

添 付 資 料

## 添 付 資 料

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フィリピン国結核対策強化計画基本設計調査団 団員名簿

Member List of Basic Design Study

on the Project for the Establishment of the National Tuberculosis Reference Laboratory  
in the Republic of the Philippines

- |  |   |
|--|---|
| 1. 須知 雅史：総括<br>（財）結核予防会 結核研究所                          | Dr. Suchi Masashi: Leader<br>Chief, Project Development & Management Division<br>Department of International Cooperation<br>The Research Institute of Tuberculosis<br>Japan Anti-Tuberculosis Association |
| 2. 平井 利奈：計画管理<br>JICA 無償資金協力業務部業務<br>第2グループ            | Ms. Hirai Rina: Coordinator<br>Second Project Management Division<br>Grant Aid Management Department<br>Japan International Cooperation Agency (JICA)   |
| 3. 川崎 正三：業務主任 / 建築計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル | Mr. Kawasaki Shozo: Project Manager<br>Pacific Consultants International  |
| 4. 宮武 一弘：建築設計<br>（株）パシフィック コンサルタンツ<br>インターナショナル        | Mr. Miyatake Kazuhiro: Architect<br>Pacific Consultants International   |
| 5. 鎌形 亜土：設備計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル        | Mr. Kamagata Ado: Facilities & Utilities Planner<br>Pacific Consultants International   |
| 6. 今里 悠一：機材計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル        | Mr. Imasato Yuichi: Equipment Planner<br>Pacific Consultants International  |
| 7. 加藤 宏承：施工調達計画 / 積算<br>（株）パシフィック コンサルタンツ<br>インターナショナル | Mr. Kato Hirotsugu: Construction, Cost &<br>Procurement Planner<br>Pacific Consultants International  |
| 8. 平井 奈美：業務調整 / 建築計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル | Ms. Hirai Nami: Coordinator/Architect<br>Pacific Consultants International  |

フィリピン国結核対策強化計画基本設計概要説明調査団員名簿  
Basic Design Study on the Project for  
The Establishment of the National Tuberculosis Reference Laboratory  
in the Republic of the Philippines  
(Draft Explanation)

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|---|--|
| 1. 須知 雅史：総括<br>（財）結核予防会 結核研究所                           | Dr. Suchi Masashi: Team Leader<br>Chief, Project Development & Management Division<br>Department of International Cooperation<br>The Research Institute of Tuberculosis<br>Japan Anti-Tuberculosis Association |
| 2. 角河 良江：計画管理   | Ms. Kakugawa Yoshie: Coordinator<br>Japan International Cooperation Agency (JICA)  |
| 3. 川崎 正三：業務主任 / 建築計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル  | Mr. Kawasaki Shozo: Project Manager<br>Pacific Consultants International   |
| 4. 宮武 一弘：建築設計<br>（株）パシフィック コンサルタンツ<br>インターナショナル         | Mr. Miyatake Kazuhiro: Architect<br>Pacific Consultants International  |
| 5. 後藤 俊三：構造設計<br>（株）パシフィック コンサルタンツ<br>インターナショナル         | Mr. Goto Shunzo: Structural Planner<br>Pacific Consultants International   |
| 6. 鎌形 亜土：設備計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル         | Mr. Kamagata Ado: Facilities & Utilities Planner<br>Pacific Consultants International  |
| 7. 井元 知明：設備計画<br>伊藤喜三郎建築研究所                             | Mr. Imoto Chiaki: Facilities and Utilities Planner<br>K. ITO Architects & Engineers Inc.   |
| 8. 今里 悠一：機材計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル         | Mr. Imasato Yuichi: Equipment Planner<br>Pacific Consultants International   |
| 9. 中谷 浩明：機材仕様<br>（株）パシフィック コンサルタンツ<br>インターナショナル         | Mr. Nakatani Hiroaki: Equipment Planner<br>Pacific Consultants International   |
| 10. 加藤 宏承：施工調達計画 / 積算<br>（株）パシフィック コンサルタンツ<br>インターナショナル | Mr. Kato Hirotsugu: Construction, Cost &<br>Procurement Planner<br>Pacific Consultants International   |
| 11. 平井 奈美：建築計画 / 業務調整<br>（株）パシフィック コンサルタンツ<br>インターナショナル | Ms. Hirai Nami: Architect / Coordinator<br>Pacific Consultants International   |

1-3. 調査団員氏名（成果概要説明調査）

フィリピン国結核検査所設立計画基本設計成果概要説明調査団員名簿  
Basic Design Study on the Project for  
The Establishment of the National Tuberculosis Reference Laboratory  
in the Republic of the Philippines  
(Explanation on Draft Final Report)

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|----|---|--|
| 1. | 須知 雅史：総括<br>（財）結核予防会 結核研究所                          | Dr. Suchi Masashi: Team Leader<br>Chief, Project Development & Management Division<br>Department of International Cooperation<br>The Research Institute of Tuberculosis<br>Japan Anti-Tuberculosis Association |
| 2. | 小森 正勝：計画管理  | Mr. Masakatsu Komori: Coordinator<br>Japan International Cooperation Agency (JICA)   |
| 3. | 川崎 正三：業務主任 / 建築計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル | Mr. Kawasaki Shozo: Project Manager<br>Pacific Consultants International   |
| 4. | 宮武 一弘：建築設計<br>（株）パシフィック コンサルタンツ<br>インターナショナル        | Mr. Miyatake Kazuhiro: Architect<br>Pacific Consultants International  |
| 5. | 後藤 俊三：構造設計<br>（株）パシフィック コンサルタンツ<br>インターナショナル        | Mr. Goto Shunzo: Structural Planner<br>Pacific Consultants International   |
| 6. | 鎌形 亜土：設備計画<br>（株）パシフィック コンサルタンツ<br>インターナショナル        | Mr. Kamagata Ado: Facilities & Utilities Planner<br>Pacific Consultants International  |
| 7. | 加藤 宏承：施工調達計画 / 積算<br>（株）パシフィック コンサルタンツ<br>インターナショナル | Mr. Kato Hirotsugu: Construction, Cost &<br>Procurement Planner<br>Pacific Consultants International   |

2-1. 調査日程表（基本設計調査）

[1] 基本設計調査（1999年9月21日～10月20日）

No	月 日	工 程	業 務 の 概 要
1	9月21日 火曜日	成田(9:55) マニラ(13:40) JL741 (川崎、宮武、今里、鎌形、平井) 16:00 JICA 事務所	表敬訪問、打合せ(吉田氏)
2	9月22日 水曜日	10:00 TBCS 事務所 13:00 DOH プロ技事務所	表敬訪問、打合せ 表敬訪問、打合せ
3	9月23日 木曜日	10:00 RITM	表敬訪問、打合せ、 既存施設および敷地調査
4	9月24日 金曜日	マニラ(7:30) セブ(8:45) (川崎、宮武、今里、鎌形、平井) 10:00 CRL  15:30 RHU (Liloan, Cebu) 16:30 Mandaue City Health Office	表敬訪問、打合せ、活動内容その他について のヒアリング 地域レベルでの結核対策の視察 地域レベルでの結核対策の施設
		成田(9:55) マニラ(13:40) JL741 (加藤) 16:00 PCI マニラ事務所	資料収集
5	9月25日 土曜日	8:00 収集資料分析、団内打合せ セブ(18:25) マニラ(19:40) (川崎、宮武、今里、鎌形、平井)	
6	9月26日 日曜日	PCI マニラ事務所	団内打合せ、資料整理
7	9月27日 月曜日	8:00 PCI マニラ事務所 11:00 RITM	資料整理・分析 サイト調査
8	9月28日 火曜日	9:00 RITM	サイト調査、分科会
9	9月29日 水曜日	8:00 PCI マニラ事務所 官団員 NRT(9:55) MNL(13:40) JL741 14:30 マニラ日本大使館 16:30 JICA 事務所	資料整理・分析 表敬訪問、打合せ(福田一等書記官) 表敬訪問、打合せ(黒柳次長、吉田氏)
10	9月30日 木曜日	(官団員、川崎、宮武、今里) 9:30 NEDA 10:45 WPRO/WHO 11:00 WPRO/WHO	表敬訪問(Mr. Micael Angelo Provido) 表敬訪問、打合せ(Dr. Richard Nesbit) 表敬訪問(Dr. Dongil AHN)
		(鎌形、加藤、平井) 10:45 TBCS/DOH	打合せ (Dr. Nora Cruz)
		13:30 OPHS-DOH	表敬訪問 (Undersecretary Milagros Fernandez)
		14:00 FACS-DOH	表敬訪問(Director Remedios Paulino)
		14:30 TBCS-DOH 16:00 DOH 16:30 プロ技事務所	表敬訪問(Dr. Mariquita Mantala 及び TBCS の関連スタッフ) 表敬訪問(Secretary Alberto Romualdez, Jr.) 詳細協議
11	10月1日 金曜日	9:00 RITM	表敬訪問(Dr. Remigio Olveda, Director, RITM)
		9:30 RITM	詳細協議
		13:00 BFAD (川崎)	表敬訪問(Dr. William Torres, Director)
		13:00 RITM (宮武、今里、鎌形、加藤、平井)	詳細協議、サイト調査
12	10月2日 土曜日	9:00 PCI マニラ事務所 成田(9:55) マニラ(13:40) JL741 (管団員到着)	団内打合せ、資料整理・分析

## 2-1. 調査日程表（基本設計調査）

No	月 日	工 程	業 務 の 概 要
13	10月3日 日曜日	PCI マニラ事務所	団内打合せ、資料整理・分析
14	10月4日 月曜日	9:00 DOH	合同打合せ(TBCS, BRL, FACS, RITM, DOH Infrastructure Service & NEDA) (要請内容についての確認、協議)
15	10月5日 火曜日	9:00 DOH (官団員、川崎、宮武、今里、鎌形、加藤、平井)	合同打合せ(TBCS, BRL, RITM, DOH) (要請内容についての確認、協議)
		13:00 DOH (官団員、川崎、宮武、今里、平井)	
		13:00 Health Infrastructure Service(INF), DOH (鎌形、加藤)	関連機関打合せ、調査
16	10月6日 水曜日	9:00 DOH (官団員、川崎、宮武、今里、平井)	Minutes of Discussion に関する協議
		9:00 INF, DOH (鎌形、加藤)	関連機関打合せ、調査
		17:00 PCI マニラ事務所	資料整理、分析
17	10月7日 木曜日	8:30 PCI マニラ事務所 (宮武、鎌形、加藤、平井)	資料整理、分析
		9:00 JICA 事務所 (官団員、川崎、今里)	中間報告(黒柳氏)
		13:30 DOH (官団員、川崎、今里、平井)	Minutes of Discussion 署名
		13:30 RITM (鎌形、加藤)	サイト調査(INFと共同)
		16:00 PCI マニラ事務所 (宮武、今里、鎌形、加藤、平井)	資料整理、分析
18	10月8日 金曜日	8:30 PCI マニラ事務所 (宮武、今里、鎌形、加藤、平井)	資料整理、分析
		9:00 マニラ日本大使館 (官団員、川崎) 官団員 マニラ(14:30) 成田(19:40) JL742	大使館への報告(福田一等書記官)
		12:30 PCI マニラ事務所 <sup>で</sup> 合流(川崎)	内部打ちあわせ、資料分析
		13:00 RITM (鎌形、加藤)	サイト調査
19	10月9日 土曜日	8:00 PCI マニラ事務所 (川崎、今里、宮武、鎌形、加藤、平井)	資料整理、分析
20	10月10日 日曜日	PCI マニラ事務所	団内打合せ、資料整理
21	10月11日 月曜日	8:30 Laguna Provincial Hospital, Laguna Provincial Chest Center (宮武、今里)	類似関連施設調査
		14:00 RITM (川崎、今里、宮武、鎌形、加藤)	詳細協議
22	10月12日 火曜日	9:00 RITM (今里、鎌形、加藤) 8:30 PCI マニラ事務所(川崎、宮武)	詳細協議
23	10月13日 水曜日	8:30 RITM(川崎、宮武、今里)	詳細協議
		9:00 建設事情調査(鎌形、加藤)	建築事情調査
		14:00 DOH (川崎、今里、宮武、鎌形、加藤)	DOH との協議
24	10月14日 木曜日	13:00 RITM(今里、鎌形) マニラ(14:30) 成田(19:40) JL742 (川崎)	詳細協議 帰国移動

## 2-1. 調査日程表（基本設計調査）

25	10月15日 金曜日	11:00 INF, DOH (宮武、鎌形、加藤) 8:00 PCI マニラ事務所(今里)	詳細協議協議
26	10月16日 土曜日	9:00 PCI マニラ事務所 (宮武、今里、鎌形、加藤)	団内打合せ、資料整理分析
27	10月17日 日曜日	9:00 PCI マニラ事務所	団内打合せ、資料整理分析
28	10月18日 月曜日	14:00 TBCS 事務所(宮武、今里、鎌形、) 15:00 DOH プロ技事務所(同上) 19:00 INF(同上)	確認、打合せ 調査終了報告 確認、打合せ
29	10月19日 火曜日	9:00 RITM(宮武、今里、鎌形、加藤) 16:00 JICA(同上)	確認、打合せ 調査終了報告
30	10月20日 水曜日	10:00 日本大使館(宮武、今里) マニラ(14:30) 成田(19:40) JL742 (宮武、今里、鎌形、加藤)	調査終了報告 帰国移動



## 2-2. 調査日程表 (概要説明調査)

## [2] 基本設計概要説明調査 (1999年12月1日~12月25日)

No	月 日	工 程	業 務 の 概 要
1	12月1日 水曜日	成田(9:55) マニラ(13:40) JL741 (川崎、宮武、今里、鎌形、平井) 16:00 JICA 事務所	表敬訪問
2	12月2日 木曜日	9:00 NEDA 10:30 OPHS - DOH 13:30 DOH 16:00 JICA 事務所	表敬訪問、打合せ 表敬訪問、打合せ 合同協議 (w/ TBCS, RITM, BRL) 打合せ
3	12月3日 金曜日	9:00 RITM 13:00 PCI マニラ事務所	表敬訪問、打合せ 資料分析、整理
4	12月4日 土曜日	10:00 PCI マニラ事務所	収集資料分析、団内打合せ
5	12月5日 日曜日	成田(9:55) マニラ(13:40) JL741 (後藤、井元、中谷)	団内打合せ、資料整理
6	12月6日 月曜日	8:30 PCI マニラ事務所 13:00 American Standard 14:00 RITM	資料整理・分析 設備機器調達事情調査 サイト調査
7	12月7日 火曜日	8:30 PCI マニラ事務所 13:00 マカティ市内	資料整理・分析 建設材料調査
8	12月8日 水曜日	8:30 PCI マニラ事務所 13:00 INF - DOH	資料整理・分析 打合せ
9	12月9日 木曜日	(川崎、宮武、後藤、平井) 8:30 PCI マニラ事務所 11:00 生コン工場 (UNICON) 14:00 鉄骨工場 (APCON) 18:00 PCI マニラ事務所	資料整理・分析 資料整理・分析 建設材料調査 建設材料調査 資料整理・分析
		(鎌形、井元、今里、中谷) 10:00 MERALCO 13:30 PCI マニラ事務所	インフラ事情調査 資料整理・分析
10	12月10日 金曜日	9:00 RITM 13:00 Fire Authority in Alabang 16:30 PCI マニラ事務所	詳細協議 打合せ 資料整理・分析
11	12月11日 土曜日	9:00 PCI マニラ事務所	団内打合せ、資料整理・分析
12	12月12日 日曜日	成田(9:55) マニラ(13:40) JL741 (加藤)	団内打合せ、資料整理・分析
13	12月13日 月曜日	8:30 PCI マニラ事務所	資料整理・分析
		(鎌形、井元、今里、加藤) 14:00 RITM	詳細協議
		(平井) 15:00 PTTC - DOH 16:00 TBCS - DOH	ヒアリング ヒアリング、資料収集
14	12月14日 火曜日	マニラ(9:00) 成田(13:55) JL746 (中谷)	帰国移動
		成田(9:55) マニラ(13:40) JL741 (官団員)	
		(官団員、川崎、宮武、今里) 15:00 日本大使館 16:30 JICA 事務所	表敬訪問、打合せ 表敬訪問、打合せ

## 2-2. 調査日程表（概要説明調査）

No	月 日	工 程	業 務 の 概 要
15	12月15日 水曜日	9:00 DOH	Minutes of Discussion に関する協議
		(後藤、鎌形、井元、今里、加藤、平井) 15:00 PCI マニラ事務所	資料整理、分析
		(川崎、宮武) 16:00 DOH	打合せ
16	12月16日 木曜日	(後藤、鎌形、井元、今里、加藤、平井) 9:00 RITM	資料整理、分析
		(官団員、川崎、宮武) 9:00 RITM	打合せ
		11:30 BPS 担当設計事務所	打合せ
		15:30 RITM	打合せ
		17:30 PCI マニラ事務所	資料整理、分析
17	12月17日 金曜日	(後藤、鎌形、井元、今里、加藤) 8:30 PCI マニラ事務所	資料整理、分析
		13:00 RITM	詳細協議
		(官団員、川崎、宮武、平井) 10:00 DOH	
		13:00 DOH 14:30 NEDA	Minutes of Discussion 署名 打合せ
		16:30 JICA 事務所	報告、打合せ
18	12月18日 土曜日	(川崎、宮武、平井) 9:00 PCI マニラ事務所	資料整理、分析
		(今里、鎌形、加藤) ベンゲット州立病院現場	類似案件現場視察
19	12月19日 日曜日	マニラ(9:00) 成田(13:55) JL746 (後藤、井元)	帰国移動 団内打合せ、収集資料分析
20	12月20日 月曜日	(川崎、宮武、今里、鎌形、加藤、平井) 8:30 PCI マニラ事務所 (官団員、川崎、宮武、今里) 10:00 大使館	中間報告
21	12月21日 火曜日	8:30 PCI マニラ事務所	資料分析
		(宮武、加藤) 10:00 RITM	詳細協議
		(今里、平井) 14:00 PTTC-DOH	協議、ヒアリング
22	12月22日 水曜日	8:30 PCI マニラ事務所	資料分析
		(宮武、加藤、平井) 11:00 鉄板工場	建設材料調査
23	12月23日 木曜日	8:30 PCI マニラ事務所	資料分析
		(川崎、宮武、加藤) 9:00 RITM (Filinvest)	詳細協議
		(今里、鎌形) 14:00 Copylandia	機材調達事情調査
24	12月24日 金曜日	8:30 PCI マニラ事務所	資料分析
		(川崎、宮武) 9:00 JICA フィリピン事務所	調査報告
		(鎌形、加藤) 9:00 INF-DOH	詳細協議
25	12月25日 土曜日	マニラ(9:00) 成田(13:55) JL746 (川崎、宮武、鎌形、今里、加藤、平井)	帰国移動

## 2-3. 調査日程表 (成果概要説明調査)

## [3] 基本設計成果概要説明調査 (2000年3月13日~4月6日)

No	月 日	工 程	業 務 の 概 要
1	3月13日 月曜日	成田(9:55) マニラ(13:40) JL741 (川崎、宮武、後藤、鎌形、加藤) 17:30 JICA 事務所	表敬訪問
2	3月14日 火曜日	9:20 NEDA 10:45 DOH 14:30 DOH	表敬訪問、打合せ 表敬訪問、打合せ 合同協議 (w/ TBCS, RITM)
3	3月15日 水曜日	9:20 RITM 13:00 RITM	表敬訪問、打合せ 打合せ
4	3月16日 木曜日	8:30 PCI マニラ事務所 14:00 INF	資料整理・分析 表敬訪問、打合せ
5	3月17日 金曜日	8:30 PCI マニラ事務所 14:00 INF 15:00 RITM	資料整理・分析 打合せ 打合せ
6	3月18日 土曜日	8:30 PCI マニラ事務所	団内打合せ、資料整理・分析
7	3月19日 日曜日	PCI マニラ事務所	資料整理
8	3月20日 月曜日	10:00 INF 13:00 PCI マニラ事務所	打合せ 団内打合せ、資料整理・分析
9	3月21日 火曜日	マニラ(9:15) 成田(14:25) JL746 (後藤) 8:30 PCI マニラ事務所	帰国移動 団内打合せ、資料整理・分析
10	3月22日 水曜日	8:30 PCI マニラ事務所 13:00 女性職業訓練センター	団内打合せ、資料整理・分析 建設事情調査
11	3月23日 木曜日	8:30 PCI マニラ事務所 13:30 RITM	団内打合せ、資料整理・分析 合同協議 (w/MERALCO, INF, RITM)
12	3月24日 金曜日	8:30 RITM 16:00 PCI マニラ事務所	活動状況調査 団内打合せ、資料整理・分析
13	3月25日 土曜日	8:30 PCI マニラ事務所	団内打合せ、資料整理・分析
14	3月26日 日曜日	PCI マニラ事務所	資料整理
15	3月27日 月曜日	8:30 PCI マニラ事務所	団内打合せ、資料整理・分析
16	3月28日 火曜日	成田(9:55) マニラ(13:40) JL741 (官団員) 15:00 マニラ日本大使館 17:00 JICA 事務所	打合せ 打合せ
17	3月29日 水曜日	10:00 DOH 15:00 PCI マニラ事務所	打合せ 資料整理・分析
18	3月30日 木曜日	9:30 RITM 13:00 PCI マニラ事務所	Minutes of Discussions 署名 資料整理・分析
19	3月31日 金曜日	9:30 JICA 事務所 11:00 マニラ日本大使館 マニラ(14:55) 成田(19:25) JL742 (官団員)	中間報告 中間報告

## 2-3. 調査日程表 (成果概要説明調査)

No	月 日	工 程	業 務 の 概 要
20	4月1日 土曜日	マニラ(9:00) 成田(13:55) JL746 (鎌形) 8:30 PCI マニラ事務所	帰国移動 国内打合せ、資料整理・分析
21	4月2日 日曜日	PCI マニラ事務所	資料整理
22	4月3日 月曜日	8:30 PCI マニラ事務所	資料分析
23	4月4日 火曜日	8:30 PCI マニラ事務所 15:30 DOH	資料分析 Minutes of discussions 署名
24	4月5日 水曜日	9:00 JICA 事務所  13:00 家具工場	帰国報告 建築調達事情調査
25	4月6日 木曜日	マニラ(9:00) 成田(13:55) JL746 (川崎、宮武、加藤)	帰国移動

[1] 面談者リスト (1999年9月21日～10月10日)1. 日本大使館

福田 光 : 一等書記官

2. 在フィリピン JICA 事務所

黒柳 俊之 : 次長  
 吉田 友哉 : 業務班  
 有本 祐子 : 業務班

3. JICA プロ技事務所

遠藤 昌一 : Chief Advisor, DOH-JICA Tuberculosis Control Project  
 小原 克美 : Project Coordinator, DOH-JICA Tuberculosis Control Project  
 Amy Fay Abiera : Secretary  
 Fannie Grace Borja : Technical Assistant  
 Maricel Trono : Technical Assistant

4. NEDA

Mr. Michael Angelo Provido : Sr. Economic Department Specialist  
 Ms. Vanessa Agnes F. Dimaano : Economic Development Specialist  
 Zenaida F. Leonardo : CEDS (Chief Economic Department Specialist)

5. WHO

Dr. Richard Nesbit : Director, Programme Management, WHO  
 Dr. Dongil AHN : Medical Officer, Tuberculosis, WHO

6. DOH

Dr. Alberto G. Romualdez, JR. : Secretary of Health  
 Dr. Gigi Domingo : Head Executive Assistant  
 Dr. Milagros Fernandez : Undersecretary, office of Public Health Service

7. TBCS

Dr. Mariquita J. Mantala : Director  
 Dr. Jaime Yap Lagahid : Medical Officer  
 Dr. Nora Serapio-Cruz : Head, Plans & Program Division  
 Medical Specialist  
 Dr. Rosalind G. Vianzon : Medical Specialist  
 Ms. Paz Rostrata : Medical Technologist

8. RITM (Research Institute for Tropical Medicine)

Dr. Remigio M. Olveda : Director  
 Dr. Gemiliano D. Aligui : Assistant Director, MD, MPH, PhD  
 Dr. Socorro P. Lupisan : Head, Research and Training Division

### 3-1. 相手国関係者リスト (基本設計調査)

Dr. Noel G. Macalalad : Medical Specialist , TB Study Group  
Dr. Rosario Z. Capeding : Head, Department of Microbiology  
Ms. Rowena Capistrano : Social Scientist, Paramedical Research Division  
Ms. Lydia T. Sombrero : Head, Bacteriology Section  
Ms. Norma Dabu : Head, Accounting Department  
Ms. Marjorie Damasco : Dormitory Manager  
Ms. Ester Romano : Administration Officer  
Ms. Eliza La Valle : Secretary  
Mr. Jose Nolan M. Vicente : Biomedical Engineer  
Mr. Arnel C. Alinabon : Maintenance Engineer,  
P. P. Ramos Construction & Gem. Serv. Inc.

#### 9. Health Infrastructure Service, DOH

Arch. Rebecca Peñafiel : Director  
Eng. Maximo A. Adan Jr. : Civil Engineer  
Eng. Ramon T. Alfonso : Electrical Engineer  
Eng. Carlos Bariring : Mechanical Engineer  
Eng. Grace Cañeja : Sanitary Engineer  
Eng. Eric R. Gutierrez : Mechanical Engineer  
Arch. Tomas P. Gahol : Architect  
Arch. Ferdinand A. Laverinto : Architect  
Arch. Ariel D. Magbanua : Architect  
Arch. Annabelle C. Sotto : Architect

#### 10. BRL

Dr. Marilyn Pajel-Calilung : Chief, Bacteriology Section  
Medical Specialist  
Ms. Ellen Castillo : Medical Technologist

#### 11. FACS

Ms. Remedios Paulino : Director  
Ms. Jocelyn Sosito : Project Evaluation Officer

#### 12. Muntinlupa Fire Station FD ,NCK

Mr. Sfoi Desiderio S Vasquez : Fire Safety Inspector Chief, Investigation and Intelligent  
Section

#### 13. Cebu TB Reference Laboratory & Cebu Chest Center (RFO )

Dr. Elaine R. Teleron : Medical Specialist / Regional TB Coordinator  
Ms. Joji Ann Fanlo : Medical Technologist /TB Reference Laboratory  
Ms. Lucy Aguiman : Medical Technologist / TB Reference Laboratory  
Ms. Agnes Herrera : Medical Technologist / TB Reference Laboratory

### 3-1. 相手国関係者リスト (基本設計調査)

Dr. Enrique Sancho : Medical Specialist / Cebu Chest Center  
Ms. Nyree Dawn Cañete : Technical Assistant, DOH-JICA TB Control Project

#### 14. Liloan RHU (Rural Health Unit), Cebu Province

Dr. Francisco E. Dela Cuesta, Jr. : Health Officer  
Ms. Lucrecia M. Berioso : Nurse / DOH Representative  
Ms. Annabelle V. Buot : Medical Technologist  
Ms. Nenita A. Avenido : Nurse

#### 15. Mandaue City Health Office, Cebu Province

Ms. Maria Edna L. Cortes : Medical Technologist  
Ms. Melle C. Pereg : Medical Technologist  
Mr. Rey C. Mendoza : Medical Technologist

#### 16. Laguna Provincial Chest Center, Laguna Provincial Hospital

Dr. Alsaneo F. Lagos : Chief of Hospital  
Dr. Niela D. Jorvina : Pediatrician, RHP-DOH Representative  
Dr. Ramon B. Carlos : Medical Specialist-Internal Medicine  
Mr. Rio Lorina M. Arocena : Medical Technologist  
Ms. Evelyn Dorado-Mariano : Administrative Officer

#### 17. MERALCO (Sta. Losa District, Sta. Losa Laguna)

Mr. Joce A. Acejas : Project Engineer

[2] 面談者リスト (1999年12月1日～12月25日)1. 日本大使館

福田 光 : 一等書記官

2. 在フィリピン JICA 事務所

小野 英男 : 所長  
 黒柳 俊之 : 次長  
 吉田 友哉 : 業務班

3. JICA プロ技事務所

遠藤 昌一 : Chief Advisor, DOH-JICA Tuberculosis Control Project  
 大角 晃弘 : Advisor, DOH-JICA Tuberculosis Control Project  
 小原 克美 : Project Coordinator, DOH-JICA Tuberculosis Control Project  
 Amy Fay Abiera : Secretary  
 Fannie Grace Borja : Technical Assistant  
 Maricel Trono : Technical Assistant

4. NEDA

Ms. Leni A. Magalit : Senior Economic Development Specialist  
 Ms. Vanessa Agnes F. Dimaano : Economic Development Specialist

5. DOH

Dr. Jesus E. Abella : Director, Communicable Disease Control Service,  
 Officer-in-charge-of Office for Public Health Service

6. TBCS

Dr. Jaime Yap Lagahid : Medical Officer  
 Dr. Nora Serapio-Cruz : Head, Plans & Program Division  
 Medical Specialist  
 Dr. Rosalind G. Vianzon : Medical Specialist  
 Ms. Paz Rostrata : Medical Technologist

7. RITM (Research Institute for Tropical Medicine)

Dr. Remigio M. Olveda : Director  
 Dr. Gemiliano D. Aligui : Assistant Director, MD, MPH, PhD  
 Dr. Socorro P. Lupisan : Head, Research and Training Division  
 Ms. Lydia T. Sombrero : Head, Bacteriology Section  
 Mr. Jose Nolan M. Vicente : Biomedical Engineer

8. Health Infrastructure Service, DOH

Arch. Rebecca Peñafiel : Director  
 Eng. Ramon T. Alfonso : Electrical Engineer



### 3-2. 相手国関係者リスト (概要説明調査)

Eng. Eric R. Gutierrez : Mechanical Engineer

Eng. Abraham S. Castinaga : Sanitary Engineer

Arch. Annabelle C. Sotto : Architect

#### 9. BRL

Dr. Marilyn Pajel-Calilung : Chief, Bacteriology Section  
Medical Specialist

Ms. Ellen Castillo : Medical Technologist

#### 10. Muntinlupa Fire Station FD ,NCK

Mr. Danilo R. Ortiz : Chief

Mr. Sfoi Desiderio S Vasquez : Fire Safety Inspector Chief, Investigation and Intelligent  
Section

#### 11. MERALCO (Sta. Losa District, Sta. Losa Laguna)

Mr. Manolo B. Eusebio : Superintendent

Mr. Jose A. Acejas : Senior Project Engineer

Mr. Ray Anthony V. Rodriguez : Engineer

#### 12. LLDA (Laguna Lake Development Authority)

Eng. Jocelyn G. Sta. Ana : Supervising Environmental Mgt. Specialist

Mr. Rommel S. Molod : Environmental Protection Division

#### 13. DENR (Department of Environment and Natural Resources)

Eng. Erlinda Gonzalez : Environmental Engineer

Eng. Reynaldo P. Alcances : Environmental Engineer

#### 14. UNICON PHINMA CONCRETE CORP.

Mr. Ernest V. Arcenas : Marketing Manager

Mr. Victor J. De Vera : AVP – Marketing

#### 15. APCON (A Pabiloña Construction and Development Corp.)

Mr. Antonio Pabiloña : President

#### 16. F. L. HONG ARCHITECTS & ASSOCIATES

Arch. Joan Therese Hong - Villamor : UAP

[3] 面談者リスト (2000年3月13日～4月6日)1. 日本大使館

三宅 邦明 : 二等書記官

2. 在フィリピン JICA 事務所

小野 英男 : 所長

黒柳 俊之 : 次長

吉田 友哉 : 業務班

3. JICA プロ技事務所

遠藤 昌一 : Chief Advisor, DOH-JICA Tuberculosis Control Project

小原 克美 : Project Coordinator, DOH-JICA Tuberculosis Control Project

Amy Fay Abiera : Secretary

Fannie Grace Borja : Technical Assistant

Maricel Trono : Technical Assistant

4. NEDA

Arlene S. Ruiz : Chief, Health, Nutrition and Family Planning Division

Dennis V. Villarta : Economic Development Specialist

Nelson Guevara : Economic Development Specialist , Public Investment Staff

5. DOH

Dr. Milagros Fernandez : Undersecretary, office of Public Health Service

6. TBCSDr. Nora Serapio-Cruz : Head, Plans & Program Division  
Medical Specialist

Dr. Rosalind G. Vianzon : Medical Specialist

Ms. Paz Rostrata : Medical Technologist

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Dr. Noel G. Macalalad : Medical Specialist , TB study Group

Ms. Lydia T. Sombrero : Head, Bacteriology Section

Mr. Jose Nolan M. Vicente : Biomedical Engineer

8. Health Infrastructure Service, DOH

Arch. Rebecca Peñafiel : Director

Eng. Eric R. Gutierrez : Mechanical Engineer

Eng. Abraham S. Castañaga : Sanitary Engineer

3-3. 相手国関係者リスト (概要説明調査)

Arch. Annabelle C. Sotto : Architect

9. MERALCO (Sta. Losa District, Sta. Losa Laguna)

Mr. Manolo B. Eusebio : Superintendent

Mr. Jose A. Acejas : Senior Project Engineer

MINUTES OF DISCUSSIONS  
ON THE BASIC DESIGN STUDY  
ON THE PROJECT FOR THE ESTABLISHMENT OF  
THE NATIONAL TUBERCULOSIS REFERENCE LABORATORY  
IN THE REPUBLIC OF THE PHILIPPINES

In response to a request from the Government of the Republic of the Philippines (hereinafter referred to as "the Philippines"), the Government of Japan decided to conduct a Basic Design Study on the Project for the Establishment of the National Tuberculosis Reference Laboratory in the Philippines (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the Philippines the Basic Design Study Team (hereinafter referred to as "the Team"), which is headed by Dr. Masashi Suchi, Chief, Project Development and Management Division, Department of International Cooperation, The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, and is scheduled to stay in the country from September 21 to October 20, 1999.

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

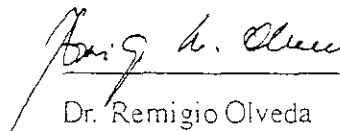
In the course of discussions and field survey, both sides confirmed the main items described on the attached sheets. The Team will proceed to further works and prepare the Basic Design Study Report.

Manila, October 7, 1999



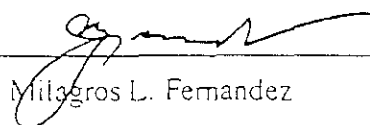
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Dr. Masashi Suchi  
Leader  
Basic Design Study Team  
Japan International Cooperation Agency



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Dr. Remigio Olveda  
Director  
Research Institute for Tropical Medicine  
Department of Health



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Dr. Milagros L. Fernandez  
Undersecretary for Office for Public Health Services  
Department of Health  
The Republic of the Philippines

## ATTACHMENT

### 1. Objective of the Project

The objective of the Project is to strengthen the National Tuberculosis Control Program in the Philippines by establishing of a national tuberculosis reference laboratory through construction of its facilities and procurement of laboratory equipment.

### 2. Project site

The site of the Project is located in the Research Institute for Tropical Medicine, the Department of Health Compound, Alabang, Muntinlupa City, the Philippines.

### 3. Responsible and Implementing Agency of the Government of the Philippines

3-1 The Responsible Agency is the Department of Health .

3-2 The Implementing Agency is the Research Institute for Tropical Medicine, the Department of Health.

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

After discussions with the Team, the following items were finally requested by the Government of the Philippines. JICA will assess the appropriateness of the request and will recommend to the Government of Japan for approval.

#### 4-1 Construction of the Buildings and Facilities

Details of items are listed in ANNEX-1.

#### 4-2 Procurement of the Equipment

Details of items are listed in ANNEX-2.

(Note: A=First Priority, B=Second Priority, C=Third Priority)

### 5. Japan's Grant Aid Scheme

5-1 The Government of the Philippines understands the Japan's Grant Aid Scheme explained by the Team, as described in ANNEX-3.

5-2 The Government of the Philippines will take necessary measures, as described in ANNEX-4, for smooth implementation of the Project, as a condition for the Japan's Grant Aid to be implemented.

### 6. Schedule of the Study

6-1 The consultant members of the Team will proceed to further studies in the Philippines until October 20, 1999.

6-2 JICA will prepare the draft report in English and dispatch a mission in order to explain its contents in December, 1999.

6-3 Based on the result of discussions of the draft report as mentioned in 6-2, JICA will proceed to further examination of the study results in Japan until March, 2000.

6-4 JICA will prepare the draft final report in English and dispatch a mission in order to explain its contents in March, 2000.

MS



## 7. Other relevant issues

- 7-1 The Team explained that the Study was consisted of two phases; Phase I and II . In Phase I, JICA will prepare the draft report which includes a basic concept of the Project and its basic design. In Phase II, JICA will prepare the draft final report which includes the engineering design on the basis of the study results of Phase I. The final report will be completed by JICA through integration of the study results of both Phase I and II.
- 7-2 The Government of the Philippines and the Team confirmed that functions of the National Tuberculosis Reference Laboratory will be (a) training and supervision, (b) quality assurance of sputum smear examination, and (c) operational research.
- 7-3 The Government of the Philippines and the Team agreed on the establishment of a committee, which will ensure the attainment of the objectives of the National Tuberculosis Reference Laboratory.
- 7-4 The Government of the Philippines shall allocate the budget and assign personnel necessary for operation and maintenance of facilities and equipment.
- 7-5 The Department of Health, the Government of the Philippines shall be responsible for the execution of the Project on the basis of all documents and designs agreed by both Governments.
- 7-6 The Government of the Philippines shall complete the implementation of the following undertakings by the commencement of the construction : (a) demolishing and clearance of the existing facilities and utilities except the new well within the proposed site for the construction shown in ANNEX-5, and (b) leveling of ground in the site for construction.
- 7-7 The Government of the Philippines requested the Team to include general furniture in the undertakings by the Government of Japan, and the Team agreed to explain it to the Government of Japan.
- 7-8 The Government of the Philippines will submit answers to the questionnaire which the Team handed by October 13, 1999.

US



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## Requested Items for Facility

The contents of the request finally submitted by the Philippine Government regarding the facilities at the National Tuberculosis Reference Laboratory.

No.	Facilities
1	Routine Laboratory
2	Preparation Room (for Washing & Sterilization)
3	Preparation Room (for Media & Reagent)
4	Laboratory for Culture and Sensitivity Test
5	Staff Room (w/dressing space)
6	Meeting Room(s)
7	Data Analysis Room
8	Lecture Room (w/partition)
9	Multi-purpose Room
10	Training Laboratory
11	Preparation Room (for Teaching Materials)
12	Advisory Staff Room
13	Local Management Staff Office
14	Conference Room
15	Storage(s)

Note 1. Both sides confirm that the facility mentioned above includes the related common spaces such as corridors, comfort rooms and machine room, and the necessary utilities such as electricity, water supply, sewage and telecommunication etc. The details of such common spaces and utilities will be discussed further between the Japanese and the Philippine governments.

2. The size and capacity of the facility will be determined after further studies.

*M. O. O.*

*HS*

*[Signature]*  
A-21

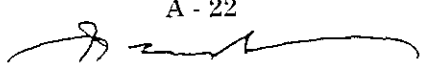
REQUESTED EQUIPMENT

ANNEX-2

ROOMS	ITEMS	Q'TY set(s)	PRIORITY
Routine Lab	Lab tables and chairs	***	A
Routine Lab	Refrigerator	1	A
Routine Lab	Safety cabinet	1	A
Routine Lab	Thermostatic water bath	1	A
Routine Lab	Microscope	4	A
Routine Lab	Fluorescent microscope	1	A
Routine Lab	Medical cabinet	1	A
Routine Lab	Glassware etc	1	A
Prep Rm (W&S)	Lab tables and chairs	***	A
Prep Rm (W&S)	Ultrasonic pipette washer	1	A
Prep Rm (W&S)	Glassware dryer	1	A
Prep Rm (W&S)	Autoclave	1	A
Prep Rm (W&S)	Hot air sterilizer	1	A
Prep Rm (W&S)	Medical cabinet	1	A
Prep Rm (W&S)	Glassware etc	1	A
Prep Rm (M&R)	Lab tables and chairs	***	A
Prep Rm (M&R)	Refrigerator	1	A
Prep Rm (M&R)	Coagulator	1	A
Prep Rm (M&R)	Distilling apparatus	1	A
Prep Rm (W&S)	Balance (fine)	1	A
Prep Rm (M&R)	Balance (coarse)	1	A
Prep Rm (W&S)	Magnetic stirrer	1	B
Prep Rm (M&R)	Medical cabinet	1	A
Prep Rm (M&R)	Glassware etc	1	A
Culture Lab	Lab tables and chairs	***	A
Culture Lab	Pharmaceutical refrigerator	1	A
Culture Lab	Safety cabinet	1	A
Culture Lab	Incubator	2	A
Culture Lab	Centrifuge	1	A
Culture Lab	Deep freezer	1	A
Culture Lab	Microscope	1	A
Culture Lab	Autoclave	1	B
Culture Lab	Safety pipetter	1	B
Culture Lab	Medical cabinet	1	A
Culture Lab	Glassware etc	1	A

p. 1/2

*MS*





## REQUESTED EQUIPMENT

ROOMS	ITEMS	Q'TY set(s)	PRIORITY
Staff Rm	Computer complete system	1	A
Staff Rm	Copier w/ sorter	1	A
Staff Rm	Printing machine	1	A
Staff Rm	Binder	1	B
		-	
Meeting Rm	Overhead projector	1	A
Meeting Rm	Screen	1	A
Meeting Rm	White board	1	B
Data Analysis Rm	Computer complete system	2	A
Lecture Rm	Slide projector	1	A
Lecture Rm	Sound system	1	A
Lecture Rm	Overhead projector	1	A
Lecture Rm	Projector for computer	1	B
Lecture Rm	TV/Video system	1	B
Training Rm	Lab tables and chairs	***	A
Training Rm	Safety cabinet	2	A
Training Rm	Safety cabinet	1	B
Training Rm	Autoclave	1	A
Training Rm	Microscope	15	A
Training Rm	Teaching microscope(5-head)	1	A
Training Rm	Teaching microscope	1	B
Training Rm	Loopcinerator	16	B
Training Rm	Camera	1	B
Training Rm	Medical cabinet	1	A
Training Rm	Glassware etc	1	A
Prep Rm (Training)	White board	1	B
Prep Rm (Training)	Overhead projector	1	A
Prep Rm (Training)	Screen	1	A
NA	Vehicle	1	B

\*\*\*: Quantities to be decided when detailed lab plan is completed

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## Japan's Grant Aid Scheme

### 1. Grant Aid Procedures

1) Japan's Grant Aid Program is executed through the following procedures.

Application	(Request made by a recipient country)
Study	( Basic Design Study conducted by JICA)
Appraisal & Approval	(Appraisal by the Government of Japan and Approval by Cabinet)
Determination of Implementation	(The Notes exchanged between the Governments of Japan and the recipient country)

2) Firstly, the application or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA (Japan International Cooperation Agency) to conduct a study on the request.

Secondly, JICA conducts the study (Basic Design Study), using (a) Japanese consulting firm(s).

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Program, based on the Basic Design Study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes signed by the Governments of Japan and the recipient country.

Finally, for the implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

### 2. Basic Design Study

#### 1) Contents of the Study

The aim of the Basic Design Study (hereafter referred to as "the Study"), conducted by JICA on a requested project (hereafter referred to as "the Project") is to provide a basic document necessary for the appraisal of the Project by the Japanese Government. The contents of the Study are as follows:

- a) Confirmation of the background, objectives, and benefits of the requested Project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation.
- b) Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, social and economic point of view.
- c) Confirmation of items agreed on by both parties concerning the basic concept of the Project.
- d) Preparation of a basic design of the Project
- e) Estimation of the costs of the Project

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The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid Project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations in the recipient country through the Minutes of Discussions.

## 2) Selection of Consultants

For the smooth implementation of the Study, JICA uses (a) registered consultant firm(s). JICA selects (a) firm(s) based on proposals submitted by interested firms. The firm(s) selected carry (ies) out the Basic Design Study and write(s) a report, based upon terms of reference set by JICA. The consulting firm(s) used for the Study which is (are) recommended by JICA to the recipient country to also work on the Project's implementation after the Exchange of Notes, in order to maintain technical consistency.

## 3. Japan's Grant Aid Scheme

### 1) What is Grant Aid ?

The Grant Aid Program provides a recipient country with non-reimbursable funds needed to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under the principals in accordance with the relevant laws and regulations of Japan. Grant Aid is not supplied through the donation of materials as such.

### 2) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged by the two Governments concerned, in which the objectives of the Project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

3) "The period of the Grant Aid" means the one fiscal year in which the Cabinet approves the Project for. Within the fiscal year, all procedure such as exchanging of the Notes, concluding contracts with (a) consultant firm(s) and (a) contractor(s) and final payment to them must be completed. However in case of delays in delivery, installation or construction due to unforeseen factors such as weather, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

4) Under the Grant Aid, in principle, Japanese products and services including transport or those of the recipient country are to be purchased.

When both Governments deem it necessary, the Grant Aid may be used for the purchase of the products or services of the third country.

However the prime contractors, namely, consulting contracting and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

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5) Necessity of "Verification"

The Government of recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.

6) Undertakings required of the Government of recipient country

In the implementation of the Grant Aid Project, the recipient country is required to undertake such necessary measures as the following:

- a) To secure land necessary for the sites of the Project and to clear, level and reclaim the land prior to commencement of the construction.
- b) To provide facilities of the distribution of electricity, water supply and drainage and other incidental facilities in and around the sites.
- c) To secure buildings prior to the procurement in case the installation of the equipment.
- d) To ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid.
- e) To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts.
- f) To accord Japanese nationals whose services may be required in connection with the supply of the products and services under the Verified contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.

7) "Proper Use"

The recipient country is required to maintain and use the facilities constructed and the equipment purchased under the Grant Aid properly and effectively and to assign the necessary staff for operation and maintenance of them as well as to bear all the expenses other than those covered by the Grant Aid.

8) "Re-export"

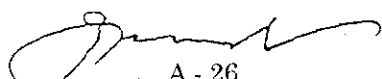
The products purchased under the Grant Aid shall not be re-exported from the recipient country.

9) Banking Arrangements (B/A)

- a) The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in a bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the Verified Contracts.
- b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an authorization to pay issued by the Government of the recipient country or its designated authority.

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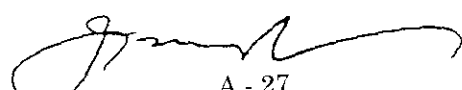


## Major Undertakings to be taken by Each Government

NO	Items	To be covered by Japanese Govt.	To be covered by Philippine Govt.
1	To secure land		●
2	To clear, level and reclaim the site when needed		●
3	To construct gates and fences in and around the site		●
4	To construct the parking lot	●	
5	To construct roads		
	1) Within the site	●	
	2) Outside the site		●
6	To construct the building		
	1) Design of the building	●	
	2) Procurement of the contractor (Tendering)		●
	3) Construction of the building	●	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
	1) Electricity		
	a. The distributing line to the site		●
	b. The drop wiring and internal wiring within the site	●	
	c. The main circuit breaker and transformer	●	
	2) Water Supply		
	a. The city water distribution main to the site		●
	b. The supply system within the site (receiving and/or elevated tanks)	●	
	3) Drainage		
	a. The city drainage main (for storm, sewer and others) to the site		●
	b. The drainage system (for toilet sewer, ordinary waste, storm drainage and others) within the site	●	
	4) Gas Supply		
	a. The gas supply main to the facility		●
	b. The gas supply system within the facility	●	
	5) Telephone System		
	a. The telephone trunk line to the main distribution frame (MDF) of the building		●
	b. The MDF and the extension after the frame panel	●	
6) Furniture and Equipment			
a. General furniture		●	
b. Project equipment	●		

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	To bear the following commissions to a bank of Japan for the banking services based upon the B/A		
8	1) Advising commission of A/P		●
	2) Payment commission		●
	To ensure prompt unloading and customs clearance at the port of disembarkation in recipient country		
9	1) Marine (Air) transportation of the products from Japan to the recipient country	●	
	2) Tax exemption and customs clearance of the products at the port of disembarkation		●
	3) Internal transportation from the port of disembarkation to the project site	(●)	(●)
10	To accord Japanese nationals whose services may be required in connection with the supply of the products and the services under the verified contract such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work		●
11	To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contract		●
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid		●
13	To bear all the expenses, other than those to be borne by the Grant Aid, necessary for construction of the facilities as well as for the transportation and installation of the equipment		●

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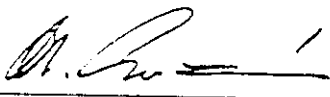
MINUTES OF DISCUSSIONS  
ON THE BASIC DESIGN STUDY  
ON THE PROJECT FOR THE ESTABLISHMENT OF  
THE NATIONAL TUBERCULOSIS REFERENCE LABORATORY  
IN THE REPUBLIC OF THE PHILIPPINES  
(EXPLANATION ON DRAFT REPORT)

In September 1999, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for the Establishment of the National Tuberculosis Reference Laboratory (hereinafter referred to as "the Project") to the Republic of the Philippines (hereinafter referred to as "the Philippines"), and through discussion, field survey, and technical examination of the results in Japan, JICA prepared a draft report of the Study.

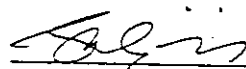
In order to explain and to consult the Philippine side on the components of the draft report, JICA sent to the Philippines the Draft Report Explanation Team (hereinafter referred to as "the Team"), which is headed by Dr. Masashi Suchi, Chief, Project Development and Management Division, Department of International Cooperation, The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, from December 1 to December 25, 1999.

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

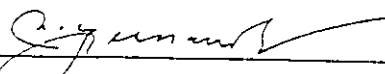
Manila, December 17, 1999



Dr. Masashi Suchi  
Leader  
Draft Report Explanation Team  
Japan International Cooperation Agency



Dr. Gemiliano Aligui  
Officer in Charge  
Research Institute for Tropical Medicine  
Department of Health



Dr. Milagros L. Fernandez  
Undersecretary for Office for Public Health Services  
Department of Health  
The Republic of the Philippines

## ATTACHMENT

### 1. Components of the Draft Report

The Government of the Philippines agreed and accepted in principle the components of the draft report explained by the Team. The finally agreed lists of facilities and equipment are attached to ANNEX-1 and ANNEX-2.

### 2. Japan's Grant Aid Scheme

The Philippine side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of the Philippines as explained by the Team and described in ANNEX-3 and ANNEX-4 of the Minutes of Discussions signed by both parties on October 7, 1999.

### 3. Schedule of the Study

- 3-1 The consultants will proceed to further examination of the study in Japan until March, 2000.
- 3-2 JICA will prepare the draft final report in English and dispatch a mission in order to explain its contents around March, 2000.
- 3-3 Based on the results of discussions of the draft final report, JICA will complete the final report and send it to the Government of the Philippines by June 2000.





## Required Rooms for Facility

No.	Facilities
1	Routine Laboratory
2	Preparation Room (for Washing & Sterilization)
3	Preparation Room (for Media & Reagent)
4	Laboratory for Culture and Sensitivity Test
5	Staff Room
6	Meeting Room
7	Data Analysis Room
8	Lecture Room (w/partition)
9	Multi-purpose Room
10	Training Laboratory
11	Preparation Room (for Teaching Materials)
12	Advisory Staff Room
13	Local Management Staff Office
14	Conference Room
15	Storage(s)

Note 1. Both sides confirm that the facility mentioned above includes the related common spaces such as corridors, comfort rooms and machine room, and the necessary utilities such as electricity, water supply, sewage and telecommunication etc.

2. The size and capacity of the facility will be determined after further studies.



U. S.



## PLANNED EQUIPMENT

ANNEX-2

ROOMS	ITEM NO.	ITEMS	QTY set(s)
Culture Lab	CL-1	Autoclave	1
Culture Lab	CL-2	Centrifuge	1
Culture Lab	CL-3	Deep freezer	1
Culture Lab	CL-4	Glassware etc	1
Culture Lab	CL-5	Incubator	2
Culture Lab	CL-6	Lab tables and chairs	1
Culture Lab	CL-7	Medical cabinet	1
Culture Lab	CL-8	Microscope	1
Culture Lab	CL-9	Pharmaceutical refrigerator	1
Culture Lab	CL-10	Safety cabinet	1
Culture Lab	CL-11	Safety pipetter	1
Culture Lab	TR-5-1	Loopcinerator	2
Data Analysis Rm	DA-1	Computer complete system	2
Lecture Rm	LR-1	Overhead projector	1
Lecture Rm	LR-2	Projector for computer	1
Lecture Rm	LR-3	Slide projector	1
Lecture Rm	LR-4	Sound system	1
Lecture Rm	LR-5	TV/Video system	1
Conference/Meeting Rms	MT-1	Overhead projector	1
Conference/Meeting Rms	MT-2	Screen	1
Meeting Rm	MT-3	White board	1
NA	VC-1	Vehicle	1
Prep Rm (M&R)	MR-1	Balance	1
Prep Rm (M&R)	MR-2	Balance	1
Prep Rm (M&R)	MR-3	Inspissator (Coagulator)	1
Prep Rm (M&R)	MR-4	Distilling apparatus	1
Prep Rm (M&R)	MR-5	Glassware etc	1
Prep Rm (M&R)	MR-6	Lab tables and chairs	1
Prep Rm (M&R)	MR-7	Magnetic stirrer	1
Prep Rm (M&R)	MR-8	Medical cabinet	1
Prep Rm (M&R)	MR-9	Refrigerator	1
Prep Rm (Training)	PR-3	White board	1

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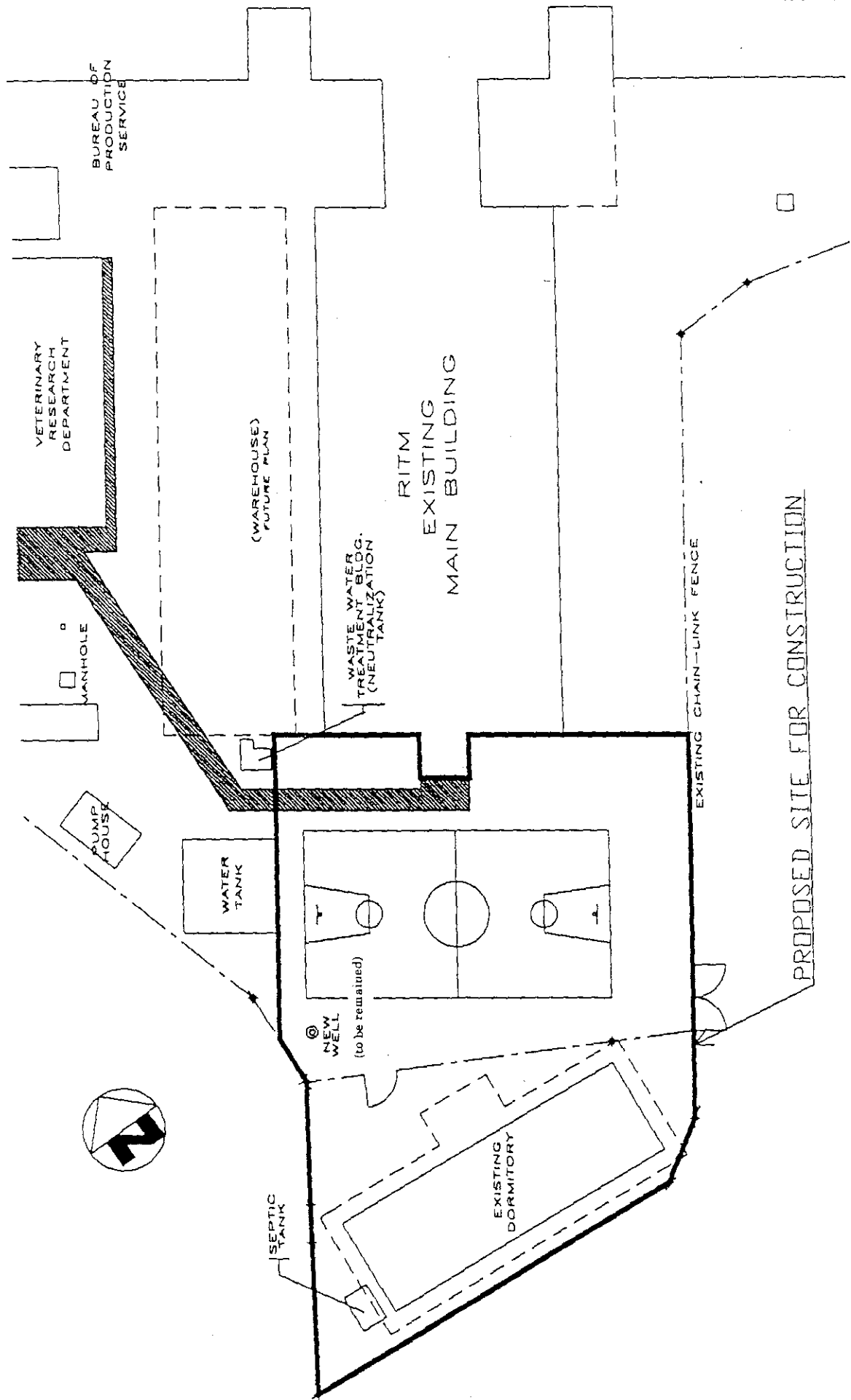
The Project for the Establishment of the National Reference Laboratory in the Republic of the Philippines

ROOMS	ITEM NO.	ITEMS	QTY set(s)
Prep Rm (W&S)	WS-1	Autoclave	1
Prep Rm (W&S)	WS-2	Glassware dryer	1
Prep Rm (W&S)	WS-7	Glassware etc	1
Prep Rm (W&S)	WS-3	Hot air sterilizer	1
Prep Rm (W&S)	WS-4	Lab tables and chairs	1
Prep Rm (W&S)	WS-5	Medical cabinet	1
Prep Rm (W&S)	WS-6	Ultrasonic pipette washer	1
Routine Lab	RL-1	Fluorescent microscope	1
Routine Lab	RL-2	Glassware etc	1
Routine Lab	RL-3	Lab tables and chairs	1
Routine Lab	RL-4	Medical cabinet	1
Routine Lab	RL-5	Microscope	4
Routine Lab	RL-6	Refrigerator	1
Routine Lab	RL-7	Safety cabinet	1
Routine Lab	RL-8	Thermostatic water bath	1
Routine Lab	TR-5-2	Loopcinerator	2
Staff Rm	SR-1	Binder	1
Staff Rm	SR-2	Computer complete system	1
Staff Rm	SR-3	Copier w/ sorter	1
Staff Rm	SR-4	Printing machine	1
Training Rm	TR-1	Autoclave	1
Training Rm	TR-2	Camera	1
Training Rm	TR-3	Glassware etc	1
Training Rm	TR-4	Lab tables and chairs	1
Training Rm	TR-5-3	Loopcinerator	6
Training Rm	TR-6	Medical cabinet	1
Training Rm	TR-7	Microscope	15
Training Rm	TR-8	Safety cabinet	2
Training Rm	TR-9	Safety cabinet	1
Training Rm	TR-10	Teaching microscope	1
Training Rm	TR-11	Teaching microscope	1

17, Dec. 1999

*J. A. S.*

*E*



SCALE 1:500 (Approx.)

Note: Exact Dimensions to be cleared with further survey

*Walters*

*A.S.*

*[Signature]*

MINUTES OF DISCUSSIONS  
ON BASIC DESIGN STUDY  
ON THE PROJECT FOR THE ESTABLISHMENT  
OF THE NATIONAL TUBERCULOSIS REFERENCE LABORATORY  
IN THE REPUBLIC OF THE PHILIPPINES  
(EXPLANATION ON DRAFT FINAL REPORT)

In December, 1999, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Draft Report Explanation Team on the Project for the Establishment of the National Tuberculosis Reference Laboratory (hereinafter referred to as "the Project") to the Republic of the Philippines (hereinafter referred to as "the Philippines"), and through discussion, field survey, and technical examination of the study results in Japan, JICA prepared a draft final report of the study.

In order to explain and to consult the Philippine side on the components of the draft final report, JICA sent to the Philippines the Draft Final Report Explanation Team (hereinafter referred to as "the Team"), which is headed by Dr. Masashi Suchi, Chief, Project Development and Management Division, Department of International Cooperation, The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association from March 13 to April 6, 2000.

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

Manila, March 30, 2000



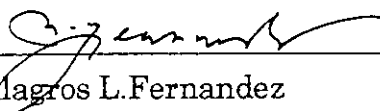
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Dr. Masashi Suchi  
Leader  
Draft Final Report Explanation Team  
Japan International Cooperation Agency



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Dr. Gemiliano Aligui  
Officer in Charge  
Research Institute for Tropical Medicine  
Department of Health



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Dr. Milagros L. Fernandez  
Undersecretary for Office for Public Health Services  
Department of Health

## ATTACHMENT

### 1.Components of the Draft Final Report

The Government of the Philippines agreed and accepted the components of the draft final report explained by the Team.

### 2.Japan's Grant Aid scheme

The Philippine side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of the Philippines as explained by the Team and described in Annex-3 and Annex-4 of the Minutes of Discussions signed by both parties on October 7, 1999.

### 3.Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of the Philippines by June, 2000.

### 4.Other relevant issues

4-1.The Department of Health, the Government of the Philippines shall be responsible for the execution of the Project on the bases of all document and designs agreed by both Governments.

4-2.The solid waste from NTRL shall be treated properly by the Philippine side.

4-3.The border between the BPS site and NTRL site shall be confirmed by both sides before the beginning of construction work of BPS, when border survey is conducted.

*Kh. S. En gy*

## The Project for the Establishment for the National Tuberculosis Reference Laboratory

## Extent of Works

Portions by the Japanese Side	Portions by the Philippines Side	Budget (Rough Estimation, Philippine P)
(1) Building Works Structural works, finishing works (2) Electrical Works Power-trunk facilities, lighting, power outlets, P/A systems (3) Utilities and Facilities a) Water Supply Providing water treatment system and related internal piping work b) Sewerage system including piping works up to the connection manhole c) Sewage treatment plant and neutralization plant d) Reserve water tank and elevated water tank e) Fire-extinguishing facilities f) Electrical supply and cabling work from low voltage receiving panel to service entrance g) Power Generator h) Telecommunication system Providing new PABX, telephones and wiring work i) Public address system Providing new amplifier and relevant work j) Local Area Network Providing new system k) Fire alarm system l) Lightning Protection System h) Lighting system in the site (4) Exterior Work Road, path and parking lots within the site (5) Equipment Equipment for research and training	(1) <u>Site Preparation</u> a) Ground preparation works: (Demolish the staff house, basketball court and fence, grading) b) Access Road (2) <u>External Works and Approach Roads</u> (Landscaping, planting, fence, etc within the Site) (3) <u>Utilities and Facilities</u> a) <u>Water Supply</u> Providing well water supply b) <u>Waste Drainage</u> Providing waste drainage piping c) <u>Storm Drainage</u> Relocating the existing piping and providing storm drainage piping d) <u>Electrical Work</u> Providing power supply e) <u>Telecommunication Work</u> Providing telephone line f) <u>Public address system</u> Connecting between the existing system and new system g) <u>Local Area Network</u> Connecting between the existing system and new system h) <u>Fire alarm system</u> Connecting between the existing system and new system (4) <u>General Furniture</u>	(1) (1) <u>Site Preparation</u> a) 286,815.27 b) 1,600,648.15 (2) <u>External Works</u> 184,629.82 (3) <u>Utilities and Facilities</u> 926,312.73 a) 253,090.91 b) 126,545.45 c) 63,272.73 d) 253,090.91 e) 63,272.73 f) 2,530.91 g) 75,927.27 h) 88,581.82 (4) <u>General Furniture</u> 294,218.18

Portions by the Japanese Side	Portions by the Philippines Side	Budget (Rough Estimation, Philippine P)
<p>(6) Electric Room, Electric Generator Room, Pump Room</p>	<p>(5) <u>Others</u>  a) Governmental works including the application for Governmental approvals and permissions  b) Smooth customs clearance, tax exemptions and prompt internal transportation for the imported construction materials and equipment  c) Commissions to the Japanese foreign exchange bank for its banking services based upon the Banking Arrangement namely the advising commission of the "Authorization to Pay" and payment commission  (5) Management, operation and maintenance cost for the new buildings and facilities  (6) Tax exemptions and necessary preferential treatment for the construction staff from Japan or a third country  (7) Smooth entry, re-entry and departure to/from the Philippines for the Japanese technical staff  (8) All expenses, other than those to be borne by the Japan's Grant Aid within the scope of the Project</p>	<p>(5) <u>Others</u>  a) DOH  b) by DOH  c) by DOH  (5) 2,482,800/Year  (6) by DOH  (7) by DOH  (8) by DOH</p>

**Total Required Budget 5,775,424.15 P**

(Include management, operation and maintenance cost for the new building and facilities in the First Year)



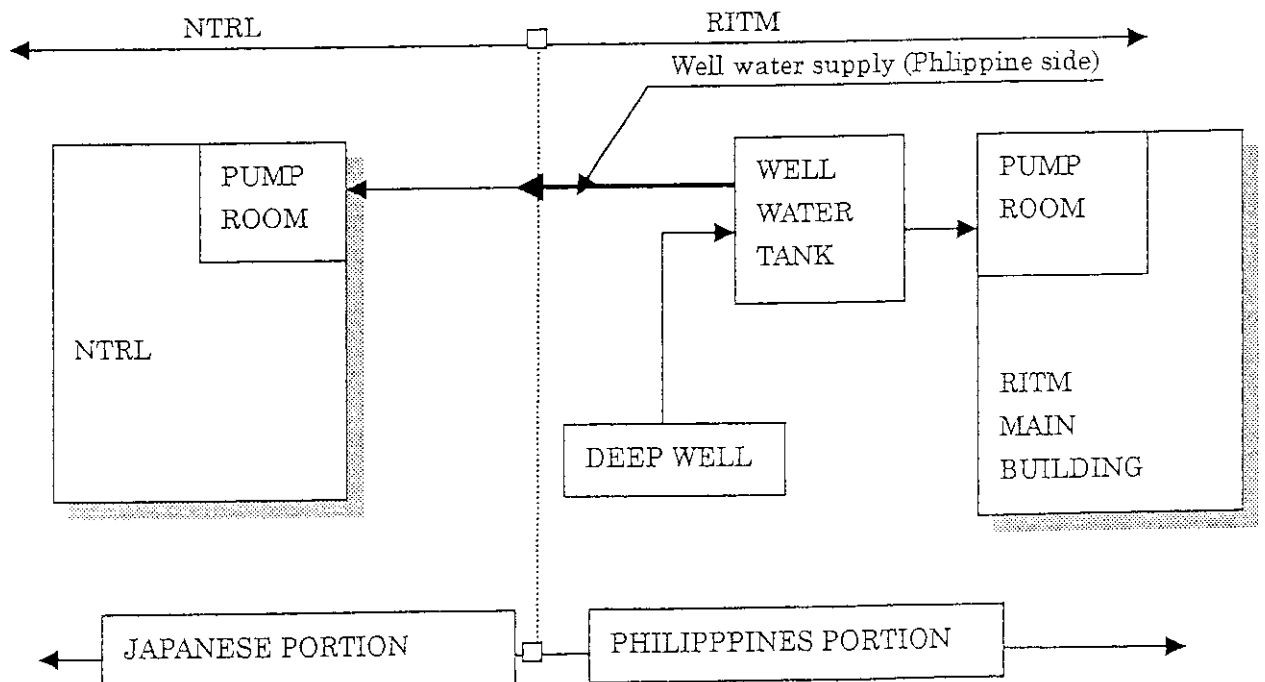
The Project for the Establishment for the National Tuberculosis Reference Laboratory  
 Scope of Work (Utilities)

1999.10.15

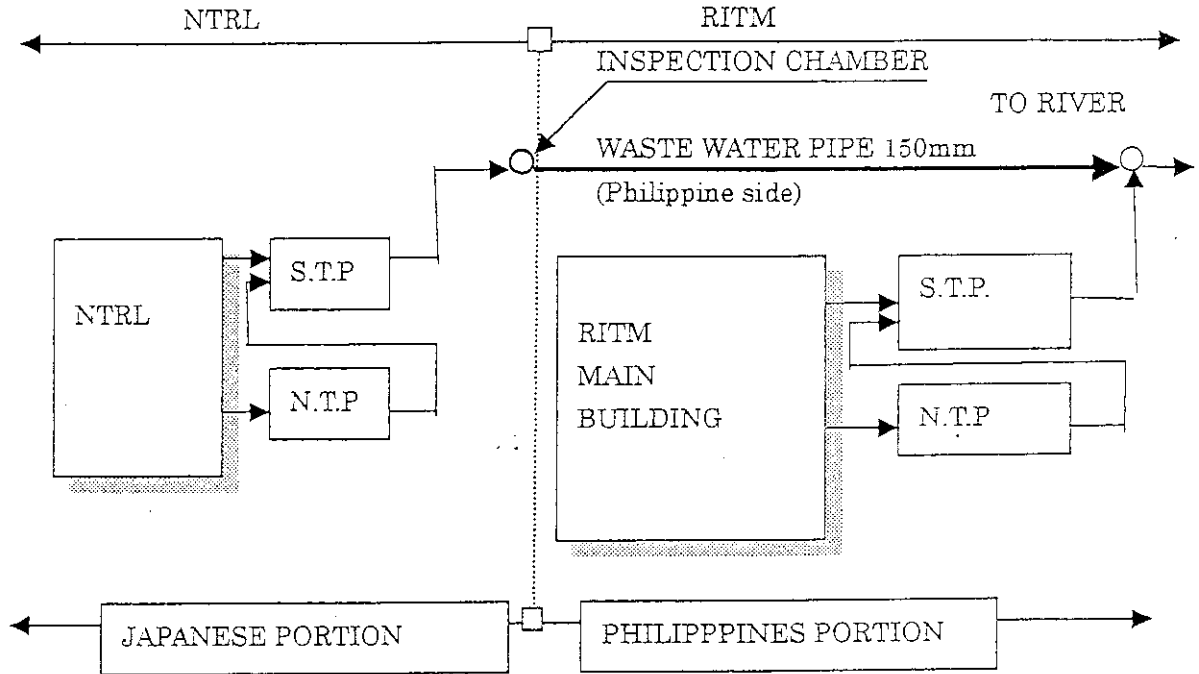
Items of Philippine side scope regarding utilities

- 1) Water supply : Providing well water piping work
- 2) Waste drainage : Providing waste drainage piping work
- 3) Storm drainage : Providing storm drainage piping work
- 4) Electrical power supply : Providing power supply
- 5) Telecommunication work : Providing telephone lines
- 6) Public address system : Connecting between the existing system and new one
- 7) Local area network : Connecting between the existing system and new one
- 8) Fire alarm system : Connecting between the existing system and new one

1) Water Supply System

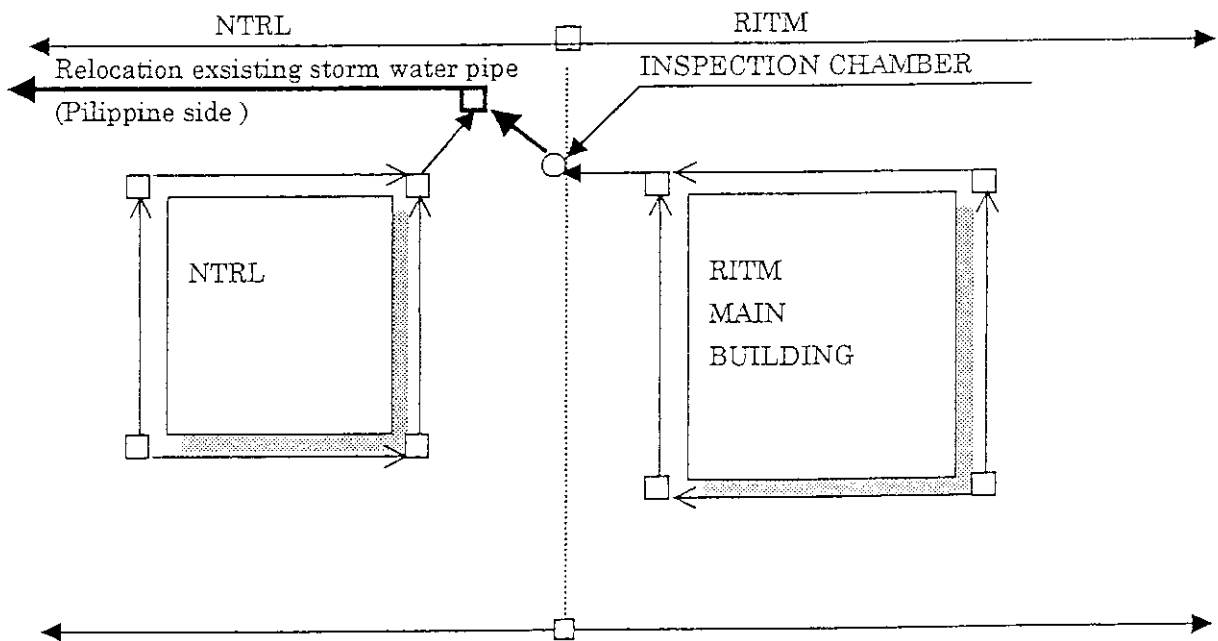


2) Waste Water System



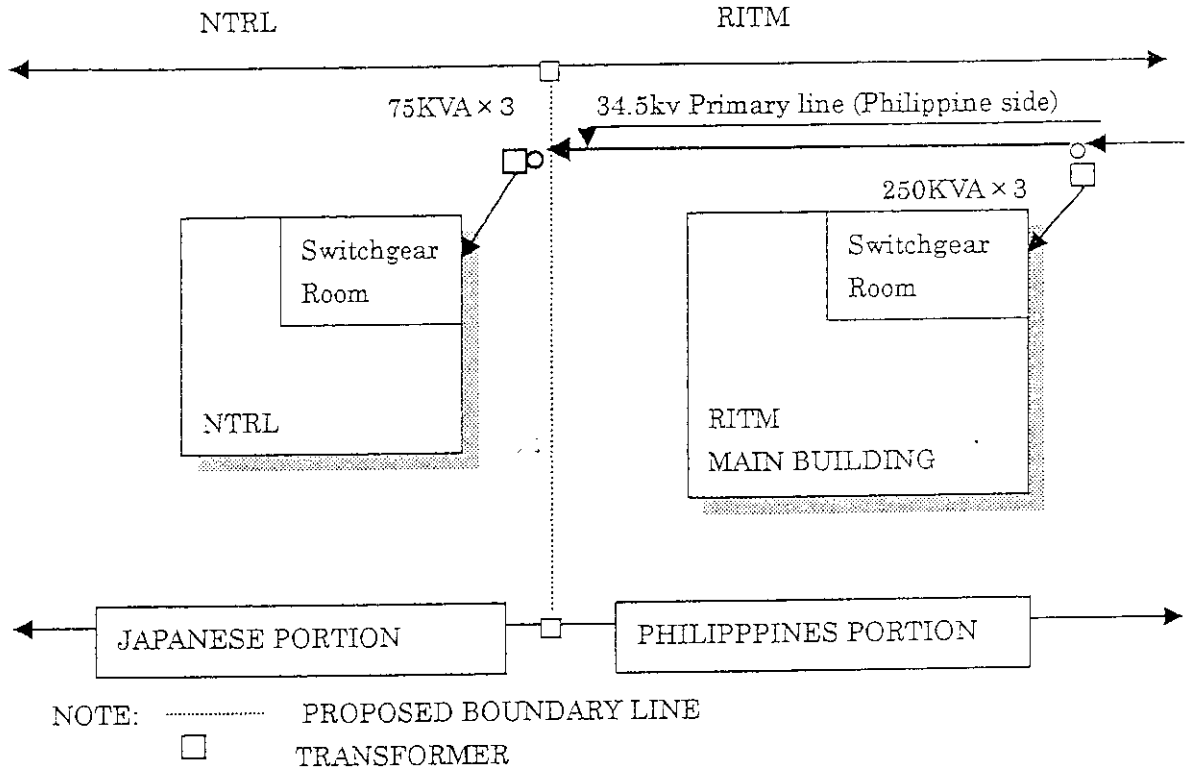
NOTE: S.T.P. SEWAGE WATER TREATMENT PLANT  
 N.T.P. NEUTRILIZATION PLANT

3) Storm Water System

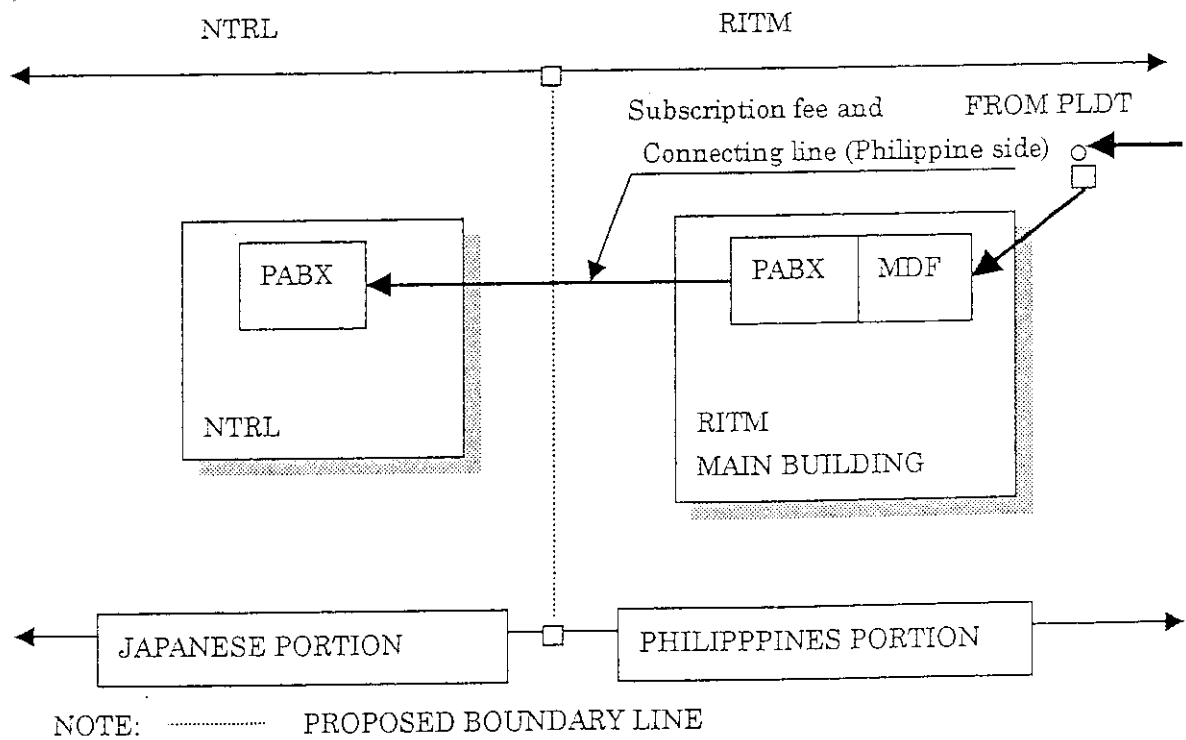


NOTE: - - - - - PROPOSED BOUNDARY LINE  
 □ INSPECTION CHAMBER

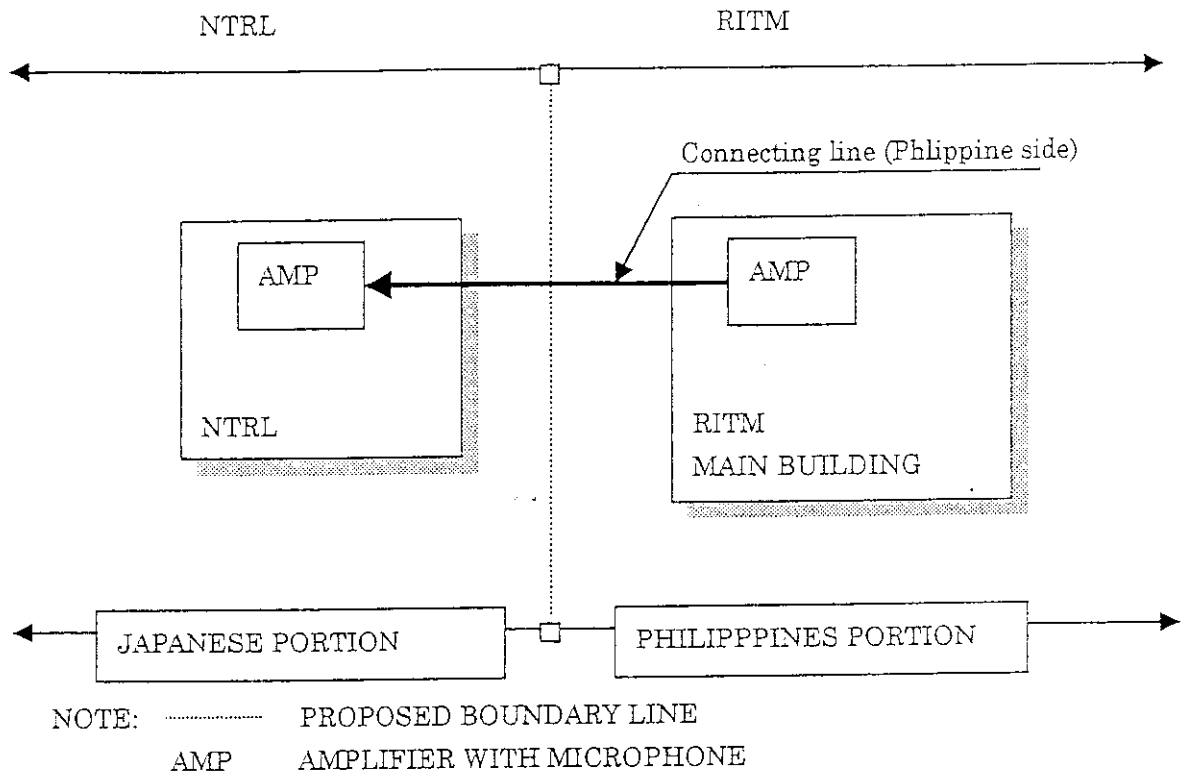
4) Electrical Power Supply



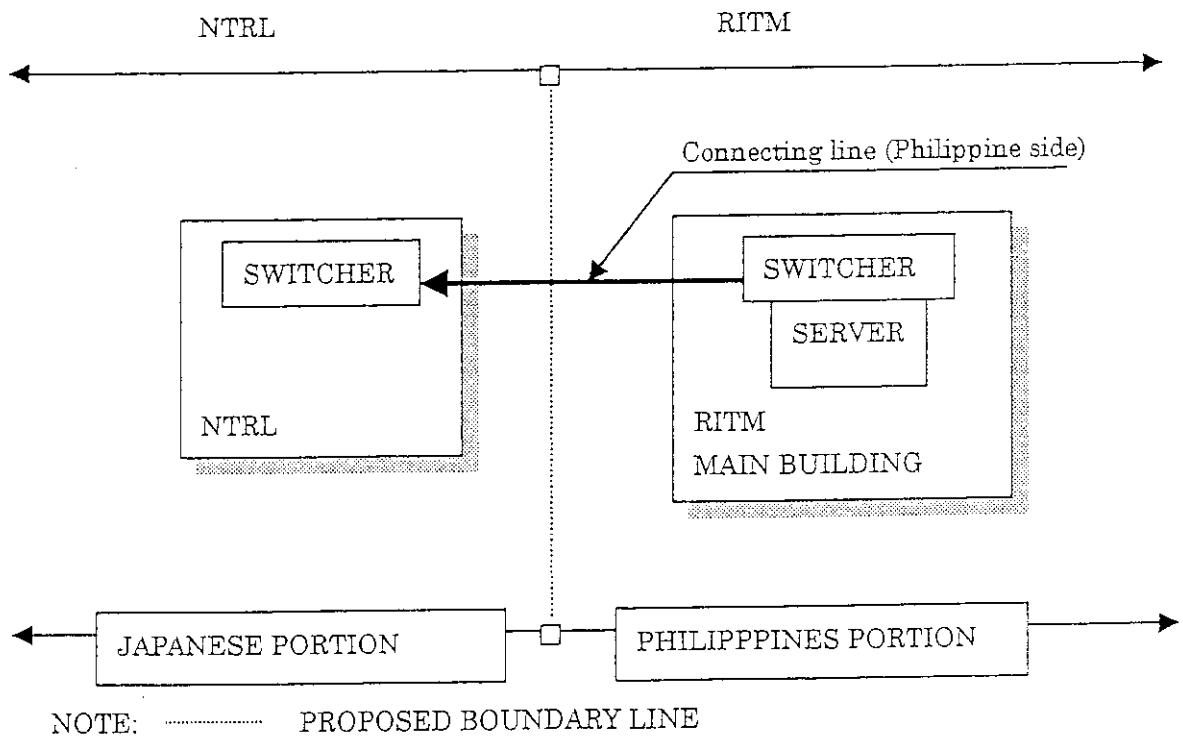
5) Telecommunication System



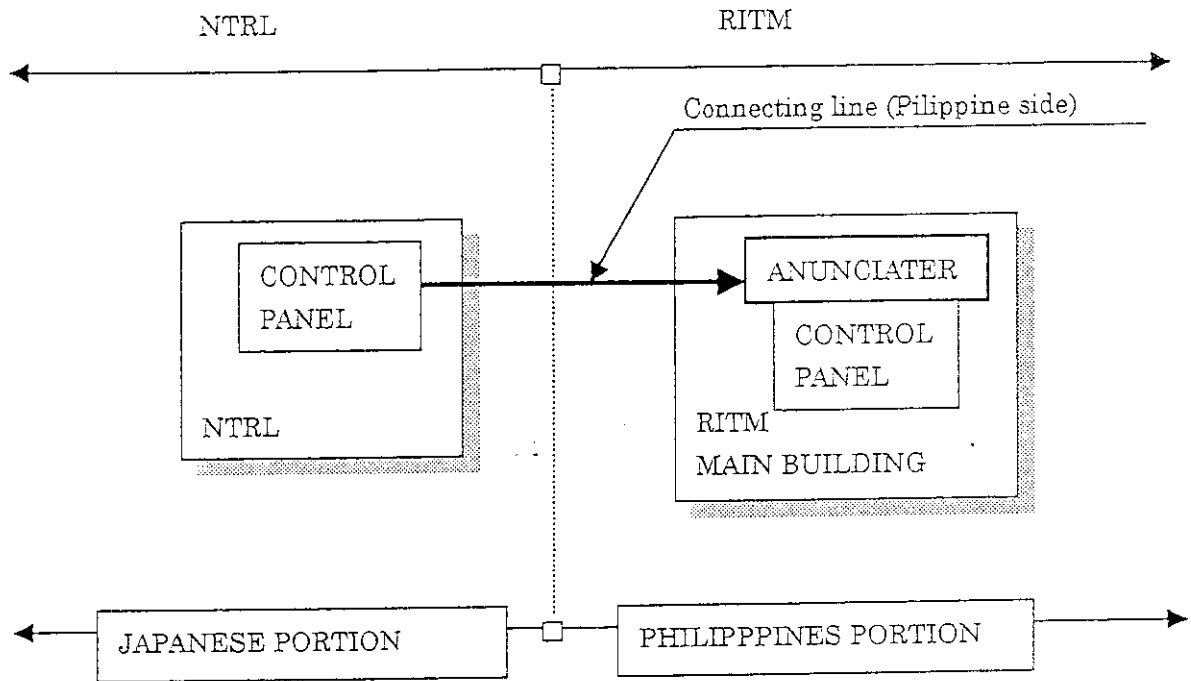
6) Public Address System



7) Local Area Network



8) Fire Alarm System

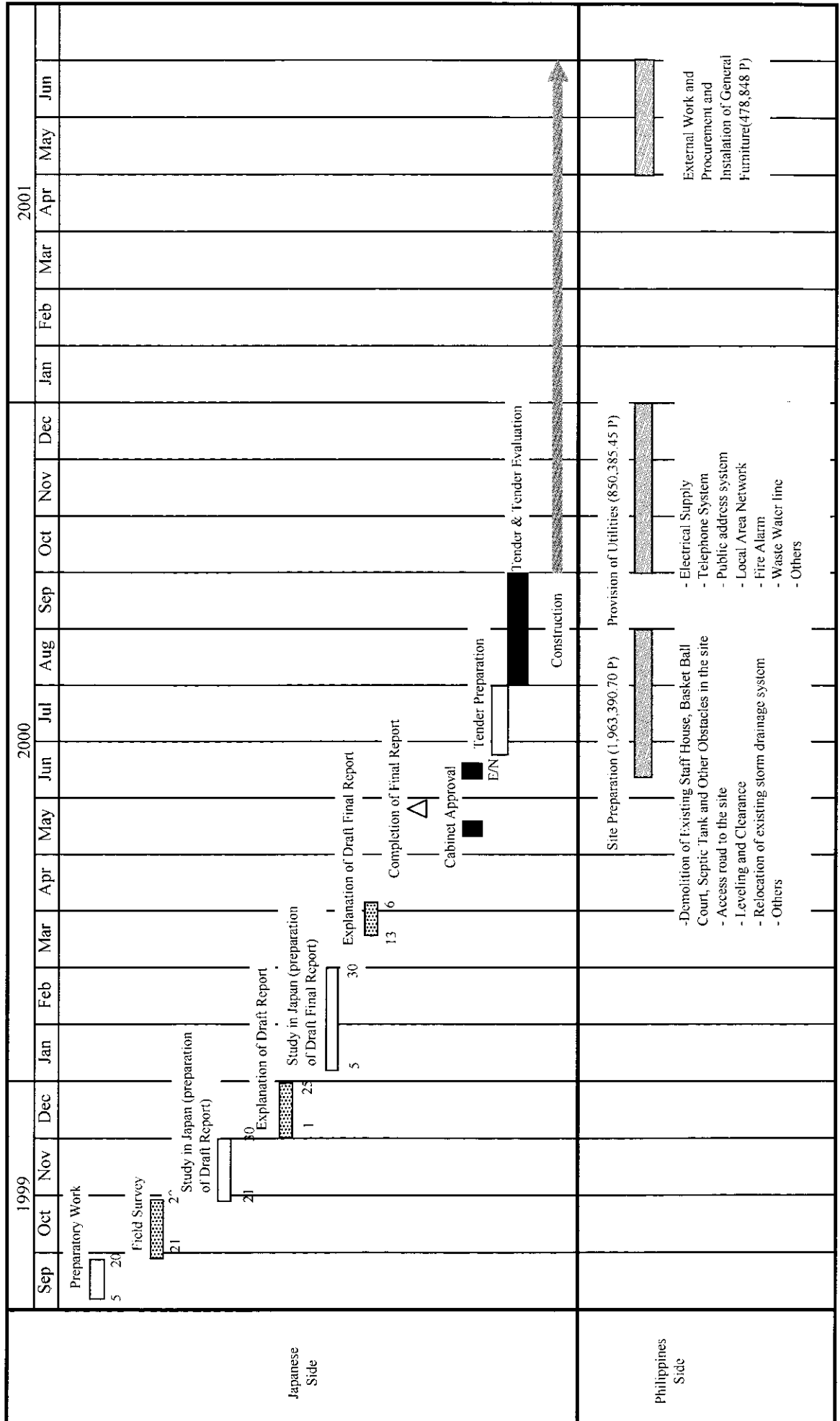


NOTE: ..... PROPOSED BOUNDARY LINE

Basic Design Study on the Project for  
The Establishment of the National Tuberculosis Reference Laboratory in the Republic of the Philippines

(For Reference)

Tentative Implementation Schedule of the Project



## National Budget and DOH Budget

BUDGET  
(in thousand)

	1996	1997	1998	1999
National Budget	394,855,182	433,817,543	546,743,816	585,097,506
Dept. of Health	9,301,912	11,020,083	13,059,476	11,265,838
Personal Services	3,388,911	3,984,994	4,999,812	5,070,291
MOOE	4,132,333	4,596,582	5,518,008	5,546,777
Capital Outlay	1,780,668	2,438,507	2,541,656	922,991

Republic of the Philippines  
Department of Health  
RESEARCH INSTITUTE FOR TROPICAL MEDICINE  
Department of Health  
Alabang, Muntinlupa City

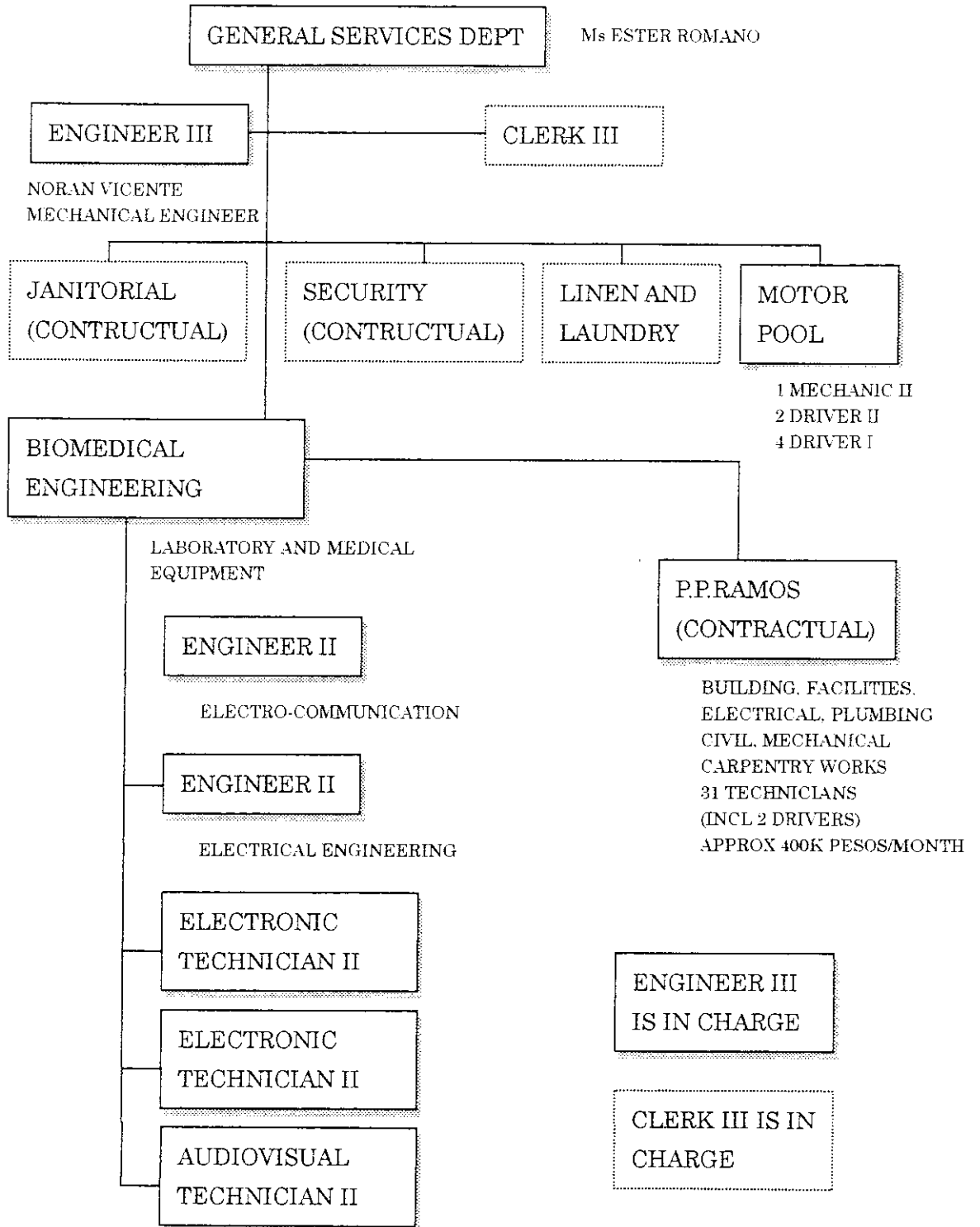
8. RITM 予算資料

Statement of Appropriation  
From 1995 to 2000

PERSONAL SERVICES:	APPROPRIATION 1995	APPROPRIATION 1996	APPROPRIATION 1997	APPROPRIATION 1998	APPROPRIATION 1999	APPROPRIATION 2000
Salaries	16,413,000.00	19,615,000.00	23,800,000.00	33,353,000.00	33,530,000.00	33,726,000.00
Step Increment	164,000.00	196,000.00	238,000.00	334,000.00		
Salary Adjustment	5,202,000.00	5,902,408.00	5,427,924.00			
ACA	1,626,000.00	1,626,000.00	1,626,000.00	1,626,000.00	1,638,000.00	1,638,000.00
PERA	1,608,000.00	1,608,000.00	1,608,000.00	1,638,000.00	1,638,000.00	1,638,000.00
RATA	383,000.00	182,000.00	228,000.00	228,000.00	282,000.00	354,000.00
Subsistence	1,160,000.00	1,160,000.00	2,948,000.00	2,948,000.00	2,949,000.00	2,949,000.00
Laundry	159,000.00	159,000.00	410,000.00	410,000.00	410,000.00	410,000.00
Honoraria		200,000.00	200,000.00	200,000.00	200,000.00	200,000.00
Bonus	1,641,000.00	1,908,000.00	2,256,000.00	3,053,000.00	4,160,000.00	4,176,000.00
Per Diems	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
Clothing	355,000.00	410,000.00	546,000.00	819,000.00	819,000.00	1,092,000.00
Hazard Pay	219,000.00	219,000.00	219,000.00	219,000.00	219,000.00	219,000.00
Productivity		504,000.00	532,000.00	532,000.00	546,000.00	546,000.00
Terminal Leave					56,000.00	
Pag-ibig Premiums		328,000.00	328,000.00	328,000.00	328,000.00	328,000.00
Medicare		123,000.00	123,000.00	123,000.00	123,000.00	123,000.00
LRIP			3,016,573.00	3,169,000.00	4,024,000.00	4,048,000.00
ECIP		98,000.00	98,000.00	99,000.00	99,000.00	99,000.00
<b>Total P. S. *</b>	<b>28,980,000.00</b>	<b>34,288,408.00</b>	<b>43,654,497.00</b>	<b>49,129,000.00</b>	<b>51,071,000.00</b>	<b>51,596,000.00</b>
Traveling Expenses	50,000.00	50,000.00	90,000.00	95,000.00	95,000.00	151,000.00
Communication	100,000.00	100,000.00	115,000.00	121,000.00	121,000.00	314,000.00
Maint. of GF	3,024,000.00	3,024,000.00	3,510,000.00	3,703,000.00	3,703,000.00	4,836,000.00
Maint. of M. V.	200,000.00	200,000.00	200,000.00	211,000.00	211,000.00	200,000.00
Supplies & Material	7,537,000.00	6,605,300.00	7,761,000.00	8,188,000.00	10,188,000.00	12,988,000.00
Power	3,180,000.00	3,180,000.00	4,320,000.00	4,558,000.00	6,558,000.00	6,960,000.00
Retirement Gratuity					586,000.00	-
Seminar & Training			100,000.00	106,000.00	106,000.00	204,000.00
Extraordinary Exp.	20,000.00		58,000.00	61,000.00		
Gasoline, Oil			85,000.00	90,000.00	151,000.00	85,000.00
Fid. Bond & Ins. Prem.			20,000.00	21,000.00	21,000.00	200,000.00
Other Services	3,200,000.00	3,200,000.00	2,922,000.00	8,727,000.00	10,727,000.00	12,077,000.00
<b>Total MOOE</b>	<b>17,311,000.00</b>	<b>16,359,300.00</b>	<b>19,181,000.00</b>	<b>25,881,000.00</b>	<b>32,467,000.00</b>	<b>38,015,000.00</b>
Capital Outlay	2,248,000.00	26,045,000.00	13,500,000.00	16,750,000.00	13,000,000.00	
<b>GRAND TOTAL</b>	<b>48,539,000.00</b>	<b>76,692,708.00</b>	<b>76,335,497.00</b>	<b>91,760,000.00</b>	<b>96,538,000.00</b>	<b>89,611,000.00</b>

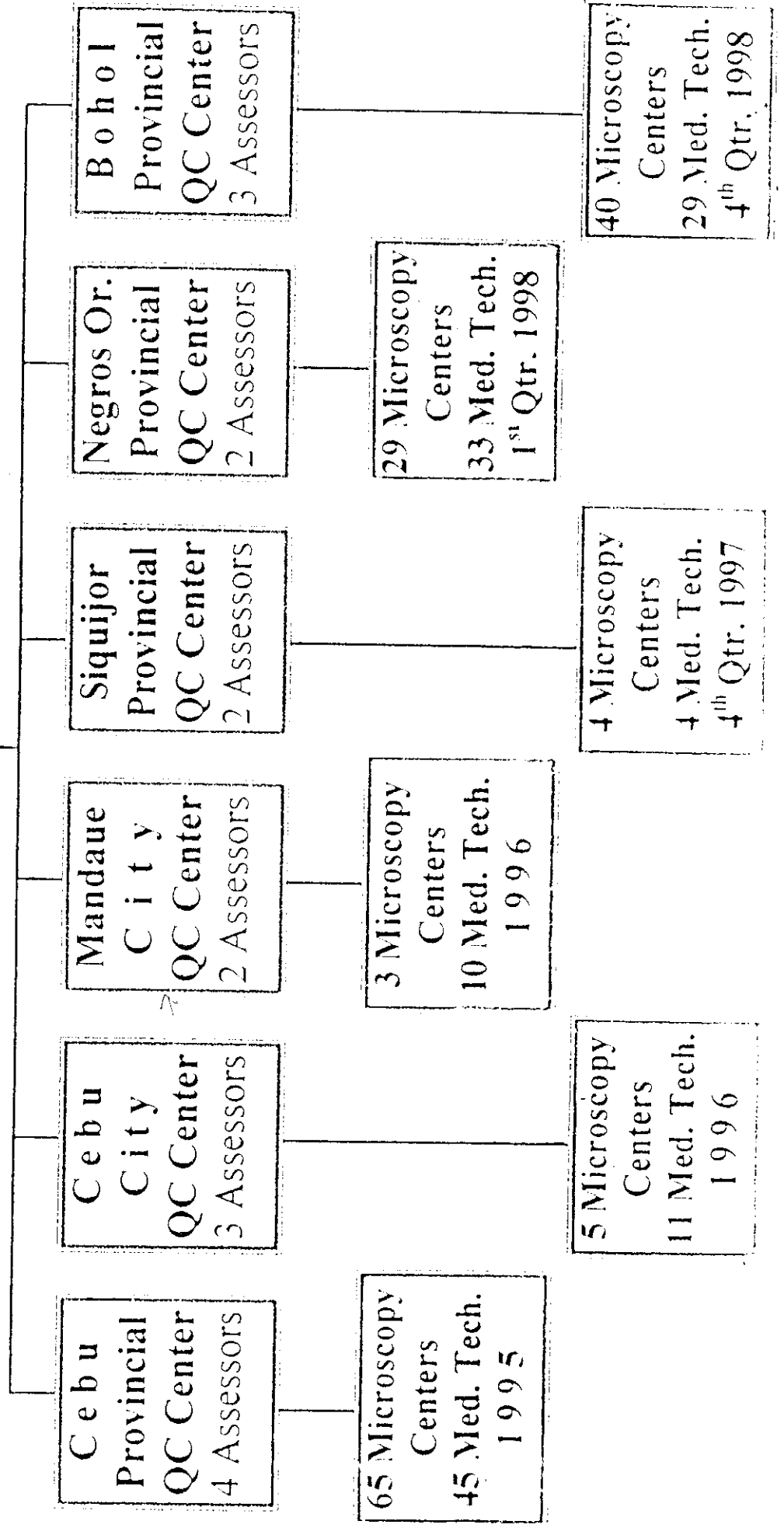


ORGANIZATION FOR MAINTENANCE AND REPAIR



# STEP-WISE SUPPORT TO MICROSCOPY CENTERS IN REGION VII

## TB Reference Laboratory



NTP CASEFINDING ACCOMPLISHMENT IN D.O.T.S. AREAS  
REGION VII, PHILIPPINES  
1997 vs. 1998

D.O.T.S. AREA	TB SUSPECT/100,000		SMEAR (+)/100,000		POSITIVITY RATE (%)	
	1997	1998	1997	1998	1997	1998
Cebu City	507.72	396.47	103.97	105.71	20.48	26.66
Danao City	363.45	309.97	67.84	61.99	18.70	20.00
Lapulapu City	672.19	433.50	96.03	85.13	14.29	19.64
Mandaue City	660.94	638.15	89.79	116.52	13.58	18.26
Toledo City	539.22	513.00	105.71	94.24	19.20	18.37
Cities	549.45	445.31	98.41	100.45	17.91	22.56
RHUS	582.98	453.49	83.36	84.74	14.30	18.69
CEBU	568.87	450.05	89.69	91.34	15.77	20.30
SIQUIJOR	-	618.42	-	204.92	-	33.14
Bais City	-	421.90	-	89.58	-	21.23
Canlaon City	-	917.14	-	106.19	-	11.58
Dumaguete Ci	-	354.57	-	39.84	-	11.24
Cities	-	487.09	-	69.18	-	14.20
RHUS	-	446.95	-	86.65	-	19.39
NEGROS OR.	-	454.74	-	83.26	-	22.16

11. 結核発見率 (第7 地方区)

## Diagnosis Flow Chart for Pulmonary Tuberculosis Suspect

