> 6,	28.1	31.5	98.1	146.0	244.2	47.1	101.4	148.5
143,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 244.2 47.1 105.5 143,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 244.2 47.1 107.6 107.6 143,080 1,082,809 33.2 33.2 33.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.5 143,080 1,082,809 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.5 143,080 1,082,809 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.5 143,080 1,082,809 33.2 33.2 33.2 33.2 33.2 33.2 33.2 33.	2002	143,080	1,082,809	30.7		36.8	16.9	22.5	25.1	10.7	÷.	28.1	31,5	98.1	146.0	244.2	47.1	103.4	150.5
143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         107.6           143,080         1,082,809         30.7         36.8         16.9         22.5         25.1         10.7         11.3         28.1         31.5         98.1         146.0         244.2         47.1         109.7           143,080         1,082,809         30.2         39.9         18.4         24.5         27.5         11.8         12.3         30.7         34.3         106.3         159.5         265.8         47.1         114.2           143,080         1,082,809         33.2         39.9         18.4         24.5         27.5         11.8         12.3         30.7         34.3         106.3         159.5         265.8         47.1         116.5           143,080         1,082,809         33.2         39.9         18.4         24.5         27.5         11.8         12.3         30.7         34.3         106.3         159.5         265.8         47.1         116.5           143,080         1,082,809         33.2         39.9         18.4	2003	143,080	1,082,809	30.7		36.8	16.9	22.5	25.1	10.7		28.1	31.5	98.1	146.0	244.2	47.1	105.5	152.6
143,080 1,082,809 30.7 30.7 36.8 16.9 22.5 25.1 10.7 11.3 28.1 31.5 98.1 146.0 244.2 47.1 109.7 143,080 1,082,809 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 111.9 143,080 1,082,809 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 116.5 143,080 1,082,809 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.5 143,080 1,082,809 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.5 143,080 1,082,809 33.2 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 121.2	2004	143,080	1,082,809	30.7		36.8	16.9	22.5	25,1	10.7		28.1	31.5	38 1	146.0	244.2	47.1	107.6	154.7
143,080 1,082,803 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 111.9 143,080 1,082,803 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 111.9 114.2 143,080 1,082,809 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 116.5 143,080 1,082,809 33.2 33.2 33.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 121.2	2005	143,080	1,082,809	30.7		36.8	16.9	22.5	25.1	10.7	.3	28.1	31.5	98.1	146.0	244.2	47.1	109.7	156.8
143,080 1,082,809 33.2 33.2 39.9 18,4 24,5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 114.2 143,080 1,082,809 33.2 33.2 39.9 18,4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 116.5 143,080 1,082,809 33.2 33.2 39.9 18,4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.8 143,080 1,082,809 33.2 33.2 39.9 18,4 24,5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 121.2	2006	143,080	1,082,809	33.2		39.9	18.4	24.5	27.5	1.8	12.3	30.7	34.3	106.3	159.5	265.8	47.1	1119	159.0
143,080 1,082,809 33.2 33.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 116.5 143,080 1,082,809 33.2 33.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.8 143,080 1,082,809 33.2 33.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 12.1.2	2007	143,080	1,082,809	33.2		39.9	18.4	24.5	27.5	<del>.</del> 5	12.3	30.7	34.3	106.3	159.5	265.8	47.1	114.2	161.3
143,080 1,082,809 33.2 33.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 118.8 143,080 1,082,809 33.2 33.2 39.9 18.4 24.5 27.5 11.8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 121.2	2008	143,080	1,082,809	33.5		39.9	18.4	24.5	27.5	11.8	12.3	30.7	34.3	106.3	159.5	265.8	47.1	116.5	163.5
143,080 1,082,809 33.2 33.2 33.9 18,4 24,5 27,5 11,8 12.3 30.7 34.3 106.3 159.5 265.8 47.1 121.2	2009	143,080	1,082,809	33.2		39.9	18.4	24.5	27,5	8.	12,3	30.7	34.3	106.3	159.5	265.8	47.1	118.8	165.9
	2010	143,080	1,082,809	33.2		39.9	18.4	24.5	27.5	8	12.3	30.7	34.3	106.3	159.5	265.8	47.1	121.2	168.2

Ş	TRANSPORTATION EARNING BY YEAR	ON EAPPINE	NG BY YEAR		-															
ž	1. TG.BELUNKOR - DESARU AMENITY CC.2. OIL PALM MUSIUM -	A - DESA	RU AMENITY	, CC 2 OI	E PALM ML	ISIUM	교	ER MUSIC.	BBER MUSIL 3. AMENITY CORE INNER CIRCULATION	ORE IN	INER CIRC	-	4. PENEWAR INNER IRCULATION	NER	RCULATION		5. BEACHSIDE CORRIDORLINE	SORR	DORLIN'	កា ភ្ជ គ
	PASSENG WAY	FAFE ( Rgt	EARING (mil. Rgt.)	الما	PASSENG WAY	¥ .	FAPE E	EAPNING (mil. Rgt.)	PASSENG WAY		FAPE E	EARNING (mil. Rgt.)	PASSENG WAY	u )	FARE EAR	RG Rgt.)	PASSENG WAY		FARE ( Rot ) (	EARINING (mil. Rgt.)
1988	, 0	0	000.0 00.000	00	0	0	0.00	0.000	0	٥	0.00	0.000	O	O	0,00	0.000	0	٥	0.00	٠.
1989	0	0		00	0	0	0.00	0.000	Ö	0	0.00	0.000	٥	0	00.0	0.000	0	0	0.00	
1990	343	0		00	0	0	0.00	0.000	0	0	0.00	0.000	0	0	00.0	0.000	0	0	0.00	
1991	343	2	5.00 1.251	51	o	0	0.00	0.000	0	0	0.00	0000	Ф	0	00.0	0.000	0	Ö	0.00	0.000
1992	343	2	•	51	0	0	0.00	0.000	0	0	0.00	0.000	0	0	00.0	0.000	0	0	0.00	
1993	343	23	00 1.2	5.1	0	0	0.00	00000	0	O	00.0	0.000	6	0	00.0	0.000	0	0	0.00	
1994	343	2	00 1.25	51	0	0	0.00	0.000	0	0	0.0	0.000	0	ø	00.0	0.000	0	O	00.00	
1995	343	2		5.	0	0	0,00	0.000	0	O.	0.00	0.000	0	0	0.00	0.000	0	0	0.00	
1996	1,200		00 4.380		420	ø	2.00	0.613	4,000	<b>,-</b>	1.00	1,460		<b>N</b>	5.00	1.460	400	α.	4.00	
1997	1,200				420	N	2.00	0,613	4,000	•	1.00	1.460		٥ı	5.00	1.460	400	N	4.00	f.
1998	1,200	2			420	ัผ	2.00	0.613	4,000	•	1.00	1.460	٠.,٠	67	5.00	1.460	400	N	4.00	
1999	1,200				420	Q	2.00	0.613	4,000	₹-	1.00	1,460	Ġ.	N	5:00	1.460	400	C)	4.00	
2000	1,200	2			420	N	2.00	0.613	4,000	<del>.</del>	1.00	1,460	400	0	5.00	1.460	400	7	4 00	
2001	1,200	5			420	O.	2.00	0.613	4 000	-	.00 .00	1,460		N	5.00	1.460	400	N	4 00	
2002	1,200	61			420	N	2.00	0.613	4 000	•	1.00	1.460	4.	7	5.00	1.460	400	N	4 00	
2003	1,200	2			420	N	2.00	0.613	4 000	-	1.00	1,450		8	5.00	1.460	400	8	4,00	
2004	1,200	23			420	0	2:00	0.613	4 000	•	1.00	1,450	٠.	0	5.00	1,460	400	N	4.00	
2005	1,200	2			420	N	2.00	0.613	4,000	_	1.00	1.460		2	5.00	1.460	400	N	4.00	
2006	1,200	2		4.380	420	0	2.00	0.613	4.000	÷	1.00	1.460		8	5.00	1.460	400	N	4.00	. :
2007	1,200	53		÷,	420	ù	2.00	0.613	4.000	•	.00	1.460		8	5.00	1.460	400	N	4.00	
2008	1,200	2	`		420	N	2.00	0.613	4,000	-	1.00	1.460		<u>م</u>	5.00	1.460	400	N	4.00	
2009	1,200	5	4		420	αi	2.00	0.613	4,000	<del>, .</del>	1.00	1.460		N	5.00	1.460	400	N	4.00	
2010	1,200	2	4	.380	420	Ø	2.00	0.613	4,000	<b>+</b> -	1.00	1.460	٠.	2	5.00	1.460	400	N	4.00	

<b>G</b>	HEVENUE OF BLIS OPERA	TOTAL BUS FARE	TOTAL FERRY FARE	GRAND TOTAL OF PROJECT
-	TODESARU	EARNING (million Rgt.)	EAPNING (million Rgt.)	BENEFIT (million Rgt.)
89	0.000		0.000	0.0
89	0.000	0.0	0000	0.0
06	0.314		1.089	32.8
**	2,135	9.3	0	58.0
392	2.940	1.4	Ņ	69.7
993	7.025	8.2	19.834	195.7
994	8.307		23.371	220.9
968	11,404	12.6	32.120	310.8
966	11,750	20.8	33.227	360.4
997	12.064	21.1	34.205	382.8
ဆ	12.396	2	35,252	408.1
თ	12.653	21.7	35.994	417.9
000	12.914	21.9	36.747	427.7
<b>.</b>	13,144	5	37,369	452.2
c,	13.379		38.004	455.1
es	13.618	22.700	38.651	458.1
4	13,862		39.311	461.1
'n	14.111		39,984	464.2
ဖွ	14.365		40.671	488.9
~	14.625		41,371	492.1
2008	14.889	23.970	42.086	495.4
(C)	50	24.23	42.814	498.7
c	15.433	24,514	43.558	502.1

Table E.1.10 Economic Costs and Benefit Flow of Desaru New Tourism Development

														리	(unit; million Rgt.)	Bgt;					
	~	Design & Construction Cost	nstruction C	osi						⋝	Vessel & Vehicle Cost	icle Cost	O	Operation & Maintenance Cost	Aaintenance	Cost					
	~	FACILITY INFRASTRUCTURE	<b>VFPASTRUC</b>	TCRE						F	TRANSPORTATION	NOTE	O	OPERATION & MAINTENANCE	: MAINTENA	iii					
Year	Year	Tourist Facility	Poad	Jetty	Water Supply System	Sewerage System	Solid El Waste. Disposal System	System System	Tele- commu- nication System	Sub- total-1	Bus	Farry	Sub- total-2	Tourist Facility	Posad	Jetty	Water S Supply System	Sewerage System [	Solid E Waste Disposal System	Electrial System	Tele- commu- nication System
1989	1989	25.056	0.774	0.000	0.731	2.224	0000	1.098	.0.099	4.925	0.000	0.000	0.000	0000							0.403
1990	1990	99.714	11.197	0.000	6.998	7.288	0.319	18,394	0,876	45.072	0.280	5.460	5,740	2.112	0.021					0.670	0.630
1981	1991	135.403	12,006	0.154	5,713	6.718	1.728	26.488	0.657	53,464	0.140	9,100	9.240	11,265	0.277					1,400	0.830
1992	1992	224.128	7.472	4.552	5.713	26.708	2.552	2.597	0.857	50.252	0.315	5,460	5.775	23.235	0.597	;		,		1.517	0.630
2 C	000	126.572	201.2	0000	3,262	2000	0.480	0.73	000	31.969	0.0	9,100	0.00 0.00 0.00 0.00 0.00 0.00	56 327	1,002	0.0	0.536	1,109	0.793	1517	0.630
1995	1995	32.940	0.00	0.000	0.00	0.000	0.00	0.00	0.00	0.000	0.438	9.100	9.538	67.593	1.727	0.056	0.536	1.109	0.793	1.517	0.630
1996	1995									0.000		-	0.000	70.409	2.132	0.056	0.536	1.109	0.793	1,517	0.630
1997	1997								-	0.000			0,000	70.409	2.132	0.056	0.811	1.877	1.631	1.517	0.630
1998	8661									0.000			0.000	70.409	2,132	0.056	0.811	1.877	1.631	1,517	0.630
8 CC	9 0		-											70 409	2 6	0.00	2 6	778	5 6 6	1.57	2000
2001	2001									0.000			0.000	70.409	2.132	0.056	0.811	1.877	1.631	1.517	0.630
2002	2002								-	0.000			0.000	70.409	2,132	0.056	0.811	1.877	1.631	1.517	0.630
2003	2003									0.000			0,000	70.409	2.132	0.056	0.811	1.877	1.631	1.517	0.630
2004	2004									0.000			0.000	70.403	2.132	0.056	0.811	1.877	1.631	1.517	0.630
2005	2002									0000			0,000	70.409	2.0	0.056	8,0	//8.	1.63	7	0.630
2006	2002									0000			000	70.409	2 6	0.00	0.00	1.877	50,1	517	0.630
2008	2008									0000			0.000	70.409	2.132	0.056	0.811	1.877	1.831	1,517	0.830
2009	2009				-					0.000			0.000	70.409	2.132	0.056	0.811	1.877	1.831	1.517	0.630
2010	2010									0.000			0.000	70.409	2.132	0.056	0.811	1.877	1.631	1,517	0.630
2011	2011									0.000		•	0.000	70,409	2.132	0.056	0,813	1.877	1,631	1.517	0.630
4000	2 6			٠.						0000				70.409	2 2 2 2	0.00	2 6	1 877	569	1.517	0.830
202	2014	· .								0.000			0.00	70.409	2,132	0.056	0,811	1.877	1.631	1.517	0.630
2015	2015									0.000	:		0.000	70 409	2.132	0.056	0,811	1.877	1.631	1.517	0.630
2016	2016					٠,	٠			0.000		•	0.000	70.409	2:132	0.056	0.811	1.877	1 63 1	1.517	0.630
2017	2017									0.000			0.000	70.409.	2,132	0.056	0.811	1,877	1.631	1.517	0.630
2018	2018									0.000			0.000	70.409	2.132	0.056	0.811	1.877	1.631	1.517	0.630
Total To	Total	788.3	34.0	5.7	22.4	66.3	7.1	50.0	2.3	187.8	2.1	43.7	45.8	1,822.9	54.0	4	20.0	45.7	39.1	43.0	18.7
																					;
																•					
	<del>-</del>	npv ∎ ×78				٠			<b>C</b> :	npv = 145.7		Ē	npv = ndn	npv = 551 1		٠					
		4 0 10								;			)	:		-		-			

٠.											
Year	Sub-	80s	Ferry	Sub	Total	Eaming	Earning	Earning of	d C E	Total	Nes
	Total-3		•	total-4	total-4 Economic	õ	ō	Transport-	Increase	Economic	Salance
		٠			Č	Hotele	Other Dally	e G		Renefit	
					\$		And Zone	ì			
						0.600	0.600	0.600			
1989	0,403	0.00	0000	0.000	30.385	0.000	0000	0.000	0.000	0,000	-30.385
1990	1.321	0.000	0.000	0.000	153,959	14.450	4.368	0.000	12.572	31,390	-122.589
66	2.307	0.409	6.000	6.409		15,179	13.948	0.842	13.205	43.174	-174.914
1992	2.744	0.613	12,000	12.613	318.747	16.085	18.292	5.647	13,994	54.018	-264.730
000	5,635	1.022	24.000	25.022	259,666	54.529	46.024	7.444	47.440	155.437	-104.230
1004	1000	1 354	36.000	37.854	234.634	59,305	53.491	16.866	51.596	181,258	53.376
מ מ		2 407	40.000	44 497		85.812	73 827	19.758	74.657	254.053	93.118
400	6 779	7.04	42.000	44 407		106.229	77 585	26.86	92 419	363.098	183.419
0 0	8 654	707	42.000	44 497		115.764	80.704	32,435	100.715	329,619	206.059
9 0	8 6 6 6	707.0	42 000	44.497	•	126.666	84.133	33.210	110.200	354.209	230.649
1999	8.654	2.497	42.000	44.497	123.560	130.081	85,999	34.038	113.171	363,288	239.729
2000	8.654	2.497	42.000	44,497	_	133.497	87.887	34.637	118.142	372.163	248.603
2001	90 635 44	2.497	42,000	44.497		146,490	89,080	35.246	127.447	398,263	274.703
2002	8.654	2 497	42.000	44.497		146.490	90.296	35.757	127:447	399.990	276.431
2003	8.654	2.497	42,000	44,497	•	146,490	91.537	36.278	127.447	401.753	278,193
2004	8.654	2.497	42.000	44.497		146.490	92.803	36.810	127.447	403.551	279.991
2005	8.654	2.497	42.000	44.497	•	146,490	94.094	37.353	127.447	405,384	281.825
2006	8.654	2.497	42.000	44,497	•	159.484	95,411	37,306	138.751	431,553	307.993
2007	8.654	2.497	42.000	44.497	123.560	159.484	96,755	38.470	138.751	433,460	309,901
2008	8.654	2.497	42.000	44.497	123,560	159,484	98.125	39.046	138.751	435,406	311.847
2009	8,654	2.497	42.000	44.497	**	159,484	99.522	39.633	138.751	437.391	313,331
2010	8.654	2.497	42.000	44.497	123,560	159,484	100.948	40.232	138.751	439,415	315,856
2011	8.654	2.497	42.000	44,497	-	159.484	100.948	40.843	138.751	440.026	316,467
2012	8.654	2.497	42.000	44.497	123,560	159,484	100,948	40.843	138,751	440.026	316.467
2013	8.654	2.497	42.000	44.497	•	159.484	100.948	40.843	138.751	440.026	316.467
2014	8.654	2.497	42.000	44.497	•	159,484	100.948	40.843	138.751	440.026	316.467
2015	8.654	2.497	42.000	44.497		159.484	100.948	40.843	138.751	440.026	316.467
2016	8.654	2.497	42,000	44,497	•	159.484	100.948	40.843	138,751	440 026	316.467
2017	8.654	2.497	42.000	44,497	•	159,484	100.948	40.843	138.751	440.026	316,467
2018	3.654	2.497	45.000	44.497	123.560	159.484	100.948	40.843	138.751	440.026	316.467
Total	221.9	63.8	1,086.0	1,149.8	4,216.4	3,663.3	2,382.4	915.2	3,187.1	10,148.1	5,931.7
											IRR - 18.82%
-	npv = 67.2		L	npv = r 346.1	npv = 1,720.4				Ē	npv = N 2,836.8	NPV = 1.104.0
										1	9

### Appendix-F Main Participants of the Study

### Government of Malaysia

<u>Go</u>	vernment o	of Malaysia	
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•		Abdullah Mohd. Tahir airman)	Director of Industry Section
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#### 4) Study Team

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2. Mr. Itaru Mae

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5.	Mr. Yuzo Aoyama	Demand Forecast
6.	Mr. Morio Onda	Demand Forecast
7.	Mr. Shigeo Imai	Market Study
8.	Mr. Takashi Kikkawa	Tourism Facility/Development Plan
9.	Mr. Kanao Itoh	Tourism Infrastructures/Tourism Resources
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