

資 料 編

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1 調査団リスト

番号	団名	派遣期間	団員数	主な業務内容
1	事前(予備)調査	1976(S.51) 5.10 ~ 6.3	5	①協力要請の背景・事実関係の確認。 ②協力候補地を訪問し、予備的考察と協力の方向付け。 ③先方実施員任者との協力の可能性について具体的検討
2	実施設計(長期調査)	1976.12.22 ~ 1977.3.31	3	農業経済、かんがい排水、栽培の長期調査員による現地事情の調査
3	実施設計	1977(S.52) 2.13 ~ 4.13	15	①計画のフレームワーク(プロジェクトの組織機構パイロット地区の規模及び位置、タイ側の実施体制)及び日本の協力の範囲と方法について協議し4月8日討議議事録に署名。 ②チャオピア・パイロット地区の実施設計及び営農改善普及計画の作成
4	実施設計	1977(S.52) 9.20 ~ 10.14	6	メクロン・パイロット地区(No1, No2)の農業基盤整備事業の実施設計及び営農改善計画と営農組織改善計画の作成
5	計画打合せ	1978(S.53) 3.13 ~ 3.25	4	計画の策定(印刷報告書なし)
6	巡回指導(1次)	1979(S.54) 2.1 ~ 2.7	4	①事業実施状況の把握 ②技術上・事業運営上の問題点について助言・指導
7	巡回指導(2次)	1979(S.54) 10.25 ~ 11.4	5	チャオピア、メクロンの両パイロット地区の基盤整備事業及びスハンブリ訓練センターの研修に関する助言・指導
8	巡回指導(3次)	1980(S.55) 10.13 ~ 10.23	4	①実施状況の把握 ②問題点解決への助言 ③今後の運営計画の協議

	団 名	派遣期間	団員数	主 な 業 務 内 容
9	エバリュ エーション	1981 (S.56) 11. 7 ~ 11. 22	6	①プロジェクト活動の評価・分析 ②協力期間満了後のプロジェクトのあり方についての検討 ③評価結果から協力期間を3年間延長する旨、両国政府へ勧告
10	計画打合せ	1982 6. 15 ~ 6. 29	4	延長3ヶ年実施計画の策定
11	巡回指導 (4次)	1983 9. 5 ~ 9. 17	3	①プロジェクトの現況把握 ②水管理分野の問題について協議し本分野の短期専門家の業務内容を含めて、その対応の検討と助言指導 ③協力期間終了以降のサブ・プロジェクトの将来構想についてタイ側からの情報の取得
12	第2次エバリュ エーション (今回)	1984 10. 8 ~ 11. 4	4	①プロジェクト活動の評価・分析 ②延長協力期間後のプロジェクト体制の維持運営方針検討 ③チャオピアサブプロジェクトファロアップ協力の検討

注) 6・7・8の巡回指導(1次～3次)は、マレーシア水管理訓練計画と合同で実施した。これらの派遣期間はタイ国滞在期間を示す。

2 派遣専門家リスト

R/Dによる協力期間 (52.4.8~60.3.31)R/D上定員17名 F/A/Aーアップ(60.4.1~61.3.31)R/D上定員2名
プロジェクト住所 Project Center

Irrigated Agriculture Development Project
c/o C. O. L. C., Ministry of Agriculture and Co-operatives
Ratchadamnoen Nok Rd.,
BANGKOK 10200, THAILAND

農業専門家(41名)

氏名	派遣科目	任職機関	任職所在地	派遣期間	出発日	帰国日	生年月日	赴任時現職又は派遣先	関係官庁	家族の同伴	備考
島正男	農業経営	農業協同組合省	バンコック	1年3か月	51.12.22	52.3.31	大 6.3.10	JICA 特別派遣員 JICA 特別派遣員 農水省東北農政局計画部 農水省農政課	JICA	無	長期専門家
三島謙二	栽培	"	"	2か月	51.12.22	52.2.21	昭 5.8.26	農水省東北農政局計画部 農水省農政課	農水省	"	"
山本裕二	栽培	"	"	3か月	51.12.22	52.3.21	昭 9.3.26	農水省東北農政局計画部 農水省農政課	JICA	"	"
市川和雄	栽培	"	"	10日間	53.6.29	53.7.8	昭 6.12.24	農水省大臣官房総務課 農水省中農団農政局総務課	農水省	"	短期専門家
古谷幹雄	栽培	"	"	2年1か月	52.8.31	54.9.29	昭 6.5.3	農水省中農団農政局総務課 農水省農政課	"	妻・子(1)	メンター
遠藤哲也	業務管理	"	"	2年	52.8.31	54.8.30	昭 12.4.26	JICA 職員	JICA	妻	"
山田信一	農工管理	"	"	8か月	53.10.10	54.6.18	昭 9.10.10	三社コンサルタント 農水省東北農政局計画部	"	無	短期専門家
稲毛尚興	農業経営	"	"	2年	53.3.30	55.3.29	大 15.5.17	農水省東北農政局計画部 農水省農政課	農水省	妻	メンター
遠山利弘	農工事業設計	"	"	3か月	54.1.10	55.2.7	昭 22.1.1	三社コンサルタント 農水省東北農政局計画部	JICA	無	短期専門家
福田修	農工事業設計	"	アユタヤ	7か月	54.1.10	55.6.16	昭 7.4.18	三社コンサルタント 農水省東北農政局計画部	"	"	チャオピ
宮本和実	農工事業設計	"	バンコック	3年	52.8.31	55.9.30	昭 15.3.30	農水省東北農政局計画部 農水省農政課	"	妻・子(2)	メンター
越智将孝	灌漑排水	"	アユタヤ	3年	52.11.5	55.11.4	大 15.8.15	農水省東北農政局計画部 農水省農政課	農水省	妻・子	チャオピ
木村和夫	灌漑排水	"	"	3年	52.10.31	55.10.13	昭 18.3.9	農水省東北農政局計画部 農水省農政課	"	妻・子(3)	"
藤沢一	灌漑排水	"	"	2年	53.10.20	55.10.19	大 8.8.13	JICA 特別派遣員	JICA	無	(58歳死亡)

氏名	指導科目	在勤所属機関	任勤地	派遣期間	出発日	帰国日	生年月日	赴任時所属又は渡航先	著書等	家族の別件	備考
大久保 富之	水		カンチナナプリ	2年2ヶ月	53.11.2	56.1.15	昭11.9.18	農水省中野園農政尚建設部	農水省	妻・子(1)	メクロン
山崎 勇	農機研		アユタヤ	3年	53.10.20	56.10.19	昭13.4.3	無	JICA	無	チャオビヤ
宮澤 高公	圃場整備		カンチナナプリ	3年	53.11.2	56.10.30	昭17.1.1.9	農水省九州農政尚建設部	農水省	妻・子(1)	メクロン
田所 幹夫	ライスマシナル設計		アユタヤ	4.1日	56.10.6	56.1.1.5	昭22.9.9	モレイ工業株式会社	JICA	無	チャオビヤ
高島 良樹	圃場整備		スハンブリ	2年	55.3.25	57.3.24	昭6.9.17	農水省東海農政尚設計画部	農水省	無	スハンブリ
本郷 盛雄	圃場整備		アユタヤ	1年	56.4.7	57.4.7	昭18.8.28	農水省農機農政尚設計画部		妻・子(2)	チャオビヤ
武藤 夏雄	ポンプ設計			2.5ヶ月	57.6.15	57.9.2	昭29.7.2	御荏原製作所	JICA	無	
福島 守一	業務調査		バンコック	3年	54.8.20	57.8.19	昭9.3.25	JICA 農機		妻	センタ (584死亡)
江 誠一	灌漑排水	農薬協同組合	バンコック	2年	55.8.15	57.8.14	昭20.1.2	農水省九州農政尚建設部	農水省	妻・子(2)	センター
中島 弘長	灌漑排水		アユタヤ	2年	55.11.1	57.10.31	昭12.8.29	農水省 北陸農政尚建設部		妻	チャオビヤ
宇田川 龍男	灌漑排水		アユタヤ	2.5日	57.12.1	57.12.5	大6.2.24	海外農薬同業協会 (熊本大学職員、現我保電子部)	JICA	無	チャオビヤ
公谷 夏新	灌漑排水		カンチナナプリ	2年	56.1.8	58.1.7	昭19.6.4	福島県農地林新部	農水省	妻・子(2)	メクロン
石坂 君新	灌漑排水		アユタヤ	2年2ヶ月	56.1.31	58.3.29	昭5.12.15	農水省北陸農政尚建設部		無	チャオビヤ
水田 政之	農業経営		バンコック	2年8ヶ月	55.7.31	58.3.31	大13.9.16	JICA 特別滞在	JICA	妻	センター
上田 明一	野鼠防除		アユタヤ	1ヶ月	58.3.18	58.4.17	大10.7.10	海外農薬研究協会	JICA	無	チャオビヤ
畑田 正信	農業機械整備		カンチナナプリ	2ヶ月	58.2.24	58.4.21	昭21.2.15	御井 隆 農機	JICA		メクロン
守中 正	病虫害防除		アユタヤ	2ヶ月	58.6.16	58.8.15	昭6.5.5	農水省農薬政策研究所	農水省		チャオビヤ
坂 碩	農業普及		カンチナナプリ	2年	59.1.10	59.3.30	"7.4.5	農水省東北農政尚建設部			メクロン
村尾 重信	水管理			3ヶ月	56.12.11	56.12.10	大12.5.27	無職(元福岡県農政普及部長)	JICA	妻	
中島 隆一郎	プロジェクトリーダー		バンコック	5年7ヶ月	54.9.16	60.3.31	昭9.2.9	農水省東北農政尚建設部	農水省		センター
菅原 智二郎	栽培		スハンブリ	5年7ヶ月	53.8.31	60.3.31	大8.8.22	JICA 特別滞在	JICA		スハンブリ
三沢 和人	栽培		カンチナナプリ	5年5ヶ月	54.12.15	60.3.31	昭2.4.26	無職		無	メクロン
高岡 英俊	農業経営調査		バンコック	2年8ヶ月	57.8.9	60.3.31	"25.5.11	JICA 原員			センター

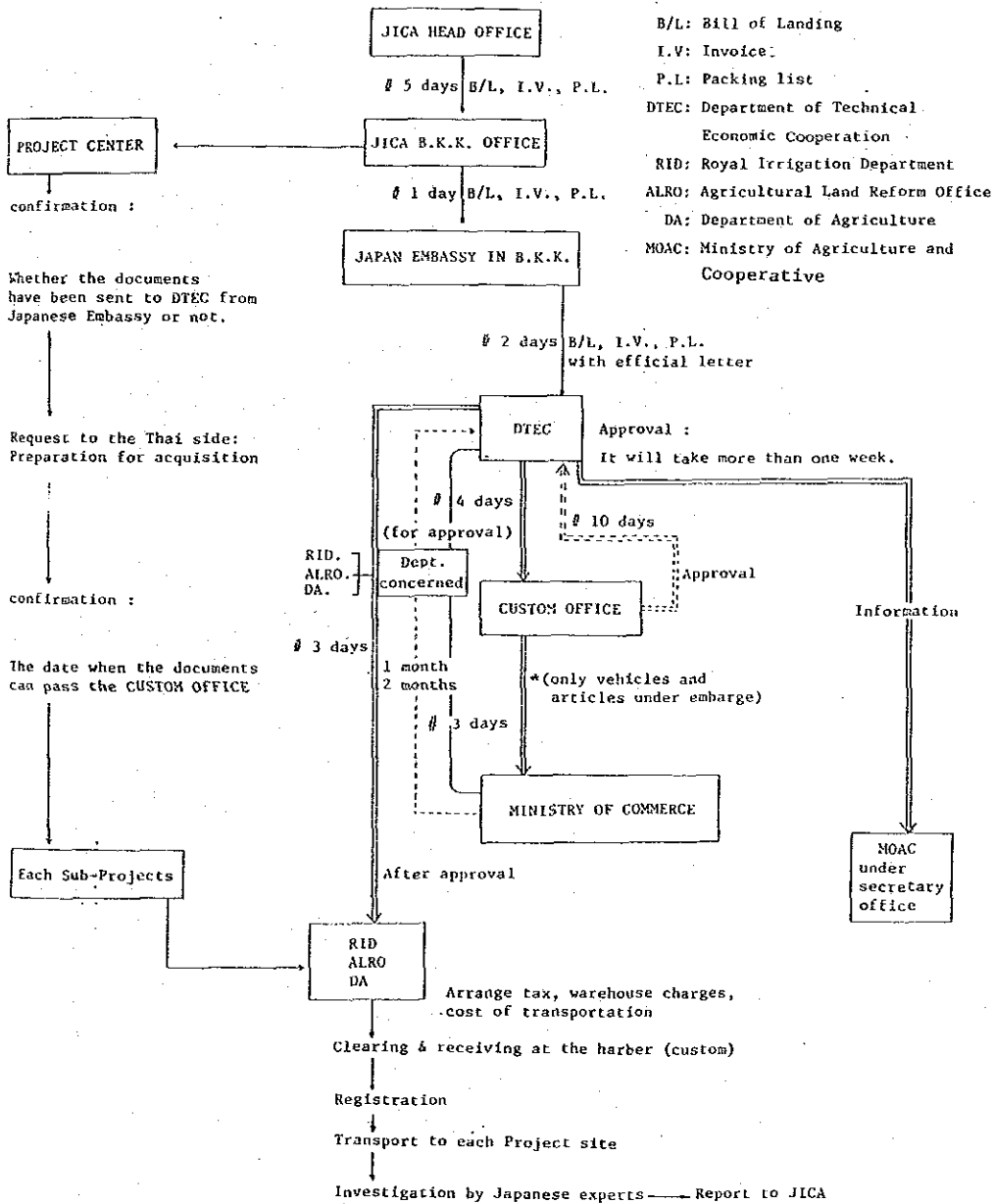
氏名	指導科目	任地配属機関	任地勤務地	派遣期間	出発日	帰国日	生年月日	赴任時現職又は選考先	関係省庁	家族の同伴	備考
福田守	灌溉排水	"	アムステルダム	2年	57.12.3	59.12.2	" 20.7.7	農水省海産物局農政部	農水省	妻・子(2)	チヤゴビ丁
柴田寿夫	灌漑排水	"	"	2年2か月	58.2.24	60.3.31	" 18.1.1	JICA特別嘱託	JICA	妻・子(3)	"
久本和博	灌漑排水	"	カンチヤブア	2年1か月	58.3.20	60.3.31	" 28.9.13	北海道農地開発部	農水省	無	メタコロシ
高元徳	桑蚕普及	"	"	1年6か月	58.1.16	60.3.31	" 26.2.6	JICA特別嘱託	JICA	妻・子(2)	"
井口尚樹	桑蚕普及	農林省阿根舎省	アムステルダム	5年6か月	55.6.17	61.3.31	昭 8.9.23	JICA特別嘱託	JICA	妻	チヤゴビ丁
松田正道	桑蚕普及	"	"	4年4か月	56.12.11	61.3.31	" 2.7.31	"	"	無	"

3 研修員リスト

受入年度	研修員氏名	所 属	研修科目	研修期間	備 考
52 (1977) 4名	MR. JOHN BOONLUE	Project Coordinator	農業事情視察	11.20 ~ 11.29	
	MR. CHANLONG ATTANATHO	ALRO Chao Phya P/P	"	"	
	MR. CHALERMPHET RATTANAPRAYCON	RID Mae Klong P/P	"	"	
	MR. SUTIN SUSILA	DTAC	"	"	
53 (1978) 3名	MR. PAITON PALAYASOOT	Project Coordinator	農業事情視察	3.18 ~ 4.01	
	MR. PETIPONG PUNGBUN	ALRO	かんがい事情視察	"	
	MR. PRECHA DONSAKUL	COLC	農地水資源コース	6.22 ~ 8.21	異期研修コース
54 (1978) 2名	MR. CHULANOPE SNI DVONG	MOAC 次官補	農業事情視察	10.22 ~ 10.29	高級研修員
	MR. SAWAD WATTANAYAGORN		"	"	準高級研修員
55 (1980) 4名	MR. SUTIN MULPHRUK	COLC	農業視察	7.24 ~ 8.10	
	MR. PORNKONG SIRIYOTHIN	ALRO, Chao Phya P/P	"	"	
	MR. PILANDI MALAKUL	Project Director	かんがい	11.16 ~ 11.30	
	MR. PAITON PALAYASOOT	Project Coordinator	"	"	
56 (1981) 5名	MR. SARAVUD ISARABHAKDI	ALRO, Chao Phya P/P	かんがい農業開発	11.05 ~ 12.01	
	MR. RAIBOON YONGPRADIT	RID, Mae Klong P/P	"	"	
	MR. ROONGROENG CHULAJATA	"	"	10.29 ~ 11.12	準高級研修員
	DR. WINIT CHANGSRI	DA	"	"	"
	MR. OPART CHANTASUK	DA, スハンプリセンター	稲栽培コース	3.04 ~ 12.14	異期研修コース
57 (1982) 4名	MR. WATCHARIN PANPINYA	RID, Mae Klong P/P	農地水資源コース	7.08 ~ 9.11	異期研修コース
	DR. SAMROENG SRICHANGAM	MOAC, Inspector General	かんがい農業開発	2.20 ~ 3.05	高級研修員
	MR. JAKRI RAMANA	Project Director	協力	"	"
	MR. PAIRAT DUANGPIBOON	ALRO, Chao Phya P/P	稲栽培コース	2.24 ~ 12.14	異期研修コース
58 (1983) 3名	MR. PINIT SUVANAJATA	ALRO 局長	農業事情視察	5.31 ~ 6.11	高級研修員
	MR. SUPORN SUWANNATTANA	ALRO 土木技師	農地水資源コース	7.07 ~ 9.10	異期研修コース
	MR. VICHEN SASIPRAPA	DA スハンプリセンター 副所長	農業研究事情視察	8.14 ~ 8.30	
59 (1984) 4名	MR. SUPACHAI KAEWLUMYAI	RID, メクロン P/P	農業普及コース	4.12 ~ 7.16	異期研修コース
	MR. PRATAN RIJANA	ALRO, チャオピヤ P/P	農業協同組合コース	5.10 ~ 7.8	"
	MR. SOMYOT		農地地域開発コース	6.14 ~ 12.22	"
	DR. DAMKERNG CHANPANJA	DA, スハンプリセンター 所長 兼 Director of Farming System Research Institute	農業視察	9.25 ~ 10.11	準高級研修員

供与機材の購送から現地搬入までの手順

Flow Chart of Procedures for Donated Construction & Farming Machinery and Equipment



4 主要供与機材リスト

Donated Machinery and Equipment

Item	Total	Description				Project Center
		Chao Phya P/P	Mae Klong P/P	Suphanburi T/C		
Construction Machinery	¥1000¥ 387,686 (376,375 B)	¥1000¥ 252,201 (876,375 B)	¥1000¥ 135,485 (-)	(-)	(-)	(-)
Agricultural Machinery	68,932.1 (3,146,515)	61,029 (211,750)	4,192.01 (2,924,165)	3,711 (10,600)	(-)	(-)
Agricultural Materials	8,801.75 (443,097)	5,379 (230,096)	3,379.75 (213,001)	43 (-)	(-)	(-)
Experimental Machinery	35,700.89 (521,845)	21,943 (11,360)	1,686.89 (347,835)	12,071 (162,510)	(-)	(-)
Pumps	49,103.6 (213,600)	46,769 (-)	2,334.6 (213,600)	(-)	(-)	(-)
Vehicles	22,012.4 (301,500)	7,306 (26,000)	4,455.4 (168,500)	8,536 (105,000)	1,715 (-)	(-)
Boat	1,328 (-)	1,328 (-)	(-)	(-)	(-)	(-)
Stationery	6,946.1 (415,112)	3,691 (66,300)	1,152.1 (58,800)	1,515 242,361	588 (47,651)	(-)
Others	11,249,752 (-)	(-)	8,593,752 (-)	2,656 (-)	(-)	(-)
Total	591,760,502 (5,917,844)	399,646 (1,423,821)	161,279.2 (3,925,901)	28,532 (520,471)	2,303 (47,651)	(-)

Remarks : Japanese ¥ unit : ¥1000

(B : B)

供与機材実績金額内訳表

B: 現地調達

名称	内訳										センター			メタロン			スペースブリ			センター				
	チャオピ7	メタロン	スペースブリ	センター	1977	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	
建設機械	387,686 (876,375)	252,201 (376,375)	15,485 (-)	-	103,322 (-)	93,017 (-)	55,363 (281,375)	230 (585,000)	4,925 (-)	65,840 (-)	28,820 (-)	-	-	-	-	-	-	-	-	-	-	-	-	-
農業機械	69,922.01 (3,146,515)	61,029 (2,11,750)	4,292.01 (2,924,162)	3,711 (10,600)	29,247 (-)	227 (-)	22,925 (23,000)	8,600 (188,750)	-	3,846.81 (388,625)	346.2 (2,535,540)	1,700 (-)	130 (-)	1,881 (10,600)	-	-	-	-	-	-	-	-	-	-
農業用資材	8,801.75 (43,097)	5,379 (230,035)	3,379.75 (213,001)	4 (-)	-	1,225 (-)	4,146 (73,925)	-	-	-	3,379.75 (157,810)	-	43 (-)	-	-	-	-	-	-	-	-	-	-	-
調査・設備修繕器具	35,700.89 (521,645)	21,943 (11,300)	1,656.89 (347,835)	12,071 (162,510)	2,932 (-)	7,604 (-)	5,077 (11,300)	6,570 (-)	604.89 (-)	1,082 (-)	-	2,585 (-)	3,863 (162,510)	5,623 (-)	-	-	-	-	-	-	-	-	-	-
ボンプ	49,303.6 (213,600)	46,769 (-)	2,344.6 (219,600)	-	1,576 (-)	1,721 (-)	38,383 (-)	4,579 (-)	1,574.6 (-)	760 (-)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
自動車	22,012.4 (301,500)	7,306 (28,000)	4,454.4 (188,500)	8,535 (105,000)	3,012 (-)	-	2,259 (-)	2,035 (28,000)	1,324.4 (-)	3,131 (168,500)	-	6,715 (-)	1,771 (305,000)	-	-	-	-	-	-	-	-	-	-	-
ポット	1,328 (-)	1,328 (-)	-	-	1,328 (-)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
事務機器類	6,946.1 (415,112)	3,691 (66,900)	1,152.1 (58,800)	1,515 (242,361)	2,960 (47,651)	-	-	731 (66,900)	665.45 (-)	455.65 (-)	58,800 (-)	891 (-)	267 (242,361)	357 (-)	588 (47,651)	-	-	-	-	-	-	-	-	-
その他 (Inc. etc)	1,245,732 (5,917,844)	-	8,530,732 (3,925,901)	2,655 (520,471)	-	-	-	-	2,245.7 (-)	4,117.7 (443,816)	2,230,332 (3,432,055)	1,235 (-)	643 (-)	726 (520,471)	-	-	-	-	-	-	-	-	-	-
計	591,760,502 (5,917,844)	309,646 (1,423,821)	161,279.2 (3,925,901)	28,532 (520,471)	144,237 (47,651)	103,805 (47,651)	128,660 (388,300)	22,944 (1,035,521)	47,231.04 (-)	79,272.86 (443,816)	34,775,302 (3,432,055)	13,226 (-)	671.7 (-)	8,589 (520,471)	2,303 (-)	2,303 (-)	-	-	-	-	-	-	-	-

年度別計

(×1,000円) (B)

1977	144,237	-
1978	165,565.04	-
1979	214,649.86	832,116
1980	66,308.302	5,085,728

チャオピアパイロットプロジェクト
Chaophya Pilot Project

2. 種別、年度別供与実績金額表

The Cost Amount of Donated Goods for Chao Phya P/P (by fiscal year budget)

Item	1977 year		1978 year		1979 year		1980 year		Total
	Quantity	Amount 10 ³ ¥	Quantity	Amount 10 ³ ¥	Quantity	Amount 10 ³ ¥	Quantity	Amount 10 ³ ¥	
1. Construction machinery	L.S.	103,522	L.S.	93,017	L.S.	55,363 291,375	L.S.	299 585,000	252,201 876,375
2. Agricultural machinery	L.S.	29,247	L.S.	227	L.S.	22,925 23,000	L.S.	8,630 188,750	61,029 211,750
3. Agricultural materials	-	-	L.S.	1,236	L.S.	4,143 73,925	L.S.	156,171	5,379 230,096
4. Experimental machinery	L.S.	2,592	L.S.	7,604	L.S.	5,077	L.S.	6,670 11,300	21,943 11,300
5. Pump	L.S.	1,576	L.S.	1,721	L.S.	38,893	L.S.	4,579	46,769
6. Vehicle boat	L.S.	4,340	-	-	L.S.	2,259	L.S.	2,035 28,000	8,634 28,000
7. Stationary	L.S.	2,960	-	-	-	-	-	731 66,300	3,691 66,300
Total		144,237		103,805		128,660 388,300		22,944 1,035,521	399,646 1,423,821

年度別供材機材リスト

The List of Donated Goods for Chao Phya P/P. (by fiscal year budget)

Item	Description	1977 Year			1978 year			1979 year			1980 year	
		Quantity	Unit	Amount 10 ³ ¥	Quantity	Unit	Amount 10 ³ ¥	Quantity	Unit	Amount 10 ³ ¥	Quantity	Amount
1. Construction machinery	Bulldozer (D7C)	3	sets	64,551	1	set	14,980	1	set	17,389		
	Swamp bulldozer	1	set	15,766	2	sets	32,772					
	Back hoe (0.3 m)	1	set	6,200								6,508
	Orane truck (2.5 ton)	1	set	3,865								
	Dump truck (4.5 ton)	1	set	3,054								
	Dump truck (8.0 ton)	1	set	9,986	2	sets	9,936					
	Pay loader				1	set	11,073					
	Back hoe (0.7 m ³)				1	set	12,044					13,445
	Tire roller				2	sets	12,212					
	Motor Grader								1	set	18,021	
	Tractor								1	set	291,375¥	
	Compactor											254,000¥
	Water tank truck											365,000¥
Bucket for Back hoe											220,000¥	
Shipping charge and others											45,265¥	
Total			103,522			93,017				55,363¥	299,265¥	
											291,375¥	585,000¥

Item	Description	1977 year			1978 year			1979 year			1980 year		
		Quan- tity	Unit	Amount 10 ³ ¥	Quan- tity	Unit	Amount 10 ³ ¥	Quan- tity	Unit	Amount 10 ³ ¥	Quan- tity	Unit	Amount
2. Agricultural machinery	Tractor (70 HP)	1	set	12,177								1 set	1,360,000¥
	Tractor (33 HP)	1	set	2,223									
	Power tiller	5	sets	3,443									
	Combine harvester	2	sets	6,887									
	Sprayer	2	sets	252									
	Thresher	1	set	404									
	Rice planter	5	sets	2,131									
	Seed bed box	500	cases	89									
	Seed bed machine	2	sets	221									
	Seeding machine	2	sets	50									
	Binder	3	sets	1,370									
	Rice huller				1	set	227						
	Paddy dryer												
	Rice moisture meter											1 set	892
	Power rotary weeder											1 set	45
	Rice mulling equipment											1 set	200
	Bridges											1 set	15,930
	Pipe irrigation system											2 sets	258
	Repairing tool											1 set	392
	Attachment of tractor											1 set	5,145
Napsack power duster											1 set	23,000¥	
Carrier											1 set	63	
Trailer													
Grain drill seeder													
Battery													
Spare parts for rice planter													
Accessories for agril. equipment													
Tools & equipment for rice mill													

Item	Description	1977 year			1978 year			1979 year			1980 year				
		Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount		
	Disc plugh			10 ³ ¥			10 ³ ¥			10 ³ ¥			1 set	18,150¥	
	Rotavator												1 set	34,000¥	
	Disc Harrow												1 set	17,200¥	
	Blade for Rotavator												1 set	2,200¥	
	Float Wheel												1 set	10,000¥	
	Front Loader												1 set	65,000¥	
	Shipping charge & other costs												1 set	1,224,842¥	
	Total			29,247			227			22,925				8,630,482¥	
										23,000¥				188,750¥	
3. Agricultural materials	Fertilizer				2.5	ton	240						6.5	ton	46,950¥
	Agricultural chemicals				4.0	ton	727						0.8	ton	26,975¥
	Bivyl house				1	set	269						1,000	pieces	504
	Plastic label												10	"	34
	Farm fork												10	"	22
	Farm rake												50	"	123
	Sparrow net												10	sets	202
	Cheese cloth												200	cases	1,586
	Grain tray for drying												10	pieces	117
	Cotton cloth sheet												10	"	280
	Cotton cloth sheet												5	"	1,261
	Tent house												5	"	9
	Bamboo rule (2 m.)												5	"	5
	Bamboo rule (1 m.)														
	Total						1,236								
															4,143
															73,925¥
															156,171.45¥

Item	Description	1988 year			1978 year			1979 year			1980 year			
		Quantity	Unit	Amount 10 ³ y	Quantity	Unit	Amount 10 ³ y	Quantity	Unit	Amount 10 ³ y	Quantity	Unit	Amount	
4. Experimental machinery	Refrigerator	2	sets	293										
	Constant temperature box	3	"	1,886										
	Balance (100 kg.)	2	"	70										
	Soil moisture meter	1	set	66										
	Microscope	1	set	277										
	Granometer				3	sets	39							
	Thresher				2	"	260							
	Hydrometer				1	set	1							
	Reaping area determinator				1	set	33							
	Germinator				4	sets	22							
	Soil test machine				1	set	5,283							
	Balance (100 kg.)				1	set	37							
	Balance (10 kg.)				1	set	28							
	Balance (2 kg.)				1	set	24							
	Balance (200 kg.)				1	set	56							
	Transit				2	sets	569							
	Walkie-Talkie				3	sets	171							
	Level				2	sets	314							
	Staff				4	sets	31							
	Pole				10	sets	12							
	Measure tape				3	pieces	20							
	Drawing instrument				1	set	407							
	Cabinet				1	set	37							
	Quadrant sampling winnower				1	set	260							
	Comb chresher											5	sets	151
	Small type winnower											2	sets	650
	Small huller											1	set	227
	Capa											3	pieces	10
	Grain divider											2	sets	336

Item	Description	1977 year			1978 year			1979 year			1980 year		
		Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount
				10 ³ ¥			10 ³ ¥			10 ³ ¥			
	Desiccator							10	pieces				
	Dissecting microscope							2	sets			314	
	Accessories for Camera							1	set			31	
	Thermo-hygrograph							1	set			71	
	Aspiration raychrometer							2	sets			269	
	Recording rain gauge							1	set			105	
	Rain gauge							1	set			269	
	Sunshine recorder							1	set			33	
	Thermo meter							1	set			49	
	Met and dry bulb							30	pieces			180	
	Instrument screen							3	"			44	
	Cane penetrometer							1	set			123	
	Room air condition							1	set			168	
	Stereoscopic microscope							3	sets			504	
	Layer sieve machine							2	sets			621	
	Rain gun							1	set			249	
	Water Treatment Equipment							1	set			673	
	Sprayer 4 types											3,400,000¥	
	Balance 6 types											51,500¥	
	Laboratory Table & Chairs											697,400¥	
	Moisture tester											762,300¥	
	Potable glass electrode PH meter											92,300¥	
	Grain tester											46,200¥	
	Quodrat sampling thresher											820,800¥	
	Sample divider											90,200¥	
	Sample pan 2 types											156,700¥	
	Automatic drying oven											21,350¥	
	Earthen trays											56,500¥	
	Shipping and other costs											10,500¥	
	Total			2,592			7,604					5,077	
												11,300¥	
												1,046,328¥	
												6,669,936¥	
												11,300¥	

Item	Description	1977 year			1978 year			1979 year			1980 year		
		Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount
5. Pump	Pump	2	sets	10 ³ ¥	1	set	10 ³ ¥	2	sets	37,967	3	sets	2,600,000¥
	Mixed flow volute pump			1,576			1,721			926			1,300,000¥
	Bar screen												678,967¥
	Shipping charge and other costs												4,578,967¥
	Total			1,576			1,721			38,893			4,578,967¥
6. Vehicle and boat	Vehicle	2	sets	3,012				1	set	1,895	1	set	1,639,000¥
	Motor cycle	1	set	1,328				1	set	364	2	sets	28,000¥
	Boat												107,210¥
	Boat spare parts												288,757¥
	Shipping charge and other costs												2,034,967¥
	Total			4,340							2,259		
7. Stationery (Office supplies)	Electronic calculator	2	sets	1,058									
	Electronic calculator	3	sets	15									
	Slide projector	1	set	155									
	Screen	1	set	31									
	Electronic ricopy	1	set	260									584,000¥
	Ricohfax paper	3	sets	332									58,400¥
	Ricohfax liquid	1	set	232									5,300¥
	Cassette recorder/radio	1	set	93									
	Typewriter	1	set	155									
	Movie camera	1	set	137									
	Projector (Elmo)	1	set	332									61,000¥
	Wireless radio												88,982¥
	Shipping charge & other costs												731,382¥
	Total			2,960									

メクロンパイロットプロジェクト
Maeklong Pilot Project

a. 種別、年度別供与実績金額表
Summary of Machinery and Equipment granted by JICA to Mae Klong Pilot Project

Item	Description	1978 year Amount (10 ³)		1979 year Amount (10 ³)		1980 year Amount (10 ³)	
		Yen	Baht	Yen	Baht	Yen	Baht
A	Construction Machinery	40,825.0	-	65,840.0	-	28,820.0	-
B	Agricultural Machinery	-	-	3,846.81	388.625	345.2	2,535.54
C	Agricultural Materials	-	-	-	55.191	3,379.75	157.81
D	Experimental Machinery & Equipment	604.89	-	1,082.0	-	-	347.835
E	Pump	1,574.6	-	760.0	-	-	213.6
F	Vehicles	1,324.4	-	3,131.0	-	-	168.5
G	Stationery	656.45	-	495.65	-	-	58.8
H	Shipping, Freight and Insurance premium	2,245.7	-	4,117.7	-	2,230.352	-
	Total	47,231.04	-	79,272.86	443.816	34,775.302	3,482.085

Grand total : 1.) Yen = 161,279.2.
2.) Baht = 3,925.901

b. 年度別供与機材リスト
 Details List of Machineries and Equipments granted by JICA.
 To Mae Klong Pilot Project.

Item	Description	1978 year			1979 year			1980 year		
		Q'ty	Amount (10 ³)		Q'ty	Amount (10 ³)		Q'ty	Amount (10 ³)	
			Yen	Baht		Yen	Baht		Yen	Baht
A.	Construction Equipment									
	1. Bulldozer CATERPILLER	2 units	27,740.0							
	2. Spare parts for the above	2 sets	2,775.0							
	3. Back Hoe CATERPILLER 951C	1 unit	10,310.0							
	4. Angledozer KOMATSU 960 A-6			2 units	28,200.0					
	5. Back Hoe IRI IS-04			1 units	5,600.0					
	6. Dump Truck ISUZU SBR 322D			2 units	4,200.0					
	7. Loder, CATERPILLER 961-C			1 units	11,320.0					
	8. Motor Grader GD 705 R			1 unit	16,520.0					
	9. Motor Scraper CATERPILLER							1 unit	28,820.0	
B.	Agricultural Machinery									
	1. Farm Tractor MF 185			1 unit	268.0					
	2. Above attachment consist of									
	a. Disc Plow LT 90/4F			1 set	25.5					
	b. Rotavator HOWARD AR-70			1 set	48.6					
	c. Disc Harrow, LT 77/77			1 set	16.15					
	d. Front Dozer LT 7F			1 set	23.375					
	e. Cage Wheel, Local made			1 set	7.0					
	3. Power Tiller, KUBOTA			2 units	780.0					
	4. Above attachment consist of			2 sets	449.2					
	a. Trailer			2 sets						
	b. Plow			2 sets						
	c. Field Leveler			2 sets						

Item	Description	1978 year		1979 year		1980 year	
		Q'ty	Amount (10 ³) Yen	Q'ty	Amount (10 ³) Yen	Q'ty	Amount (10 ³) Yen
d.	Ridger			2 sets			
e.	Pully			2 sets			
f.	Wheel for Paddy Field			2 sets			
5.	Power Mist Duster KUBOTA			2 units	110.4		
6.	Power Winnower			1 unit	250.0		
7.	Rice Transplanter KUBOTA			2 units	880.0		
8.	Seedling Case, plastic			400 pcs.	132.0		
9.	Paddy Seeding consist of (KUBOTA)			2 units	530.0		
a.	Seeding Machine			2 units			
b.	Seeder SR-2M			2 units			
c.	Soil Mixing and Conditioning KSN 220C-2			2 units			
10.	Binder Harvester KUBOTA			1 unit	360.0		
11.	Power Grain Thresher			1 unit	177.0		
12.	Power Weeder			1 unit	178.21		
13.	ISEKI Combine Harvester					1 unit	485.0
14.	ISEKI Combine Harvester					1 unit	256.89
15.	ISEKI Rice Transplanter					1 unit	98.5
16.	ISEKI Rice Transplanter					2 units	77.0
17.	KANEKO Paddy Drier. SC-40					2 units	230.0
18.	ISEKI Paddy Seeding Equipment EM-50					1 unit	87.0
	Soil Pulverizer & Sieve					1 set	
	Fertilizer Mixer					1 set	
	Belt Conveyor KM-4M					2 sets	205.0
	Green Rack					4 sets	
19.	ISEKI Tiller with attachment					2 sets	86.0
20.	ISEKI Farm Tractor with Balance-- weight TS-3510 E10					2 sets	310.0
21.	ISEKI Brush Cutter IC-17					3 sets	13.5

Item	Description	1978 year		1979 year		1980 year	
		Q'ty	Amount (10 ³)	Q'ty	Amount (10 ³)	Q'ty	Amount (10 ³)
		Yen	Baht	Yen	Baht	Yen	Baht
22.	Attachment For Tractor						
	a. Drive Harrow RD-282					2 sets	97.2
	b. Lime Sower DHS-1800					1 set	23.0
	c. Broad Caster with Canvas					1 set	21.0
	d. Rotavator HL 6-AL					2 sets	68.0
	e. Cultivator MCV-3					1 set	19.0
	f. Float Wheel FS-200					2 sets	18.0
	g. Culi Ridger					1 set	28.0
	h. Lead Sprayer LS-560MP					1 unit	100.5
	i. Disc Plow 26" x 6 KHL					2 sets	41.0
	j. One Way Harrow 24" x 6					2 sets	34.4
	k. Broad Caster MBC					1 unit	43.4
	l. Pump Trailer 2 ton					1 unit	37.0
	m. Trailer 2 ton, Local					1 unit	29.15
	n. Mono Wheel Rotary Ditcher					1 set	43.0
	23. Power Sprayer with hose					2 sets	32.0
	24. Hand Duster Arimitsu					3 sets	24.3
	25. KNAPSAX Type Sprayer YAMMAR					3 sets	179.4
	26. Bridge Aluminium for 3 ton					1 set	141.5
	27. Power Tiller with attachment					1 set	39.0
	28. KUBOTA Mist Duster					10 sets	13.0
	Attachment hose for powder use.						
C.	Agricultural Materials						
	1. Fertilizer			1 lot	14.36	1 lot	44.46
	2. Chemicals			1 lot	40.831	1 lot	63.60
	3. Miscellaneous Materials (1)					1 lot	49.75
	a. Shoulder Sprayer					2 sets	
	b. Fabric Mosquito net					180 yds.	

Item	Description	1978 year		1979 year		1980 year	
		Q'ty	Amount (10 ³)	Q'ty	Amount (10 ³)	Q'ty	Amount (10 ³)
	c. Bivyl, Film 1.3 m.w.					160 yds.	
	d. P.C.V. Pipe 4"φ x 2 m.					15 pcs.	
	e. Canvas Sheet, 5 m x 5 m					5 pcs.	
	f. Canvas Cover Sheet 10 m x 10 m					5 pcs.	
	g. Plastic Bucket					5 pcs.	
	h. Thermometer/Psychrometer					each 3 pcs.	
	4. Miscellaneous Materials (2)					1 lot	921.75
	a. Plastic Sheet					50 sheets	
	b. Nylon net 20m x 25 m, 36mm Mesh					20 sets	
	c. Seed Bag (For Combine Harvester)					300 pcs.	
	5. Plastic Seeding Box					2000 pcs.	948.0
	6. Plastic Label for Experimental work					500 pcs.	180.0
	7. Aluminum Tape					10000 pcs	1,330.0
D.	Experimental Machinery and Equipment						
	1. NIKON Transit H5	1 set	262.7				
	2. SONY Transceiver ICB-700	1 set	52.6				
	3. NIKON Auto Level AE	1 set	145.0				
	4. Staff, Aluminum, L = 5m.	3 sets	21.6				
	5. Pole, Wooden L = 2m.	10 sets	10.8				
	6. Tape, Steel L = 50m.	3 sets	18.72				
	7. Drawing Utencils consist of						
	a. Drawing Instrument	2 units	68.0				
	b. Drawing Pen LION 3026	2 units	60.4				
	c. Traingle Rule LION A310	2 units	1.23				
	d. Traingle Square LION	3 units	3.84				
	8. Recording Rain Gauge			1 unit	120.0		
	9. Cone Renetrometer			1 unit	150.0		

Item	Description	1978 year		1979 year		1980 year	
		Q'ty	Amount (10)	Q'ty	Amount (10)	Q'ty	Amount (10)
			Yen		Yen		Yen
10.	Balance consist of						
	a. Counter Balance, 19 kg. cap.	1 set		1 set	135.0		
	b. Semi-Automatic Balance, 500 g. cap.	1 unit		1 unit			
	c. Semi-Automatic Balance, 120 g. cap.	1 unit		1 unit			
11.	Refrigerator, HITACHI	1 unit		1 unit	170.0		
12.	Digital Current Meter	1 set		1 set	230.0		
13.	Research Binocular Microscope	1 unit		1 unit	277.0		
14.	Germinator, Liebenbera Type						
15.	Moisture Meter TS-7 (B)						2.7
16.	Reaping area Determinator						3.0
17.	Seed Collecting Thresher						7.25
18.	Quadrat Sampling Grain Dryer						35.8
19.	Mygro Thremograph						68.6
20.	Portable PH Meter. PX-21						17.2
21.	Testing Rice Husker, Roller Type						6.57
22.	Grain Filling Hopper & Measure						0.865
23.	Quadrat Sampling Thresher						13.6
24.	Test Rice Huller, Portable Type						30.2
25.	Meteorological Instrument Screen						55.1
26.	Sink Cabinet						7.0
27.	Work Bench						7.65
28.	Storage Case						2.0
29.	Refrigerator, 7.5 cft.						5.65
30.	EIMO, 16 m/m Sound Projector with Standard Accessories.						10.0
31.	RICOH, Overhead Projector with Standard Accessories						39.5
32.	KODAK, Slide Projector						12.5
33.	Type Recorder, Stereo Type						9.15
							9.5

Item	Description	1978 year		1979 year		1980 year		
		Q'ty	Amount (10 ³) Yen	Q'ty	Amount (10 ³) Yen	Q'ty	Amount (10 ³) Yen	
								Baht
E.	34. YNPEX, Hand Type Speaker, Electronic type 3-SW	1 set	388.6			1 set		4.0
	Pump							
	1. Deepwell Submersible pump	1 set	1,186.0					
	2. Multi-Stage, Volute pump with Accessories	1 set						
	3. Pump for Garden 5.5 KW.			1 set	760.0			
	4. Pumpex Submersible Drainage pump							47.0
	5. RAPIDAYTON Submersible-Turbine-pump							58.6
	6. Ebara Single Section Volute pump with diesel engine.							108.0
F.	Vehicle							
	1. TOYOTA Land Cruiser FJ 40 RV-110 with spare parts.	1 unit	1,324.4					
	2. TOYOTA Crown Station Wagon			1 unit	1,771.0			
	3. TOYOTA Micro Bus			1 unit	1,360.0			
	4. TOYOTA Hi-Lux Truck with Air Conditioner.					1 unit		115.0
	5. SUZUKI Motor Cycle A-100					3 units		42.0
	6. SUZUKI Motor Cycle SS-80					1 unit		11.5
G.	Stationery							
	1. RICOH Ricopy DT-705	1 unit	508.25					
	2. OLIVETTI Typc Writer	1 unit	114.0					
	3. Steel Cabinet LION AA-4	1 set	34.2					
	4. Room Air Conditioner IHI			2 units	300.0			
	5. Calculator SHARP			5 units	25.65			

Item	Description	1978 year		1979 year		1980 year	
		Amount (10 ³)		Amount (10 ³)		Amount (10 ³)	
		Q'ty	Baht	Q'ty	Baht	Q'ty	Baht
		Yen	Baht	Yen	Baht	Yen	Baht
6.	Steel Cabinet for map			1 unit	170.0	4 sets	45.2
7.	Air Conditioner SANYO					3 sets	6.6
8.	Ceiling fan 56"					1 set	2.4
9.	Sliding Doors Locker					2 sets	4.6
10.	Two Doors Locker						
H.	Shipping, Freight, Insurance Premium						
	1. Construction Machine				4,117.4	1,532.206	
	2. Agricultural Equipment and Materials	2,245.7				698.146	
	Total	47,231.04			79,272.86	34,775.302	3,482.085

Grand Total 1.) Yen = 161,279.2

2.) Baht = 3,925.901

スパンブリ トレーニングセンター

Suphanburi Training Center

a. 種別、年度別供与実績金額表

Suphan Buri Training Center

Item	1977 1,000¥	1978 1,000¥	1979 1,000¥	1980 1,000¥
1. Construction machine	-	-	-	-
2. Agriculture machine	-	1,700	130	1,881 (10,600¥)
3. Agriculture material	-	-	43	-
4. Equipment and material	-	2,585	3,863	5,623 (162,510¥)
5. Pump	-	-	-	-
6. Vehicle	-	6,765	1,771	- (105,000¥)
7. Boat	-	-	-	-
8. Administrated equipment	-	891	267	357 (242,361¥)
* Ins. etc.	-	1,285	643	728
Total	-	13,226	6,717	8,589 (520,471¥)
Grand total			28,532	(520,471¥)

* Ocean freight, inland charge and ins. premium, etc.

b. 年度別、供与機械リスト

List of machinery and equipment.

SUPHAN BURI TRAINING CENTER.

1978 - 1980

Item	1978 Year		1979 Year		1980 Year		Remarks
	Quantity	Amount	Quantity	Amount	Quantity	Amount	
1. Construction machinery.		103¥		103¥		103¥	
2. Agricultural machinery.		-		-		-	3,711 10,600¥
3. Agricultural materials.		1,700		130		1,881 10,600¥	43
4. Experimental equipments and materials		2,585		3,863		5,623 162,510¥	12,071 162,510¥
5. Pump.		-		-		-	-
6. Vehicle.		6,765		1,771		105,000¥	8,536 105,000¥
7. Boat.		-		-		-	-
8. Administrated equipments.		891		267		357 242,361¥	1,515 242,361¥
Total FOB		11,941		6,074		7,861	25,876
Total Ins. etc.		1,285		643		728	2,656
Total CIF		13,226		6,717		8,589	28,532
Buy in Thailand.		-		-		520,471¥	520,471¥

Item	Description	1978 year			1979 year			1980 year			Remarks	
		Quantity	Unit	Amount 10 ³ ¥	Quantity	Unit	Amount 10 ³ ¥	Quantity	Unit	Amount 10 ³ ¥		
2. Agriculture machinery	Rice transplanter.	2	sets	748.3				1	set	1,468.6		
	Rice sprayer with spare parts	1	set	51.7								
	Seed thresher.	1	set	240.0								
	Power tiller with attachments.	1	set	659.6								
	Straw twisting machine.				1		130.35					
	Mist blower sprayer.											
	Binder											
	Paddy intercultiure.											
	Total			1,699.6			130.35				10,600.8	
				10 ³ ¥			10 ³ ¥				10,600.0¥	
3. Agriculture material.	Victoria lawn.				1		18.0					
	Vinyl Sheet.				1		25.0					
	Total						43.0					
			10 ³ ¥			10 ³ ¥				10 ³ ¥		
4. Equipments and materials.	Rice moisture.	1		80.0								
	Granometer.	7		84.0								
	Hydrometer.	1		0.5				1	set	21.0		
	Air conditioner.	2		237.4				1		174.0		
	Reaping area determinator.	1		30.0								
	Germinator.	2		20.0								
	Drying oven	2		880.0								
	Balance.	5		160.0								
	Total										28,000.0¥	
											24.6	

Item	Description	1978 Year			1979 Year			1980 year			Remarks
		Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount	
				10 ³ ¥						10 ³ ¥	
	Microscope.	1		247.0	2		360.0				
	Camera.	1		232.75							
	Amplifier.	1		59.8							
	Speaker.	3		45.9							
	Microphone.	2		18.4						24.0	
	Handy microphone.	1	set	23.5							
	SHARP compet calculator.	1		465.5							
	Color video recorder.				1	set	190.0				
	Color video camera.				1	set	195.0				
	Color video accessories.				1	set	190.0				
	Color television.				1		130.0				
	16 mm. projector.				1		240.0				
	Over-head projector.				1		70.0				
	Calculator with print.				1		18.0				
	Calculator.				20		132.4				
	Refrigerator.				2		340.0				
	Tension meter.				2		24.0				
	Auto chemical balance.				2		401.0				
	PH meter.				1		56.0				
	E.H. meter.				1		40.0				
	E.C. meter.				1		27.0				
	Leaf area measurement.				1		400.0				
	Distilled & pure machine.				1		390.0				
	Centrifugal machine.				1		100.0				
	Shaker				1		95.0				30.75
	Sterilizer.				1		270.0				8,500.0B
	Tranceiver.				4						122.0
	Cassette recorder.				1						16.2
	Mini cassette recorder.				1						27.0
	Microphone terminal.				1						43.0

Item	Description	1978 Year			1979 Year			1980 Year			Remarks
		Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount	
				10 ³ Y			10 ³ Y			10 ³ Y	
	16 mm. color posi film.							3		461.5	
	Camera attachments.							1	set	121.3	
	Soil crusher (bail mill).							1		166.6	
	Semi micro Kiechl.							2		98.4	
	Auto burette set.							2	sets	114.8	
	Experimental winnower.							1		272.6	
	Rice huller.							1		262.2	
	Rice mill.							1		413.0	
	Hand rice huller.							1		4.1	
	Grain rigidity tester.							1		90.2	
	Straw fracture tester.							1		15.4	
	Rice shattering habit tester.							1		225.5	
	Grain sample divider.							1		118.3	
	Grain micrometer.							1		4.4	
	Hand level.							1		4.6	
	Sugar refraction.							1		14.35	
	Soil sterilizing injector.							1		17.4	
	Soil sieve shaker.							1		273.7	
	Furnance.							1		205.0	
	Vacuum pump.							1		71.75	
	Media pipetting.							1		200.0	
	Magnetic stirrer.							1		74.8	
	Hot plate.							2		162.0	
	Insect net							2		24.6	
	Water bath.							1		265.5	
	Paddy leaf color charts.							1		3.1	
	Standard leaf color charts.							1		14.9	
	Leaf punch.							1		36.9	
	Water culture solution tester.							1		31.8	

Item	Description	1978 Year			1979 Year			1980 Year			Remarks
		Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount	
				10 ³ ¥			10 ³ ¥			10 ³ ¥	
	Soil tester.							1		32.3	
	Crossing set.							1		45.1	
	Ice box							2		48.2	
	Screen.							1		174.3	
	Handy cart.							1		64.6	
	Incubator.							1		1,010.0	
	Colony counter.							1		102.0	
	Frame photo meter.							1		99,810.0¥	
	Insect iron net.							1	set	24,000.0¥	
	Electro-auto pump.							2	sets	7,200.0¥	
	Total			2,584.75			3,863.4			5,622.95	
6. Vehicle.	Bus (50 seats).	1		6,765.0						162,510.00¥	
	Station wagon with spare parts.				1		1,771.0				
	Mini truck.										
	Motor cycle.										
	Total			6,765.0			1,771.0			80,000¥	
8. Administrated equipments.	Ricopy	1		508.25						25,000¥	
	Type-writer.	1		114.0							
	Duplicator	1		235.0							
	Steel cabinet.	1		34.2							
	Copy machine (wet)				1		142.5				
	Electric fan.				10		124.0				

Item	Description	1978 Year			1979 Year			1980 Year			Remarks
		Quantity	Unit	Amount 10 ³ ¥	Quantity	Unit	Amount 10 ³ ¥	Quantity	Unit	Amount 10 ³ ¥	
	Porcelain board.							2		131.9	
	Paper trimmer.							1		195.0	
	Off set printer with binder and parts.							1		242,361.08	
	Rico printer E 120 spare parts.							1		30.4	
	Total			891.45			266.5			357.3	
										242,361.08	

Expenses for Suphan Buri Experiment and Training Center

(Unit : 1,000 ฿)

Kind of work	Fiscal year (Japan)				
	1977	1978	1979	1980	1981
1. Materials and equipments					
		(229)	(344)	(675)	
In-door training		33	42	37	
		(3)	(2)	(23)	
Out-door training		78	82	95	
		(152)	(16)	(190)	
Farming test		920	1,011	1,737	
		(384)	(362)	(888)	
Sub total		<u>1,031</u>	<u>1,135</u>	<u>1,869</u>	
2. Project administration					
		(687)	(183)	(381)	
Materials and equipment		68	20	55	
		(-)	(-)	(-)	
Managerial expense		146.8	233.18	180.5	
		(687)	(183)	(381)	
Sub total		<u>214.8</u>	<u>253.18</u>	<u>235.5</u>	
3. Construction		(-)	(-)	(-)	
		540	-	2,200	
		(-)	(-)	(-)	
Sub total		<u>540</u>	<u>-</u>	<u>2,200</u>	
4. Ins., etc.		(115)	(58)	(69)	
		-	-	-	
		(1,186)	(603)	(1,338)	
Grand total		<u>1,785.8</u>	<u>1,388.18</u>	<u>4,304.5</u>	

() Foreign fund

May 1981.

プロジェクトセンター

Project Center

List of Machinery and Equipment from JICA

Item	1978			1979			1980		
	Quantity	Unit	Amount	Quantity	Unit	Amount	Quantity	Unit	Amount
Vehicles	1	set	10 ³ ¥ 1,715	-			-		-
Copy machine	1	set	} 588	-			-		-
Steel cabinet	1	set		-			-		-
Air Conditioner	-	-	-	-			2	set	47,651¥
Total			2,303						47,651¥

その他

- a. 管理台帳： 各プロジェクト共 現地語の台帳を整備している。
- b. 供与機械の保管

Project Center → Project Center

Chaophya P/P → { Project Site Motor pool (Buldozer, Swampdozer, Back Hoe etc.)
Project Site Tempolally Shed (Tructor, Power-tiller, riceplanter etc.)
ALRO Office (Stationery etc)
Pathom Thani Ware House (Main pump, Fertilizer)
E.T.O (Agent) (Pump Motor)

Mae Klong P/P → { RID Motor Pool
Project Site Ware House
Project Site Garage

Suphanburi T/C → Training Center Building

BY, R/D

地区別	項目	単位	総量	
A. チャオピア事業地区	1 事業管理運営			
	自動車	台	1	
	ボート(エンジン付)	"	2	
	気象観測機器	式	1	
	ポンプ	台	1	
	事務用品	式	1	
	2 農業基盤整備事業			
	2-1 建設機械			
	ブルドーザー 140PS	台	5	
	湿地ブルドーザ 140PS	"	2	
	ブルドーザー 200PS	"	1	
	バックホウ 0.3cum	"	2	
	" 0.6cum	"	2	
	タイヤローラー 10 ton	"	2	
	スクレブドーザ 6.4 cum	"	2	
	ディーゼルハンマー 1.3 ton	"	1	
	ダンブトラック 8 ton	"	3	
	モーターグレーダー 125PS	"	1	
	撒水車 6 ton	"	1	
	2-2 揚水機器			
	ポンプ	台	2	
	ディーゼルエンジン	"	2	
	付属機器	組	2	
	ディーゼル発電機	台	1	
	パナチカルポンプ	"	5	
	3 農業振興サービス			
	3-1 試験ほ場 (室内訓練用)			
計算器	台	5		
育焼器	"	1		
その他教育用機材	"	5		
(室内試験用)				
温度調節機	台	3		

地区別	項目	単位	総量
	冷凍機	台	2
	冷房機	"	2
	加湿機	"	2
	その他試験機械	"	10
	(ほ場用)		
	トラクター 30HP級	台	2
	コンバイン	"	5
	田植機	"	5
	農薬	100 Kg	25.3
	肥料	t	28
	トラック	台	2
	クレーン付トラック	"	1
	ワークショップ	式	1
	その他	台	18
	"	式	22
	(施設用)		
	ポンプ	台	3
	3-2 モデルほ場		
	トラクター	台	3
	耕耘機	"	3
	肥料 農薬	t	5.4
B. マクロン事業地区	1 事業管理運営		
	自動車	台	2
	気象観測機器	式	1
	事務用品	"	1
	2 農業基盤整備事業		
	2-1 建設機械		
	ブルドーザ 4140PS	台	6
	バックホウ 60PS	"	2
	スクレープドーザ 6.4m ²	"	2
	モーターグレーダー 125PS	"	1
	散水車 6t	"	1
	3 農業振興サービス		
	3-1 試験ほ場		
	(室内訓練用)		
	計算器	台	5

地 区 別	項 目	単 位	総 量
	青 洗 器		1
	その他教育用機械	台	5
	(室内試験用)	"	
	温 度 調 節 機	台	3
	冷 凍 機	"	2
	冷 房 機	"	2
	加 湿 機	"	2
	その他試験機械	"	10
	(ほ 場 用)		
	ト ラ ク タ ー 30 HP 級	台	2
	コ ン パ イ ン	"	5
	田 植 機	"	5
	農 薬		25.3
	肥 料	t	28
	ト ラ ッ ク	台	2
	クレーン付トラック	"	1
	ワークショップ	式	1
	そ の 他	台	18
	"	式	22
	(施 設 用)		
	ポ ン プ	台	3
	3-2 モデルほ場		
	ト ラ ク タ ー	台	3
	耕 転 機	"	3
	肥 料 農 薬	t	5.4
C. ステンプリステーション	1 事業管理運営		
	自 動 車	台	1
	事 務 用 品	式	1
	2 農業振興サービス		
	2-1 室内訓練用		
	通 風 乾 燥 機	台	4
	その他教育機材	"	26
	"	式	8
	2-2 室内訓練用		
	マイクروبス	台	1
	ジ ー プ	"	1

地 区 別	項 目	単 位	総 量
	その他教育機材	台	26
	”	式	8
	2-2 室内訓練用		
	マイクロバス	台	1
	ジ ー プ	”	1
	その他訓練用	”	10
	”	式	2
	2-3 ほ 場 用		
	トラクター	台	2
	コンバイン	”	2
	田 植 機	”	4
	そ の 他	”	2
	”	式	12
D. プロジェクトセンター	1 事業管理運営		
	自 動 車	台	2
	事 務 用 品	式	1

延長3ヶ年供与機材

		計(千円)	プロジェクト センター	チャオピア パイロット プロジェクト	メクロン パイロット プロジェクト	スハンブリ 試訓センター
57年度 (1982)	本部購送	14,995	1,320	6,506	3,360	3,809
	現地調達	68,500	135 千パーツ	2,661 千パーツ	2,505 千パーツ	419 千パーツ
	計	83,495				
58年度 (1983)	本部購送	16,834	0	6,238	6,572	4,024
	現地調達	42,000	0	1,384 千パーツ	2,100 千パーツ	470 千パーツ
	計	58,834				
59年度 (1984)	※ 本部購送	9,800				
	現地調達	5,600				
	計					

※ 59年度供与機材は、ほとんど過去に供与した機材のスベアパーツ等が中心である。

5 討議議事録 (R/D)

ON THE RECORD OF DISCUSSIONS BETWEEN THE JAPANESE AGRICULTURAL SURVEY TEAM AND THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THAILAND CONCERNING TECHNICAL CO-OPERATION PROJECT ON THE IRRIGATED AGRICULTURE DEVELOPMENT IN THAILAND

The Japanese Agricultural Survey Team, organized by the Japan International Cooperation Agency and headed by Michio Nakahara, visited Thailand from February 13 to April 13, 1977, for the purpose of formulating concrete co-operation plans for the Technical Co-operation Project on the Irrigated Agriculture Development which will be carried out with the Chao Phya Pilot Project, the Mae Klong Pilot Project and the Suphan Buri Rice Experiment Station and Training Center for the Irrigated Agriculture Development as its cores.

During its stay in Thailand, the Team exchanged views with the authorities concerned of the Government of Thailand on the necessary measures to be taken by both Governments to successfully implement the Technical Co-operation Project on the Irrigated Agriculture Development in Thailand. The Team also conducted necessary survey for the implementation of the Project.

As a result of the exchange of views and survey, both parties agreed to recommend to their respective Governments to carry out the matters referred to in the Record of Discussions.

Bangkok, April 8, 1977

Mr. Michio Nakahara
Head of the Japanese Agricultural
Survey Team
Japan International Cooperation Agency

Mr. Prida Karnasut
Under-Secretary of State
Ministry of Agriculture
and Cooperatives

in the presence of

Mr. Xujati Pramoolpol
Director-General
Department of Technical
and Economic Cooperation

RECORD OF DISCUSSIONS

I. (1) Both Governments will co-operate with each other in implementing the Technical Co-operation Project on the Irrigated Agriculture Development in Thailand (hereinafter referred to as "the Project") with the Chao Phya Pilot Project, the Mae Klong Pilot Project and the Suphan Buri Rice Experiment Station and Training Center for the Irrigated Agriculture Development (hereinafter referred to as "the Suphan Buri Station") as its cores. The Project aims at contributing to the promotion of land consolidation, the improvement and extension of agricultural production technology, the development and strengthening of farmers' organization and other related activities which will be necessary for increase of rice yield and expansion of multi-cropping area.

(2) The Project will be implemented in accordance with the Master Plan as stipulated in Annex I.

(3) The Project will be implemented under the supervision and direct of the Project Director referred to in VIII.

(4) The Project will be implemented in accordance with the annual operational work plan to be formulated annually by the Joint Committee referred to in X.

The annual plan will be submitted to the authorities concerned of both Governments for their approval.

II. (1) In accordance with laws and regulations in force in Japan, the Japanese authorities concerned will take necessary measures to provide at their own expense the services of the Japanese experts as listed in Annex II through the normal procedures under the Colombo Plan Technical Co-operation Scheme.

(2) The Japanese experts referred to in (1) above and their families will be granted in Thailand the privileges, exemptions and benefits no less favourable than those accorded to experts of third countries working in Thailand under the Colombo Plan Technical Co-operation Scheme.

III. (1) In accordance with laws and regulations in force in Japan, the Japanese authorities concerned will take necessary measures to provide at their own expense such equipment, machinery, implements, vehicles, tools, spare parts and other materials required for the implementation of the Project as listed in Annex III through the normal procedures under the Colombo Plan Technical Co-operation Scheme.

(2) The articles referred to in (1) above will become the property of the Government of Thailand upon being delivered c.i.f. to the Thai authorities concerned at the ports of disembarkation, and will be utilized exclusively for the implementation of the Project in consultation with the Japanese Team Leader referred to in Annex II.

IV. (1) A part of the goods referred to in III (1) may be rented at reasonable rates to farmers in areas to be decided after mutual consultations between the authorities concerned of both Governments and a part of consumable items such as fertilizer, agricultural chemicals, etc. may also be transferred at reasonable prices to the farmers in the above-mentioned areas.

(2) The proceeds from such rentals or transfers will be used exclusively for the implementation of the Project in accordance with laws and regulations in force in Thailand.

(3) The provisions of (1) and (2) above will be applied in accordance with the annual operational work plan referred to in I (4) above, and there will be close consultations between the Japanese Team Leader referred to in Annex II and the Thai Project Director referred to in Annex IV as regards their application.

V. (1) In accordance with laws and regulations in force in Japan, the Japanese authorities concerned will take necessary measures to receive the Thai personnel engaged in the Project for technical training or study tour in Japan through the normal procedures under the Colombo Plan Technical Co-operation Scheme.

(2) The Government of Thailand will take necessary measures to ensure that the knowledge and experience acquired by the Thai personnel mentioned in (1) above through technical training and study tour in Japan may be utilized effectively for the implementation of the Project.

VI. The Government of Thailand will take necessary measures to provide at its own expense:

(1) the services of the Thai counterparts and other personnel as listed in Annex IV;

(2) land and buildings as listed in Annex V as well as incidental facilities;

(3) supply or replacement of equipment, machinery, implements, vehicles, tools, and spare parts, and any other materials necessary for the implementation of the Project other than those provided by the Japanese authorities concerned under III (1);

(4) suitably furnished housing accommodations for the Japanese experts and their families;

(5) transportation facilities and the grant of the travel allowance for the Japanese experts for the official travel within Thailand.

VII. The Government of Thailand will take necessary measures to meet:

(1) expenses necessary for transportation within Thailand of the articles mentioned in III (1) as well as for the installation, operation and maintenance thereof;

(2) all running expenses necessary for the implementation of the Project;

(3) customs duties, internal taxes and any other charges, imposed in Thailand in respect of the articles referred to in III (1).

VIII. The Government of Thailand will appoint the Project Director who will be responsible for the administration and implementation of the Project, and the Japanese experts will provide primarily technical guidance and advice for the implementation of the Project.

IX. The Government of Thailand shall undertake to bear claims, if any arises, against the Japanese experts engaged in the Project resulting from, occurring in the course of, or otherwise connected with, the discharge of their official functions in Thailand, except for those claims arising from willful misconduct or gross negligence of the Japanese experts.

X. There will be close consultation between the Japanese experts and the officials concerned of the Government of Thailand for the smooth promotion and effective implementation of the Project. For this purpose, a Joint Committee will be established as specified in Annex VI. The Joint Committee will meet at least once a year.

XI. For the successful implementation of the Project, both Governments will consult with each other when deemed necessary.

XII. The period of the technical co-operation mentioned in this Record of Discussions will be give (5) years from the date of signature and co-operation thereafter will further be consulted between the authorities concerned of both Governments.

Annex I. Master Plan of the Project

The Project consists of the Project Center and three sub-projects; namely Chao Phya Pilot Project, Mae Klong Pilot Project and Experiment and Training Project, in order to promote the Irrigated Agriculture Development Plan in an integrated and effective manner.

1. The Project Center

The Project Center will be established in Bangkok and will function as the headquarter.

The activities of the Center are as follows:

(1) To give necessary technical advices for planning and implementation of the Irrigated Agriculture Development Plan in the Lower Greater Chao Phya Basin and the Greater Mae Klong Basin, centering around the pilot areas in respective Basins;

(2) To conduct managerial and coordinating works in order to promote smooth and effective implementation of three sub-projects.

2. The Chao Phya Pilot Project

The Chao Phya Pilot Project of about 500 ha for agricultural development of the flood irrigation area will be set up in Tambol Phraya Banlu, Amphoe Lat Bua Luang, Changwat Ayutthaya.

3. The Mae Klong Pilot Project

The Mae Klong Pilot Project (No. 1) of about 400 ha and the Mae Klong Pilot Project (No. 2) of about 500 ha will be set up in Tambol Maungchum and Banmai, Ampoe Tha Muang, Changwat Kanchanaburi and in Tambol Taklamen, Amphoe Tha Maka, Changwat Kanchanaburi respectively for agricultural development by means of multi-cropping.

The activities of the Pilot Projects mentioned in 2 and 3 above are as follows:

(1) To plan and execute the improvement works of the agricultural physical infrastructure, such as field rearrangement, farm roads, irrigation and drainage facilities and empoldering dikes (as required in Chao Phya), in each pilot area;

(2) To advise on technical matters to farmers in the pilot areas and staff concerned for effective water management;

(3) To conduct trials with improved agricultural techniques of rice cultivation mainly at the trial farm of about 10 ha;

(4) To provide training and guidance to farmers in the pilot areas and their vicinities on improved agricultural techniques;

(5) To introduce and demonstrate improved agricultural techniques at a few model farms which will be selected in the pilot areas;

(6) To foster and strengthen farmers' organizations for water management, joint co-operative activities for distribution of agricultural materials, collection and forwarding of agricultural products and other activities necessary in the pilot areas including their vicinities when necessity arises.

The implementation of the Mae Klong Pilot Project (No. 2) will be of extensive method.

4. Experiment and Training Project

The activities of the Suphan Buri Station located in Tambol Kua Yai, Amphoe Muang, Changwat Suphan Buri are as follows:

To conduct experiments and training on improved agricultural techniques for the successful implementation of the Irrigated Agriculture Development in the pilot areas and their vicinities.

The experiment mentioned above will be primarily carried out by the Government of Thailand and the trainees will be agriculture officers and staff concerned.

Annex II. List of Japanese Experts

<u>Category</u>	<u>Field</u>
1. Team Leader	
2. Experts and associated experts	Irrigation and Drainage Land Consolidation Agricultural Economy Agricultural Machinery Agronomy Extension Water Management
3. Liaison Officer	

- Note:
1. Team Leader, a land consolidation expert, an agricultural economy expert and a liaison officer will be attached to the Project Center.
 2. A sub-leader will be nominated from among experts in each sub-project.
 3. The number of long term experts including a few associated experts to be dispatched concurrently will not exceed 20 persons in total.
 4. Some additional short term experts in the fields mentioned above as well as others may also be dispatched when necessity arises.

Annex III. Articles to be provided by the Government of Japan

1. Construction machinery and equipment; including pumps and their accessories, and their spare parts.
2. Agricultural machinery and implements and their spare parts.
3. Fertilizer and agricultural chemicals.
4. Machines and tools for repair work.
5. Equipment, instruments, tools, their spare parts and other materials for experiment.
6. Equipment and materials for public utilities.
7. Vehicles and motor boats.
8. Teaching materials including audio-visual aids.
9. Other necessary equipment, tools, and materials to be mutually agreed upon for the effective implementation of the Project.

Annex IV. List of Thai Counterpart Officials and Other Personnel

<u>Category</u>	<u>Field</u>
1. Project Director	
2. Counterpart Officials	Irrigation and Drainage Land Consolidation Agricultural Economy Agricultural Machinery Agronomy Extension Water Management
3. Clerical and Service Employees	
4. Laborers	

Note: Thai experts will be posted as counterparts to Japanese experts.

Annex V. Land and Buildings

1. Project Center

Buildings:

- a. Project Director's room
- b. Team Leader's room
- c. Office room
- d. Working room
- e. Store room
- f. Meeting room
- g. Garage
- h. Others

2. Each Pilot Project

(1) Land

- a. Land for trial farm
- b. Land for buildings

(2) Buildings

- a. Offices including lecture room and meeting room
- b. Sheds for machinery and equipment
- c. Storehouses for farming materials
- d. Fuel storage
- e. Workshop
- f. Garage
- g. Management office for trial farm
- h. Housing for staff
- i. Guest house
- j. Others

3. Experiment and Training Project

Buildings, farms and other facilities attached to the Suphan Buri Station.

6 関連報告書リスト

番号	報告書名	発行時期	JICA 図書資料室 整理番号
1	Feasibility Report on the Greater Mae Klong Multi-purpose Project, Thailand Second Stage Development for Irrigation, Flood Control and Hydropower	43.	
2	Study of the Development Priorities of the Greater Mae Klong Irrigation Project in Thailand (Interim Report) June 1974	49. 6	
3	Greater Mae Klong Irrigation Project Volume I Main Report	49.	
4	タイメクロン川流域洪水予警報事前調査報告書	50. 3	7.1 - 3945
5	Report on Preliminary Survey For Mae-Klong River Basin Flood Forecasting Project, Thailand	50.	7.1 - 4662
6	The Conflict Between Rice and Sugar Cane Farmers over Irrigation Water in the Mae Klong Irrigation Project	"	
7	タイかんがい農業開発予備調査報告(第1部 総括編)	51. 8	4.13 - 4235
8	同上 (第2部 部門編)	"	4.13 - 5208
9	Summary Report of the Preliminary Survey Mission on Irrigated Agriculture Project in Thailand	51.	4.13 - 4236
10	Preliminary Survey Report to the Master Plan Study for Irrigated Agricultural Development Project in the Greater Mae Klong River Basin	"	
11	タイ国メクロン流域マスタープラン実施二次および三次調査に関するプロポーザル	"	
12	タイ国農地改革法ほ場整備法	52. 5	4.11 - 5886
13	タイ国のかんがいほ場整備事業(部内参考資料)	52. 7	4.1 - 6070
14	タイかんがい農業開発技術協力計画実施設計調査報告書	"	

番号	報告書名	発行時期	JICA 図書資料室 整理番号
15	タイかんがい農業開発メクロン地区実施調査現地報告書	52.	
16	Design Report : the Technical Cooperation Project on the Irrigated Agriculture Development in Thailand	"	
17	Preliminary Survey Report to the Master Plan Study for Irrigated Agricultural Development in the Greter Mae Klong River Basin	"	
18	タイ国メクロン川流域マスタープラン事前調査中間報告	"	
19	同 上 事前調査報告書	52. 12	4 196- 1 3 5 6
20	タイ国メクロン川流域マスタープラン実施調査(2)に関する中間報告書 Vol. III	53.	
21	同 上 Vol. II	"	
22	タイ国メイクロン川流域マスタープラン事前調査(第2次)現地業務報告書 53. 10. 1 ~ 10. 31 第4報	"	
23	同 上 53. 11. 1 ~ 11. 30 第5報	"	
24	タイメイクロン川流域マスタープラン実施調査中間報告書	"	
25	同 上 第2次報告書	"	
26	同 上 (2)に関する中間報告書(草案) Volume I	"	
27	Irrigated Agricultural Development Project in the Kingdom of Thailand - Interim Report (2) (Wet Season) on Master Plan Study for the Great Mae Klong River Development Project October 1978	53. 10	
28	同 上 - Interim Report (Jun 1978 ~ March 1979) on Master Plan Study for the Greater Mae Klong River Basin Development Project	54.	

番号	報告書名	発行時期	JICA 図書資料室 整理番号
29	タイ国かんがい農業開発計画メクロン川流域カンバンセンかんがい農業開発計画実施調査現地中間報告書	54.	
30	同上 (部内限)	"	
31	タイ国メクロン川流域カンバンセンかんがい農業開発計画実施調査報告書(草案)	"	
32	同上 附随書(草案)	"	
33	Briefing on Feasibility Study of Kampaengsaen Irrigated Agricultural Development Project in the Kingdom of Thailand	"	
34	Feasibility Report on Kampaen Saen Irrigated Agricultural Development Project in the Kingdom of Thailand	"	
35	Irrigated Agricultural Development Project in the Kingdom of Thailand : Investigation Notes on the Feasibility Study for the Kampaeng Saen Irrigated Agricultural Development Project	"	
36	Appendices on Kampaeng Saen Irrigated Agricultural Development Project in the Kingdom of Thailand	"	
37	タイ国メクロン川流域マスタープラン実施調査(第2次)現地調査業務報告書 53.12.1~12.25 第6報	"	
38	タイ国カンバンセン地区かんがい農業開発計画実施調査に関するプロポザル	"	
39	Irrigated Agricultural Development Project in the Kingdom of Thailand : Investigation Notes (Second Survey) on the Feasibility Study For the Kampaen Saen Irrigated Agricultural Development Project	"	
40	タイ国メクロン川流域カンバンセンかんがい農業開発計画実施調査報告書	"	
41	タイ国かんがい農業開発計画メクロン川流域カンバンセンかんがい農業開発計画実施調査現地中間報告書 一 要約, 54年3月	54. 3	

番号	報 告 書 名	発行時期	JICA 図書資料室 整理番号
42	タイ国メクロン川流域マスタープラン実施二次調査報告書（昭和53年度）第2分冊	54.	
43	同 上 実施三次調査，作業監理委員会タイ・メクロン川流域マスタープラン報告書	”	
44	Irrigated Agricultural Development Project in the Kingdom of Thailand - Interim Report (3)	54. 10	
45	タイ国メクロン川流域マスタープラン実施三次調査報告書（現地）	”	
46	メクロン川流域マスタープラン第2次実施調査（乾季）中間報告書	54. 2	
47	Irrigated Agricultural Development Project in the Kingdom of Thailand - Investigation Notes (Dry Season) on Master Plan Study of the Greater Mas Klong River Basin Development Project	”	
48	タイ国かんがい農業開発メクロン川流域カンパンセンかんがい農業開発計画実施二次調査報告書	54. 7	
49	Feasibility Report on the Kampaeng Saen Irrigated Agricultural Development Project in the Mae Klong River Basin in the Kingdom of Thailand - Main Report	54. 10	
50	同 上 - Appendix	”	
51	タイ国メクロン川流域マスタープラン報告書	54. 12	
52	タイ国メクロン川流域マスタープラン実施調査報告書	55. 3	
53	Master Plan Study for the Greater Mae Klong River Basin Development Project : Summary	55.	
54	タイかんがい農業開発計画，マレーシア水管理訓練計画巡回指導チーム報告書	54. 3	4195- 6673
55	昭和54年度マレーシア水管理訓練計画及びタイかんがい農業開発計画巡回指導チーム報告書	55. 1	4196- 6962
56	タイかんがい農業開発計画，マレーシア水管理訓練計画巡回指導チーム報告書	56. 1	4195- 9992

番号	報 告 書 名	発行時期	JICA 図書資料室 整理番号
57	タイかんがい農業開発計画エバリュエーションチーム報告書	57. 4	4133- 14943
58	タイかんがい農業開発計画の現況 (エバリュエーションチームの報告書付属)	"	4133- 14944
59	タイかんがい農業開発計画の概要	56. 1	4198- 9422
60	同 上 打合せチーム報告書	57. 8	
61	タイかんがい農業開発計画帰国総合報告書 I	56. 1	
62	" II	58. 2	
63	" III	59. 1	
64	タイかんがい農業開発計画巡回指導調査報告書	58. 11	
65	東南アジアの野そとその被害・防除	59. 2	
66	タイかんがい農業開発計画第2次エバリュエーション報告書 (本報告書)	60. 1	
67	タイかんがい農業開発計画帰国総合報告書 IV (別冊)	60. 1	
	" V	60. 6	
	" VI		
	" VII		

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