# Chapter 3 Implementation Plan

# Chapter 3 Implementation Plan

# 3-1 Implementation plan

## 3-1-1 Implementation concept

Based on the principle of the grant aid project scheme, the implementation plan was made in order to effectively and efficiently deliver, implement, and hand over the equipment. Comprehensive and proper explanation is to be made to all the responsible facility managers and his/her associates about equipment delivery and installation schedule in advance. It is also necessary to have full cooperation with Vietnam side. The implementation policy is confirmed below:

- ① Contractor is responsible to dispatch his authorized facility manager, workable maintenance engineer of manufacturer and its designated agent for smooth implementation of the project. The dispatched engineers composed of a team of facility manager, installation supervisor and engineer of each manufacture. Their roles are to install the equipment, operate the equipment for first trial, and to train local staff to operate.
- ② MOH is responsible to cooperate with consultant/contractors and to be involved in the implementation of the Project during the project period. Staff in each facility is responsible for the technical aspects.

### 3-1-2 Implementation conditions

Following conditions should be strictly observed by the contractor.

- ① All equipment is to be installed in existing facility and delivery and installation should be done with enough care. The contractor is supposed to know the conditions and utilities of the existing facilities.
- ② Scope of work done by Vietnam and Japan shall be well confirmed in advance to secure smooth implementation.
- ③ During the installation, support of dispatched engineers shall be effectively utilized, so that better maintenance system for the equipment can be established in each facility.

# 3-1-3 Scope of work

Demarcation of the work role are explained below:

	Japan	Viet Nam
DEquipment		
Procurement	0	
Installation	0	
Commissioning	0	
Instruction	0	
Facility construction		
Facility modification		0
Utility installation		0
Necessary electrical work	0	
Air conditioning and ventilation		0
Equipment storage		0
Customs clearance etc		
Inland transportation	0	
Customs clearance	0	
Arrangement for tax exemption		0
Banking arrangement		0
Entry visa and its related necessary arrangement		0
Effective maintenance of equipment		0
Necessary national permission and so forth		0
All the required cost bearing not including the grant-in-aid project scheme.		0

# Table 3-1 Scope of work

## 3-1-4 Implementation supervision

Detailed discussion shall be held among Vietnam side, the contractors, and consultants to establish practical schedule for implementation. Regarding Equipment layout and implementation plan, it is important to regularly make sure that the utility construction is in progress as well as preparation works to be done by Vietnam side. Implementation needs to be effectively and smoothly done. The consultant is responsible to supervise and monitor the implementation work.

## 3-1-5 Procurement plan

Effective utilization of all delivered equipment should be secured. For this purpose, maintenance (after-care) system manufactures have in Vietnam, and availability of consumable and spare parts should be carefully looked into. Comparison shall be made to clarify whether Japanese manufacturers are superior to local manufacturers in terms of maintenance and after-care

Some Japanese and European manufacturers have set up workable maintenance system in Vietnam. Therefore, it could be concluded that there is no problem with the maintenance service of the delivered equipment originating in Vietnam, Japan, and other third countries.

3-1-6 Implementation schedule

It is shown in Table 3-2.

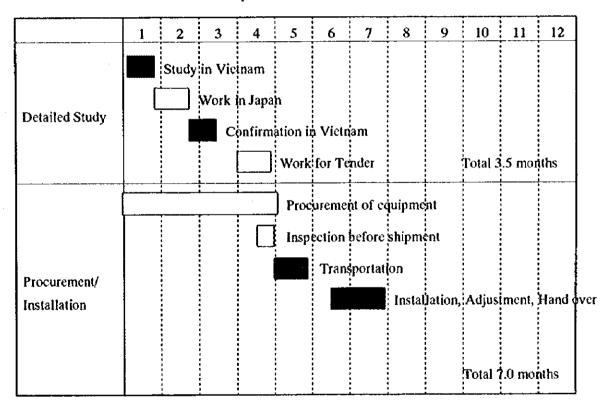


Table 3-2 Implementation Schedule

### 3-2 Operation and Maintenance Plan

### (1) Maintenance system

As mentioned in previous sections, the equipment is grouped into three categories, blood testing, component separation and IEC equipment. Blood testing equipment is operated by clinical technicians. Since the equipment is used everyday, maintenance is done at the beginning and at the end of day. During extensive field survey, it is frequently observed that the existing equipment are well maintained. Therefore, it is supposed that there is no problems in terms of maintenance.

Because the local staff presently faces the lack of equipment, they repair and fix the existing equipment without any work shop rooms. Although staff does simple repairs by themselves, they call technical engineers from local dealers or bring the equipment to the local dealers when the equipment has serious problems. HCMC has the least problem for its maintenance service. There is an organization to repair medical equipment, which is directed by MOH.

As to ELISA system, filter deterioration was pointed out. High humidity causes the deterioration. Especially, when the room is not air conditioned, the deterioration gets worse. Dismantling the filter after use is a possible solution against filter deterioration. Regarding other testing equipment, no particular maintenance is necessary.

Periodic overhaul and maintenance work should be done to the printing machine and photocopying machine. It was confirmed that there are many local dealers who deal with printing machines and photocopying machines and they have established systems for repairs and maintenance. Therefore, it is quite possible to procure the said equipment form the local dealers. Other equipment for IEC does not require particular maintenance.

(2) Maintenance cost

Consumables and vehicle maintenance are the major cost and they are shown as follows.

# (1) Spare parts/Consumable

Name	0	Unit Price	Annual	Amount	Amount
Ivallic	Consumable	(Y/time)	Consumption	(1,000Y)	(1,000VND)
ELISA system	Sample regent	150	660,000	99,000	10,890,000
PCR system	Sample regent	4,000	500	2,000	220,000
Others				12,000	1,320,000
	113,000	12,430,000			

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Table 3-3 Estimated maintenance cost

All numbers and prices are approximately estimated. (Y = 110 VND)

Regents are to be purchased by NAC. Although the regent for ELISA is expensive, it will be affordable for NAC because it is a substitute for the presently used regent which is more expensive. Therefore, the budget to be newly ensured is only for PCR system and Others, which is approximately 1,540,000,000 VND.

② Fuel for Vehicles

Gasoline cost is 4,200 VD/litter in Vietnam. Given 8 Km per liter and 10,000 Km/vehicle per year, total gasoline cost sums up to 5,250,000 VN, which is about  $\frac{146,880}{10,000,000}$  VND.

Finally, the budget for maintenance brought about by the Project will be 1,650,000,000 VND. This amount is 34% of the equipment maintenance cost in 1998, but 0.8 % of all operation and maintenance cost. The Ministry of Health confirmed to cover the expenses.

Spare parts /consumables	:	1,540,000,000
Gasoline cost	:	110,000,000
Total	:	1,650,000,000 VND

Chapter 4 Project Evaluation and Recommendation

# **Chapter 4 Project Evaluation and Recommendation**

# 4-1 Justification and Effect of the Project

The objective of the Project is to develop and strengthen measures for HIV/AIDS prevention in Vietnam. That is, the Project follows 4 Action plans out of 9 plans for HIV/AID prevention, which were drawn up in the donor workshop held in Phu Yen in 1998.

(1) Enlightening general people about AIDS problems and promoting behavioural change.

It is quite possible that HIV infection can be totally shut out with proper care. In other words, it is commonly believed that it is the most effective that an individual has necessary knowledge and methods for care about HIV/AIDS and carry them out.

In Vietnam, IEC activities for general public has been considered one of the most effective methods to prevent people from HIV/AID. Thus, the IEC activities have been strongly implemented.

However, there were some difficulties about IEC activities. IEC activities with broadcast did not reach local people who live in mountains or areas far from cities. In addition, IEC activities with printing media like newspapers and magazines did not work for illiterate people in local areas.

To directly communicate with and provide education program to local people is expectedly more important and effective. The equipment, mobile information unit, and TV/VTR, to be provided in the Project will make direct IEC activities possible. With the equipment, contact becomes so easy that more information is delivered and local people could improve their cognition for HIV/AIDS. Accordingly, the infectious rate of HIV will be decreased.

(2) Promoting condom use and strengthening its distribution

Effectiveness of condom to stop HIV/AIDS prevalence is well recognized based on experience of other countries. In Thailand, infectious rate of HIV was decreased by making the use of condoms more popular.

In Vietnam, condoms are provided to stop HIV/AIDS. However, better results has not yet been derived because of insufficient condoms due to lack of funding. Another reason is that its use is against social custom.

It is very difficult for the Government of Vietnam to keep providing the condoms, which are consumable. To assure effectiveness of the use of condoms for HIV/AIDS prevention, the general public must recognize its necessity and the need to procure them at their own expense. Thus, the distribution of condoms needs to done with IEC activities mentioned above. Actually, in the Project, condom is recognized as a teaching material to conduct IEC activities.

Equipment for IEC activities and condom are expected to help local people have safe sex, and prevent HIV/AIDS.

(3) Supplying better quality of transfusion blood

It is well known that transfusion blood infected HIV has a high risk in the treatment of hemophilia. Although Infected Blood can be removed by established screening test, said screening test is not conducted for all blood supply due to lack of equipment and chemicals in Vietnam.

The equipment for blood tests is to be provided to Blood transfusion centers and occasionally General hospitals in the Project. If the screening test is properly conducted at these facilities, the risk of infection by blood and preparation will be reduced.

In addition, a centrifuge for blood separation is to be provided under the Project. This equipment will make blood supply system safer.

(4) Strengthening and monitoring the quality of HIV/AIDS surveillance

Monitoring of the infectious disease is the first step in fully understanding the up-dated present situation of the infection. Thus, conduct of regular sentinel surveillance is very important, since symptoms of HIV do not appear even after a patient is infected.

In 1998 sentinel surveillance was conducted in 20 provinces/cities in Victnam. For 1999, 10 provinces will be additionally targeted for

sentinel surveillance. In total the surveillance, is presently conducted in 30 provinces/cities which is the half of all provinces/cities of Vietnam. However, Preventive Medicine Center, which is mainly in charge of the equipment for the surveillance, operates worn out equipment or does not have enough equipment for the surveillance in many provinces, therefore it is not able to properly carry out the surveillance.

Therefore, providing the centers with equipment is very effective and significant in order for the centers to be able to conduct more accurate surveillance, to monitor HIV status in the country. With more accurate statistics, condition is well understood to easily come up with better plans and measures for HIV/AIDS.

As mentioned above, 10 provinces were added for the target of sentinel surveillance in 1999. After that, surveillance will be conducted in the remaining provinces/cities under the Project.

HIV/AIDS prevention system will be established in the provinces under the Project to reduce HIV infection rate. Most people in Vietnam will directly benefit from the Project.

Under the instruction of the Ministry of Health, activities for HIV/AIDS prevention have been routinely conducted at facilities in the Project. Since the searcity and bad conditions of the equipment have negatively influenced the activities, the aim of the Project is to provide needed equipment, to maximize use of the facilities. It must be clarified that this Project is not a case wherein new equipment are bought for new facilities.

### 4-2 Technical Cooperation and Cooperation with other donors

There is no technical cooperation which was planned with the Project, and there is no other donor's assistance related to the Project.

### 4-3 Issues to be solved

The Project is one of the inputs which the Ministry of Health in Victnam to make efforts in preventing HIV/AIDS from spreading. Therefore, it is an essential condition that the Ministry and other targeted facilities, properly and seriously implement their activities. The equipment to be provided in the Project will be installed in the existing facilities, therefore there are already skilled staff and working organization in the facilities. Nonetheless, in order to further enhance opportunity for meeting Project objectives, proper policy making and technical improvement need to be done. Human resource development and activity plans improvement need to be executed constantly to ensure success of the Project.

In addition, regular maintenance is important for the equipment to be properly and steadily operated. Technical staff composing of equipment operators, are expected to have better recognition of maintenance skills and equipment check, before and after operation.

# APPENDIX

APPENDIX 1	Member List of the Survey Team
APPENDIX 2	Survey Schedule
APPENDIX 3	List of Party concerned in the Recipient Country
APPENDIX 4	Minutes of Discussion

# APPENDIX 1 Member List of the Survey Team

# Member List of the Survey Team

(1) Basic Design Study : March 17,~April 27, 1999

1.Toshiyuki IWAMA	Leader	Deputy Director, First Project Study Division, Grant Aid Project Study Department, JICA
2.Tamotsu NAKASA	Technical Adviser	Bureau of International Cooperation, International Medical Center of Japan
3. Yasumichi DOI	Project Manager	INTEM CONSULTING, INC.
4.Motoko HAYASHI	IEC Activity & Distribution Planner	INTEM CONSULTING, INC.
5.Masatake ODA	Equipment Planner	INTEM CONSULTING, INC.
6.Masanori DOI	Cost Estimation & Procurement Planner	INTEM CONSULTING, INC.
7.Ryu MIZUKOSHI	Interpreter	INTEM CONSULTING, INC.

(2) Draft Report Explanation : June 17 ~June 30, 1999

1.Toshiyuki IWAMA	Leader	Deputy Director, First Project Study Division, Grant Aid Project Study Department, JICA
2.Kaname KANAI	Technical Advise <i>t</i>	Director, Planning Division, Bureau of International Cooperation, International Medical Center of Japan
3. Yasumichi DOI	Project Manager	INTEM CONSULTING, INC.
4.Masatake ODA	Equipment Planner	INTEM CONSULTING, INC.
5.Ryu MIZUKOSHI	Interpreter	INTEM CONSULTING, INC.

APPENDIX 2 Survey Schedule

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Į	Basic De	Basic Design Study Schedule			
	date	Project Manager	IEC Activities & Distribution Planner	Equipment Planner	Cost Estimation & Procurement Planner
-	17-Mar W	/ Tokyo-HCMC			
3	18-Mar TI	18-Mar Th Discussion at Pasteur Research Institute in HCMC	IC		
m	19-Mar F	Research at HCMC Health Education Center, Preventive Medicine Center, Frined café	reventive Medicine Center. Frined café		
4	20-Mar Sa	20-Mur Sa Reseach at HCMC Hematology/Transfusion Blood Center	od Center		
<u>v</u>	21-Mar S	Analysis of collected matchials			
<u></u>	22-Mar M	Research at Dermatology and Venereal Disease	22-Mar M Research at Dermatology and Venereal Disease Center(DVDC) and ADS Division in Health Departemnt in HCMC	ternnt in HCMC	
5	23-Mar T	HCMC-Da Lat		HCMC-Lon Xuyen	
8	24-Mar W	24-Mar W Research at Preventive Medicine Center in Lam Dong province	Dong province	Courtesy vist to People's Committee, Research at AIDS Division in An Giang province	t ADS Division in An Giang province
6	25-Mar TI	25-Mar Th Research at DVDC and General Hospital in Lam Dong province	1 Dong province	Research at Preventive Medicine Center in An Gian provicne	van proviene
2	26-Mar F	Research at AIDS Division, Courtesy visit to People's Committee in Lam Dong	ppie's Committee in Lam Dong	Research at General Hospital, Chau Dotch Hospital in An Gian province	sital in An Gian province
Ħ		27-Mar Sa Da Lat - Vung Tau		Lon Xuyen-Rach Gia	
2	: 28-Mar S	Analysis of collected materials			
13		29-Mar M Research at AIDS Division, Courtesy visit to People's Committee in Ba Ria Vung Tau	ople's Committee in Ba Ria Vung Tau	Research at AIDS Division, Courtesy visit to People's Committee in Kien Giang province	ople's Committee in Kien Giang province
14	30-Mar T	Research at Preventive Medicine Center in Lam Dong province	Dong province	Research at Preventive Medicine Center in Kien Giang proviene	Giang proviene
15		31-Mar W Research at General Hospital in Ba Ria Vung Tau province. Vung Tau - Tan An	au province, Vung Tau - Tan An	Rescarch at DVDC and General Hospital in Kien Giang province	n Giang province
16		1-Apr Th Research at AIDS Division, Courtesy visit to People's Committee in Long An province	pples Committee in Long An province	Rach Gia-Can Tho, Research at AIDS Division, province	Rach Gia-Can Tho, Research at AIDS Division, Courtesy visit to People's Committee in Can Tho province
17	2-Apr F	Research at Preventive Medicine Center in Long An province	t An province	Research at Preventive Medicine Center and General Hospital in Can Tho proviene	neral Hospital in Can Tho provienc
18	3-Apr	$S_a$ Research at General Hospital in Long An province.	ce, Tan An - HCMC	Research at DVDC in Can Tho province	
19	4-Apr S	Analysis of collected materials		Can The-My The	
20	5-Apr	M Research at Preventive Medicine Center and AIDS Division in HCMC	DS Division in HCMC	Research at AIDS Division. Courtesy visit to People's Committee in Tien Glang province	ople's Committee in Tien Giang province
21	6-Apr	T Research at AIDS Division in Dong Nai province	2	Research at Preventive Medicine Center in Tion Giang provione	Giang proviene
52	7-Apr	W Research at DVDC and General Hospital in Dong Nai province/ Arrival of tech. advisor in HCMC	ng Nai province/ Arrival of tech. advisor in HCMC	Research at DVDC and General Hospital in Tien Giang province	a Giang province
ង	8-Apr	$ \mathrm{Th}  $ Research at Pasteur Research Institute and Tropical Discase Center in	ical Discase Center in HCMC	My Tho-HCMC, Research at AIDS Division, Courtesy visit to People's Committee in Burn Duone province	ourtesy visit to People's Committee in Bunh
54	: 9-Apr F	Research at Preventive Medicine Center in Dong Nai province	g Nai province	Research at Preventive Medicine Center in Binh Duong proviene	Duong proviene
2	10-Apr  S:	25   10-Apr   Sa   HCMC-Hanoi		Analysis of collected materials	
26	26 11-Apr S	Analysis of collected materials		Analysis of collected materials	
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	Project Manager	EC Activities & Distribution Planner	Equipment Planner	Cost Estimation & Procurement Planner
27 12-Apr M	Research at National Blood Transfusion Research Center and National and National Institute for Hematology and Blood Transfusion in Hanoi/ Arrival of Team Leader in Hanoi	h Center and National and National Institute for arrival of Team Leader in Hanoi	Research at DVDC and General Hospital in Binh Duong province	nh Duong province
13-Apr T	Discussion for Minutes, Courtesy visit to NAC / Departure of Government official	Departure of Government official	HCMCHanoi	
4-Apr V	14-Apr W Discussion for Minutes			
5-Apr 7	15-Apr Th Discussion for specifications of equipment		Research relevant laws	
16-Apr F	Signing on the Minutes of Discussion, Report to JICA and Japanese Embassy	JICA and Japanese Embassy	Research for procurement	
7-Apr  S	17-Apr Sa Analysis of collected materials			
18-Apr S	Analysis of collected materials			
9-Apr	19-Apr M Discussion for specifications of equipment	Research at DKT and NAC	Research for procurement	
20-Apr T	Discussion for specifications of equipment	Research at UNAIDS and WHO	Research for local dealers	
I-Apr V	21-Apr W Hanoi-HCMC The second second			
L rqr-5	37 22-Apr [Th Research for local dealers			
23-Apr  F	Research at Tropical Disease Centor in HCMC			Research for local dealers
4-Apr S	39 24-Apr Sa Research for local dealers	HCMCTokyo	Research for local dealers	HCMCTokyo
40 25-Apr S	Analysis of collected materials		Analysis of collected materials	
26-Apr M	A Research for local dealers		Research for local dealers	
27-Apr T	HCMC-Tokyo		HCMC-Tokyo	

	Date		Project Manager	Equipment Planner
1	17-Jun	Th	Tokyo-HCMC	
2	18-Jun	F	Visit AIDS Division in HCMC	
3	19-Jun	Sa	Research for local dealers/Arrival of	Technical Advisor in HCMC
4	20-Jun	Sa	Internal Meeting	
5	21-Jun	М	Reseach at Pasteur Research Institute	and Tropical Disease Center
6	22-Jun	T	Research at Cho Ray Hospital and D	ermatology and Venereal Disease Center in HCMC
7	23-Jun	w	IICMC-Hanoi, Explanation of Draft Final Report(DF) to AIDS Divisio, and JICA in JI	
8	24-Jun	Th	Research at WHO and UNDP, Explanation of DF to AIDS Division in the Ministry of He	
9	25-Jun	F	Explanation of DF to AIDS Division	
10	26-Jun	Sa		tion Research Center and National and National Fransfusion in Hanoi,/ Arrival of Team Leader in
11	27-Juo	Sa	Analysis of collected materials	
12	28-Jun	М	Discussion for Minutes	
13	29-Jun	Т	Signing on the Minutes of Discussio	1)
14	30-Jun	W	Hanoi - Tokyo	

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# APPENDIX 3 List of Party concerned

in the Recipient Country

# List of Party concerned in the Recipient Country

#### An Giang

People's Committee Vice Chairman Mr. Lam Thanh Tung Assist. Vice Chairman Mr. Doan Hong Nhut Provincial Health Service Dr. Phan Thanh Phu (\*1) Director Dr. Nguyen Dinh Quang IEC Office Mr. Pham Dang Tam **IEC Office** Provincial AIDS Division Dr. Phan Thanh Phu (\*1) Head Dr. Mai Hoang Anh (\*2) Secretary Provincial Preventive Medicine Center Dr. Mai Hoang Anh (\*2) Vice Director Dr. Tran My Hanh Assistant Mr. Nguyen Ba Tuoc Head of AIDS laboratory Mr. Huynh Thi Ngoc Thanh Assistant **Provincial Central Hospital** Dr. Nguyen Van Sach Director Dr. Khuong Trong Suu Vice Director Other 9 doctors representing each medical department Chau Doc General Hospital Dr. Nguyen Huu Hau Vice Director Dr. Hoa Nghia Hiep Vice Director Dr. Tran Kien Vice Director Dr. Nguyen Thu Loe Chief, Laboratory Other 3 doctors

### **Kien Giang**

People's committee Mr. Truong Quoc Tuan Ms. Vo Tan Huy Mr. Ng. Duy Linh Thao Provincial Health Service Dr. Bui Van Truyen (\*1) **Provincial AIDS Division** Dr. Bui Van Truyen (\*1) Dr. Le Van Xanh (\*2) Dr. Ly Phung Duc (\*3) Provincial Preventive Medicine Center Dr. Le Van Xanh (\*2) Dr. Ly Phung Duc (\*3) Dr. Pham Van Tuong Dr. Nguyen Ngoc Liem Other 7 staff

Chairman Department of Foreign Affairs Department of Foreign Affairs

### Director

Head Vice Chairman Secretary

Director Vice Director Vice Director Head, Laboratory Department

Vice Director
Head, General Planning Department
Head, Laboratory Department
atological Diseases
Vice Director
Head, Laboratory Department
Head, Counselling Office

### Can Tho

People's committee Mr. Tran Thanh Man Provincial Health Service Dr. Le Thanh Lap (\*1) Dr. Ho Van Sanh (\*2) **Provincial AIDS Division** Dr. Le Thanh Lap (\*1) Dr. Tran Sophia (\*3) Dr. Ho Van Sanh (\*2) Dr. Dan Quang Tam (\*4) Dr. Le Le Hoa (\*5) Dr. Lai Kim Anh Provincial Preventive Medicine Center Dr. Tran Sophia (\*3) Dr. Nguyen Trang Nghia Dr. Vuong Huu Phuoe **Provincial Central Hospital** Dr. Dang Quang Tam (\*4) Dr. Nguyen Ngoc Huynh Dr. Tran Van Phuc Provincial Center for Venereal and Dermatological Diseases Dr. Le Le Hoa (\*5) Dr. Tran Ngoc Lanh Dr. Tran Trong Binh Dr. Le Ba Rang

### Office of the Chief

Director Medical professional office

Chairman Vice Chairman Secretary Member Member Full-time Member (IEC)

Dircctor Vice Director Chief of Laboratory

Vice Director Head, Laboratory Department Infection Department Director Vice Director

Chief, Examination Dep. Chief, Laboratory Dep.

### Tien Giang

People's committee Mr. Nguyen Truong Ky Ms. Nguyen Hong Ha **Provincial Health Service** Dr. Truong Hoan Tho (\*1) Dr. Nguyen Tan Tranh Dr. Nguyen Thanh Tai (\*2)

Vice Chairman Specialist

Director Vice Director Medical professional office **Provincial AIDS Division** Dr. Truong Hoan Tho (\*1) Chairman Vice Chairman Dr. Le Hoang San (\*3) Dr. Hoang Tho Man (\*4) Member Member Dr. Nguyen Thanh Tai (\*2) Mr. Tran Thi Tuyet Member (IEC) Mr. Nguyen Thanh Long Member (IEC) Mr. Tran Thanh Tuan Member (IEC) Provincial Preventive Medicine Center Dr. Le Hoang San (\*3) Director Dr. Nguyen T. Nhu Mai Vice Director Dr. Lam Thi Nhan Chief of Laboratory Dr. Nguyen Thi Vui Head, Epidemiological Dep. **Provincial Central Hospital** Dr. Hoang Tho Man (\*4) Vice Director Dr. Vo Thi Muoi Hai Vice Director Dr. Su Thi Ngoc Suong Chief of Laboratory Laboratory Technician Dr. Tran Hai Son Provincial Center for Venereal and Dermatological Diseases Dr. Luu Hoang Minh Director Chief, Examination Dep. Dr. Do Sanh Tich Dr. Vo Thu Nguyet Councelling Office Mr. Lethi Ngoc Gam Pharmaceutical Department 他2名

### **Binh Duong**

People's committee Mr. Nguyen Quoc Thai **Provincial Health Service** Dr. Nguyen Thi Ha Sinh Dr. Truong Trung Nghia (\*1) **Provincial AIDS Division** Dr. Truong Trung Nghia (\*1) Dr. Nguyen Van Ut (\*2) Dr. Huynh Van Nhi (\*3) Dr. Lai The Thanh (\*4) Dr. Huynh Thanh Ha Provincial Preventive Medicine Center Dr. Nguyen Van Ut (\*2) Mr. Vo Van Van Mr. Pham Minh Thu Mr. Vu Thi Tuyet Trinh **Provincial Central Hospital** Dr. Huynh Van Nhi (\*3) Dr. Vu Minh Giang Dr. Nguyen Ba Dinh Dr. Pham Thi Lan Mr. Huynh Kim Thien

Vice Chairman

Director Vice Director

Chairman Vice Chairman Member Member Full-time Member

Director Vice Head, Surveillance and Councelling Office Laboratory Department Epidemiological Department

Director Vice Director Vice Head of Infection Dep. Vice Head of Laboratory General Planning Dep.

Center for Social Disease	
Dr. Lai The Thanh (*4)	Director
Dr. Nguyen Van Hoang	Vice Director
Mr. Doan Anh Dung	Staff
Ho Chi Minh City	
Pasteur Institute of Ho Chi Minh City	
Dr. Truong Xuan Lien	Vice Director
Dr. Tran Phue Hau	Staff
Dr. Nguyen Vu Thuong	CP, Staff
Dr. Vo Tuyet Nhung	Staff
Dr. Nguyen Thanh Long	CP, Secretary of AIDS Division, MOH
City Preventive Medicine Center	
Dr. Tran Hue Trinh	Vice Director
Dr., Le Chau Tuan	Camera-person
Dr. Le Thuy Lan Thao	Expert of AIDS Division
Other 3 persons	
Friend To Friend Club	
Dr. Nguyen Quang Luyen	Chief of Club
Other 12 Persons	
Institute of Hematology and Blood Transfusio	n
Mr. Pham Ngoe Tuan	Pharmacist, Vice Director
Mr. Le Van Thanh	Secretary of Center Director
Other 4 persons	
City Center for Venercal and Dermatological	Diseases
Dr. Mai Chi Phuong	Director
Dr. Vu Hong Thai	Vice Director
Dr. Nguyen Ngoc Ba	Vice Chief of Diagnostic Department
Other 4 persons	
Provincial AIDS Division	
Dr. Truong Xuan Lieu	Director
Dr. Le Truong Giang	Head of AIDS Division
Dr. Le Thuy Lan Thao	Expert of AIDS Division
Centre for Tropical Diseases)	
Dr. Vuong Hung Viet	Director
Dr. Nguyen The Dung	Vice Director
Mr. Duong Ngoc Son	Phar., Laboratory
Other 4 persons	
Lam Dong	
Povincial Preventive Medicine Center	
Dr. Tran Manh Ha	Director
Mr. Nguyen Ba Dung	Head of Professional Department
Dr. Le Van Phu	Secretary of PAC

Head of Health Information & Education

Dr., Nguyen Tat Ung Other 5 persons

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Provincial Center for Venereal and Dermatological DiseasesDr. Nguyen Quoe MinhHead of ProfMr. Do Van HienHead of OrgDr. Nguyen Tien SyHead of ExaOther 5 personsHead of ExaProvincial Central HospitalVice DirectorDr. Nguyen Trong NhanChief of DerOther 8 personsProvincial AIDS DivisionDr. Le ThaiDirector &Dr. Le Van PhuSecretary ofMr. Nguyen Van ThanhExpert, IECDr. Nguyen Quang TrungSecretary ofOther 4 personsOther 4 persons

Ba Ria Vungtau

**Provincial AIDS Division** Dr. Truong Van Kinh Dr. Truong Thanh Dr. Nguyen Xuan Hoan Other 6 persons Provincial Preventive Medicine Center Dr. Nguyen Xuan Hoan Dr. Bui Minh Tri Dr. Pham Kim Ngan Other 3 persons Provincial Central Hospital Dr. Duong Ngoe Luu Dr. Nguyen Phi Tan Dr. Tran Van Thinh Dr. Nguyen Thi Nham Othe 7 persons

Long An

Provincial AIDS Division Dr. Tran Ngoc Huu Mr. Nguyen Ngoc Linh Mr. Huynh Van Sau Other 6 persons Provincial Preventive Medicine Center Dr. Tran Ngoc Huu Dr. Le Dai Tri Dr. Nguyen Thanh Tung Dr. Pham Van Ly Other 3 persons Head of Professional Department Head of Organization Department Head of Examine Room

Vice Director Chief of Department of Infection Disease

Director & Chief of AIDS Division Secretary of PAD Expert, IEC Unit for HIV/AIDS of PAD Secretary of PAD

Vice Director & Chief of AIDS Division Head of IEC Unit for HIV/AIDS of PAD Director of Preventive Medicine Center

Director Head of Diagnostic Department Head of Dermatology Department

Vice Director Vice Director Head of Diagnostic Department Head of Medical Department

Director of Preventive Medicine Center Expert of IEC, AIDS Division of PAD Expert of IEC, AIDS Division of PAD

Director Vice Director Head of Diagnostic Department Head of Dermatology Department

Provincial Central Hospital	Disaster of Hashik Osmains
Dr. Pham Cong Dung	Director of Health Service
Dr. Luu Tri Dung	Director Vice Director
Dr. Bui Kim Bang	
Dr. Nguyen Van Sang	Vice Director
Dr. Ly Buu Tuyen	Vice Director
Dr. Luong Thi Bup	Head of Diagnostic Department
Other 4 persons	
Dong Nai	
Provincial AIDS Division	
Dr. Luong Van Nga	Vice Director
Dr. Pham Tien Hoi	Chief of AIDS Division
Dr. Tran Trung Thuan	Expert of AIDS Division
Ms. Nguyen Thi Ngoe Phuong	Expert, Dong Nai Foreign Affairs Office
Ms. Nguyen Thi Kim Chi	Expert, Dong Nai Foreign Affairs Office
Other 9 persons	
Provincial Central Hospital	
Dr. Duong Thi Mui	Director
Dr. Nguyen Thi Ne	Vice Director
Dr. Pham Thuy Chuong	Vice Director
Dr. Huynh Minh Hoan	Vice Director
Dr. Vo Dao Chi	Chief of Laboratory Department
Dr. Phan Xuan Tu	Chief of Planning Department
Other 6 persons	
Provincial Center for Venereal and Dermat	ological Diseases
Dr. Tran Nguyen Tan	Director
Dr. Le Thi Thanh	Vice Director
Dr. Nguyen Song Binh	Vice Director of Dong Nai Dermatology Hospital
Dr. Nguyen Due Thu	Expert, Statistic Unit
Other 5 persons	-
Provincial Preventive Medicine Center	
Dr. Tran Nguyen Duc	Director
Dr. Nguyen The Kien	Head of Epidemiological Department
Ms. Do Xuan Mai	Deputy Head of Laboratory Department
Ms. Nguyen Thi Xuan Huyen	Accountant
Ha Noj	
National Institute of Hygiene and Epidemic	blogy
Dr. Pham Kim Chi	Head of Laboratory of HIV/AIDS
Dr. Nguyen Thanh Long	CP, Secretary of AIDS Division, MOH
Dr. Nguyen Van Kinh	CP, Expert of AIDS Division, MOH
Other 2 persons	- y support of the or bition hour
National Institute of Hematology and Blood	d Transfusion
Dr. Do Trung Phan	Prof., Director
	a a construction of the second

Dr. Nguyen Chi Tuyen Dr. Bui Thi Mai An Dr. Do Manh Tuan

Other 2 persons

Vice Director Vice Director Head of Laboratory of Immunology CP, Head of Department of Blood Transfusion National Institute of Dermatology & Venereology Dr. Pham Van Hien Director Dr. Tran Hau Khang Vice Director Dr. Nguyen Duy Hung Secretary of STD Sub-Division Other 5 persons National Institute for Clinical Research in Tropical Medicine Dr. Le Dang Ha Director Dr. Nguyen Duc Hien **Deputy Director** AIDS Division, Preventive Medicine Department, MOH Dr. Trinh Quan Huan Director of Preventive Medicine Department Dr. Nguyen Thanh Long CP, Secretary of AIDS Division Dr. Nguyen Van Kinh **CP, AIDS Division** Prof., Director of NIHBT Dr. Do Trung Phan Dr. Pham Van Hien Director of NID Dr. Pham Kim Chi Head of Laboratory of HIV/AIDS, NIHE Dr. Dinh Thu Ha CP, D9Maternal Child Care Hospital, HaNoi Other 4 persons IEC Center, MOH Dr. Nguyen Quang Thuan Director Dr. Le Phi Diet Vice Director Mr. Nguyen Huu Long Head of Audio-Visual Department Other 3 persons National AIDS Committee Dr. Chung A Vice Chairman of NAC & Director of NAB Dr. Luu Minh Chau Deputy Director of NAB Dr. Vuong Thuy Lan Deputy Head of Inter. Cooperation Depart., NAB Dr. Nguyen Duy Tung Deputy Head of Health Manage. Depart., NAB Dr. Nguyen Tran Lam Expert of Inter. Cooperation Depart., NAB

# APPENDIX 4 Minutes of Discussion

# MINUTES OF DISCUSSIONS ON THE BASIC DESIGN STUDY ON THE PROJECT FOR PREVENTION AND CONTROL OF HIV/AIDS TRANSMISSION IN THE SOCIALIST REPUBLIC OF VIETNAM

Based on the results of the Preparatory Study, the Government of Japan decided to conduct a Basic Design Study on the Project for Prevention and Control of HIV/AIDS Transmission (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the Socialist Republic of Vietnam (hereinafter referred to as "Vietnam") the Basic Design Study Team (hereinafter referred to as "the Team"), which is headed by Mr. Toshiyuki Iwama, Deputy Director, First Project Study Division, Grant Aid Project Study Department, JICA, and is scheduled to stay in the country from 17 March to 27 April, 1999.

The Team held discussions with the officials concerned of the Government of Vietnam and conducted a field survey at the study area.

In the course of discussions and field survey, both parties confirmed the main items described on the attached sheets. The Team will proceed to further works and prepare the Basic Design Study Report.

Hanoi, April 16, 1999

Dr. Trinh Quan Huan, MD, PhD Director Department of Preventive Medicine Permanent Vice-Chairman AIDS Division Ministry of Health (Vietnam)

Mr. Toshiyuki Iwama Leader Basic Design Study Team Japan International Cooperation Agency (Japan)

## ATTACHMENT

## 1. Objective of the Project

The objective of the Project is to contribute to Vietnam's strategy for HIV/AIDS control by participating in the following initiatives set out by UNAIDS' Integrated Plan of Action for the Socialist Republic of Vietnam 1998-1999.

- (1) To strengthen the capacity of sustaining epidemiological surveillance (Activity 4 of Initiative 1)
- (2) To strengthen the safety of blood transfusion and blood products (Initiative 8) by providing equipment to ensure that hospitals have a safe supply of compatible blood (Activity 4)
- (3) To raise the level of public awareness on AIDS prevention issues and to promote behavioral change (Initiative 5)
- (4) To strengthen condom use, promotion and distribution (Initiative 6)
- 2. Project sites

The sites of the Project are 10 provinces and the Ministry of Health (MOH). Annex 1 contains the names of the requested sites.

- 3. Responsible and Implementing Agency
- 3-1 The responsible agency is the MOH.

3-2 The implementing agencies are the members of the Provincial AIDS Committee through coordination by the MOH and the National AIDS Committee (NAC).

### 4. Items requested by the Government of Vietnam

After discussions with the Team, the items described in Annex-1 were finally requested by the Vietnamese side. A preliminary assessment on importance based on the field reconnaissance and discussion with MOH is also mentioned. JICA will further assess the appropriateness of the request and will report back to the Vietnamese side for further discussion.

5. Japan's Grant Aid Scheme

The Vietnamese side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Vietnam as explained by the Preliminary Study Team and described in Annex-2 and Annex-3 of the Minutes of Discussions signed by both parties on November 24, 1998.

7.

- 6. Schedule of the Study
- 6-1 The consultants will proceed to further studies in Vietnam until April 27, 1999.
- 6-2 JICA will prepare the draft report in English and dispatch a mission in order to explain its contents in June 1999.
- 6-3 In case that the contents of the report is accepted in principle by the Government of Vietnam, JICA will complete the final report and send it to the Government of Vietnam by August 1999.
- 7. Other relevant issues
- 7-1 The Study Team explained the scope of this proposed Japanese assistance to the NAC. The Team is pleased to note that the Government of Vietnam agrees to provide funds to bear the recurrent expenditure. As numerous international organizations, bilateral donors and local organizations are involved in prevention and control of HIV/AIDS in Vietnam, the Team reiterates the importance of the coordination of the activities within the Government in order to achieve maximum impact and avoid eventual confusion and duplication of efforts.
- 7-2 The Team notes that there are different estimates on the future demand of the condoms. The Team is also aware that there are different channels for condom distribution. Nonetheless the agreed amount of the condoms is based on the implementation capacity of MOH.
- 7-3 MOH requests overseas training on blood transfusion safety in laboratories, epidemiology and surveillance. The Team asks MOH to submit the request to the JICA Vietnam Office.
- 7-4 MOH requests the Japanese Government to extend a follow-on project to other provinces not included in the current assistance. The Team asks to submit the request to the Embassy of Japan.

Project Site : HCMC AIDS Division

HONG

No.	Equipment		Propos	ed No.	Criteria				
		Ori.	Add.	Del.	Total	1	2	3	4
	ELISA System			İ					
2	Autoclave								
3	Stoven Machine			l					
4	Refrigerated Centrifuge			1					
S	Centrifuge			1					
6	PCR System			ļ					
1	Viral Load System			<u>i</u>					
8	Biosafty Cabinet			1					
9	Pipetman			1	1				
10	Agitator (TPHA, RPR)								
11	Deep Freezer			<u> </u>					
12	Yehicle			1					
13	Condon	2,000,000		i	2,000,000	0	0	0	0
14	Hobile Information Unit	1		1	ţ	0	0	• <b>O</b> •	0
15	Video Camera	1	2	ļ	3	Δ	0	0	0
16	Video Editor	1		1	t	Δ	0	0	0
17	Video & Monitor Set	1		1	1	0	0	0	0
18	Printer	1			1	Δ	0	0	0
19	Photocopy Machine	1		Ī	1	Δ.	Δ	0	0
20	Facsimile	1		1	1	Δ	Δ	Õ	0
	Overhead Projector	1			1	0	0.	0	0
22	Slide Projector	1			1	0	Ō	Ō	Õ
23	Computer and Printer	1			1	Δ	Δ	0	0

Project Site :

Preventive Medicine Centre

HCNC

No.	Equipment			Criterla					
		Ori.	Add.	Oel.	Total	1	2	3	4
1	ELISA System	l			1	0	0	0	0
2	Autoclave	1		1	1	0	·O.	0	0
3	Stoven Machine	1		1	1	0	0	0	0
4	Refrigerated Centrifuge	[	1	<u> </u>	1	0	0	Ō	0
5	Centrifuge	1	1	-1	0				
δ	PCR System		1						
1	Viral Load System		1	1				e E da factoria	
8	Biosafty Cabinet	1	1	;	1	0	0	0	0
9	Pipetman	1	1	İ	1	ō	0	0	0
10	Agitator (TPHA, RPR)	t	1.	1	1	0	Ō	Õ	ŏ
11	Deep Freezer	1	1	† <u> </u>		0	0	0	0
12	Vehicle	1		<u> </u>	1	ō	0	ŏ	0
13	Condom		<u> </u>	<u> </u>	•			<u> </u>	
14	Mobile Information Unit		· · · · · ·	; i					
15	Video Camera	1		<b>İ</b>	1	Δ	0	0	0
16	Video Editor	1		÷	1	Δ	Ō	0	0
17	Video & Monitor Set	1	†	i	1	0	Ō	0	i õ
18	Printer	1	<u> </u>	<u>í</u>		Δ	ŏ	ŏ	0
19	Photocopy Machine	1 1	1	1		Δ	Δ	0	0
	Facsimile	1	†	<u> </u>	1		4	ŏ	0
21	Overhead Projector	1	i	<u>.</u>	1	ō	0	ŏ	l ŏ
	Slide Projector	1	1	<u> </u>		<del>o</del>	0	ŏ	0
	Computer and Printer		<u> </u>	i	1	$\overrightarrow{}$	0	0	0

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Criteria

 Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of O/M,
 Physical Condition of the Installation site

No.	Equipment	ĺ	Propo	sed No.	Griteria					
.nv.		Ori.	Add.	Del.	Total	1	2	3	4	
1	ELISA System	1	1	1	t	0	Δ	0	0	
2	Autoclave	1	1	1	1	0	0	0	0	
Э	Stoven Wachine	1		1	1	0	0	0	0	
4	Refrigerated Centrifuge	1		1	1	0	0	0	0	
5	Centrifuge	1			1	0	0	0	0	
6	PCR System									
7	Viral Load System				1					
8	Biosafty Cabinet	1			1	0	Δ	0	0	
9	Pipetman	1			1	0	0	0	0	
10	Agitator (IPHA, RPR)		Ī	1	1	<b>j</b>				
11	Deep Freezer		1	l						
12	Vehicle		1	1						
13	Condom		1	l						
14	Mobile Information Unit			1	1					
15	Video Camera		1	1						
16	Video Editor		1	1			1	1		
17	Video & Wonitar Set		1	1	•	1		1	,	
18	Printer				1		1	·····	,	
15	Photocopy Machina		1				1			
20	Facsinile		1		1					
21	Overhead Projector	1	1	1	1	0	0	0	0	
27	Slide Projector	1		ļ	1	0	0	0	0	
	3 Computer and Printer	1		1	1	Δ	Δ	0	0	

# Ho Chi Ninh City (2/3)

Project Site : Blood Transfusion Centre HCVC

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### Project Site : Tropical Diseases Centre

HCKC

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No.	Equipment		Propos	Griteria					
NO.	CQUIPBEAL	Ori.	Add.	Del.	lotal	1	2	3	4
1	ELISA System	1	Ī	[	1	0	Δ	0	0
2	Autoclave		1		1	0	Δ	0	0
3	Stoven Machine		1		1	0	Δ	0	0
4	Refrigerated Centrifuge		1	1					
5	Centrifüge		1.	1	1	0	Δ	0	0
6	PCR System		1		1	Δ	0	0	0
7	Viral Load System	1		-1	0				
8	Biosafty Cabinet		1	l	1	0	Δ	0	0
9	Pipetman		1		1	0	Δ	0	0
- 10	Agitator (TPHA, RPR)		1	1					
11	Deep Freezer				1				
12	Vehicle			1	1		1	1	
13	Condom		1						
14	Mobile Information Unit			1					
15	Video Camera		1	1			1	1	
16	Video Editor	[	<u> </u>	1			1	1	
17	Video & Monitor Set	<b> </b>	1	1				•	
18	Printer	<u> </u>	1	1			1	1	
19	Photocopy Machine	[	1	1	1		1	ļ	1
20	Facsinite	1	1	1	1			1	1
21	Overhead Projector			1	1		Ī		Ī
_	Stide Projector	1	1	1			, 		1
_	Computer and Printer	<u> </u>	1	1	1		1	1	1
	Incubator	1	1	1	1	Δ	Δ	0	0
	Balance	1	1		1	Δ	Δ	0	Ō

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of equipment at the project site. 3' Availability of 0/M, 4. Physical Condition of the Installation site

	Project Site :	Oermato	togy Ho	spital					HCNC
No.	Equipment		Propos	Critoria					
r.o.		Ori.	Add.	Del.	Total	1	2	3	4
1	ELISA System	1	<b>***</b>		1	0	0	0	0
2	Autoclave	I		1	1	0	0	0	0
3	Stoven Nachine	I		1	1	0	0	0	0
4	Refrigerated Centrifuge		1	1					
5	Centrifuge	1			1	0	0	0	0
5	PCR System		1						
7	Viral Load System		1						
8	Biosafty Cabinet	1	1		2	0	Δ	0	0
9	Pipetman	1	1		1	0	0	0	0
10	Agitator (TPHA, RPR)	1		1	1	0	0	0	0
11	Deep Freezer		ļ	l					
12	Vehicle		1					-	
13	Condon								
14	Nobile Information Unit		1			÷		ĺ	
15	Video Camera		1						
16	Video Editor			ļ					
12	Video & Monitor Set								
18	Printer		;	1					
19	Photocopy Machine		1						
20	Facsimile								
21	Overhead Projector	1				0	0	0	0
22	Slide Projector	I	1			0	0	0	0
23	Computer and Printer	1	1	1	1	Δ	Δ	0	0

Ho. Chi Minh City (3/3)

Project Site : Pasteur Institute

HCXC

	Equipment		Pro00:	sed No.	Criteria					
No.		Ori.	Add.	Oel.	lotal	1	2	3	4	
I	ELISA System									
2	Autoclave			1		_	l		<u> </u>	
3	Stoven Machine	1	1				1			
4	Refrigerated Centrifuge			ł						
Ś	Centrifuge									
6	PCR System		1		1	۵	0	0	0	
7	Viral Load System			1					•	
8	Biosafty Cabinet			1				<u> </u>	į	
9	Pipetman						1		<u> </u>	
10	Agitator (TPHA, RPR)						1	<u> </u>	<u>i</u>	
11	Deeo Freezer		1					<u> </u>	<u>i</u>	
12	Vehicle				l		1		Į	
13	Condor			1			1			
14	Nobile Information Unit						[		<u> </u>	
15	Video Camera								<u> </u>	
16	Video Editor						<u> </u>	<u> </u>	<u> </u>	
Ð	Video 3 Monitor Set	1		2				<u> </u>	<u>i</u>	
18	Printer		ł	Į			<u> </u>		<u> </u>	
19	Photocopy Machine			1			<u> </u>	<u> </u>	<u> </u>	
20	Facsinile			ţ		[	l	<u> </u>	<u> </u>	
21	Overhead Projector			1	1		1	<u> </u>		
22	Slide Projector		1							
23	Computer and Printer	1							1	

Criteria

1: Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of 0/M, 4: Physical Condition of the Installation site

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	· · · ·	Proposed No.				Criteria				
No.	Equipment	Ori,	Add.	Del.	Total	1	2	3	4	
I	ELISA System									
2	Autoclave			1		1				
3	Stoven Machine									
4	Refrigerated Centrifuge									
5	Centrifuge									
6	PCR System									
7	Viral Load System									
8	Biosafty Cabinet									
9	Pipetman									
10	Agitator (IPHA, RPR)									
11	Deep Freezer									
12	Yehicle									
13	Condon	1, 000, 000		\$00,000	\$00,000	0	Δ	Δ	0	
- 14	Hobile Information Unit	1			1	0	0	0	C	
15	Video Camera	1			1	۵	x	Δ	C	
16	Video Editor	1			1	Δ	X	۵	C	
17	Video & Monitor Set	1			1	0	0	0	C	
18	Printer	1			1	Δ	X	Δ	C	
19	Photocopy Wechine	1			1	Δ	0	0	C	
20	Facsimite	1			1	Δ	0	0	C	
21	Overhead Projector	1			1	0	0	0	C	
22	Slide Projector	1		ł	1	0	0	0	C	
23	Computer and Printer	1			1	Δ	Δ	0	C	

Dong Nai Province (1/2)

Project Site :

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#### Preventive Wedicine Centre

Dong Nai

			Propos	sed No.		Criteria				
No.	Equipment	Ori.	Add.	Del.	Total	1	2	3	4	
	ELISA System	1		1	1	0	0	0	0	
2	Autoclave	1		1	1	0	0	0	0	
3	Stoven Machine	1	<u> </u>	<u> </u>	1	0	0	0	0	
4	Refrigerated Centrifuge		1	1						
5	Centrifuge	1		1	1	0	Δ	0	0	
6	PCR System		1	Ī						
	Viral Load System		1							
8	Biosaftý Cabinet	1	1	1	1	0	0	0	0_	
9	Pipetman	1	1		Ι	0	0	0	0	
10	Agitator (TPHA, RPR)		1							
11	Deep Freezer			1						
. 12	Vehicle	1			1	0	0	0	0	
13	Condon									
14	Nobile Information Unit									
15	Video Camera	3			T	Δ	0	0	0	
16	Video Editor	1	1		1	Δ	0	0	0	
17	Video & Monitor Set	1				0	0	0	0	
18	Printer	1				Δ	0	0	0	
19	Photocopy Machine					Δ	Δ	0	0	
20	Facsimile	1		1	1	۵	Δ	0	0	
21	Overhead Projector	1	1		1	0	0	0	0	
22	Slide Projector	i		1	1	0	0	0	0	
23	Computer and Printer	1			1	Δ	0	0	0	

Criteria

Basic equipment for HIV prevention activity. 2: Mecassity of equipment at the project site. 3: Availability of 0/M.
 Physical Condition of the Installation site

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	Project Site :	Provinc	ial Ger	ierat B	osoital		···· • ·····	Dong }	181
	·····	· · · · · · ·	Propos	Criteria					
No.	Equipment	Ori.	Add.	Del.	Total	1	2	3	4
	ELISA System	1	1		1	0	0	0	0
2	Autoclave	1	1		1	0	0	0	0
3	Stoven Machine	1		1	1	0	0	0	0
4	Refrigerated Centrifuge	1		1	1	0	0	Δ	0
5	Centrifuge	1	i	1	1	0	0	0	0
6	PCR System				1				
7	Viral Load System		1	ļ					
8	Biosafty Cabinet	1	1		I	0	۵	· 0	0
9	Pipetman	1	1		1	0	Δ	0	0
10	Agitator (TPHA, RPR)			1		0	0	0	0
11	Deep Freezer						1		
12	Vehicle		1	1					
13	Condon						<u> </u>		
14	Wobile Information Unit						İ		
15	Video Camera	l	i	1					
16	Video Editor		]				ļ		<u> </u>
17	Video & Wonitor Set					0	0	0	0
18	Printer						<u> </u>	ļ	
19	Photocopy Machine		1			Δ	4	0	0
20	Facsimile						<u> </u>		
21	Overhead Projector	1			1	0	0	0	0
22	Slide Projector		1		1	0	0	0	0
23	Computer and Printer	1			1	4	Δ	0	0
	Nicroscope		1		1	0	Δ	0	0

# Dong Nai Province (2/2)

Project Site :

## Dermatology Centre

Dong Nai

			Propos	ed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Del.	lotal	1	2	J	4
1	ELISA System	1	1		1	0	X	Δ	0
2	Autoclave	1	1	Ì	1	0	0	0	0
3	Stoven Machine	1	1	1	1	0	0	0	0
4	Refrigerated Centrifuge			1					
5	Centrifuge	1	1	1	1	0	x	0	0
6	PCR System		1	1	1				
1	Viral Load System	[		1					
8	Biosafty Cabinet	1			1	0	Δ	Δ	0
9	Pipetman	1	l		1	0	Δ	0	0
10	Agitator (TPHA, RPR)	1	1		2	0	0	0	0
н	Deep Freezer		ļ						
12	Ychicle								
13	Condom			1			<u> </u>		
14	Nobile Information Unit			-			<u> </u>		
15	Video Camera		]	1		l	į		
16	Video Editor			1			<u> </u>	<u>l</u>	
17	Video & Monitor Set		1		1	0	x	0	0
18	Printer			l				<u> </u>	
19	Photocopy Vachine			l	<u> </u>	1	1	<u> </u>	
20	Facsimite						<u> </u>	1	
21	Overhead Projector	1			1	0	Δ	0	0
22	Slide Projector				1	0	Δ	0	0
23	Computer and Printer			-1	Q			i	<u> </u>
	Incubator	1	1	1	1	0	4	0	0

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Criteria

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1: Basic equipment for HiV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of O/M, 4: Physical Condition of the Installation site

Baria Vungtau	Province (1/2)
Carla Jane Can	1.1.01.11.02

Project Site : Provincial AIOS Division

Baria Vungtau

	·····		Pr000	sed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Del.	Total	1	2	J	4
1	ELISA System			1					
2	Autoclave								
3	Stoven Nachine								
4	Refrigerated Centrifuge								
5	Centrifuge			<u> </u>					
б	PCR System			L					
1	Viral Load System								
8	Biosafty Cabinet								
9	Pipetman			1					
10	Agitator (TPHA, RPR)		Ĺ	1					
Н	Deep Freezer								
12	Vehicle			<u> </u>					<u></u>
13	Condom	100,000	<u> </u>	400.000	100,000	0	Δ	Δ	0
14	Nobile Information Unit	1	1	1	1	0	<u>0</u>	· 0	<u> </u>
15	Video Camera	1	ļ	<u> </u>	1	Δ	0	0	0
16	Video Editor	1		<u>.</u>	1	Δ	0	0	0
17	Video & Monitor Set	1		<u> </u>	1	0	0	0	0
18	Printer	1			I	Δ	0	0	0
19	Photocopy Machine	1			1	Δ	0	0	0
20	Facsimile				1	Δ	Δ	0	0
21	Overhead Projector				1	0	0	0	0
22	Slide Projector	1			1	0	0	0	0
23	Computer and Printer	1	1		1	Δ	X	0	0

Project Site :

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Preventive Medicine Centre

Baria Yungtau

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			Propos	sed No.		Criteria			
No.	Equipment	Ori.	Add,	Oel.	lotal	1	2	1	4
1	ELISA System	I		1	1	0	0	0	0
	Autoclave	1	1	Ì	1	0	0	0	0
3	Stoven Machine	1	1	-1	0				
4	Refrigerated Centrifuge								
5	Centrifuge	1			1	0	0	0	0
6	PCR System		1						
1	Viral Load System		l	1					
8	Biosafty Cabinet	1		2	1	0	Δ	0	0
9	Pipetman	1			1	0	0	0	0
10	Agitator (IPHA RPR)								
11	Deep Freezer			!					
12	Yehicle	· 1			1	0	0	0	0
13	Condom						L		
14	Hobile Information Unit			1		L	<u> </u>		
15	Video Camera	I		-1	0		!		
16	Video Editor	1		-1	0		ļ		
17	Video & Monitor Set	1		-1	0		<u> </u>	<u></u>	
18	Printer	1	1	-1	0				
19	Photocopy Machine	1		-1	0		[		
20	Facsinile	1		<u> </u> -l	0		!	<u> </u>	
21	Overhead Projector	I	i		I	0	0	0	0
22	Slide Projector	I		1	1	0	0	0	0
23	Computer and Printer	1			1	4	0	0	0
	Refrigerator		1	1	1	0	0	0	0

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Criteria

1: Basic equipment for HIY prevention activity, 2: Necessity of equipment at the project site. 3: Availability of O/M. 4: Physical Condition of the Installation site

	Project Site :	Provincia	I Ger	neral -	Hospital	مورد میدانم	8ar i a	Yungta	J 
		<u> </u>	Propos	sed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Cel.	Total	1	2	3	4
1	ELISA System	1		1	1	0	0	0	Q
-	Autoclave	1 1	1		2	0	0	0	0
J	Stoven Machina	1			1	0	۵	0	0
4	Refrigerated Centrifuge	1		1	I	0	0	0	0
S	Centrifuge	1 1			1	0	×	0	0
6	PCR System								
1	Viral Load System								
8	Biosafty Cabinet	1			1	0	Δ.	0	0
9	Pipetman			-		0	0	0	0
10	Agitator (TPHA, RPR)	1		ĺ	-	0	0	0	0
_	Deep Freezer								
12	Vehicle	1		1			l		
13	Condom	1					[		
14	Nobile Information Unit						L		
15	Video Camera	i	ł		1	Δ	<u>x</u>	Δ	0
16	Video Editor	1 1	I		I.	Δ	×	Δ_	0
17	Video & Monitor Set		I		1	0	0	0	0
18	Printer		1		1	۵	x	Δ	0
19	Photocopy Machine	T T	1		I	۵	0	0	0
	Facsimile							<u>;</u>	ļ
21	Overhead Projector			ļ	1	0	0	0	0
21	Slide Projector	1			1	0	0	0	0
	Computer and Printer	1		1	1.	۵	4	0	0

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Criteria

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1: Basic equipment for Hi¥ prevention activity. 2: Necessity of equipment at the project site. J: Availability of O/M. 4: Physical Condition of the Installation site

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Baria Vungtau Province (2/2)

Project Site :

Provincial General Hospital

Baria Yungtau

Project Site :	Provincial	

An Giang

			91000	sed No.		Criteria			
No.	Equipment	Ori.	Add.	Del.	lotal	1	2	3	4
1	ELISA System		<b>*</b>						
2	Autoclave								
3	Stoven Machine				L				
4	Refrigerated Centrifuge			<u> </u>	ļ				
5	Centrifuge			<u> </u>	L				
6	PCR System			<u> </u>	<b> </b>				
7	Viral Load System			<u> </u>	ļ ļ				
8	Biosafty Cabinet			<u> </u>					
9	Pipetman			-	· · · · · · · · · · · · · · · · · · ·				
10	Agitator (TPHA, RPR)			<u> </u>					
11	Deep Freezer			<u> </u>					
12	Vehicle			<u>.</u>					
13	Condom	1, 000, 000			1, 000, 000	0	0	. 0_	0
14	<b>Vobile Information Unit</b>	1		<u>i</u>	1	0	0	0	0
15	Video Camera	1		!		Δ	0		0
16	Video Editor	1			1	Δ	0	0	0
17	Video & Monitor Set	1.			1	0	0	0	Δ
18	Printer	1		<u> </u>	1	۵	0	0	0
19	Photocooy Machine	1		1		Δ	Q.	0	Δ
20	Facsimile	1		<u> </u>	1	Δ	0	0	Δ
21	Overhead Projector	1		<u> </u>	1	0	0	0	<u> </u>
22	Stide Projector	1	L	1	1	0	0	0	0
23	Computer and Printer	1		1		Δ	Δ	0	0

Project Site :

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Preventive Medicine Centre

An Giang

			Propos	sed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Oel.	Total	1	2	3	4
1	ELISA System							1	
2	Autoclave	1	1	1	1	0	· 0	0	0
J	Stoven Machine	1			1	0	0	0	0
4	Refrigerated Centrifuge			1					
5	Centrifuge	1		1	1	0	0	0	0
6	PCR System	F		-1	0				
1	Viral Load System			1					
8	Biosafty Cabinet		1	l					
9	Pipetman	1			1	0	0	0	0
10	Agitator (IPHA, RPR)		1	I	1	0	0	0	0
11	Deeo Freezer		-						
12	Vehicle		[		1	0	0	0	0
13	Condon		Ĩ				<u> </u>		
14	Nobile Information Unit		-	1					
15	Video Camera	1		1	1	Δ_	×	0	0
16	Video Editor	1		-1	0				
17	Video & Monitor Set	1			1	0	Δ	0	0
18	Printer		1	-1	0		<u> </u>		
15	Photocopy Machine	1	1		1.	Δ	۵	0	0
20	Facsimile	I	1	-1	0				<u> </u>
21	Overhead Projector	1			1	0	Δ	0	0
22	Slide Projector	1	1		i	0	Δ	0	0
	Computer and Printer	ī	1	1	1	Δ	0	0	0

Criteria

1: Basic equipment for HIY prevention activity, 2: Mecassity of equipment at the project site, 3: Availability of 0/%. 4: Physical Condition of the Installation site

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An Giang	Province	(2/2)
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	Project Site :	Provinc	ial Ger	eral Ko	spital		<u> </u>	An Gia	<u>ne</u>
			Propos	sed No.		···········	Crit	oria	
No.	Equipment	Oci.	Add,	Del.	fotal	1	2	3	1
I	ELISA System		I		1	0	0	0	0
2	Autoclave	1	1	1	1	0	0	0	<u> </u>
3	Stoven Vachine	1	[		1	0	0	0	0
4	Refrigerated Centrifuge	l	1	į	1	0	Q٠	0	0
5	Centriluge	1			1	0	0	0	<u> </u>
6	PCR System		ī						
7	Viral Load System		1						
3	Biosafty Cabinet	1	1		<u>   </u>	0	Δ	0	0
9	Pioetman	1	Ī			0	0	0	0
10	Agitator (IPHA, RPR)	2	1	-1	1	0	0	0	0
TI	Deep Freezer ·		1	1	1				
12	Vehicle		1	1					
T.	Condom :		1	1					
1	Wobile Information Unit		1				ļ	<u> </u>	
1	Video Camera	1	1		1	Δ	0	0	0
10	i Video Editor		1						
1	Video & Monitar Set	1	1				1	<u> </u>	
1	Printer	1	I					<u> </u>	<u> </u>
<b></b>	Photocopy Machine	1	Ì				I		<u> </u>
2	DFacsimile	1	1	1			<u> </u>	<u> </u>	ļ
2	Overhead Projector	1	]	1	1	0	0	0	0
J	2 Slide Projector	1		i.	1	0	0	0	0
<u> </u>	3 Computer and Printer	1	}	i	1	Δ	<u> </u>	0	0

Provincial General Hospital Project Site :

Project Site :

Chaudoc General Hospital

An Giang

			Propos	sed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Del.	lotal	1	2	3	4
1	ELISA System	1	1	1	1	0	Δ	0	0
	Autoclave	1	1		1	0	0	0	0
	Stoven Machine	1	1	1	1	0	0	0	0
4	Refrigerated Centrifuge		1	1				1	
	Centrifuge	1			1	0	0	0	О.
	PCR System		1	1					
7	Viral Load System		į	1		•			
8	Biosafty Cabinet	1	1	1	1	0	۵ ا	0	0
9	Pipetman	1	1		1	0	0	0	<u> </u>
10	Agitator (TPHA, RPR)	2	1	-1	1	0	0	0	0
11	Deep Freezer								
12	Ychicle								
13	Condon			1					
14	Nobile Information Unit		<u> </u>			L			<u> </u>
15	Video Camera		1			ļ			
10	i Yideo Editor					ļ			<u> </u>
Ľ	Video & Monitor Set		1 1	<u> </u>		0	0	0	0
11	Printer	]				L		ļ	
19	Photocopy Mechine		<u> </u>			<u> </u>			<u> </u>
21	Facsimite		1	1	<u> </u>	ļ	<u> </u>	ļ	<u> </u>
2	Overhead Projector	1		1	1	0	0	0	0
2	2 Stide Projector	1				0	0	0	0
2	3 Computer and Printer	1			<u> </u>	1 0	Δ	0	0

Criteria

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1: Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site, J: Availability of O/K, 4: Physical Condition of the Installation site

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	Project Site :	Provinci	ial AlC	S Oive	\$100			Lam Do	ng
			81000	sed No.			Ceite	eria	
No.	Equipment	Ori.	Add.	Oel.	Total	1	2	3	4
ł	ELISA System			<u>.</u>					
2	Autoclave								
3	Stoven Machine			<u> </u>	ļ	<u> </u>			
4	Refrigerated Centrifuze								
5	Centrifugo				ļ				
6	PCR System								
7	Viral Load System						1		
8	Biosafty Cabinet								
9	Pipetman			ļ					
10	Agitator (IPHA, RPR)								
11	Deep Freezer			<u> </u>					
12	Vehicle			1					
13	Condom	400,000	<u> </u>	1	400,000	0	0	Δ	0
14	Nobile Information Unit	l I	<u> </u>	<u> </u>		0	0	0	0
15	Video Gamera	1	<u> </u>			Δ	0	0	0
16	S Video Editor	1	[			Δ	0	0	0
17	Video & Monitor Set	1			1	0	0	0	0
18	B Printer	1			1	Δ	0	0	0
15	Photocopy Machine	1			1	Δ	Δ	0	0
20	Facsimile	1		1	1	Δ	۵	0	0
21	1 Overhead Projector	1	1		1	0	0	0	0
22	2 Slide Projector	1	1	·	1	0	0	0	0
2:	3 Computer and Printer	1			I I	Δ	Δ	0	0
<u> </u>	Camera	1	1	1	1	Δ	Δ	0	0

Project Site :

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Preventive Medicine Centre

Lass Dong

	_		Propos	sed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Del.	lotal	1	2	Ĵ	4
1	ELISA System	1			1	0	0	0	0
	Autoclave	1	ļ		I	0	0	0	0
3	Stoven Machine	1				0	Δ	0	0
4	Refrigerated Centrifuge			1					<u></u>
5	Centrifuge	1	1		I	0	0	0	0
6	PCR System		ļ						
1	Viral Load System						I		
8	Biosafty Cabinet		İ		1	0	Δ	0	0
9	Pipetaan	i	}	1	1	0	0	0	0
10	Agitator (TPHA, RPR)								<u> </u>
11	Deep Freezer			1					
12	Vehicle	1	1	<u> </u>		0	0	0	0
13	Condom		1	1					Í
14	Nobile Information Unit			ł			<u> </u>		
15	Video Camera	1			1	4	x	Δ	0
16	Video Editor	1		<u>  - </u>	0				
17	Video & Vonitor Set	1		1	1	0	0	0	0
18	Printer	1	1	-1	0				
19	Photocopy Machine	1			1	Δ	x	0	0
20	Facsimile	I	-		1	6	4	0	0
21	Overhead Projector	1		İ	1	0	0	0	0
	Stide Projector	1			1	0	. Δ	0	0
· · · · ·	Computer and Printer	1	1	i	1	4	0	0	0

Criteria

Sasic equipment for HIV prevention activity, 2: Mecassity of equipment at the project site, J: Availability of O/M.
 Physical Condition of the Installation site

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Project Site : Provincial General Hospital Lam Dong

•			Propos	ied No.			Çrit	eriz	
No.	Equipment	Ori.	Add.	Oel.	Total	1	2	3	4
1	ELISA System		ĺ					1	
2	Autoclave	I	Ì		1	0	0	0	<u> </u>
1	Stoven Machine		1		1	0	۵	0	0
4	Refrigerated Centrifuge	1	1	1	1	0	0	0	0
5	Centrifuge	I	1	İ.	1	0	0	0	0
5	PCR System		1				•		
7	Viral Load System		1	1	1				
8	Biosafty Cabinet	1	1	1	<u> </u>	0	Δ	0	0
9	Ploetnan	1		1		0	0	0	0
10	Agitator (TPHA, RPR)						<u> </u>		
11	Deep Freezer		1				Ĺ		
12	Yehicle		1						
R	Condora		<u> </u>	1			L		
14	Wobile Information Unit				<u> </u>				
1	Video Camera		1						
10	SVideo Editor		1	<u> </u>					
1	7 Video & Monitor Set	1		<u> </u>				ļ	
11	8 Printer				<u> </u>		į		
1	Photocopy Machine		1	1			<u> </u>		
20	0 Facsimile	·	}	1	<u> </u>		ļ		
2	1 Overhead Projector	1		•	1	0	0	0	0
2	2 Slide Projector	1		<u> </u>	1	0	0	0	0
2	3 Computer and Printer	1			1	Δ_	Δ	0	0
<b></b>	Refrigerator		1			0	0	0	0

Project Site :

Dermatology Centre

Lam Dong

			Propos	ed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Del.	Total	1	2	3	4
1	ELISA System	1	1	1	1	0	0	0	0
	Autoclave	1	1	1	1	0	0	0	0
3	Stoven Machine	1		1	1	0	0	0	0
4	Refrigerated Centrifuge	•	l						
5	Centrifuge	١	l		1	0	0	0	<u> </u>
6	PCR System								
7	Viral Load System								
8	Biosafty Cabinet	Ĩ	1	i	1	0	Δ	0	0
9	Pipetman	1	1		1	0	0	0	0
10	Agitator (IPHA, RPR)	1.		į	1	0	0	0	0
11	Deep Freezer			1	<u> </u>	ļ			
12	Yehicle			<u> </u>		ļ			
13	Condoa		<u> </u>			l	<u> </u>		
14	Nobile Information Unit		1	<u> </u>	<u> </u>		<u> </u>		
15	Video Camera		<u> </u>	<u> </u>			<u> </u>		
16	Video Editor		ļ	1		<u> </u>	<u> </u>	·	
17	Video & Monitor Set		<u>i</u>	1	<u> </u>	<b></b>	<u> </u>		<u>  .</u>
18	Printer			1			<u> </u>		·
19	Photocopy Machine		<u> </u>	1				0	0
20	Facsinile.		1			<u> </u>	<u>Δ</u>	0	0
21	Overhead Projector	5	1	<u>i</u>	1	0	0	0	0
22	Slide Projector	1			1	0	0	0	0
2:	Computer and Printer	1	•	1	1	<u>Δ</u>	<u>Δ</u>	0	0
	Syringe needle cutter		1	_		<u>  0</u>		0	0
	Camera		1				<u>                                     </u>	0	0
	Ultrasonic Cleaner				1	$ \circ $	jΔ	10	0

Criteria

I: Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site. J: Availability of O/M. 4: Physical Condition of the installation site

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#### Project Site :

## Provincial AIOS Division

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No.	Equipment	· · · · · · · · · · · · · · · · · · ·	Propos	ed No.			Crit	aria	~
		Ori. j	Add,	Døl.	Total	1	2	3	4
1	ELISA System								
2	Autoclave								
3	Stoven Machine						-		· ·
4	Refrigerated Centrifuge								
5	Centrifuga								
6	PCR System								•
1	Viral Load System						~~~		
8	Biosafty Cabinet				· · · · · - · - · · · - ·				
9	Pipetman								
10	Agitator (IPHA, RPR)								
11	Deep Freezer						· ·		
12	Yehicle					~			<u></u>
13	Condon	500,000	10,000		500,000	0	0	0	0
14	Hobile Information Unit	1			1	0	0	0	Ō
15	Video Camera	1	1		2	Δ	0	0	Ō
16	Video Editor	1	I		1	Δ	0	0	Ō
17	Video & Monitor Set	1			1	0	0	0	ò
18	Printer	1			1	Δ	Ō	Õ	Õ
19	Photocopy Machine	1	<u> </u>	1	1	Δ	0	0	õ
20	Facsimile	1	1	<u> </u>	1	Δ	Õ	Ő	0
21	Overhead Projector	1		1	1	0	Δ	Õ	ŏ
22	Slide Projector	1	[		1	Õ	Δ	Ō	ŏ
23	Computer and Printer	1			1	Δ	Δ	0	õ

Project Site :

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Preventive Medicine Centre

Long An

No.	Equipment		Propos	ied No.			Crit	eria	
		Ori.	Add.	Oel.	lotal	1	2	3	4
	ELISA System	(1)		1	1	0	0	0	0
2	Autoclave	1+(1)		-1	1	0	0	0	0
3	Stoven Machine	1+(1)		-1	1	0	Δ	0	0
	Refrigerated Centrifuge	·		1					
	Centrifuge	1+(1)		-1	1	0	0	0	0
6	PCR System								
1	Viral Load System			[					
88	Biosafty Cabinet	1+(1)		-1	1	0	Δ	0	0
9	Pipetman	1+(1)		-1	1	Ó	Δ	0	0
10	Agitator (IPHA, PPR)	(1)		<u> </u>	1	0	Δ	0	Õ
11	Deep Freezer			1					
12	Vehicle	1		1		0	0	0	0
13	Condom			ļ					
- 14	Mobile Information Unit			1					
15	Video Camera	1		-1	0				
16	Video Editor	1		-1	0				
17	Video & Monitor Set	1		-1	0				
: 18	Printer	1		-1	0				
19	Photocopy Machine	ł		1	1	Δ	X	0	0
20	Facsimile	1		1	1	Δ	x	0	0
21	Overhead Projector	1+(1)		-1	1	0	۵	0	0
22	Slide Projector	1+(1)		-1	1	0	Δ	0	0
23	Computer and Printer	1+(1)		-1	1	Δ	0	0	0

Criteria

 8asic equipment for HiV prevention activity, 2: Necossity of equipment at the project site, 3: Availability of O/M,
 4: Physical Condition of the Installation site

Remark: Humbers in parenthesis indicate those proposed initially from the dermatology Centre.  $$7. $\ensuremath{\mathcal{T}}$$ 

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	1	Long	. <u>Ao.</u> .	Province (2/2)	
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	Project Site :	Provinc	ial Ger	eral B	osoital	•		long /	ln
	······	<b></b>	Propos	ed No.	·7		Crit	eria	<u></u>
Na.	Equipment	Ori.	Add.	Oel.	Total	1	2	3.	4
1	ELISA System	1			1	0	Δ	0	0
2	Autoclave	1	1		1	0	0	0	0
3	Stoven Wachine	1	l .		1	0	0	0	0
4	Refrigerated Centrifuge	1	Ī		I	0	0	0	0
5	Centrifuge	1	1		I	0	Δ.	0	0
6	PCR System		<b></b>	1					
1	Viral Load System		1	1					
8	Biosafty Cabinet	1	1		1	0		· 0	0
9	Pipetman			1	1	0	0	0	0
10	Agitator (IPHA, RPR)		ł			0	0	0	0
11	Deep Freezer						l		
12	Vehicle		1	ł	1	Δ	x I	0	0
13	Condom	1	1	1					
14	Wobile Information Unit			1	[		I	I	L
15	Video Camera	I	1					· ·	<u> </u>
16	Video Editor		Ì	1			! !		
17	Video & Wonitor Set		1	1	1	0		0	0
18	Printer	1		1				<u> </u>	<u> </u>
19	Photocopy Machine	1							1
20	Facsinile	1	1	1					
21	Overhead Projector	1	Ţ	1	0			l i	<u>.</u>
22	Slide Projector	1	1	1	0				
23	Computer and Printer	1			1	Δ	Δ.	0	0

Criteria

1: Basic equipment for HIV prevention activity, 2: Mecessity of equipment at the project site, 3: Availability of 0/M, 4: Physical Condition of the Installation site

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	<u>Project Site</u> :			·····	5100		Alen	Giang	
No.	Equipment		· · · · · · · · · · · · · · · · · · ·	od No.			Cri	teria	
1	ELISA System	Ori.	Add,	Uel.	Iotal	1	2	] ]	4
	Autoclave	╊		<b>.</b>			L	[	1
	Stoven Machine		<u> </u>				ļ	L	L
	Refrigerated Contrifuge						<b> </b>	ļ	į
5	Centriluge						<u>i</u>	<b> </b>	<u> </u>
	PCR System		<u> </u>	l			<u> </u>	<b>!</b>	
	Viral Load System						ļ	<b> </b>	ļ
8	Biosafty Cabinet	<u></u>			<u> </u>			<u> </u>	Ļ
	Pipetman		1	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>
10	Agitator (IPHA, RPR)	<b></b>							<u> </u>
	Deep Freezer	[	†		{				<u> </u>
12	Vehicle						<del> </del>		ļ
13	Condom	500,000	200,000		700,000	0			
	Mobile Information Unit	1			1	0	0		0
15	Video Camora	1			<u> </u>	Δ	0	0	0
16	Video Editor	1				Δ	0	0	0
	Video & Monitor Set	1	, 		1	0	0	0	0
_	Printer	1			<u>-</u>	Δ	0		0
	Photocopy Waching	1			1	<u>Δ</u>	0	0	0
	Facsimile	1				Δ	0	0	0
21	Overhead Projector	1				0	0	0	0
	Slide Projector	1				0	0	0	0
23	Computer and Printer	1				Δ	. 0	0	0

# Kien Giang Province (1/2)

Project Site :

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Preventive Medicine Centre

Kien Giang

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No.	Equipment		Propo	sed No.		<u> </u>	Crit	teria	
	· · ·	Ori.	Add.	Oel.	Iotal	1	2	3	4
	ELISA System		1		1	0	0	0	0
_	Autoclave	1	1		1	ŏ	ŏ	0	$\overline{0}$
	Stoven Wachine	1	i		1 1	ŏ	ŏ	0	$\frac{1}{0}$
4	Refrigerated Centrifuge		1	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u></u>
5	Centrifuge	1	<u>i</u>		1-1-	0	0	L	<u> </u>
6	PCR System		<b>†</b>		<u>├──</u>	<u> </u>	<u> </u>	0	0
7	Viral Load System		i	<u> </u>	<u>├</u> ───		<u> </u>		<u> </u>
8	Biosafty Cabinet	1	<u> </u>	! 					<u> </u>
	Pipetman	1	i			0	Δ	Δ.	0
10	Agitator (IPHA, RPR)		1			0	0	0	0
	Deep Freezer		<u> </u>			0	0	0	0
	Vehicle	 T	<u> </u>						
_	Condom				1	0	0	0	0
14	Mobile Information Unit								
	Video Camera				1				
	Video Editor		·	-1	0	Δ	0	0	0
	Video & Wonitor Set				1				
	Printer			-1	0	<u> </u>	0	0	0
19	Photocopy Machine								
	Facsimile				· · · · ·			0	0
	Overhead Projector			·	1			<u>•0</u>	0
22	Slide Projector					0	_0	0	0
	Computer and Printer					0	0	0	0
~~	an FINES	1	!		1	<u> </u>	0	0	0

Critaria

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Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site. J: Availability of 0/M.
 Physical Condition of the Installation site

that

No.			Propol	sed No.			Crit	eria	
no.	Equipment	Qri.	Add,	Del.	Total	1	2	3	4
1	ELISA System	1			1	0	0	0	0
2	Autoclave	1		1	1	0	0	0	0
3	Stoven Machine	1	1	1	1	0	0	0	0
4	Refrigerated Centrifuge	1	[	1		0	0	0	0
5	Centrifuge	1		ŀ	1	0	0	0	0
δ	PCR System		1	1					
1	Viral Load System		1	1					
8	Biosafty Cabinet	1			1	0	۵	0	0
9	Pipetman	1	1		1	0	0	0	0
10	Agitator (TPHA, RPR)		1	1		0	0	0	0
11	Deep Freezer			1			1		
12	Vehicle		I				1		
13	Condon								
14	Nobile Information Unit								
15	Video Camera		1		t	Δ	x	0	0
16	Video Editor								
17	Video & Monitor Set		1	ļ	I	0	Δ	0	0
18	Printer						1		
19	Photocopy Machine		1	l		Δ	Δ	0	0
20	Facsimila		1	1	1	Δ	Δ	0	0
21	Overhead Projector	1	1	1	1	0	Δ	0	0
22	Slide Projector	1			1	0	۵	0	0
23	Computer and Printer	1		·	1	Δ	Δ	0	0

Project Site Provincial General Hospital Kien Glang

Project Site :

Dermatology Centre

Kien Giang

			Pr000	sed No.			Crit	eria	
No.	Equipment	Ori.	Add.	Oel.	lotal	1	2	3	- 4
1	ELISA System	1	ĺ	į	1	0	Δ	0	0
2	Autoclave	I		1	1	0	0	0	0
3	Stoven Wachine	1	1	1		0	0	0	0
4	Refrigerated Centrifuge		1	1					
5	Centrifuge	1	1	1	1	0	0	0	0
5	PCR System		1	1					
	Viral Load System		1	1					
8	Biosafty Cabinet	1		1	1	0	Δ	Δ	0
9	Pipetman	ŧ		I	1	0	0	0	0
10	Agitator (TPHA_ RPR)	2	1	-1	1	0	0	0	0
11	Deed Freezer			1					
12	Yehicle						-		ļ
13	Condom								<u>.</u>
14	Nobile Information Unit				1				ļ
15	Video Camera		1				ļ	1	
16	Video Editor				<u> </u>				<u> </u>
17	Video & Monitor Set		1	1	1	0	0	0	0
18	Printer			ļ			1	<u>i</u>	<u> </u>
19	Photocopy Machine		1	1	I	Δ	Δ	0	0
20	Facsinile		1		1	4	Δ	0	0
21	Overhead Projector	1		1	1	0	0	0	0
22	Slide Projector	1			1	0	0	0	0
23	Computer and Printer	1		1	1	Δ	Δ	0	0

Criteria

1: Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of O/M. 4: Physical Condition of the Installation site

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Project	s	ite	:	1

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Provincial AIOS Division Can Tho

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No.	Equipment		Propo	sed Xo.			Çrit	eria	
	CQUIDMENT	Qri.	Add.	Det.	lotal	1	2	3	4
1	ELISA System			1					
2	Autoclave								
3	Stoven Machine								
4	Refrigerated Centrifuge			l					
5	Centrifuge								
6	PCR System								
1	Viral Load System			1					
8	Biosafty Cabinet			1					
9	Pipetman								
10	Agitator (IPHA, RPR)								
11	Deep Freezer			1					
12	Vehicle			1					
13	Condom	F. 000, 000		1	1, 000, 000	0	0	0	0
14	<b>Wobile Information Unit</b>	1		1		0	0	0	0
15	Video Camera	1		1	1	Δ	0	0	0
16	Video Editor	1		-	1	Δ	0	0	0
17	Video & Wonitor Set	1		i	1	0	0	0	0
18	Printer	1		ł	1	Δ	0	0	0
19	Photocopy Machine	1		1	1	Δ	0	0	0
20	Facsinite			1	1	Δ	0	0	0
21	Overhead Projector	1		1	1	0	0	0	0
22	Slide Projector	1			1	0	0	0	0
23	Computer and Printer	1		1	1	Δ	0	0	0

Project Site : Preventive Medicine Centre

Can The

No.	Equipment		Pr 000	sed No.		riteri	a		
no.	Equipment	Ori.	Add.	Oel.	Total	1	2	3	4
1	ELISA System		1	1		0	0	0	0
2	Autoclave	1		1	1	0	Δ	0	0
3	Stoven Machine	1	l		1	0	0	0	0
4	Refrigerated Centrifuge								
S	Centrifuge	E T	l	1	1	0	0	0	0
6	PCR System		}						
1	Viral Load System		l	1					
8	Biosafty Cabinet			1	1	0	Δ	Δ	0
9	Pipetman		1	1	1	0	0	0	0
10	Agitator (TPHA, RPR)		1	1				_	
11	Deep Freezer			ļ					
12	Vehicle	1	1		1	0	0	0	
13	Condoa			1					
- 14	Mobile Information Unit		1	İ					
15	Video Camera	1		_	1	Δ	۵	0	Δ
16	Video Editor	1	1	-1	0				
11	Video & Monitor Set	1	İ			0	Δ	0	Δ
18	Printer	l I	1	i -1	0				
19	Photocopy Machine	1		ļ		Δ	Δ	0	Δ
20	Facsimile	1			1	Δ	Δ	-0	Δ
21	Overhead Projector	1		1	1	. 0	۵	0	Δ
22	Stide Projector		1	1	1	0	۵	0	۵
23	Computer and Printer	1	1			Δ	0	0	0

Criteria

1: Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of O/M, 4: Physical Condition of the Installation site

7. Hat

Project Site :	Provinc	ial Ger	neral H	osoital			Can II	0
No. Equipment		Propo	sed No.			Crit	eria	~~
CQUIDEERC	Or i.	Add,	Cel.	lotal	ł	2	3	4
I ELISA System				1	0	0	0	0
2 Autoclave	1	l		1	0	0	0	0
3 Stoven Machine	1	1		1	0	0	0	0
4 Refrigerated Centrifuge	; F	1		1	0	0	0	0
S Centrifuge	1	1		1	0	0	0	0
6 PCR System		1						
7 Viral Load System						1		
8 Biosafty Cabinet		1			0	Δ	0	0
9 Pipetman	1	1	1		0	0	0	0
10 Agitator (TPHA, RPR)		1	1	1	0	0	0	0
11 Deep Freezer		1	ļ					
12 Yehicle	1	1	1					
13 Condon		1	1					
14 Nobile Information Unit	t	1		1			.4	
IS Video Camera		1	1	1				
16 Video Editor		1						
17 Video & Monitor Set		I	ļ					
18 Printer		1		[				
19 Photocopy Wachine		1	1	1				
20 Facsimile		1	1					
21 Overhead Projector	1	1	I	1	0	Δ	0	0
22 Slide Projector	1		1	1	0	Δ	0	0
23 Computer and Printer	1	1	1	1	۵	Δ	0	0

Project Site :

Dermatology Centre

Can Tho

		Proposed No. Crit							
No.	Equipment		Propos	sed No.			Crit	eria	
		Ori.	, Add	Del.	Total	1	2	3	4
1	ELISA System	I			1	0	. 🛆	Δ	0
2	Autociave	1	Ī	1	1	0	0	0	0
3	Stoven Wachine	1	1	-1	0				
4	Refrigerated Centrifuge								
5	Centrifuge	1	1	-1	0				
5	PCR System		1	1					
	Viral Load System		1	1					
8	Biosafty Cabinet	1	1	1	1	0	۵	Δ	0
9	Pioetman	1		1	1	0	0	0	0
10	Agitator (IPHA, RPR)	2	1	-1	1	0	0	0	0
11	Deed Freezer			1	1				
12	Yehicle								
13	Condon	1		1	1				
14	Nobile Information Unit	1		}	1				
15	Video Camora			-	1				
16	Yideo Editor								
17	Video & Monitar Set	1	1	I			l.	I	
18	Printer	[			1				
19	Photocopy Machine	[		[					
20	Facsimile			1	1				
21	Overhead Projector	1	Ī	-1	0		1		l
22	Slide Projector	1	Î	-1	0	<b> </b>	1		
	Computer and Printer	1	Î	-1	0				
	Medical Refrigerator	1	1	1	1	0	0	0	0

**Criteria** 

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1: Sasic equipment for HIV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of 0/M. 4: Physical Condition of the Installation site

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### Tien Giang Province (1/2)

Project Site :

Provincial AIOS Division

Tien Gianz

No.	fourier and		Pr 000	sed No.			Grit	eria	
110.	Equipment	Ori.	kdd.	Qel.	Total	I	2	1	4
1	ELISA System								
2	Autoclave								
3	Stoven Wachine								
4	Refrigerated Centrifuge								
5	Centrifuge								
6	PCR System			4					
?	Viral Load System								
3	Biosafty Cabinat								
9	Pioetman	1							
10	Agitator (TPHA, RPR)								
11	Deep Freezer								
12	Vehicle								
13	Condon	800,000		300000	500,000	0	0	0	0
14	Hobile Information Unit	1	l .			0	0	0	0
15	Video Camera	1			I	Δ	0	0	0
16	Video Editor	1			I	Δ	0	0	0
17	Video'& Monitor Set	1	ļ		1	0	0	0	0
18	Printer	· 1			1	Δ	0	0	0
19	Photocopy Machine	1			1	Δ	0	0	0
20	Facsimile	I			1	Δ	0	0	0
21	Overhead Projector	I.			1	0	0	0	0
22	Slide Projector	1			1	0	0	0	0
23	Computer and Printer	1			1	۵.	Δ	0	0
	Camera		1	1	1	Δ	0	0	0

Project Site :

1. 1.

Pre

Preventive Medicine Centre

fien Giang

	(		91000	sed No.			Grit	eria	
No.	Equipment	Ori.	Add.	Del.	fotal	1	2	3	4
1	ELISA System	1		Ī	-	0	0	0	0
2	Autoclave	i	1		1	0	0	0	0
3	Stoven Machine	1	I		Ι	0	0	0	0
4	Refrigerated Centrifuge		1	1					
5	Centrifüge	1	1		1	0	0	0	0
6	PCR System	· ·							
7	Viral Load System								
8	Biossfty Cabinet	1	1	1	1	0	4	0	0
9	Pipetman	1	1	1	1	0	0	0	0_
10	Agitator (TPHA, RPR)		1						
11	Deep Freezer		1						
12	Vehicle	1			1	0	0	0	0
13	Condon								
14	Nobile Information Unit								
15	Video Camera	1			1	4	x	0	0
16	Yideo Editor	1		-1	0		;		
17	Video & Monitor Set	1	1		1	0	0	0	0
18	Printer	1	1	-1	0			<u> </u>	İ
19	Photococy Machine	1	1	1	1	Δ	0	0	0
20	Facsinile	1	1	1	1	Δ	0	0	0
21	Overhead Projector	1			1	0	0	0	0
22	Slide Projector	1	1		1	0	0	0	0
23	Computer and Printer	1		1	1	4	0	0	0
	Distilled water machine	1	1	1		0	0	0	0

Criteria

1: Basic equipment for HIV prevention activity. 2: Mecessity of equipment at the project site, 3: Availability of 0/M. 4: Physical Condition of the Installation site

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Province (2/2)

No.	Equipment		Propos	sed No.			Crit	ería	
		Ori,	Add.	Det.	lotai	1	2	3	4
	ELISA System	1	1	 		0	0	0	0
2	Autoclave	1		•	1	0	0	0	0
3	Stoven Machine	1			1	0	0	Ó	0
4	Refrigerated Centrifuge	I				0	0	0	0
5	Centrifuge	1	i	1	1	0	0	0	Ō
6	PCR System								
1	Viral Load System				i				
8	Biosafty Cabinet	1		İ	1	0	Δ	0	0
9	Pipetman	I	[		1	0	0	0	0
10	Agitator (TPHA, RPR)		1		1	0	0	0	0
11	Deep Freezer				1				
12	Yehicle								
13	Condon								
14	<b>Wobile Information Unit</b>								
15	Video'Camera -								
16	Video Editor			-					
17	Video & Monitor, Set 👘 🦮		1			0	0	0	0
18	Printer	1							
19	Photocopy Wachine							i	
20	Facsinile								
21	Overhead Projector	1			1	0	Δ	0	0
22	Slide Projector	1			1	0	Δ	0	Ò
23	Computer and Printer	1			1	Δ	Δ	0	Ō

# Project Site : Provincial General Hospital Fien Giang

Project Site :

#### Dermatology Centre

fien Giang

No.	Equipment		Propos	sed No.			Crit	eria	
	equipment	Ori,	Add.	Del.	Total	1	2	3	4
	ELISA System	1		1	1	0	0	0	0
2	Autoclave	1			1	0	. X-	0	0
3	Stoven Wachine	1	1		1	0	0	0	0
	Refrigerated Centrifuge								
5	Centrifuge	1	l .	ł	1	0	4	0	0
6	PCR System			1					
1	Viral Load System			1			İ		
8	Biosafty Cabinet	1		]	1	0	Δ	Δ	0
9	Pipetman	1	1	ļ	1	0	0	0	0
_	Agitator (IPHA, RPR)	2		-1	1	0	Δ	0	0
11	Deed Freezer			1					
12	Yehicle			;			i		
<sup>1</sup>	Condom								
	Nobile Information Unit			-					
15	Video Camera		ł	1	1				
16	Video Editor		i	1					
17	Video & Monitor Set			1			1		
18	Printer			!					
19	Photocopy Machine								
20	Facsinile								
21	Overhead Projector	1		]	1	0	Δ	0	0
22	Stide Projector	1			1	0	Δ	0	0
23	Concuter and Printer				1	Δ	Δ	0	0

Criteria

1: Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site. 3: Availability of 0/M. 4: Physical Condition of the Installation site

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Binh\_ Duong Province (1/2)

Project Site :

Provincial AIDS Division

Binh Duong

No.	Equipment		Propos	sed No.	[		Crit	eria	
	CONTRACTO	Ori.	Add.	Oal.	Total	1	2	3	4
	ELISA System			1		·	1		
2	Autoclave								
3	Stoven Machina							1	
4	Refrigerated Centrifuge								
5	Centrifuge						i		· · · · · · · · · · · · · · · · · · ·
Ģ	PCR System			1				1	
7	Viral Load System			· • · · · · · · · · · · · · · · · · · ·					
8	Biosafty Cabinet			1					<u>.</u> ,
9	Pipetman			1					· • • • • • •
10	Agitator (TPHA, RPR)								
11	Deep Freezer			1					
12	Vehicle			1					
13	Candon	000,000		50,000	250,000	0	0	0	0
14	Nobile Information Unit	1	· · · ·	<b>*</b> ••••	ŀ	0	Õ	Õ	Ō
15	Video Camera	1	<u> </u>		1	Δ	0	0	0
16	Video Editor	1	Ì	÷		Δ	0	0	0
17	Video & Monitor Set	1	•	1	1	0	0	Ō	Ō
18	Printer	1	<u>.</u>	1	1	Δ	0	ò	Ō
19	Photocopy Machine	1		1		Δ	0	0	ō
20	Facsimile	1	<b> </b>	1	1	Δ	۵	0	Õ
21	Overhead Projector	1	1	•	1	0	0	Ō	Õ
22	Slide Projector	1	<u> </u>		1	Õ	0	ŏ	ŏ
<u> </u>	Computer and Printer	1-1-	<u> </u>	<u> </u>	1	Δ	Δ	ŏ	ŏ

Project Site :

#### Proventive Medicino Centre

8inh Duong

No.	Equipment		Propos	sed No.			Crit	eria	
		0 <i>t</i> i.	Add,	Del.	Total	1	2	3	4
1	ELISA System	1	Į		1	0	0	0	0
2	Autoclave	1			1	0	0	0	0
3	Stoven Nachina	1			1	0	0	0	0
- 4	Refrigerated Centrifuge								
5	Centrifuge	1	1	1	1	0	0	0	0
6	PCR System		1	1					
7	Viral Load System		1						
8	Biosafty Cabinet	1	1	Ī	1	0	Δ	0	0
្លំឲ	Pipetman	1	1	1	1	0	0	0	0
10	Agitator (IPHA, RPR)			1					
- 1 \$	Deep Freezer			Ţ					
12	Volicio	1	1		1	0	0	0	0
13	Condon		1	1					
14	Mobile Information Unit			1					
15	Video Camera	1		1	1	Δ	r	0	0
16	Video Editor	1	1	-1	0				 
17	Video & Monitor Set	1	1	1	1	0	Δ	0	0
18	Printer	1	1	-1	0				
19	Photocopy Machine	)	1	1	1	Δ	0	0	0
20	Facsimile	1	1	-1	0	t			
21	Overhead Projector	1	1	1	1	0	0	:0	0
	Stide Projector	1	1	1	1	0	0	0	0
23	Computer and Printer	1	1	1	1	Δ	0	0	0

Criteria

1: Basic equipment for HIV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of O/N, 4: Physical Condition of the Installation site 7.

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Project Site :

## Provincial General Hospital

8inh Duong

No.	Equipment		Propos	sed No.			Crit	eria	
	cquipiscoc	Qri.	٨dd.	Del.	Total	1	2	3	4
1	ELISA System	1	1	1	1	0	0	0	0
2	Autoclave .	ŀ			1	0	O.	0	0
3	Stoven Machine	ł	1	•	1	0	0	. 0	0
4	Refrigerated Contrifuge	1			1	0	0	0	0
5	Centrifuge	l		1	1	0	0	0	0
5	PCR System		l						
1	Viral Load System		ĺ					1	
8	Biosafty Cabinet	- 1		1	1	0	Δ	0	0
9	Pipetman	1	1	1	1	0	0	0	0
10	Agitator (IPHA, RPR)		1		1	0	0	0	0
11	Deed Freezer		1	-			•		
12	Vehicle		ł						
13	Condon			1					
14	Mobile Information Unit								
15	Video Camera								
16	Video Editor		1	1					
17	Video & Monitor Set		1	]	1	0	0	0	0
18	Printer	1		1					
19	Photocopy Machine		1						
20	Facsimile		1						
21	Overhead Projector	1	1	1	1	0	Δ	0	0
22	Slide Projector	1		ļ	1	0	۵	0	0
23	Computer and Printer	1	1	-	1	Δ	۵	0	0

Project Site :

Social Disease Centre

8inh Quong

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No.	Equipment		Propos	sed No.			Crit	eria	
au,	ເຜີດເປັນສະບາດ	Ori.	Add.	Del.	lotal	1	2	3	4
1	ELISA System		ļ	;	1	0	Δ	0	Δ
2	Autoclave		1		1	0	0	0	4
3	Stoven Wachine	1			1	0	0	0	Δ
4	Refrigerated Centrifuge		1	1					
S	Centrifuge	- 1	1	;	1	0	Δ	0	0
6	PCR System		· ·						
7	Viral Load System			•	•				
8	Biosafty Cabinet	1		i	1	0	Δ	0	Δ
9	Pigetman	i	1	1	1	0	0	0	0
10	Agitator (IPHA_ RPR)	2		-1		0	0	0	0
11	Deep Freezer			1					-
12	Vehicle								
13	Condom	}							
14	Mobile Information Unit								
15	Video Camera		I						
15	Video Editor		I	-					
17	Video & Monitor Set		<u>)</u> )	1	1	0	Δ	0	0
81	Printer		1						
19	Photocopy Machine		1	1					
20	Facsiaile		1		1				
21	Overhead Projector	1	1	1	1	0	x	Δ	0
22	Slide Projector	i		1	1	0	x	Δ	0
23	Computer and Printer	1	i	1	1	Δ	Δ	. 0	, 0

Criteria

1: Basic equipment for Hi¥ prevention activity, 2: Necessity of equipment at the project site. J: Availability of O/M, 4: Physical Condition of the Installation site

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#### Manol (1/2)

	Project Site :	NOH ATO	S Divis	ion		•			Hanoi
No.	Equipment		Propos	ad No.			Crit	eria	
60.	Quipecni	Ori.	Add.	Del.	fotal	1	2	1 3	4
ł	ELISA System							<u> </u>	l
2	Autoclave							į	
3	Stoven Machine							l	
4	Refrigerated Centrifuge							İ	
5	Centrifuge		1						
6	PCR System								
1	Viral Load System								
8	Biosafty Cabinet		1					1	1
9	Pipetman						ļ ·		
10	Agitator (TPHA, RPR)			1					
11	Deep Freezer			Ī			ļ		1
12	Yehicle	I	1	1	1	Δ	Δ	0	0
13	Condom			1			1		1
14	Wobile Information Unit	1		1	1	0	Δ	0	0
15	Yideo Camera	1				Δ	0.	0	0
16	Video Editor					Δ	0	0	0
17	Video & Monitor Set	1	1	ļ		0		0	0
18	Printer	1				Δ	0	0	0
19	Photocopy Wachine	1			1	Δ	0	0	0
20	Facsimile	1		]	1	Δ	0	0	0
23	Overhead Projector	1			1	0	0	0	0
	Slide Projector	1	•	-1	0				
	Computer and Printer	1			1	Δ	0	0	0
	Multimedia Projector w/Laotoo PC		1	<u></u>	1	Δ	0	0	0

Project Site :

Blood Transfusion Centre

Hanoi

	- · ·		Propos	sed No.			Crit	eria	
No.	Equipment	Ori.	Add.	i Dol.	Iotai	1	2	3	4
1	ELISA System								
2	Autoclave			1					
3	Stoven Wachine								
4	Refrigerated Centrifuge	1		1	t	0	0	0	0
5	Centrifuge		1	-					
5	PCR System	1			1	Δ	0	0	0
1	Viral Load System .								
8	Biosafty Cabinet								
9	Pioetman								
10	Agitator (TPHA, RPR)								
n	Deep Freezer								
· 12	Vohicle			<u> </u>					
13	Condom		<u> </u>	l					i 
14	Nobile Information Unit		1						
15	Video Camera			ļ	[				
16	Video Editor								
17	Video & Monitor Set								
18	Printer								
19	Photocopy Vachine			1					
20	Facsimile								
21	Overhead Projector		ļ						
22	Slide Projector		į						
23	Computer and Printer			1					

Criteria

Basic equipment for HEV prevention activity, 2: Necessity of equipment at the project site, 3: Availability of 0/M.
4: Physical Condition of the Installation site

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Hanoi (2/2)

	Project Site :				f Hygina		**** *** **		
No.	Equipment	[	Pr 000	sed No.			Crit	aria	
		Ori	Add.	0.1	Total	1	2	3	4
1	ELISA System		1	İ					
-	Autoclave								
3	Stoven Machine			[					i .
4	Refrigerated Centrifuge		1	1		_	ŀ		Ī
5	Contrifuge		l	ł	1		[		
8	PCR System	1	Ī	l	1	Δ	0	0	0
7	Viral Load System	1	1	1	1				
8	Biosafty Cabinet		1	1			1		
9	Pipetman			Ì	1		1		
10	Agitator (IPHA, RPR)		1	i	1				
11	Deep Freezer		1	<u> </u>					[
12	Vehicle		l	1			I		
13	Condom		1				1		
14	Nobile Information Unit			1					[
15	Video Camera			ļ		*****	1	<u> </u>	
16	Video Editor		1						
17	Video & Monitor Set		1	1			1		1
18	Printer		1				1		
	Photocopy Machine		1						
20	Facsimile		1	1					
21	Overhead Projector		1						}
	Slide Projector		1						
	Computer and Printer								
		L		·	لسحب		<u> </u>		

Criteria

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1: Basic equipment for HIV prevention activity, 2: Mecessity of equipment at the project site, 3: Availability of O/M, 4: Physical Condition of the Installation site

7. zz

# MINUTES OF DISCUSSIONS ON BASIC DESIGN STUDY ON THE PROJECT FOR PREVENTION AND CONTROL OF HIV/AIDS TRANSMISSION IN THE SOCIALIST REPUBLIC OF VIETNAM (EXPLANATION ON DRAFT REPORT)

In April 1999, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for Prevention and Control of HIV/AIDS Transmission (hereinafter referred to as "the Project") to The Socialist Republic of Vietnam (hereinafter referred to as "Vietnam"), and through discussion, field survey, and technical examination of the results in Japan, JICA prepared a draft report of the study.

In order to explain and to consult Vietnam on the components of the draft report, JICA sent to Vietnam the Draft Report Explanation Team (hereinafter referred to as "the Team"), which was headed by Mr. Toshiyuki Iwama, Deputy Director, First Project Study Division, Grant Aid Project Study Department, JICA, from 17 to 30 June, 1999.

As a result of discussions, both parties confirmed the main items described on the attached sheets.

Dr. Trinh Quan Huan, MD, PhD Director Department of Preventive Medicine Permanent Vice-Chairman AIDS Division, Ministry of Health (Vietnam)

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(Witness) Prof. Chung A, PhD Vice-Chairman, National AIDS Committee Director, National AIDS Bureau (Vietnam) Hanoi, June 29, 1999

Mr. Toshiyuki Iwama Leader Draft Report Explanation Team Japan International Cooperation Agency (Japan)

#### ATTACHMENT

#### 1. Components of the Draft Report

The Government of Vietnam agreed and accepted in principle the components of the draft report along with its amendments as explained by the Team. The finally agreed list and major specification of equipment is attached.

#### 2. Japan's Grant Aid scheme

Vietnam side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Vietnam as explained by the Preliminary Study Team and described in Annex 2 and Annex 3 of the Minutes of Discussions signed by both parties on November 24, 1998.

Japanese side explains that the final components of the Project will be decided by the Japanese Government based on the findings of the Basic Design Study.

3. Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of Vietnam by the end of August, 1999.

4. Other relevant issues

Both sides agree that following activities need to be included to the Project as soft components in order to achieve a maximum impact.

(1) Training for the use of the PCR system.

This component includes calibration of the PCR system to the local conditions and to train the staff to the appropriate level through re-testing of known samples. The Vietnamese side is requested to allow carrying a small amount of necessary serum and reagents. (2) Monitoring of condom distribution.

This component consists of monitoring activities during the condom distribution from the Provincial level to the final consumers. The outcome of this activity will be the monitoring report. The expected period of monitoring will be approximately one year.

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Multi-media projector	PC 34	Slide projector	OHP	IFAX		Photocopy machine	Printing machine	VTR/TV Set	Mobile Information Unit	Condom	Ketngarated contribuge		L	_		Deep freezer	Approx (TPHA)	Agitator (RPR)	Digital micro pipette	Bio safety cabinet	INCR	Centriluge	Refrigerated centrifuge	Hot air stenlizer	Autoclave	ELISA System	
			· -		••+					2.000.000															<b> </b> -		Tropical Disease Center     5       DVD11     41DS Division
														•   													General Hospital
		-							-   -	-	000 000 1 000 000															-	AllDS Division     \$
		+-	-+-						-	-	400,000		•					· · · ·	·   	-   -   -   - -   -				-			Chao Dec Hospital     AIDS Division     PMC     General Hospital     DVDC
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					-		-   •				•										           	-					AIDS Division
	   	22	23	24				=	36	10	7,350.000	11					 	18	71		8	~	ا ا ا				"Total 2.1

# List of Equipment

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Specifications
and
Usage, :
Equipment,

$\left  \right $	Equinment	Usage	Specification (Minimum requirement)
	reduitines.		Onen existen Composition : incubator/ washer/ reader
<u>بنو</u>	ELISA System	Examination of HIV Intection	Open specific to the former of the former of the
+	Autoclave	Sterilization of equipment and devices	Operating temp. 105~123 C. Verucai type, Capacity of 100-
·   •	Hot air eterilizer	Drying and Sterilization of equipment and devices	Operating temp 40~250°C. Natural curculation, Capacity /0 littlet
<u>` </u>	Refrirerated centrifuge	Centrifugal separation of test blood	Desktop type, Capacity 1.5/2.0 ml x 16, Revolution Max. 13,000 tpm. Temp. control range -9~40°C
	and fine	Centrifugal separation of test blood	Desktop type, Capacity 15 ml × 40, Revolution Max. 6,000 rpm
1-	PCR System	Precise examination of HIV infection	Composition : Bio safety cabinet, Thermal cycler, HS Refrigerated micro-centrifuge
	Bio safety cabinet	Prevention for examiners from testing disease infection	Safety level II, Width of operation area 1,200 mm. Material SUS304
+	Digital micro pipette	Deposition of a certain amount of samples	Digital type, Composition : 10 to 100 $\mu$ l x 1 pc., 100 to 1,000 $\mu$ l x 1 pc., 8 ch. 5 to 50 $\mu$ l x 1 pc.
+	Auitator (RPR)	Glass plate mixing in RPR testing	Capacity RPR x2, Honizontal rotation type, Revolution 20~1.20 rpm
T-10 7	Aoitator (TPHA)	Micro plate mixing in TPHA testing	Applicable plate 96 well micro plate, Capacity 2 plate, Vioration type
- <u>t</u>	Deep freezer	Conservation of testing materials	Upright type, Capacity 200 litter, Temperature -85 C
L-12	Rinnd collectine vehicle	Testing blood sample collection in local areas	4 WD Station Wagon type. Displacement 3,000 cc. Equipment Cooling oox
+	Medical refrigerator	Conservation of medical materials for HIV testing	Capacity 340 litter, Temp, 2~14°C
+	Distilled water manufacture	Produce distilled water for ELISA system	Distilled water production, 1.8 /h, Fre filter/lon exchange result dissolution
4	Refrigerated centrifuge	Blood component separation	Floor type, Max . 6,000 rpm. 7 cm - 20 ~ 40 U. Capacity 1,000 mi x o
4	Condom	Teaching materials to promote usage of condom	Latex, Size M, ISO 4074/1990
12	Mobile Information Unit	IEC activities of remote area	4 WD Station Wagon type, Equipment: VIK, Video projector etc.
F	VTR/TV Set	Showing video soft for HIV protection	29 inch multi system I V. Multi system V HS video recorder. Caviner
	Printing machine	Printing matters for HIV Protection	Digital scan type, Speed 120 sheevinin, Resolution 400 upi
1-	Phetocopy machine	Photocopy of materials for IEC activities & training.	Desktop type, Speed 16 PPM, Document size max.A.
1	FAX	Data transmissions of sentinel surveillance	Desktop type, Paper size A4, Compatibility 11 U (CCI11)
μ_	OHP	Projection of materials in IEC for HIV prevention	Portable type, Lamp Halogen
1-	Slide projector	Projection of materials in IEC for HIV prevention	Portable type, Lamp Halogen, Accessory Portable type screen
́┤ <u></u> "	PC set	Data management of sentinel surveillance	Desktop type, CPU 400MHz, RAM 64MB, HDD 3.2GB, 17" monitor, Laser printer
		Proinction of materials in IFC for HIV prevention	Composition : LCD Video projector, Visual presenter, Notebook type PC

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