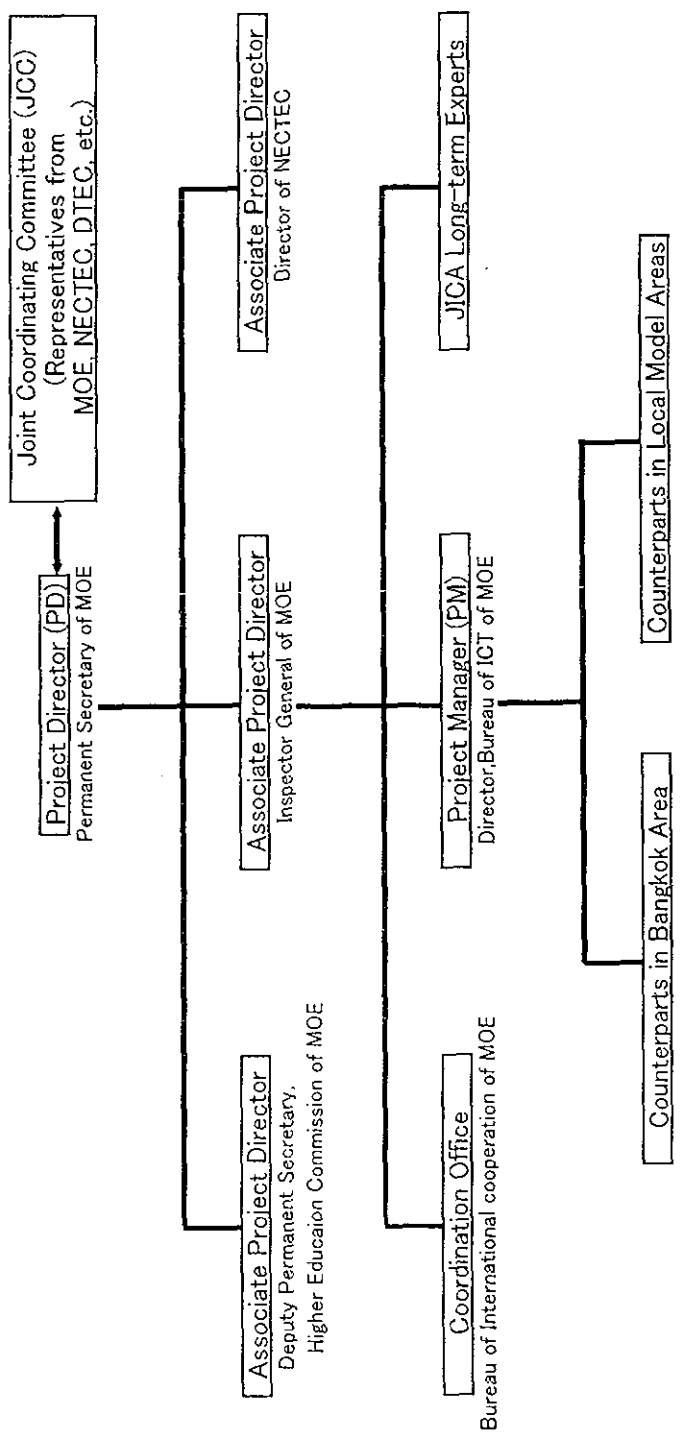


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Annex 2
The Organization Chart of Project Implementation



Annex 3
List of Thai Counterparts

Name	Position	Role and Responsibility	Work Condition
Counterparts for Administration			
1 Dr. Athipat Cleeusorn	Bureau of Inspection and Evaluation office of Permanent Secretary, MOE	Councilor	Part time
2 Mr. Keartisak Sensai	Director, Bureau of ICT, Office of Permanent Secretary, MOE	Project Manager	Part time
3 Mr. Charoon Maladuang	Director, Planning Division Non-formal Education Dept.	NFEC Coordinator	Part time
4 Mr. Chuchat Liemvanich	Director of Chaing Mai (NFEC)	Chaing Mai Coordinator	Part time
5 Mr. Chamlong Riangmai	Director of Nakorn Ratchasima (NFEC)	Nakorn Ratchasima Coordinator	Part time
6 Mr. Vimol Vatana	Director of Songkla (NFEC)	Songkla Coordinator	Part time
7 Mr. Chamnan Jamchamras	Director of Chonburi (NFEC)	Chonburi Coordinator	Part time
8 Mr. Somporn Siengplor	Director of Ratchaburi (NFEC)	Ratchaburi Coordinator	Part time
9 Mr. Wanchai Lewpiboon	Director of Office of Information Technology Administration for Educational Development	Uninet, MOE Coordinator	Part time
10 Dr. Virat Sormlertlumvanich	Information Research and Development Division (NECTEC)	NECTEC Coordinator	Part time
11 Mr. Sathien Usaha	Educator, Bureau of ICT, Office of Permanent Secretary, MOE	MOE Coordinator	Part time
12 Ms. Orachart Suebsith	Bureau of International Affairs, MOE	Coordinator and Translator	Part time
13 Ms. Panpimol Yinnang	Bureau of International Affairs, MOE	Coordinator and Translator	Part time
Technical Counterparts for Development (Bangkok)			
1 Mr. Bumrung Chab-lam (Leader)	Staff, Bureau of ICT, MOE	Computer Specialist	Full time
2 Mr. Apichet Munketwit	Staff, Bureau of ICT, MOE	Computer Specialist	Part time
3 Ms. Sunanta Sridakul	Staff, Bureau of ICT, MOE	Administrator	Full time
4 Ms. Rungrut Napakanaporn	Staff, NFED, MOE	Administrator	Part time
5 Mr. Pruch Sa-nga-ngam	Staff, Uninet, MOE	Computer Specialist	Part time
6 Ms. Piyanuch Prangmanee	Staff, Uninet, MOE	Computer Specialist	Part time
7 Mr. Ponchai Tummarattanont	Staff, NECTEC	Researcher	Part time
8 Mr. Rachabodin Suwannacunti (Leader)	Staff, NECTEC	Researcher	Part time
9 Ms. Yaowalak Khonklong	Staff, NECTEC	Researcher	Part time

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Technical Counterparts for Development (NFEC)

1	Mr. Nikorn Ketkornoi (Leader)	Instructor	Nakorn Ratchasima	Part time
2	Mr. Sarachet Sarasuc	Instructor	Nakorn Ratchasima	Part time
3	Ms. Kasem Rujirek (Leader)	Instructor	Songkhla	Part time
4	Ms. Nipan Sookkho	Instructor	Songkhla	Part time
5	Mr. Wirat Kongdee (Leader)	Instructor	Chiang Mai	Part time
6	Ms. Niramon Boonchoo	Instructor	Chiang Mai	Part time
7	Mr. Pairoj Kuntong (Leader)	Instructor	Ratchaburi	Part time
8	Mr. Wichoke Chutiwaracharoenchai	Instructor	Ratchaburi	Part time
9	Dr. Preecha Chacuttayapong (Leader)	Instructor	Chonburi	Part time
10	Ms. Kaewta Boonthai	Instructor	Chonburi	Part time
JOCV Counterparts				
1	Mr. Wichai Singmai	Instructor	Nakorn Ratchasima	Part time
2	Ms. Phimsuda Arayasompho	Instructor	Nakorn Ratchasima	Part time
3	Mr. Preedee Nuanpradit	Instructor	Songkhla	Part time
4	Mr. Khomkid Apichaisorrapun	Instructor	Songkhla	Part time
5	Ms. Rachanee Sombin	Instructor	Chiang Mai	Part time
6	Ms. Sudsai Srisukda	Instructor	Chiang Mai	Part time
7	Mr. Thiti Boonyos	Instructor	Ratchaburi	Part time
8	Mr. Somchai Tiechaisang	Instructor	Ratchaburi	Part time
9	Mr. Parat Nuangate	Instructor	Chonburi	Part time
10	Ms. Jaratsri Huajai	Instructor	Chonburi	Part time

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Annex 4

Dispatch of Japanese Experts and Study Teams

Actual Plan Finalizing

	JFY 2001												JFY 2002												JFY 2003											
	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.										
Long	1	Chief Advisor																																		
Term		Mr. Haruo SUZUKI																																		
Experts	2	Technical Coordinator																																		
		Mr. Hiroshi URAMOTO																																		
Short	3	Technical Coordinator																																		
		Ms. Ayumi KAWARA																																		
Term	1	Course System Development for IT Training (Basic)																																		
		Mr. Naomasa SASAKI																																		
Experts	1	Information System Use and Design (Web User I/F)																																		
		Dr. Akira KIKUCHI																																		
	2	Network Use and Design																																		
		Mr. Akira GOTO																																		
	3	Curriculum Development (Model Subject A)																																		
	4	Course System Development for IT Training (Intermediate)																																		
		Mr. Yuichi FUJIMURA																																		
	5	Multimedia Tools and Use																																		
		Dr. Yosuke ITO																																		
	6	WBT Methodology Development (Model Subject A)																																		
		Dr. Satoru SHIMAMUNE																																		
	7	Curriculum Development (Model Subject B)																																		
		Mr. Naomasa SASAKI																																		
	8	WBT Methodology Development (Model Subject B)																																		
		Mr. Naomasa SASAKI																																		
	9	Course System Development for IT Training (Intermediate) Confirmation																																		
		Mr. Yuichi FUJIMURA																																		
	10	Database Management (Basic)																																		
		Mr. Hiroyuki FUJIYAMA																																		
	11	Network and Security Set-up																																		
		Mr. Katsunari HIGASHI																																		
	12	Network Management																																		
		Mr. Takeichi NAKAHARA																																		
	13	Database Use and Design																																		
		Mr. Yoshiaki OHAMA																																		

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Short Term Experts	JFY 2003											
	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1 Development of WBT Materials Dr. Satoru SHIMAMUNE												
2 Course System Development for IT Training (Course C) Dr. Yosuke ITO					0.5M (Apr. 27-May 3)							
3 Curriculum development (Model subject C) Mr. Tomoaki TOKUMURA					0.5M (Jun. 17-Jul. 2)							
4 Course System Development for IT Training (Course A for SME, Local administration) Mr. Naomasa SASAKI												
5 Course system development for IT training (Course B modification) Mr. Yuichi FUJIMURA												
6 Course System Development and implementation for IT Training Dr. Akira KIKUCHI												
7 Utilization of WBT Materials in School Mr. Takahiko NAKAGAWA												
8 Information System Use and Design Mr. Naoto SONE												
9 Course System Development for IT Training (Course A for SME, Local Administration Modification)												
10 Course System Development for IT Training (Course C Modification)												
11 WBT Methodology Development (Model Subject C)												
12 Database Management (Advanced)												
13 Evaluation and Monitoring of Course System Development for Course A,B,C												
Study 1 Project Consultation Team												
Teams 2 Mid-Term Evaluation Team												

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Annex 6
Counterpart Training in Japan

←.....→ Plan
←.....→ Actual

		JFY 2001				JFY 2002				JFY 2003					
		Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1	Dr. Kla Somtrakool (Project Management)	←...→	←...→	←...→											
2	Mr. Annop Viriyavit (Project Management)	←...→	←...→	←...→	Feb. 11 - Feb. 24 (0.5M)										
3	Dr. Virach Somlerlamvanich (Project Management)	←...→	←...→	←...→	←...→	Feb. 11 - Feb. 24 (0.5M)									
1	Mr. Rachabodin Suwannacanti (Digital Video Production Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
2	Ms. Sunanta Sridakul (Multimedia Production Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
3	Mr. Pruch Sa-ngangam (Information System Design Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
4	Mr. Nikorn Ketkomol (Information System Design Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
5	Mr. Kasem Rujirek (Information System Design Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
6	Dr. Preecha Chacuttavapong (Information System Design Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
7	Mr. Wirat Kongdee (Information System Design Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
8	Mr. Pairoj Kuntong (Information System Design Course)							←...→	←...→	←...→	←...→	←...→	←...→	←...→	←...→
1	Mr. Bumrung Chib-lam (Network Engineer Course)														
2	Mr. Sathien Usaha (IT Division Manager Course)														
3	Mr. Nipan Sookkho (Information System Design Course)														
4	Mr. Thiti Boonyos (Information System Design Course)														
5	Ms. Niramon Boonchoo (Information System Design Course)														
6	Ms. Phimsuda Arayasompho (Information System Design Course)														
7	Ms. Kaewta Boonthai (Information System Design Course)														
8	Ms. Rungrut Napakanaporn (Information System Design Course)														

Annex 7

List of Machinery and Equipment Provisioned by the Japanese Side and
the Equipment Carried by the Japanese Experts

List of Hardware (Bangkok Center)

No	Items	Qty.	Model	Place			
				Server	Training	Develop	Office
	Servers						
1	Main server	1	Fujitsu P42GB	✓			
2	Windows system server	1	Dell Precision 340	✓			
3	Mail server / DNS server	1	Dell Precision 340	✓			
4	Web server	1	Dell Precision 340	✓			
5	Gateway	1	Dell Precision 340	✓			
6	Conference server	1	Dell Precision 340	✓			
7	Remote server	1	Dell Precision 340		✓		
8	Streaming server	1	Dell Precision 340			✓	
	Client PCs						
9	Training PCs	20	Dell Precision 340		✓		
10	Development PCs	12	Fujitsu C6651	✓			
11	Note PCs	11	Fujitsu C6651	✓			
12	Scanners	5	Acer5300U	✓			
13	Printers	5	Xerox Phaser2135N		✓		
14	Digital Video camera	5	DCR-VX2000/DCR-TRV30E	✓			
15	Digital still camera	5	Sony DSC-F707	✓	✓	✓	
16	System Board	1	UCHIDA TM-6048		✓		
17	LCD Projector	1	UCHIDA TG-700		✓		
18	Screen	1	Da-Lite Versatol	✓			
19	CD-R Duplicator	1	NISTEC ALD5012		✓		
20	CD-R Printer	1	NISTEC Signature IV		✓		
21	Dial up Router	1	CISCO 1721		✓		
22	ISDN Router	1	CISCO 2621		✓		
23	Gigabit Ether Hub	3	CISCO WS-C3550-12T		✓	✓	
24	Switching Hub	8	CISCO WS-C2950-24		✓	✓	
25	Vehicle	1	Mitsubishi GF-PD6W				

List of Software (3NFECs)

No	Items	Quantity	Place		
			Server	Training	Mobile
	Operation System	() Mobile			
1	Redhat Linux 7.3	28(23)	✓		✓
2	MS Windows 2000 server	4(2)	✓		
3	MS Windows 2000 Pro	24(21)	✓		✓
	Database				
4	Oracle 9i for Linux	0			
5	Algocraft	0			
	Software for virus				
6	Trend Office Scan 100	1(1)		✓	✓
7	Interscan virus wall 30	4(2)	✓		
	Software for CCD				
8	CU-SeeMe V5.0	2(2)	✓		✓
9	Netmeeting	2(2)	✓		✓
10	Software for FEP	28(23)			✓
	Software for Literacy				
11	MS Office Xp Pro	28(23)	✓	✓	✓
	Software for Multimedia				
12	Adobe GoLive 5.0	28	✓	✓	
13	Adobe Livemotion 1.0	28	✓	✓	
14	Adobe Premiere 6.0	28	✓	✓	
15	Adobe After Effect 5.0	28	✓	✓	
16	Adobe Photoshop 6.0	28	✓	✓	
17	Adobe Illustrator 10.0	28	✓	✓	
18	Adobe Pagemaker 7.0	28	✓	✓	
19	Adobe Acrobat 5.0	28	✓	✓	
20	Leonardo 1.2	28	✓	✓	
21	IBM Homepage builder Win.	28(23)	✓	✓	✓
22	IBM Homepage builder Linux	28(23)	✓	✓	✓
23	MS Front Page Win.	28(23)	✓	✓	✓
	Software for Video				
24	Real Producer Plus 8.5	28	✓	✓	
25	Real Player Basic	28	✓	✓	
26	Cleaner 5.0	28	✓	✓	
27	Dreamweaver 4.0	28	✓	✓	
28	Flash 5.0	28	✓	✓	
29	Fireworks 4	28	✓	✓	
30	Freehand 10	28	✓	✓	
31	Authoware 6.0	28	✓	✓	

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List of Hardware (3NFECs)

No	Items	Qty.	Model	Place		
				Server	Training	Mobile
	Servers	() Mobile				
1	Windows system server	2	Dell Precision 340	✓		
2	Mail server / Web server	2(2)	Dell Precision 340	✓		✓
3	Conference (back up) server	1	Dell Precision 340	✓		
4	Remote server	1	Dell Precision 340	✓		
5	Streaming server	1	Dell Precision 340	✓		
	Client PCs					
6	Training PCs	20	Dell Precision 340		✓	
7	Development NotePCs	2(1)	Fujitsu C6651	✓		
8	Mobile Note PCs	0(20)	Fujitsu C6651			✓
9	Scanners	2	Acer5300U		✓	
10	Printers	2(2)	Xerox Phaser2135N	✓		✓
11	Digital Video camera	2(1)	DCR-VX2000/DCR-TRV30E		✓	✓
12	Digital still camera	3(2)	Sony DSC-F707		✓	✓
13	System Board	1(1)	UCHIDA TM-6048		✓	✓
14	LCD Projector	1(1)	UCHIDA TG-700		✓	✓
15	Screen	1(1)	Da-Lite Versatol		✓	✓
16	Dial up Router	1(1)	CISCO 1721	✓		
17	ISDN Router	1	CISCO 2621	✓		
18	Gigabit Ether Hub	3	CISCO WS-C3550-12T	✓	✓	✓
19	Switching Hub	3(2)	CISCO WS-C2950-24	✓	✓	✓
20	Vehicle	1	Mitsubishi GF-PD6W			✓

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List of Software (Bangkok Center

No	Items	Quantity	Place			
			Server	Training	Develop	NotePC
Operation System						
1	Redhat Linux 7.3	51	✓	✓	✓	✓
2	MS Windows 2000 server	6	✓			
3	MS Windows 2000 Pro	51	✓	✓	✓	✓
Database						
4	Oracle 9i for Linux	8	✓			
5	Algocraft	1	✓			
Software for virus						
6	Trend Office Scan 100	1		✓	✓	
7	Interscan virus wall 30	7	✓			
Software for CCD						
8	CU-SeeMe V5.0	2	✓			
9	Netmeeting	2	✓			
10	Software for FEP	50				
Software for Literacy						
11	MS Office Xp Pro	50	✓	✓	✓	✓
Software for Multimedia						
12	Adobe GoLive 5.0	50	✓	✓	✓	✓
13	Adobe Livemotion 1.0	50	✓	✓	✓	✓
14	Adobe Premiere 6.0	50	✓	✓	✓	✓
15	Adobe After Effect 5.0	50	✓	✓	✓	✓
16	Adobe Photoshop 6.0	50	✓	✓	✓	✓
17	Adobe Illustrator 10.0	50	✓	✓	✓	✓
18	Adobe Pagemaker 7.0	50	✓	✓	✓	✓
19	Adobe Acrobat 5.0	50	✓	✓	✓	✓
20	Leonardo 1.2	50	✓	✓	✓	✓
21	IBM Homepage builder Win.	50	✓	✓	✓	✓
22	IBM Homepage builder Linux	50	✓	✓	✓	✓
23	MS Front Page Win.	50	✓	✓	✓	✓
Software for Video						
24	Real Producer Plus 8.5	50	✓	✓	✓	✓
25	Real Player Basic	50	✓	✓	✓	✓
26	Cleaner 5.0	50	✓	✓	✓	✓
27	Dreamweaver 4.0	50	✓	✓	✓	✓
28	Flash 5.0	50	✓	✓	✓	✓
29	Fireworks 4	50	✓	✓	✓	✓
30	Freehand 10	50	✓	✓	✓	✓
31	Authoware 6.0	50	✓	✓	✓	✓

Equipment Carried by Japanese Experts

No	Year	Item Number	Item (Maker・Model)	Quantity	Place	Remarks
1	2002	Ship-1	kani tai jiten (Book)	1	Office	Mr. Suzuki 4/5
2	2002	Ship-2	Sony Vaio PCG-FX-77V	1	Office	Mr. Suzuki 4/5
3	2002	Ship-3	Sony Vaio PCG-FX-77V+Link Cable	1	Office	Mr. Uramoto 4/5
4	2002	Ship-4	Laser Printer LP-7100 with cable	1	Office	Mr. Uramoto 4/5
5	2002	Ship-5	Transformer	1	Office	Mr. Uramoto 4/5
6	2002	Ship-6	Software(Gumantan)	1	Office	Mr. Uramoto 4/5
7	2002	Ship-7	Software (Microsoft Visio)	1	Office	Mr. Uramoto 4/5
8	2002	Ship-8	Essential Virtual Reality(Book)	1	Office	Mr. Uramoto 6/5
9	2002	Ship-9	Designing	1	Office	Mr. Uramoto 6/5
10	2002	Ship-10	Maaging Multimedia	1	Office	Mr. Uramoto 6/5
11	2002	Ship-11	Kousoku 3D graphics	1	Office	Mr. Uramoto 6/5
12	2002	Ship-12	Multimedia software Kougaku	1	Office	Mr. Uramoto 6/5
13	2002	Ship-13	Multimedia software CD-ROM	1	Office	Mr. Uramoto 6/5
14	2002	Ship-14	Object shikou kaihatu no Project	1	Office	Mr. Uramoto 6/5
15	2002	Ship-15	hint Vol. 1	1	Office	Dr. Kikuchi 6/5
16	2002	Ship-16	hint Vol. 1.2	1	Office	Dr. Kikuchi 6/5
17	2002	Ship-17	hint Vol. 1.3	1	Office	Dr. Kikuchi 6/5
18	2002	Ship-18	hint Vol. 1.4	1	Office	Dr. Kikuchi 6/5
19	2002	Ship-19	hint Vol. 1.5	1	Office	Dr. Kikuchi 6/5
20	2002	Ship-20	hint Vol. 1.6	1	Office	Dr. Kikuchi 6/5
21	2002	Ship-21	hint Vol. 1.7	1	Office	Dr. Kikuchi 6/5
22	2002	Ship-22	Jissen jirei idea shu Vol.8	1	Office	Dr. Kikuchi 6/5
23	2002	Ship-23	Jissen jirei idea shu Vol.9	1	Office	Dr. Kikuchi 6/5
24	2002	Ship-24	Jissen jirei idea shu Vol.10	1	Office	Dr. Kikuchi 6/5
25	2002	Ship-25	Minnaikiiki Sougoutekina Gakushu (Book)	1	Office	Dr. Kikuchi 6/5
26	2002	Ship-26	Gakken degital 1nen sei (Book)	1	Office	Dr. Kikuchi 6/5
27	2002	Ship-27	Gakken degital Junior Eikaiwa (Book)	1	Office	Dr. Kikuchi 6/5

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28	2002	Ship-28	Gakken kodomo Sience (CD-Rom)	1	Office	Dr. Kikuchi 6/5
29	2002	Ship-29	Gakken digital Sannsuu Koku drill (CD-Rom)	1	Office	Dr. Kikuchi 6/5
30	2002	Ship-30	System Commander 7 (Software)	1	Office	Dr. Kikuchi 6/5
31	2002	Ship-31	Windows Xp Pro (Software)	1	Office	Dr. Kikuchi 6/5
32	2002	Ship-32	MS-Office Xp	1	Office	Dr. Kikuchi 6/5
33	2002	Ship-33	Flash Card Driver	1	Office	Dr. Kikuchi 6/5
34	2002	Ship-34	Flash Card Driver	1	Office	Dr. Kikuchi 6/5
35	2002	Ship-35	Flash Card Driver	1	Office	Dr. Kikuchi 6/5
36	2002	Ship-36	Flash Card Driver	1	Office	Dr. Kikuchi 6/5
37	2002	Ship-37	Flash Card Driver	1	Office	Dr. Kikuchi 6/5
38	2002	Ship-38	Screw Driver (+)	5	Office	Dr. Kikuchi 6/5
39	2002	Ship-39	Screw Driver (-)	5	Office	Dr. Kikuchi 6/5
40	2002	Ship-40	Modular Hand Tool	1	Office	Dr. Kikuchi 6/5
41	2002	Ship-41	Laser Pointer	1	Office	Dr. Kikuchi 6/5
42	2002	Ship-42	Software (Gumantan designer Library1)	1	Office	Mr. Fujimura7/26
43	2002	Ship-43	Software (Gumantan designer Library2)	1	Office	Mr. Fujimura7/26
44	2002	Ship-44	Software (Photo Mantan1)	1	Office	Mr. Fujimura7/26
45	2002	Ship-45	Software (Photo Mantan3)	1	Office	Mr. Fujimura7/26
46	2002	Ship-46	Software (Photo Mantan5)	1	Office	Mr. Fujimura7/26
47	2002	Ship-47	Software (Photo Mantan6)	1	Office	Mr. Fujimura7/26
48	2002	Ship-48	Software (Photo Mantan8)	1	Office	Mr. Fujimura7/26
49	2002	Ship-49	Software (Photo Mantan9)	1	Office	Mr. Fujimura7/26
50	2002	Ship-50	Software (Photo Mantan10)	1	Office	Mr. Fujimura7/26
51	2002	Ship-51	Software (Photo Mantan11)	1	Office	Mr. Fujimura7/26
52	2002	Ship-52	Software (Photo Mantan12)	1	Office	Mr. Fujimura7/26
53	2002	Ship-53	Software (Photo Mantan13)	1	Office	Mr. Fujimura7/26
54	2002	Ship-54	Software (Photo Mantan14)	1	Office	Mr. Fujimura7/26
55	2002	Ship-55	Software (Photo Mantan15)	1	Office	Mr. Fujimura7/26
56	2002	Ship-56	Software (Photo Mantan16)	1	Office	Mr. Fujimura7/26
57	2002	Ship-57	Clip Company Millenium500,000	1	Office	Mr. Fujimura7/26

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58	2002	Ship-58	DV Club No1	1	Office	Mr. Fujimura7/26
59	2002	Ship-59	DV Club No2	1	Office	Mr. Fujimura7/26
60	2002	Ship-60	DV Club No3	1	Office	Mr. Fujimura7/26
61	2002	Ship-61	DV Club No4	1	Office	Mr. Fujimura7/26
62	2002	Ship-62	DV Club No5	1	Office	Mr. Fujimura7/26
63	2002	Ship-63	DV Club No7	1	Office	Mr. Fujimura7/26
64	2002	Ship-64	DV Club No8	1	Office	Mr. Fujimura7/26
65	2002	Ship-65	DV Club No9	1	Office	Mr. Fujimura7/26
66	2002	Ship-66	DV Club No10	1	Office	Mr. Fujimura7/26
67	2002	Ship-67	DV Club No11	1	Office	Mr. Fujimura7/26
68	2002	Ship-68	DV Club No12	1	Office	Mr. Fujimura7/26
69	2002	Ship-69	Data Craft	1	Office	Mr. Fujimura7/26
70	2002	Ship-70	Book (Objective-Oriented project Management)	1	Office	Mr. Uramoto7/26
71	2002	Ship-71	Book (Objective-Oriented project Management)	1	Office	Mr. Uramoto7/26
72	2002	Ship-72	Book (Web-Based Training)	1	Office	Mr. Uramoto7/26
73	2002	Ship-73	Book (Wavelet,Subband and Block...)	1	Office	Mr. Uramoto7/26
74	2002	Ship-74	Book (Project management in the fast lane)	1	Office	Mr. Uramoto7/26
75	2002	Ship-75	Book (The Human Interface)	1	Office	Mr. Uramoto7/26
76	2002	Ship-76	Book (Management Dilemmas)	1	Office	Mr. Uramoto7/26
77	2002	Ship-77	Book (Object Solution)	1	Office	Mr. Uramoto7/26
78	2002	Ship-78	Book (Technology based Training)	1	Office	Mr. Uramoto8/22
79	2002	Ship-79	IEEE1394 Interface Card	1	Office	Dr. Ito 8/13
80	2002	Ship-80	IEEE1394 Interface Card	1	Office	Dr. Ito 8/13
81	2002	Ship-81	IEEE1394 Interface Card	1	Office	Dr. Ito 8/13
82	2002	Ship-82	IEEE1394 Interface Card	1	Office	Dr. Ito 8/13
83	2002	Ship-83	Software Design exchange DV Club	1	Office	Dr. Ito 8/13
84	2002	Ship-84	Map set	1	Office	Dr. Ito 8/13
85	2002	Ship-85	Watashi mo tukaeru Pasokon(Video)	1	Office	Dr. Ito 8/13
86	2002	Ship-86	Computer no shikumi to riyou (Video)	1	Office	Dr. Ito 8/13
87	2002	Ship-87	Pasokon no tukaikata	1	Office	Dr. Ito 8/13

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88	2002	Ship-88	Katei computer to watashi no seikatu	1	Office	Dr. Ito 8/13
89	2002	Ship-89	Katei jouhou tushin	1	Office	Dr. Ito 8/13
90	2002	Ship-90	Net de tomodachi server you(Software)	1	Office	Dr. Ito 8/13
91	2002	Ship-91	Net de tomodachi client you(Software)	1	Office	Dr. Ito 8/13
92	2002	Ship-92	Sensei no tameno jissen internet kouza 1(Video)	1	Office	Dr. Ito 8/13
93	2002	Ship-93	Sensei no tameno jissen internet kouza 2(Video)	1	Office	Dr. Ito 8/13
94	2002	Ship-94	Sensei no tameno jissen internet kouza 3(Video)	1	Office	Dr. Ito 8/13
95	2002	Ship-95	Sensei no tameno jissen internet kouza 4(Video)	1	Office	Dr. Ito 8/13
96	2002	Ship-96	Multimedia picture book (CD)	1	Office	Dr. Ito 8/13
97	2002	Ship-97	Jouhouka-suishin-Leader(CD)	1	Office	Dr. Ito 8/13
98	2003	Ship-98	Sanwa USB Cable	1	Office	Mr. Sasaki 2/2
99	2003	Ship-99	Sanwa USB Extention Cable	1	Office	Mr. Sasaki 2/2
100	2003	Ship-100	Multi Driver	1	Office	Mr. Fujimura 2/27
101	2003	Ship-101	Multi Driver	1	Office	Mr. Fujimura 2/27
102	2003	Ship-102	Multi Driver	1	Office	Mr. Fujimura 2/27
103	2003	Ship-103	Multi Driver	1	ChaingMai	Mr. Fujimura 2/27
104	2003	Ship-104	Multi Driver	1	Korat	Mr. Fujimura 2/27
105	2003	Ship-105	Multi Driver	1	Songkla	Mr. Fujimura 2/27
106	2003	Ship-106	Memonry Card Reader	1	Office	Mr. Fujimura 2/27
107	2003	Ship-107	Memonry Card Reader	1	Office	Mr. Fujimura 2/27
108	2003	Ship-108	Memonry Card Reader	1	Office	Mr. Fujimura 2/27
109	2003	Ship-109	Memonry Card Reader	1	ChaingMai	Mr. Fujimura 2/27
110	2003	Ship-110	Memonry Card Reader	1	Korat	Mr. Fujimura 2/27
111	2003	Ship-111	Memonry Card Reader	1	Songkla	Mr. Fujimura 2/27
112	2003	Ship-112	Software Jouhou start. Com2	1	Office	Mr. Fujimura 2/27
113	2003	Ship-113	MS-Office Xp Pro	1	Office	Ms. Kawara 5/27
114	2003	Ship-114	Norton Internetsecurity	1	Office	Ms. Kawara 5/27
115	2003	Ship-115	USB Connection Flash memory	10	Office	Ms. Kawara 5/27
116	2003	Ship-116	Book Dictionary (thai-nichi daijiten)	1	Office	Ms. Kawara 5/28
117	2003	Ship-117	Book Dictionary (Nittai Jiten)	1	Office	Ms. Kawara 5/29

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118	2003	Ship-118	Book (Challenge of Teaching...)	1	Office	Ms.Kawara6/01
119	2003	Ship-119	Book (Web-Based Education)	1	Office	Ms.Kawara6/02
120	2003	Ship-120	Removable Frame set(TK-RF43)Sanwa	20	Training Room	Dr.Ito5/30
121	2003	Ship-121	Removable inner Tray (TK-RT402)Sanwa	20	Training Room	Dr.Ito5/30
122	2003	Ship-122	Hard Disk(IC35L060AVV207 HITACHI GST)	20	Training Room	Dr.Ito5/30
123	2003	Ship-123	Power Supply Cable(TK-PW72L)	20	Training Room	Dr.Ito5/30
124	2003	Ship-124	Cable (RC-ATA133D90 PC Kotobuki)	20	Training Room	Dr.Ito5/30
125	2003	Ship-125	Lan Cable GECL 9004R	1	Training Room	Dr.Ito5/30
126	2003	Ship-126	Lan Connector (ADT-RJ45-100S)	1	Training Room	Dr.Ito5/30
127	2003	Ship-127	Kashime tool	4	Training Room	Dr.Ito5/30
128	2003	Ship-128	Lan Tester (Lan CT510)	1	Training Room	Dr.Ito5/30
129	2003	Ship-129	Software (Drive image 2002)	5	Training Room	Dr.Ito5/30
130	2003	Ship-130	Removable Frame set(TK-RF43)Sanwa	30	Training Room	Dr.Ito5/30
131	2003	Ship-131	Removable inner Tray (TK-RT402)Sanwa	30	Training Room	Dr.Ito5/30
132	2003	Ship-132	Hard Disk(IC35L060AVV207 HITACHI GST)	30	Training Room	Dr.Ito5/30
133	2003	Ship-133	Power Supply Cable(TK-PW72L)	30	10 ChaigMai 10Korat 10 Songkla	Mr. Tokumura7/7
134	2003	Ship-134	Round Cable Ultra ATA133	30	10 ChaigMai 10Korat 10 Songkla	Mr. Tokumura7/7
135	2003	Ship-135	Lan Cable GECL 9004R	3	1 ChaigMai 1Korat 1 Songkla	Mr. Tokumura7/7
136	2003	Ship-136	Lan Connector (ADT-RJ45-100S)	3	1 ChaigMai 1Korat 1 Songkla	Mr. Tokumura7/7
137	2003	Ship-137	Tool for connector HT-210C	6	2 ChaigMai 2Korat 2 Songkla	Mr. Tokumura7/7
138	2003	Ship-138	Lan Tester Lan-CT510	3	1 ChaigMai 1Korat 1 Songkla	Mr. Tokumura7/7
139	2003	Ship-139	Transfermer RW32	6	3Bangkok 1chaigMai 1Korat 1 Songkla	Mr.Fujimura7/7
140	2003	Ship-140	IEEE1394 Interface Card	22	13Bangkok 3ChaigMai 3Korat 3Songkla	Mr.Fujimura7/7
141	2003	Ship-141	Video Capture Board	6	3Bangkok 1chaigMai 1Korat 1 Songkla	Mr.Fujimura7/7
142	2003	Ship-142	Removable Frame set(TK-RF43)Sanwa	3	BKK Center	Dr. Kikuchi 9/8
143	2003	Ship-143	Removable inner Tray (TK-RT402)Sanwa	1	BKK Center	Dr. Kikuchi 9/8
144	2003	Ship-144	Hard Disk(IC35L060AVV207 HITACHI GST)	1	BKK Center	Dr. Kikuchi 9/8
145	2003	Ship-145	Cable (RC-ATA133D90 PC Kotobuki)	1	BKK Center	Dr. Kikuchi 9/8
146	2003	Ship-146	Network InterfacePILA8460C3J Intel	51	BKK21.CH20.SK10	Dr. Kikuchi 9/8
147	2003	Ship-147	Network InterfaceFW-110TX-PK Planex	51	BKK21CM20SK10	Dr. Kikuchi 9/8

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148	2003	Ship-148	Removable Frame set(TK-RF43)Sanwa	33	CM1,SK11,NR21	Mr. Sone 9/8
149	2003	Ship-149	Removable inner Tray (TK-RT402)Sanwa	33	CM1,SK11,NR21	Mr. Sone 9/8
150	2003	Ship-150	Hard Disk(IC35L060AVV207 HITACHI GST)	33	CM1,SK11,NR21	Mr. Sone 9/8
151	2003	Ship-151	Cable (RC-ATA133D90 PC Kotobuki)	33	CM1,SK11,NR21	Mr. Sone 9/8
152	2003	Ship-152	Network InterfacePILA8460C3J Intel	33	CM1,SK11,NR21	Mr. Sone 9/8
153	2003	Ship-153	Network InterfaceFW-110TX-PK Planex	33	CM1,SK11,NR21	Mr. Sone 9/8

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Annex 8

ITEd Network Maintenance and Support by Local Consultant (Terms of Reference)

Project Name: ITeD (The project of Capacity Building on the Development of Information Technology for Education)
Duration: 1 June , 2003 – 31 March, 2004 (10 months)
<p>1. Background:</p> <p>One of the ITeD project activities is to focus on IT literacy of school teachers and local people, and enable those target groups to produce educational materials using IT. To achieve the project objectives, ITeD project has been conducting Course A training for school teachers by February 2005, the number shall reach 3,000 (including Course B and C).</p> <p>In this connection, ITeD project needs to keep the network system stable and conduct efficient training of network. At least 1 person among 4 counterparts would become capable of system administration / management at each site.(Bangkok, ChiangMai, NakonRatchasima, Songkla). ITeD project, as a technical cooperation project, tries to enhance counterpart's teaching skill for implementation of course A,B and C (Accreditation system).</p>
<p>2. Objectives :</p> <p>In order to realize the above, ITeD project needs to be supported by local consultant with regard to the installed equipment and configured ITeD network system. Moreover, ITeD project has to take charge of the statement of network policy, advise and solve the key issues and current problems in terms of stable and effective operation of network system. Scarcely staffed ITeD project necessitates local consultant's collaboration and supports.</p> <p>Local consultant is also required to train project's staff on the existing network design and environment in order to let them clarify and obtain the knowledge and skills of IT field. Beneficiaries are in Bangkok center and 3 Non-formal education centers at each site.</p>
<p>3. Scope of Works:</p> <p>The work by consultant shall include the following:</p> <p>(1) Location:</p> <ul style="list-style-type: none">-Bangkok Center-Non-formal Education Center in Chiang Mai-Non-formal Education Center in Nakorn Rachasima-Non-formal Education Center in Songkhla

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(2) Regular Maintenance Services: (including mobile equipment)

- Maintenance and reconfiguration of servers and clients.
- Maintenance and reconfiguration of peripheral equipment.
- To initialize original (ITEd setting) setting and format.
- To work for Back-up of each configuration of HDD and tracing log file as needed.
- Up-dating the back-up of configuration for partition as needed
- Trouble shooting for each computer including HUB and Cables etc. with trouble shooting manual book.
- Other work related as mentioned above.

(3) Emergency Support:

- To establish one call center to provide the solutions to the problems through the telephone.
- Emergency trouble which can not support through the telephone, The Call center sends engineers to the site and informs to engineers about the situation of the trouble.
- Supporting engineers explain how to solve the trouble on site and report the supporting activities in the monthly report.

(4) Network System Training: (including servers, clients, and routers etc.)

- To train counterparts on the network system from basic knowledge and skill to advanced operation in their respective configuration and environment using training manuals / text book.(for Linux and Windows)
- Training period shall not be less than 14 days at each site.
- Schedule shall be determined by discussion with counterparts at each site.
- Text book of Network training shall be in Thai and English.
- Network Training shall be conducted in Thai.

(5)Suggestion for management of ITEd network system

In the future / after the project finish, ITEd equipment would be managed and maintained under the handle of counterparts.

For that purpose, local consultant needs to monitor and train the counterparts to master the configuration of the network system and then suggest / give them in the right direction of the ITEd network system.

In this context, Local consultant would report and suggest the best

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way for maintenance and management of the ITED network system.

-To suggest and advise how to manage network system by monthly report and final report as needed.

-To suggest and advise how to protect network system from virus by monthly report and final report as needed.

-To suggest and advise for the best performance of the network configuration by monthly report and final report as needed.

5. Schedule (tentative schedule attached : Annex 1)

(1) Network training text book shall be completed one week before the training starts.

(2) Monthly operation support shall be conducted at each center.

(3) Network Training shall be conducted at each center.

6. Output

(1) Six(6) copies of the inception Report (including ITED system training materials) in Thai: Six(6) copies in English.

(2) Six(6) copies (digital file) of the inception Report (including Network training materials) digital file in Thai: Six(6) copies (digital file) in English.

(3) Six(6) copies of the trouble shooting Report in Thai of each center and every time as trouble occurs : Six(6) copies in English.

(4) Six(6) copies (digital file) of the trouble shooting Report in Thai of each center and every time as trouble occurs: Six(6) copies(digital file) in English.

(5) Six(6) copies of the monthly support Report of each center in Thai: Six(6) copies in English.

(6) Six(6) copies (digital file) of the monthly Report of each center in Thai: Six(6) copies(digital file) in English.

(7) Six(6) copies of the ITED Network and Configuration Report of each center in Thai: Six(6) copies in English at the end of March 2004.

(8) Six(6) copies(digital file) of the ITED Network and Configuration Report in Thai: Six(6) copies(digital file) in English in the end of March 2004.

(9) Six(6) copies of the Final Report (including ITED network system maintenance and management manual book) of each center in Thai: Six(6) copies in English.

(10) Six(6) copies(digital file) of the Final Report in Thai: (including ITED network system maintenance and management manual book) of each center Six(6) copies (digital file) in English.



IT Equipment Operation Support Service

From 15 Jun 2003 to 30 Sep. 2003

(in Baht)

No	Support Service Item	Quantity	Price
1	Common Operation Support	1	466,000.00
2	Monthly Routine Cost	1	640,000.00
3	Emergency Visit Cost	1	420,000.00
4	Training	1	316,000.00
		Total	1,842,000.00
	Direct Expenses		
1	Airfare Transpotation/Accommodation	1	245,200.00
2	Training Materials	1	19,200.00
3	Communication/Consumables	1	16,300.00
		Total	280,700.00
		Grand Total	2,122,700.00

VAT is not included in the price.

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Annex 9
Expenses for the Project by the Japanese Side

unit: 1,000yen

	JFY2001	JFY2002	JFY2003*	Total
Provision of Equipment				
Basic Equipment	293,471	0	0	
Equipmnet Carried by the Experts	0	2,004	5,770	
subtotal	293,471	2,004	5,770	301,245
Experts on the Consultant Contract	0	45,281	0	
subtotal	0	45,281	0	45,281
Activities for the Project				
1) General Administration	600	7,706	4,214	12,520
2) Localization	0	5,418	6,698	12,116
subtotal	600	13,124	10,912	24,636
Total	294,071	15,128	16,682	325,881

Total amount of 325,881,000 Japanese Yen is equivalent to 111,222,184.00Thai Baht

* The Expense for the JFY2003 covers the expences until the end of September, 2003.

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Name of C/P	JFY												Training in Japan or Others											
	2001				2002				2003				2004				2005				Duration	Training Held		
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV				
2. Technical C/P (Bangkok C/Ps)																								
(1) Network																					4M	Network Engineer in Japan		
Mr. Bumrung Chab-lam (Leader)																								
(2) Database																								
Mr. Apichet Munketwit																								
(3) Instructional Design																					3.5M	Multimedia production in Japan		
Ms. Sunanta Sridakul																								
(4) Instructional Design																					2.0M	WBT Training in Naruto		
Ms. Rungrut Napakanorn																								
(5) Course C																					2.0M	Course C Training in Naruto		
Mr. Pruch Sa-ngu-ngam																								
(6) Instructional Design																								
Ms. Pivanuch Prangmanee																								
(7) WBT System																								
Mr. Pongchai Tummarattananont																								
(8) WBT System																					3.5M	Digital Video Production in Japan		
Mr. Rachabodin Suwannacunti																								
(9) Instructional Design																								
Ms. Yaowalak Khonklong																								
3. Technical C/P (NFECC/Ps)																								
(1) Course Implementator																					2.0M	Course B Training in Naruto		
Mr. Nikorn Ketkomol (Leader)																								
(2) Course Implementator																								
Mr. Sarachet Sarasue																								
(3) Course Implementator																					2.0M	Course B Training in Naruto		
Ms. Kasem Rujirek (Leader)																								
(4) Course Implementator																					2.0M	Course C Training in Naruto		
Ms. Nijan Sookkho																								
(5) Course Implementator																					2.0M	Course C Training in Naruto		
Mr. Wirat Kongdee (Leader)																								
(6) Course Implementator																					2.0M	Course C Training in Naruto		
Ms. Niramon Boonchoo																								
(7) Course Implementator																					2.0M	Course B Training in Naruto		
Mr. Pairoi Kuntong (Leader)																								
(8) Course Implementator																					2.0M	Course B Training in Naruto		
Mr. Wichoke Chutivacharoenchai																								
(9) Course Implementator																					2.0M	Course B Training in Naruto		
Dr. Preecha Chacuttayaong (Leader)																								
(10) Course Implementator																					2.0M	Course C Training in Naruto		
Ms. Kaewta Boonthai																								

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Name of C/P	JFY												Training in Japan or Others				
	2001			2002			2003			2004			2005			Duration	Training field
	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III		
4. JOCV C/Ps																	
(1) Course Implementator Mr. Wichai Singmai																	
(2) Course Implementator Ms. Phimsuda Aravasoimpho																	
(3) Course Implementator Mr. Preedee Nuanpradit																	
(4) Course Implementator Mr. Khomkid Apichaisorapun																	
(5) Course Implementator Ms. Rachanee Sombiin																	
(6) Course Implementator Ms. Sudsai Srisukda																	
(7) Course Implementator Mr. Thiti Boonyos																	
(8) Course Implementator Mr. Somchai Tiechaisang																	
(9) Course Implementator Mr. Parat Nuanggate																	
(10) Course Implementator Ms. Jaratsri Huaiaj																	

Annex 11

The Expenses for the Project by the Thai side

Thai Fiscal year 2002 (in Baht)

Year	Salaries And wages	Remuneration, Services other than Personal and Supplied	Public Utilities	Equipments, Properties and Construction	Others	Total
2002	7,960,000	2,211,000	5,424,000	2,669,300	50,000	17,314,300

Total Budget of MOE

Thai Fiscal Yea 2002 (From October 2001 to September 2002) : 162,428,000,000 Baht

Thai Fiscal year 2003 (in Baht)

Year	Salaries And wages	Remuneration, Services other than Personal and Supplied	Public Utilities	Equipments, Properties and Construction	Others	Total
2003	8,110,000	1,240,000	5,568,000	5,339,400	60,000	20,317,400

Total Budget of MOE

Thai Fiscal Year 2003 (From October 2002 to September 2003): 158,424,700,000 Baht

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Annex 12

List of Machinery and Equipment by the Thai Side (Thai Fiscal year 2003)

Chonburi Center

No.	Item	Quantity	Price	Budget
1	High performance PC	20	40,000	800,000
2	Table with Chair for PC (Set)	20	3,200	64,000
3	LCD projector	1	250,000	250,000
4	Laser Printer	1	14,500	14,500
5	Table for Printer	1	2,000	2,000
6	Scanner	1	4,000	4,000
7	Sub-Server , Sub Server for multimedia Sub-Server for communication	4	50,000	200,000
8	Digital Video Camera	2	60,000	120,000
9	Digital Still Camera	3	25,000	75,000
10	Network laser Color Printer	1	120,000	120,000
11	Notebook PC for multimedia development	1	80,000	80,000
12	Notebook PC for presentation	2	80,000	160,000
13	Dial-Up Router	1	13,000	13,000
14	ISDN Router HUB	1	12,000	12,000
15	Switching Hub 24 ports	3	24,000	72,000
16	Ethernet Cable	32	100	3,200
17	Electric Board System	1	320,000	320,000
			Total	2,309,700

Ratchaburi Center

No.	Item	Quantity	Price	Budget
1	High performance PC	20	40,000	800,000
2	Table with Chair for PC (Set)	20	3,200	64,000
3	LCD projector	1	250,000	250,000
4	Laser Printer	1	14,500	14,500
5	Table for Printer	1	2,000	2,000
6	Scanner	1	4,000	4,000

7	Sub-Server , Sub Server for multimedia Sub-Server for communication	4	50,000	200,000
8	Digital Video Camera	2	60,000	120,000
9	Digital Still Camera	3	25,000	75,000
10	Network laser Color Printer	1	120,000	120,000
11	Notebook PC for multimedia development	1	80,000	80,000
12	Notebook PC for presentation	2	80,000	160,000
13	Dial-Up Router	1	13,000	13,000
14	ISDN Router HUB	1	12,000	12,000
15	Switching Hub 24 ports	3	24,000	72,000
16	Ethernet Cable	32	100	3,200
17	Electric Board System	1	320,000	320,000
			Total	2,309,700
			Grand Total	4,619,400

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Annex 13

List of Additional Machinery and Equipment by the Thai Side

No.	Item	Quantity	Budget
1	Notebook PC	20	800,000
2	UPS 2 KVA	10	150,000
3	Hardware for course C training	60	900,000
4	Visualizer	6	240,000
5	Software for virus	20	114,000
6	Software for Multimedia		
	- Studio MX	40	360,000
	- Adobe Premiere	40	400,000
7	Headphone with microphone	6	36,000
Total			3,000,000

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Annex 14
Annual Plan of Operation for JFY2002 and 2003

Activities		Plan of Operation												Inputs	Outputs		
		2002						2003									
Detail of Activities		Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.			
Institutional framework for educational methods using IT is developed	Establishment and implementation of project operation unit and its administration				▲				▲							Japanese long-term experts	Develop institutional framework for continual development of curriculum using IT, teaching methodologies and materials at NETI
	Collection and dissemination of related/necessary information				▲				▲							FD, PM	Develop institutional framework to conduct/strengthen IT trainings, including ones for teachers, in local model area
	Design/implementation of necessary identification system of IT training			Dr. Kikuchi		Mr. Fujimura	Dr. Ito				Mr. Sasaki			Mr. Fujimura		CP (in Bangkok)	
Curriculum using IT and multimedia production support utilities are developed	Curriculum design/development using IT			Course A Materials Development		Course A Implementation				Course A Modification						Japanese short-term experts (several)	Develop curriculum using IT for 6 subjects
	Development of WBT methodologies								WBT	Introduction by Mr. Sasaki						CP (in Bangkok)	Develop teaching methodologies for curriculum using IT for 6 subjects
	Production of teaching/WBT materials															Hardware for training Software for training	Produce WBT materials for 6 subjects
CP's necessary IT skills and technologies to conduct WBT are strengthened	Further development of multimedia application technology															Japanese short-term experts (several)	CP's acquire necessary IT skills and technologies to produce WBT materials
	Further development of computer network technology															CP (in Bangkok) CP (local model area)	CP's acquire necessary IT skills and technologies to develop relevant information system for conducting WBT
	Further development of information system management/administration technology															Hardware for development Software for development	
Curriculum using IT is diffused in local model area	development of database system design/administration															Hardware for training Software for training	
	Trainer's training of WBT															Japanese short-term experts (several)	CP's are conduct trainings of producing teaching materials using IT to other trainers, including teachers
	Training in introduction of information and communication system															JOCY CP (in Bangkok) CP (in local model area)	CP's are conduct trainings of teaching using WBT materials to other trainers, including teachers can produce WBT materials for 2000 teachers
Conducting seminars/events	Lecture by Dr. Kikuchi			▲												Hardware for development Software for development Hardware for training Software for training	
	Lecture by Mr. Sasaki																
	Training of WBT in Subject A,B,C																

Annex 15
 Technical Cooperation Program (TCP)
 Accreditation System (Course A)

— Implemented  Plan F Finish

Calendar year	2001		2002				2003				2004				2005			
Technology Transfer Item / Japanese Fiscal Year	2001		2002				2003				2004				2005			
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
	Signing of the R/D																	
Term of Technical Cooperation:	▼																	
Implement Technology Transfer to the C/P																		
Accreditation System																		
Course A Textbook for school teachers (The first version)																		
Policy Statement																		
General Description																		
Main Purpose																		
Objectives																		
Specification																		
Target Group																		
Basic Computer																		
File Management																		
Introduction to Word processor																		
Tutorial of Word processing																		
Spreadsheet																		
Tutorial of Spreadsheet																		
Introduction to e-Mail																		
Exercise of e-Mail																		
Introduction to Web Browsing																		
Exercise of Web browsing																		
Introduction to PC Hardware																		
Knowledge of Information Ethics																		
Teaching Method for IT Instructor																		
Skill Check Sheet																		
Course A Textbook for school teachers (The Second version)																		
Basic Computer																		
File Management																		
Introduction to Word processor																		
Tutorial of Word processing																		
Spreadsheet																		
Tutorial of Spreadsheet																		
Introduction to e-Mail																		
Exercise of e-Mail																		
Introduction to Web Browsing																		
Exercise of Web browsing																		
Teaching Method for IT Instructor																		
Skill check Sheet																		

P. 5

Calendar year	2001		2002				2003				2004				2005			
Technology Transfer Item / Japanese Fiscal Year	2001		2002				2003				2004				2005			
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Course A Textbook for school teachers (The Third version)																		
Policy Statement									F									Follow-up
General Description									F									Follow-up
Main Purpose									F									Follow-up
Objectives									F									Follow-up
Specification									F									Follow-up
Target Group									F									Follow-up
Basic Computer									F									Follow-up
File Management									F									Follow-up
Introduction to Word processor									F									Follow-up
Tutorial of Word processing									F									Follow-up
Introduction to Spreadsheet									F									Follow-up
Tutorial of Spreadsheet									F									Follow-up
Introduction to e-Mail									F									Follow-up
Exercise of e-Mail									F									Follow-up
Introduction to Web Browsing									F									Follow-up
Exercise of Web browsing									F									Follow-up
Introduction to PC Hardware									F									Follow-up
Knowledge of Information Ethics									F									Follow-up
Teaching Method for IT Instructor									F									Follow-up
Skill Check Sheet									F									Follow-up
Course A Media development																		
Template Production																		
Animation Production																		

P. ...

Technical Cooperation Program (TCP)
Accreditation System (Course B)

— Implemented  Plan F Finish

Calendar year	2001		2002				2003				2004				2005			
Technology Transfer Item / Japanese Fiscal Year	2001		2002				2003				2004				2005			
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Signing of the R/D																		
Term of Technical Cooperation	▼																	
Implement Technology Transfer to the C/P																		
Accreditation System																		
Course B Textbook for school teachers (The first version)																		
Concept of Information Delivering for School Education																		
General Description																		
Main Purpose																		
Objectives																		
Specification																		
Target Group																		
Introduction to Multimedia																		
Introduction to Presentation																		
Effective Presentation																		
Visual Principle																		
Basic Operation																		
Tutorial of Presentation Software																		
Planning and Desingning																		
Concept of Animation																		
Effective Animation																		
Basic Operation of Animation software																		
Concept of Video for Multimedia																		
Sample of Video clip																		
Basic Shooting																		
Basic operation of Video Editing																		
Introduction of Webpage																		
Basic Operation																		
Planning and Desingning (story board)																		
Evaluation Sheet																		
Skill Check Sheet																		
Course B Textbook for school teachers (The Second version)																		
General Description																		
Main Purpose																		
Objectives																		
Specification																		
Target Group																		
Introduction to Multimedia																		
Introduction to Presentation																		
Effective Presentation																		
Visual Principle																		
Basic Operation																		
Tutorial of Presentation Software																		
Planning and Desingning																		

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Technical Cooperation Program (TCP)
Accreditation System (Course C)

— Implemented  Plan F Finish

Calendar year	2001	2002				2003				2004				2005				
Technology Transfer Item / Japanese Fiscal Year	2001		2002				2003				2004				2005			
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
	Signing of the R/D																	
Term of Technical Cooperation	▼																	
Implement Technology Transfer to the C/P																		
Accreditation System																		
Course C Textbook for school teachers (The first version)																		
Concept of Information Management System in school																		
General Description																		
Main Purpose																		
Objectives																		
Specification																		
Target Group																		
Introduction to Structure of Network																		
Type of Linux servers																		
Type of Windows servers																		
Ethernet Network																		
Components of Computer																		
Assembling of Computer																		
Making Ethernet Cable																		
Structure of Hard Disk Drive																		
Partitioning Hard Disk Drive																		
Installation of Windows OS																		
Setting of Windows PC as Client																		
Installation of Linux OS																		
Setting of Linux PC as Client																		
Terminal Emulator for X Window System																		
Fundamental Shell Commands																		
Text Editining																		
Process Control																		
Shell Programing																		
Rpm Package Manager																		
Bootstrap Behavior of Linux																		
Internet Services 1																		
Internet Services 2																		
Firewall																		
NFS (Network File System)																		
Construction of Computer System in school																		
Problems of Neetwork System in school																		
Fundmental Network Services in school																		
Intranet Services in school 1																		
Intranet Services in school 2																		
Utilization of Free Software																		
Pre-test																		

A. E.

Calendar year	2001		2002				2003				2004				2005			
Technology Transfer Item / Japanese Fiscal Year	2001		2002				2003				2004				2005			
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Course C Textbook for school teachers (The first version)																		
Concept of Information Management System in school																		
General Description																		
Main Purpose																		
Objectives																		
Specification																		
Target Group																		
Introduction to Structure of Network																		
Type of Linux servers																		
Type of Windows servers																		
Ethernet Network																		
Components of Computer																		
Assembling of Computer																		
Making Ethernet Cable																		
Structure of Hard Disk Drive																		
Partitioning Hard Disk Drive																		
Installation of Windows OS																		
Setting of Windows PC as Client																		
Installation of Linux OS																		
Setting of Linux PC as Client																		
Terminal Emulator for X Window System																		
Fundamental Shell Commands																		
Text Editing																		
Process Control																		
Shell Programing																		
Rpm Package Manager																		
Bootstrap Behavior of Linux																		
Internet Services 1																		
Internet Services 2																		
Firewall																		
NFS (Network File System)																		
Construction of Computer System in school																		
Problems of Network System in school																		
Fundamental Network Services in school																		
Intranet Services in school 1																		
Intranet Services in school 2																		
Utilization of Free Software																		
Pre-test																		

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Technical Cooperation Program (TCP)
WBT Material Development

— Implemented  Plan F Finish

Calendar year	2001		2002				2003				2004				2005			
Technology Transfer Item / Japanese Fiscal Year	2001		2002				2003				2004				2005			
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
	Signing of the R/D																	
Term of Technical Cooperation	▼																	
Implement Technology Transfer to the C/P																		
WBT Production																		
Concept of Information Management System in school																		
What is WBT (WBT Definition)																		
No Single Academic Definition																		
Teaching / Learning on WBT																		
Interactivity																		
Flexibility																		
Related Key Words																		
CAI(Computer Aided Instruction)																		
CBT(Computer Based Teaching)																		
IT(Information / Internet Technology)																		
e-Learning																		
Distance Learning																		
WBT in Classroom																		
Variation of WBT																		
Who needs WBT																		
Can WBT teach better																		
How can we make WBT courses more effective																		
Learning Units																		
Ruleg																		
Terminal Response Training																		
Personalized System of Instruction																		
Fluency Building																		
User Testing																		
Merits of WBT																		
Demerits of WBT																		
WBT Content Production Ver.1																		
Selection of Subject																		NF
Contacting SME(School Teachers)																		NF
Needs Aessment																		NF
Making Storyboard																		NF
Making Questionnaire																		NF
Implementation																		NF
Modification(Validation)																		NF
Evaluation																		NF
WBT System (LMS)																		
Inspecting System (EGAT)																		NF
System Development																		NF
System Checking for Debug																		NF

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Annex 16
Annual Technical Cooperation Program for JFY 2002 and 2003

Annual Technical Cooperation Program (ATCP)
Accreditation System (Course A)

Implemented Plan Lecture/Hands-on Training
 Dispatch S/E Training in Japan

Calendar year	2002												2003												2004		
Technology Transfer Item / Japanese Fiscal Year	2002												2003														
	4	5	6	7	8	9	#	#	#	1	2	3	4	5	6	7	8	9	#	#	#	1	2	3			
Signing of the R/D																											
Term of Technical Cooperation	▼																										
Implement Technology Transfer to the C/P	■																										
Accreditation System																											
Course A Textbook for school teachers (The first version)																											
Policy Statement																											
General Description																											
Main Purpose																											
Objectives																											
Specification																											
Target Group																											
Basic Computer																											
File Management																											
Introduction to Word processor																											
Tutorial of Word processing																											
Spreadsheet																											
Tutorial of Spreadsheet																											
Introduction to e-Mail																											
Exercise of e-Mail																											
Introduction to Web Browsing																											
Exercise of Web browsing																											
Introduction to PC Hardware																											
Knowledge of Information Ethics																											
Teaching Method for IT Instructor																											
Skill Check Sheet																											
Course A Textbook for school teachers (The Second version)																											
Basic Computer																											
File Management																											
Introduction to Word processor																											
Tutorial of Word processing																											
Spreadsheet																											
Tutorial of Spreadsheet																											
Introduction to e-Mail																											
Exercise of e-Mail																											
Introduction to Web Browsing																											
Exercise of Web browsing																											
Teaching Method for IT Instructor																											
Skill check Sheet																											
Course A Media development																											
Template Production																											
Animation Production																											

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Annual Technical Cooperation Program (ATCP)
Accreditation System (Course B)

Implemented
 Plan
 Lecture/Hands-on Training
 Dispatch S/E
 Training in Japan

Calendar year	2002												2003												2004								
Technology Transfer Item / Japanese Fiscal Year	2002												2003																				
	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3									
Term of Technical Cooperation	▼																																
Implement Technology Transfer to the C/P	▬																																
Accreditation System																																	
Course B Textbook for school teachers (The first version)																																	
Concept of Information Delivering for School Education																																	
General Description																																	
Main Purpose																																	
Objectives																																	
Specification																																	
Target Group																																	
Introduction to Multimedia																																	
Introduction to Presentation																																	
Effective Presentation																																	
Visual Principle																																	
Basic Operation																																	
Tutorial of Presentation Software																																	
Planning and Desingning																																	
Concept of Animation																																	
Effective Animation																																	
Basic Operation of Animation software																																	
Concept of Video for Multimedia																																	
Sample of Video clip																																	
Basic Shooting																																	
Basic operation of Video Editing																																	
Introduction of Webpage																																	
Basic Operation																																	
Planning and Desingning (story board)																																	
Evaluation Sheet																																	
Skill Check Sheet																																	
Course B Textbook for school teachers (The Second version)																																	
General Description																																	
Main Purpose																																	
Objectives																																	
Specification																																	
Target Group																																	
Introduction to Multimedia																																	
Introduction to Presentation																																	
Effective Presentation																																	
Visual Principle																																	
Basic Operation																																	
Tutorial of Presentation Software																																	
Planning and Desingning																																	

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Annex 17
Tentative Schedule of Implementation (TSI)

— Implemented  Plan F Finish

Calendar year	2001				2002				2003				2004				2005			
Technology Transfer Item / Japanese Fiscal Year	2001				2002				2003				2004				2005			
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
				Signing of the R/D																
Term of Technical Cooperation			▼	[Patterned]																
Implement Technology Transfer to the C/P				[Patterned]																
The Japanese Side																				
I Dispatch of Mission																				
(1) Preliminary Study	[Patterned]																			
(2) Supplementary Study		[Patterned]																		
(3) Management Consultation					[Patterned]															
(4) Mid-Term Evaluation										[Patterned]										
(5) Final Evaluation																		[Patterned]		
II Dispatch of Long-Term Experts																				
(1) Chief Advisor					[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	
(2) Technical Coordinator					[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	
(3) Technical Coordinator (Education)							[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	
III Dispatch of Short-term experts																				
				Short-term experts on specific field will be dispatched, if necessary.																
IV Training of the C/P in Japan																				
				A certain number of the C/P will be accepted in Japan annually.																
V Provision of Machinery and Equipment																				
				[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	
The Thai Side																				
I Building and Facilities																				
					[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	
II Machinery and Equipment																				
					[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	
III Allocation of the C/P and Necessary Staff																				
					[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	
IV Allocation of Budget																				
					[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	[Patterned]	

P. S.

Annex 18
Annual Tentative Schedule of Implementation (ATSI)

Implemented
 Plan
 Lecture/Hands-or Training
 Dispatch S/E
 Training in Japan

Calendar year	2002												2003												2004		
Technology Transfer Item / Japanese Fiscal Year	2002												2003														
	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3			
Term of Technical Cooperation	[Solid line from 2002.4 to 2003.12]																										
											▼ JCC				▼ JCC				▼ JOCV								
The Japanese Side																											
I Dispatch of Mission																											
(1) Management Consultation											—																
(2) Mid-term Evaluation																					—						
II Dispatch of Long-Term Experts																											
(1) Chief Advisor	[Solid line from 2002.4 to 2003.12]																										
(2) Technical Coordinator	[Solid line from 2002.4 to 2003.12]																										
(3) Technical Coordinator (Education)													[Solid line from 2003.4 to 2003.12]														
III Dispatch of Short-term experts																											
(1) Accreditation System																											
(2) WBT Production																											
(3) Network System																											
(4) Data Base Design																											
IV Training of the C/P in Japan																											
(1) Digital Video Production	[Solid line from 2002.8 to 2002.12]																										
(2) Multimedia production													[Solid line from 2003.1 to 2003.6]														
(3) Information system / Desin in School													[Solid line from 2003.1 to 2003.3]														
(4) Network Engineer Course													[Solid line from 2003.4 to 2003.9]														
(5) IT Management Course																			[Solid line from 2003.10 to 2003.12]								
(6) Information system / Design in School																			[Solid line from 2003.10 to 2003.12]								
V Provision of Machinery and Equipment	[Solid line from 2002.4 to 2002.10]																										
The Thai Side																											
I Building and Facilities	[Solid line from 2002.4 to 2002.12]																										
II Machinery and Equipment	[Grid pattern from 2002.4 to 2003.12]																										
III Allocation of the C/P and necessary staff	[Solid line from 2002.4 to 2003.12]																										
IV Allocation of Budget	[Solid line from 2002.4 to 2003.12]																										

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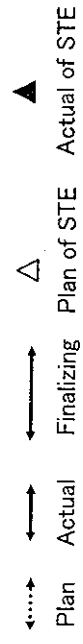
	JFY 2001			JFY 2002						JFY 2003					
	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
Course B															
(1) Meeting of Curriculum Development															
(2) Curriculum Development by NFEC C/Ps in Naruto															
(3) Curriculum Development by all C/Ps at Bangkok Center															
(4) Curriculum Implementation at ChiangMai NFEC															
(5) Curriculum Modification by MOE C/Ps at Bangkok Center															
(6) Curriculum Modification by MOE C/Ps															
														Follow-up	

Handwritten initials: "F. M."

	JFY 2001			JFY 2002						JFY2003					
	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
Course C															
(1) Meeting of Curriculum Development															
(2) Curriculum Deveploment by NFEC C/Ps in Naruto															
(3) Curriculum Deveploment by 3 C/Ps with Dr. Ito at Bangkok Center															
(4) Curriculum Deveploment by 3 C/Ps with Dr. Kikuchi at Bangkok Center															
(5) Course C Training for 5 C/Ps in Naruto															
(6) C/Ps Training of Course C															

Handwritten initials: "M.F."

Annex 20
Progress of Training for WBT Production



	JFY 2001			JFY 2002			JFY2003								
	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
WBT Production															
(1) Meeting of WBT Materials Development with Dr. Shimamune															
(2) Workshop for school teacher (Making Storyboard) by Dr. Sugree															
(3) Selection of Storyboard															
(4) Modification of the made Storyboard with Dr. Shimamune															
(5) Needs Assessment by C/Ps															
(6) User testing															
(7) Workshop for school teacher (Selection of Subject) by C/Ps															
(8) Making Storyboard with Mr. Tokumura															

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Annex 21

The Number of Courses Conducted at each NFECs (until the beginning of Sep.2003)

() The number of Trainees

TFY2002	Chiang Mai	Nakhon Ratchasima	Ratchaburi	Chonburi	Songkhla
Course A	3(60)	3(60)	3(60)	3(59)	4(78)
Course B	0(0)	0(0)	0(0)	0(0)	0(0)
Course C	0(0)	0(0)	0(0)	0(0)	0(0)
Mobile	0(0)	0(0)	0(0)	0(0)	0(0)

TFY2003	ChiangMai	Nakhon Ratchasima	Ratchaburi	Chonburi	Songkhla
Course A	13(256)	13(261)	6(114)	7(132)	11(210)
Course B	2(40)	2(37)	0(0)	0(0)	3(66)
Course C	0(0)	0(0)	0(0)	0(0)	0(0)
Mobile	1(20)	1(20)	3(52)	0(0)	0(0)

Total	ChiangMai	Nakhon Ratchasima	Ratchaburi	Chonburi	Songkhla
Course A	19(376)	17(341)	9(226)	10(191)	15(288)
Course B	2(40)	2(37)	0(0)	0(0)	3(66)
Course C	0(0)	0(0)	0(0)	0(0)	0(0)
Mobile	1(20)	1(20)	3(52)	0(0)	0(0)

Grand Total	1,525
-------------	-------

Annex 22
Publicity for ITEd Project

1 Brochures

	title	number	note	version
1	WELCOME TO ITEd PROJECT	200 books	blue color book, pop up style	2002
2	WELCOME TO ITEd PROJECT	500 books	white color book	2003

2 Homepage

	webpage address	updated	note
1	www.ited.moe.go.th	in September 2003	a problem with uploading to Linux server

3 Others

	item	number	note
1	sticker	30 sheets	
2	ball-point pen	300 pens	for Mr. Nakagawa Lecture on 13,14 Oct 2003
3	plastic case	300 cases	for Mr. Nakagawa Lecture on 13,14 Oct 2003

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Annex 23
Production by ITeD Project

1 ITeD series (done by the Japanese Side)

	title	number
1	ITeD Instructor's Guide Book(Thai)	100
2	ITeD Instructor's Guide Book(English)	100
3	2001 Basic Education Curriculum in Thailand (Japanese)	50

2 Needs Assessment for Teacher Training by GIS (done by the Japanese Side)

	information	date
1	Course A in Chonburi	Jul-02
2	Course A in Ratchaburi	Jul-02
3	Course B in Chiang Mai	Mar-03
4	Course B in Songkhla	Mar-03
5	Course B in Nakhon Ratchashima	Mar-03
6	Course B in Chonburi	Mar-03
7	Course B in Ratchaburi	Mar-03

3 Teaching Material for Training Course A & B (done by the Thai Side)

	title	date
1	Course A Workbook	Aug-03
2	Course A Tutorial	Dec-02
3	Course B Workbook	Aug-03

4 Posters (done by the Thai Side)

	title	date	number
1	Posters	Nov-02	4000

5 Certificates (done by Thai Side)

	title	date	number
1	Certificates with Cover	Sep-02	5000

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**Draft Project Design Matrix for Evaluation (PDMe)
The Project of the Capacity Building on the Development of Information Technology for Education (ITEEd Project)**

Provisional Draft for 2nd Revision (Prepared on 2003.11.20) Project Duration: 2002.03.1 to 2005.2.28
 Version history: Original 2001.07.13, 1st Revision 2002.11.28 Target Group: Mainly Primary and Secondary School Teachers in the Model Areas

NARRATIVE SUMMARY	OBJECTIVELY VERIFIABLE INDICATORS	MEANS OF VERIFICATION	IMPORTANT ASSUMPTIONS
<p>OVERALL GOAL Implementation of the courses under accreditation system and promotion activities of new education approaches advocated by the Project are expanded for the achievement of the Ministry of Education's ICT Master Plan.</p>	<p>1. The standardized accredited courses are conducted on regular basis organizations relating to the teacher capacity building. 2. WBT material advocated by the Project is utilized in schools.</p>	<p>1. Questionnaire and monitoring survey by the Monitoring/Evaluation Task Force. 2. -- ditto --</p>	<p>The Ministry of Education (MOE) decides to implement the nationwide program to educate the school teachers by the accreditation system. Same as the outputs level assumptions.</p>
<p>PROJECT PURPOSE The ICT applications in mainly primary and secondary school promoted by the ITEEd through training, Web Based Training (WBT) development and publicity activities are diffused in the model areas.</p>	<p>1. The ICT acquired through the training courses are applied by more than 80% completed trainees in their schools with sufficient environments. 2. The courses and/or application methods conducted/ advocated by the 5 NFECs/ Project are appreciated by the schools</p>	<p>1. Questionnaire and monitoring survey 2. -- ditto --</p>	<p>Furnishing of required computer facilities and software in the schools in model areas progresses as expected by MOE. Network provision to the schools in the areas achieved as expected by MOE. Curricula using ICT are prepared as expected by MOE. Curricula for ICT education are prepared as expected by MOE. Teaching materials based on ICT are easily affordable.</p>
<p>OUTPUTS 1. Model accreditation system under the ITEEd Project for ICT training of the target group and WBT use in education are established/ defined and publicized. 2. Bangkok Center functions as planning, coordination and supportive unit for operations of accreditation system.</p>	<p>1.1 The formal accreditation system for the ICT training and WBT use in education are well recognized by the related organizations and persons. 2.1 Related personnel are satisfied with Bangkok Center activities. 2.2 Library of the course documents, general teaching materials, and application cases is established.</p>	<p>1.1 Periodical monitoring and survey for joint evaluation. 2.1 Monitoring survey to the related personnel 2.2 Web access records.</p>	<p>3.1 Periodical monitoring survey and evaluation. 3.2 Questionnaire survey to the completed trainees. 4.1 Periodical monitoring and survey for joint evaluation. 5.1 Project Document and external verification. 5.2 Check list and external verification.</p>
<p>3. Practical and effective standardized training courses are developed and updated.</p>	<p>3.1 Up-to-date standard curriculum, teaching methods, and teaching materials are utilized by the 5 NFECs. 3.2 The completed teachers and their schools appreciated the practicality of the training contents and teachings. 3.3 C/Ps are capable to develop targeted training courses.</p>	<p>3.1 Periodical monitoring survey and evaluation. 3.2 Questionnaire survey to the completed trainees.</p>	<p>4.1 3,000 trainees who are basically teachers complete the courses conducted by the 5 NFECs. 4.2 The completed participants appreciated the course.</p>
<p>4. The 5 Non-Formal Education Centers (NFECs) conduct the established practical and effective accredited courses.</p>	<p>4.1 At least 4 WBT materials with Learning Management System (LMS) are developed. 5.2 C/Ps have capability to manage/ administer production of WBT material including needs survey.</p>	<p>4.1 Periodical monitoring and survey for joint evaluation.</p>	<p>5.1 Project Document and external verification. 5.2 Check list and external verification.</p>
<p>5. The Bangkok Center in cooperation with NECTEC has capability to produce WBT materials.</p>	<p>5.1 At least 4 WBT materials with Learning Management System (LMS) are developed. 5.2 C/Ps have capability to manage/ administer production of WBT material including needs survey.</p>	<p>5.1 Project Document and external verification. 5.2 Check list and external verification.</p>	<p>5.1 Project Document and external verification. 5.2 Check list and external verification.</p>

Activities	Inputs (By Japan)	Counterparts remain in their working fields.
0.1 Establishment of Bangkok Center and training facilities at 5 NFECS and the network (LAN & WAN).	1. Long-Term experts: 1) Chief Advisor 2) Technical coordinator 3) Technical coordinator for education	Communication and coordination is properly managed among such 2 implementing bodies as MOE and NECTEC.
0.2 Establishment of Project organization.		
0.3 Maintenance and management of the training facilities and the network.		
1.1 Formulation of the institutional framework for the accreditation system.	2. Short-Term Experts: 5 experts 1) For Curricula development/ ____ (Courses A/B/C)	Responsibility sharing is properly managed between the center and 5 non-formal education centers in local areas.
1.2 Needs survey for the accreditation system including GIS survey and analyses.	2) For WBT material production as well as in the field of educational use of IT in schools. (Total of 40 M/M at maximum for the project period)	
1.3 Establishment of the accreditation system.	3. Equipment: 1) Equipment for curricular development (PC, Server and related software). 2) Equipment for training (PC, Server, network equipment and related software). 3) Vehicles and equipment for 4 Mobile classroom	
1.4 Defining WBT use in education.		
1.5 Publicity and promotion of the accreditation system including holding of seminars and events.	4. Counterpart training in Japan: 0-3 members per year	
1.6 Monitoring of the reputation of the accreditation system.	5. JOCV members: 5 (1 x 5 places)	
1.7 Improvement of the publicity and promotion activities.		
2.1 Identification of the Bangkok Center's required functions.	(By Thailand) 1. C/P personnel 1) C/P for administration: 13 2) Technological C/P for development (in Bangkok): 9 3) Technological C/P for training (in local model areas): 20 (4 x 5 places)	
2.2 Capacity building of the C/Ps in the Bangkok Center for the identified functional activities.		
2.3 Execution of central role of the activities for the Output 1 (accreditation system establishment and promotion).		
2.4 Planning and coordination/ implementation of the activities for Output 3 (standard course development and updating).		
2.5 Support for the smooth operation of the activities for the Output 4.	2. Facilities 1) Training and development rooms, office of JICA expert team with proper furniture and supply. (Bangkok) 2) Training rooms (with server rooms and storage) in 5 Provincial Non-formal education centers and necessary training/ management equipment and software for Chonburi and Rachaburi Provincial Centers (2 local model areas)	
2.6 Planning, coordination and implementation of Output 5.		
2.7 Coordination of the JOCV members stationed in 5 NFECS to support the Project.		
2.8 Management of the class facilities and network maintenance of the Bangkok Center and 5 NFECS.	3. Local cost 1) Operational/ recurrent and maintenance cost.	
2.9 Development and operation of the Web based library for the diffusion of the standardized courses and ICT application mainly in primary and secondary schools.		
3.1 Needs survey for the accredited courses.		
3.2 Development of the course concepts for the ICT training.		

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- 3.3 C/P capacity building for course development.
- 3.4 Curriculum development for the courses.
- 3.5 Development of the course materials.
- 3.6 Monitoring of the course implementations for the course improvement.
- 3.7 Monitoring of the completed trainees.
- 3.8 Improvement of the courses and their materials.
- 4.1 Capacity building of C/Ps for preparation of the courses including the understanding of the subject disciplines, and the acquisition of the required ICT skills and knowledge.
- 4.2 Planning of the course schedules including mobile courses.
- 4.3 Recruitment of appropriate participants.
- 4.4 Execution of the training courses.
- 4.5 Minor improvement of the course implementation.
- 4.6 Feedback of the issues for the course improvement including implementation results and conditions, trainees' responses to the Bangkok Center.
- 4.7 Maintenance of the class facilities and network.
- 4.8 Follow up of the completed trainees including promotion activities of the application of ICT uses.
- 4.9 Feedback of the follow up activities to the training courses including reporting to the Bangkok Center.
- 5.1 Capacity building of the C/Ps for WBT material contents development.
- 5.2 Needs survey for the WBT material.
- 5.3 Identification of required technologies for the WBT material production.
- 5.4 Capacity building of the C/Ps for WBT material production technologies including LMS.
- 5.5 Production of the WBT materials and the WBT material with LMS.
- 5.6 Feedback to the accredited course.

1. RELEVANCE

1.1 Summary of Relevance


- a) The Project Purpose and the Overall Goal as well as the Target Group of the Project is duly relevant to the social needs and the Government and the Ministry of Education's policies of Thailand.
- b) The Project is relevant to the external assistance policy of the Government of Japan with the clear advantage of Japan in the respective field.
- c) Executive agencies of the Project which are the Bureau of Information and Communication Technology (BICT) and the 5 Provincial Non-Formal Education Centers (NFECs) in Chiang Mai, Nakorn Ratchasima, Chonburi, Ratchaburi, and Songkhla, under the MOE, and the National Electronics and Communication Technology Center (NECTEC) are appropriate.

1.2 Relevance to the Needs of the Recipient Country

- a) The Project Purpose of "The ICT applications in mainly primary and secondary school promoted by the ITed through training, WBT development and publicity activities are diffused in the model areas" is consistent with the social requirement of the country to pursue diffusion of the ICT application of the basic education level schools.
- b) The Overall Goal of "Implementation of the course under the accreditation system and promotion activities of new education approaches advocated by the Project are expanded for the achievement of the Ministry of Education's ICT Master Plan" is a clear statement that the Overall Goal is a part of the Master Plan pursuits.
- c) Targeting "Mainly Primary and Secondary School Teachers in the Model Areas" is appropriate to prove the effectiveness of the Project's approach to diffuse ICT application in the basic education level schools for deciding expansion of the training course implementation and new education approach promotion.

As stated in Annex 1 ICT use in the basic education, to which the Project intends to contribute, is part of the national ICT promoting program of the Government of Thailand. As stated in III-6 of the Attached Document, the Project Purpose and the Overall Goal of the Project are properly in line with the pursuit of diffusion of the ICT use in the primary and secondary schools which is one of the major policy objectives regarding the ICT in education.

As a model scheme for the further expansion including development and improvement of its activities, the Project has to prove the effectiveness of its approach as stated in III-6 of the Attached Document. Considering the ultimate goal of diffusion of ICT use in primary and secondary schools, teachers of the schools in the model areas are appropriate and indispensable target. Since they are the main players of ICT use in the schools, training of them in ICT use



must be a major factor for the achievement the ultimate goal when the appropriate environment is prepared.

1.3 Relevance to the Japanese Aid Policy/Japanese Expertise

Japan has clear advantage in application of ICT in basic education and ICT trainings.

1.4 Relevance to the Thai Policy Implementation Structure

Executive agencies of the Project which are the Bureau of Information and Communication Technology (BICT) and the 5 Provincial Non-Formal Education Centers (NFECs) in Chiang Mai, Nakorn Ratchasima, Chonburi, Ratchaburi, and Songkhla, under the MOE, and the National Electronics and Communication Technology Center (NECTEC) are appropriate.

Since the BICT is the central organization for the ICT for education in the MOE and the NECTEC is the central organization for ICT application in Thailand, they are appropriate as the executive agencies for the Project.

Although the NFEC's main role is local human resource development in general but is not specific to the in-service teacher training, it is still appropriate since the teacher training is part of the human resource development. Furthermore at the time of the Project commencement there was no specific organization in charge of implementing the in-service teacher training while NFECs had enough experience and capability to conduct training courses under the Project.

1.5 Internal Relevance of the Project

The PDM in effective at present for the Project is not articulated well to describe the Project's intended Project Purpose and Goal. At the same its Outputs and Activities do not properly state corresponding ones to achieve the intended Project Purpose and Goal.

As stated in III-6 of the Attached Document, the PDM's Project Purpose is more specific and its Overall Goal is more general than the respective ones to be employed considering the concept and the strategy the Project. Partly due to the aforementioned reason, the statements of Outputs and Activities are not appropriate for the execution of the Project in terms of specification of required activities as well as of linkage between the Outputs and the Project Purpose.

2. EFFECTIVENESS

2.1 Summary of the Progress

- a) By the steady execution of its Activities, the Project has been achieving its Outputs for accomplishment of its Project Purpose in basic based on its time schedule.
- b) Development and implementation of the training courses have been conducted basically as

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intended though the strengthening of the Bangkok Center is required.

- c) WBT production is on going activity which requires some more time and efforts for the capacity building of the Bangkok Center.

2.2 Output 1: Model accreditation system under the ITed Project for ICT training of mainly primary and secondary school teachers is established and publicized.

- a) As a model for accreditation system ICT training of mainly primary and secondary school teachers the courses named A, B, and C are established for training courses.
- b) Publicity activities for the accreditation system and the Project aims and activities have been conducted for professional and public recognition.
- c) Publicity activities for specific WBT use in education have been conducted while ones for the ICT in education in general have conducted through the seminars and workshops.

As shown in the Annex 14-20, model accreditation system is established and publicity activities of the system including general ICT use in education have conducted through seminars. On the other hand, defining WBT use in education by the ITed for its promotion is still on going activity and specific activity for the publicity is yet to be materialized.

2.3 Output 2: Bangkok Center functions as planning, coordination and supportive unit for operations of accreditation system.

- a) Bangkok Center is functioning as planning, coordination and supportive unit for accreditation system though there have been observed some constraints especially in initiative for coordination.
- b) Organizational arrangement of the Bangkok Center in the MOE seems not solid one as other common organizations in the MOE.
- c) Monitoring of the course implementation has just started. More involvement of counterparts and/or MOE side in this activity is desirable.

As shown in the Annex 14-20, the Bangkok Center is established and functioning at minimum level required for the training course implementation and WBT material production. Due to the assigned C/Ps availability especially technical and methodological support function to the NFECs is weak. It is desirable to increase the availability of C/Ps to enhance this function at least to the level enabling to conduct on-site supportive activities at 5 NFECs.

At the same time, organizational arrangement of the Bangkok Center seems vague and not solid as the conventional organizations of the MOE. This organizational arrangement may cause fewer availability of C/Ps considering the work volume and required specialties.

In the coordination aspect especially organizational coordination seems weak. For the WBT material development involvement of the relating organizations is not observed. Such organizations include the Bureau of Technology for Teaching and Learning which is responsible for ICT in basic education, and the Bureau of Innovative Development in Education which is

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responsible for new approaches in basic education, and the Bureau of Academic Affairs and Education Standards which is responsible for basic education's curriculum and teaching methodology development, all under the Office of the Basic Education Commission, and the Center for Educational Technology (CET) which was under the former Department of Non-Formal Education and is expected to be shifted to the newly established National Institute of Technologies for Education (NITE) which is not in shape. Although a C/P is assigned from CET its involvement as an organization is limited.

Also in respect of the training activities, involvement of the Office of the Basic Education Commission which is in charge of in-service teacher training and Rajabhat (name of the 41 higher education institutes located nationwide) to which implementation is delegated by the Office is desirable.

These insufficient involvements of the related organizations may have occurred partly due to the fluid institutional situation caused by the implementation process initiated by the enactment of the National Education Act of 1999 and 3 times changes and 2 times changes of the Minister and the Permanent Secretary respectively since the initiation of the reform. Timely information provision to the Long-Term Experts by Thai side might have mitigated this insufficiency.

Monitoring of the course implementation which has just started needs more sophistication as a tool for improvement of the courses. More involvement of counterparts and/or MOE side in this activity is required for more appropriate questionnaire development and analyses towards course improvement.

2.4 Output 3: Standard practical and effective training courses are developed and updated.

- a) Standardized Course A for the novices in ICT has been developed and been improved incorporating the feedback from the training implementation.
- b) Standardized Course B aiming nurturing teachers with new media utilization capability for their teaching material production has been developed and been implemented.
- c) Course C aiming nurturing personnel with a capability of managing basic computer network system is under preparation.
- d) Necessary counterpart trainings including one in Japan have been conducted with anticipated results.
- e) In general sophistication in defining the target and intended objectives of the courses seems to be required.

According to the monitoring result, examination and observation of the contents, material and course execution, and interviews with completed training participants, Course A was developed properly to the intended purpose and improved further for the actual requirement. Course B seems also to be developed properly to the intended purpose according to the examination and the observation and interviews with the training participants.

Text book for the Course C has been prepared while the trainer training for the Course is

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conducted under the training program in Japan. Teaching material, curriculum and teaching methods of the Course A has been improved incorporating the feedback from the NFECs.

Necessary trainings for the course preparation including development curriculum, teaching methods, and teaching material have been conducted by corresponding training courses in Japan and specific trainings in Thailand by Japanese Experts.

Although they seem to be developed properly certain degree of ambiguity in target setting and objectives for the training courses are observed especially in course level and contents. (Activities for this Output are shown in Annex 14-19.)

2.5 Output 4: The 5 NFECs conduct the established practical and effective accredited courses.

- a) The 5 NFECs are conducting the Course A and B in accordance with the standard established by the Project in basic.
- b) Number of the completed trainees is sufficient to expect an achievement of the established target.

Implementation of Course A and B are conducted as shown in Annex 14-19.

2.6 Output 5: The Bangkok Center in cooperation with NECTEC has capability to produce WBT materials

- a) Basic technology transfer required to conduct intended WBT material production has been conducted.
- b) WBT material production in accordance with the appropriate procedures based on the technology transfer is on going.

Technology transfer of the concept, methodology, and production procedures including required knowledge and skills of WBT production has basically completed. Production of WBT material is undergoing based on the procedure transferred. The experience of the production may result in modification of the rather conceptual procedure transferred to the suitable one with Thai conditions. (Activities for this Output are shown in Annex 14-18 and 20.)

3 EFFICIENCY

- a) Optimization of the network and computer systems in 5 NFECs is necessary for the better management and maintenance of the systems.
- b) Application software provide by Japanese side associated certain degree of extras due to the project implementation strategy taken for this Project.
- c) Dispositions of the counterparts in both Bangkok Center and 5 NFECs are basically dual duty which hinders counterparts' intensive contribution to the Project. This arrangement of the counterpart personnel seems to decrease efficiency of the Project although C/Ps have been paying their best efforts in this constraining condition.

- d) The delay of provision and installation of planned equipment to the NFECs by Thai side caused by introduction of the new procurement system by the Government which affected entire ICT procurement of MOE has been covered by substituting procurements by the subject NFECs.
- e) There were absorbable delays in provision and installation of the equipment and software by Japanese side.
- f) Dispatch timings of Japanese short-term experts were not so harmonized with progress of the Project.

Considering the maintenance and management cost, stability of the systems, and required knowledge and skills optimization of the network and computer systems uniformly introduced to the 5 NFECs is required. The optimization may include simplifying the network configuration especially in terms of servers and rationalizing operation systems and applications installed in the computers.

Since the Japanese side took the procurement approach of the Project to purchase major part of equipment software at the commencement, there are some software which are unnecessary for the project execution. Though this happened partly due to the insufficient local condition survey for the selection of the software, certain degree of waste associates with the approach.

Although the Project has been steadily achieving materialization of its Outputs for accomplishment of its Project purpose, dual duty disposition of C/Ps in routine job and project duties seems to decrease efficiency of the Project. This seems to result in weak coordination function of the Bangkok Center and uncertainty in uniform implementation of the Courses in 5 NFECs according to the interviews and observations.

Provision and installation of planned equipment including computers, vide cameras, network equipments, and software to the NFECs by Thai side to 2 NFECs in Ratchaburi and Chonburi, which was promised by the Thai side in October 2002 Minutes of Meeting, have been delayed by introduction of the new procurement system by the Government which affected entire ICT procurement of MOE. Scheduled execution by the end of September 2003 is yet to be materialized. This delay has been covered partly by substituting procurements by the NFECs. By their own efforts these 2 NFECs are equipped enough to conduct the Course A, while the implementation of the Course B is suspended in these NFECs.

Although the procurement and installation of the equipment and software provided by Japanese side shown in Annex 7 delayed for 2 months to 5 NFECs and for 6 months to the Bangkok Center comparing to the original schedule, there have been no significant delay in implementation of the Project.

Dispatch timings of Japanese short-term experts shown in Annex 4 were not so harmonized with progress of the Project mainly due to the availability of the experts.

4 IMPACT



- a) It is expected that the objective oriented training which is advocated by the Project may extended towards the ICT training courses conducted by NFECs targeting wider segments of human resources.
- b) Adoption of the teacher training courses and the new approaches by MOE is subject to the effectiveness of the Project approach.
- c) There are appreciations from influential entities for Project's approaches in both training and WBT material production.

5 SUSTAINABILITY

- a) Due to the fluidity of the institutional setting of the Government of Thailand, succeeding organization for the model activities formulated by the Project is still not in shape.
- b) Activities of the Bangkok Center are yet to be strengthened for the continuing implementation of the evolving activities based on current ones executed by the Project.
- c) Budget allocation for the succeeding activities may be available if the Government appreciate the Project results.
- d) It is recommended to Thai side that the institutional arrangement of the accreditation system which is temporary one solely for the Project has to be considered as the regular one of the MOE for the sustainability after the Project.

Institutional setting of the Government of Thailand seems to be in fluid condition. Mainly due to this succeeding organization for the model activities especially one by the Bangkok Center is quite uncertain. Considering importance of responding to the further institutional changes, information delivery regarding this issue from Thai side may have significance.

For the continuation of the Project activities of the Course execution and WBT material production, the role of Bangkok Center occupies major part. For assuring sustainability of the Project activities for further expansion, it is important to complete the development of Bangkok Center as the center for the promulgation.

Note: The evaluation results are derived from the analyses based on document survey, interviews with the related personnel, and observation of the operations.



Annex 26
List of Attendees

1 The Japanese Side

(1) The Mid-Term Evaluation Team

Mr. Nozomu Goda, Team Leader
Mr. Takayasu Otake, Evaluation Analysis
Mr. Makoto Takei, Information Technology
Ms. Hiroko Sannomaru, Cooperation Planning

(2) Japanese Experts

Mr. Haruo Suzuki, Chief Advisor
Mr. Hiroshi Uramoto, Technical Coordinator
Ms. Ayumi Kawara, Technical Coordinator (Education)

(3) JICA Thailand Office

Mr. Yoichiro Kimata, Assistant Resident Representative

2 The Thai Side

(1) Ministry of Education

Dr. Prapatpong Senarith, Deputy Permanent Secretary, Office of the Permanent Secretary
Dr. Athipat Cleesuntorn, Inspector General, Office of the Inspector General
Mr. Keartisak Sensai, Director, Bureau of ICT, Office of Permanent Secretary
Mr. Vimol Vatana, Director, Songkhla NFEC
Mr. Charon Makaduang, Director, Planning Division, NFEC
Mr. Chamnan Chamjamras, Director, Chonburi NFEC
Mr. Wanchai Lewpiboon, Uninet
Dr. Preecha Chacuttayapong, Instructor, Chonburi NFEC
Mr. Satien Usaha, Educator, Bureau of ICT, Office of Permanent Secretary
Ms. Orachart Suebsith, Chief, Bilateral Cooperation Unit, Bureau of International Affairs
Dr. Rangsun Wiboon-Uppatum, Bureau of ICT, Office of Permanent Secretary
Mr. Bumrung Chiablam, Bureau of ICT, Office of Permanent Secretary
Ms. Sunanta Sridakul, Bureau of ICT, Office of Permanent Secretary
Mr. Pruch Sa-nga-ngam, Staff, Uninet
Dr. Chantarat Kotkam, Bureau of Policy and Strategy
(The Joint Mid-Term Evaluation Team)
Dr. Narongsak Boonyamalik, Bureau of Policy and Strategy
(The Joint Mid-Term Evaluation Team)

(2) National Electronics and Computer Technology Center (NECTEC)

Mr. Pornchai Tummarattananont, Staff



(3) Department of Technical and Economic Cooperation (DTEC), Ministry of
Foreign Affairs

Mr. Banchong Amornchewin, Chief, Japan Sub-Division

Mr. Phattarapat Sanitburoot, Program Officer, Japan Sub-Division

Mr. Wattanawit Gajaseni, Program Officer, Japan Sub-Division

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2. PDMe(和文)

評価用Project Design Matrix (PDMe)
 タイ教育用情報技術開発能力向上プロジェクト (ITEEd Project)

第2次改訂の際の参照用案 (作成日: 2003年11月20日) 実施期間: 2002年3月1日～2005年2月28日
 改訂履歴: 原案2001年7月13日、第1次改訂2002年11月28日 ターゲット・グループ: モデル地域の主として初等・中等教育の教員

上位目標	プロジェクトの要約	指標	指標データ入手手段	外部条件
プロジェクトによって提唱された認証制度による教育訓練コースの実施と新しいアプローチによる教育活動の促進が教育省のICTマスタープランの達成に向けて拡大する	プロジェクトが教育訓練コース、webによる教育訓練(WBT)開発、と広報活動を通じて促進する主として初等・中等学校でのICT適用法がモデル地域で普及する	<ol style="list-style-type: none"> 標準化された認証教育訓練コースが教員の能力向上に関連した期間で定常的に実施される プロジェクトが提唱するWBT教材が学校で使用される 	<ol style="list-style-type: none"> モニタリング・評価調査団による質問表・モニタリング調査 一同一 	
プロジェクト目標	プロジェクトが教育訓練コース、webによる教育訓練(WBT)開発、と広報活動を通じて促進する主として初等・中等学校でのICT適用法がモデル地域で普及する	<ol style="list-style-type: none"> 教育訓練コースにより習得したICTが訓練受講者の80%によって、環境の整っている場合に適用される 5 NFECでの訓練コースやプロジェクトの広報活動により提唱された適用方法が学校から積極的に評価される 	<ol style="list-style-type: none"> 質問表・モニタリング調査 一同一 	教育省(MOE)が認証制度による教員の広域実施を決定する 成果(品)レベルと同様の条件
成果(品)	<ol style="list-style-type: none"> ITEEdプロジェクトによるターゲット・グループを対象としたモデル認証制度及び教育におけるWBT利用方法が確立・明確化され広報される バンコクセンターが認証制度運営の計画、調整、支援組織として機能する 実務的かつ効果的な標準化された教育訓練コースが整備され更新される 	<ol style="list-style-type: none"> ICT訓練の認証制度と教育におけるWBT利用が関連する機関と人々によく認識される 関連する人々がバンコクセンターの活動に満足する 訓練コース関連書類、一般教材及び適用コースのライブラリーが確立する 更新された標準カリキュラム、教育訓練法、及び教材が5か所のNFECによって使用される 教育訓練修了者が教育内容及び教育方法の実用性を評価する C/Pが特定教育訓練コース整備の能力を有する 	<ol style="list-style-type: none"> 1.1 合同評価による定期的モニタリングと調査 2.1 関連する人々へのモニタリング調査 2.2 webへのアクセス記録 3.1 定期的モニタリング調査と評価 3.2 訓練修了者への質問表調査 3.3 3.1に同じ 	モデル地域の学校へのコンピュータ設備とソフトの配備がMOEの見込みどおりに進む モデル地域の学校へのネットワーク整備がMOEの見込みどおりに進む ICTを利用した方リキュラムがMOEの見込みどおり作成される

<p>4. 5か所のNFECが確立された実務的かつ効果的認証訓練コースを実施する</p> <p>5. バンコクセンターがNECTECと共同でWBT教材を作成する能力を有する</p>	<p>4.1 教員を主とする3,000人が5か所のNFECでの教育訓練を修了する</p> <p>4.2 訓練修了者がコースを積極的に評価する</p> <p>5.1 最低4つの学習管理システム(Learning Management System: LMS)付WBT教材が開発される</p> <p>5.2 C/Pがニーズ調査を含むWBT教材作成の管理・運営能力を有する</p>	<p>4.1 合同評価による定期的モニタリングと調査</p> <p>5.1 プロジェクト書類と外部の認証</p> <p>5.2 チェックリストと外部の認証</p>	<p>ICT教育のキャリアキラムがMOEの見込みどおり作成される</p> <p>ICTをつかった教材が簡単に手に入られる</p>
<p>活動</p> <p>0.1 バンコクセンター設立と5か所のNFECにおいて教育訓練設備及び内部・広域ネットワークの確立</p> <p>0.2 プロジェクト組織の確立</p> <p>0.3 教育訓練設備及びネットワークの維持管理</p> <p>1.1 認証制度の組織制度にかかわる枠組みの形成</p> <p>1.2 認証制度にかかわるGIS調査を含むニーズ調査</p> <p>1.3 認証制度の確立</p> <p>1.4 教育におけるWBT利用の明確化</p> <p>1.5 セミナーや催し物を含む認証制度の広報促進</p> <p>1.6 認証制度の評判に関するモニタリング</p> <p>1.7 広報促進活動の改善</p> <p>2.1 バンコクセンターの必要とされる機能の明確化</p> <p>2.2 機能に対応したC/Pの能力養成</p> <p>2.3 Output 1 (認証システムの確立と広報)の中心的役割の実施</p> <p>2.4 Output 3 (標準コースの確立と更新)の計画及び調整・実施活動</p> <p>2.5 Output 4の円滑な実施のための支援活動</p> <p>2.6 Output 5の計画、調整、実施</p> <p>2.7 5か所のNFECでプロジェクト支援を行っているJOCV隊員の調整</p> <p>2.8 バンコクセンター及び5か所のNFECの教室設備とネットワークの維持管理にかかわるマネージメント</p> <p>2.9 標準コース及び主として初等・中等学校でのICT利用の普及のためのwebライブラリーの確立と運営</p>	<p>投入 (日本側)</p> <p>1. 長期専門家: 1) チーフアドバイザー 2) テクニカル・コーディネーター 3) テクニカル・コーディネーター (教育担当)</p> <p>2. 短期専門家: 5名 1) カリキュラム作成/ (コースA・B・C) 2) WBT教材作成並びに学校でのICT利用分野 (プロジェクト実施期間内で合計40人/月を限度とする)</p> <p>3. 機材: 1) カリキュラム開発用 (PC、サーバー並びに関連ソフト) 2) 教育訓練用 (PC、サーバー並びに関連ソフト) 3) 移動教室の4つ分の自動車と機材</p> <p>4. 日本でのC/P研修: 年間0~3名</p> <p>5. JOCV隊員: 5名 (1名×5か所)</p>	<p>C/Pが自分たちの職場にとどまる</p> <p>MOEとNECTECの意思疎通と調整が適切になされる</p> <p>バンコクセンターと5か所のNFECの責任分担が適切に行われる</p>	<p>ICT教育のキャリアキラムがMOEの見込みどおり作成される</p> <p>ICTをつかった教材が簡単に手に入られる</p>

<p>3.1 認証コースのためのニーズ調査</p> <p>3.2 ICT教育訓練に関する概念の形成</p> <p>3.3 コース開発のためのC/Pの能力養成</p> <p>3.4 コースのカリキュラム開発</p> <p>3.5 コース教材の開発</p> <p>3.6 コース改善のためのコース実施にかかわるモニタリング</p> <p>3.7 研修修了者のモニタリング</p> <p>3.8 コースと教材の改善</p> <p>4.1 コース実施のための教育訓練内容の理解、必要なICT技術・技能・知識の習得等にかかわるC/Pの能力養成</p> <p>4.2 移動教室を含むコース実施スケジュールの計画</p> <p>4.3 適切な参加者の募集</p> <p>4.4 教育訓練コースの実施</p> <p>4.5 コース実施上の小さな範囲での改善</p> <p>4.6 実施結果とその条件、参加者の反応等、コース改善のためのバンコクセンターへのフィードバック</p> <p>4.7 教室施設とネットワークの維持管理</p> <p>4.8 ICT利用の促進を含む研修修了者のフォローアップ</p> <p>4.9 バンコクセンターへの報告を含むフォローアップ活動内容の教育訓練コースへのフィードバック</p> <p>5.1 WBT教材の内容づくりのためのC/Pの能力養成</p> <p>5.2 WBT教材にかかわるニーズ調査</p> <p>5.3 WBT教材作成に必要な技術の見極め</p> <p>5.4 LMSを含むWBT教材作成技術習得のためのC/Pの能力養成</p> <p>5.5 LMSを装備したWBT教材の作成</p> <p>5.6 認定コースへのフィードバック</p>	<p>(タイ側)</p> <p>1. C/P要員</p> <p>1) 管理業務対応C/P: 13名</p> <p>2) 開発対応技術C/P (在バンコク): 9名</p> <p>3) モデル地域での教育訓練コース対応技術C/P: 20名 (4名×5か所)</p> <p>2. 施設</p> <p>1) 教育訓練・開発室、日本人専門家用事務所 (家具と支給品付) (バンコク)</p> <p>2) 5か所のNFECでの教育訓練室 (サーバー室・倉庫付) 及びChonburiとRachaburiのNFEC向けの必要な教育訓練・管理用の機材・ソフト</p> <p>3. ローカルコスト:</p> <p>1) 運営・経常並びに維持管理費用</p>
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