

PROJECT SUMMARY (F/S)

CSA PRY/A 303/89

Compiled Mar.1991

Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|--|---|---|--|--|--|--|--|
| 1.COUNTRY | Paraguay | 1.SITE OR AREA | | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing |
| 2.NAME OF STUDY | Integrated Rural Infrastructure Improvement Project in La Colmena | Paraguari, La Colmena City | | | | | |
| 3.SECTOR | Agriculture/General | 2.PROJECT COST | | | | (Description) Out of the components formulated in the F/S study, following priority projects were implemented as the grant aid projects of the Japanese government. 1. Road Improvement; improvement : 9 routes L=21.6km Bridge:1 Place, Culvert : 13 Places 2. Irrigation Facilities; Intake Facilities: 2 Places Regulating Pond: 2 Places, Conducting Pipeline: L= 5.0km Distribution Pipeline : L=20.7km 3. Rura Water Supply Facilities; Well: 1 Place Filtration Plant : 1 Place, Distribution Pond : 1 Place Distribution Pipeline:L=38.7km 4. O&M Facilities; O&M Center: 1 Place A=280sq.m O&M Machines:Grader 1 unit, Pickup 1 unit, Bike 1 unit The project implementation is as follows. -1989/Dec. B/D by Naigai Engineering Co.,Ltd. -1990/Jul. E/N (0.526 billion Yen) -1990/Aug.-Sep. D/D -1991/Feb. Commence of the phase 1 works -1991/Sep. Commence of the phase 2 works (FY1991 Overseas Office Survey) -1992/May. Completion -1992/Jun. Hand over (FY1992 Overseas Survey) No additional information. | |
| 4.REFERENCE NO. | | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | |
| 5.TYPE OF STUDY | F/S | Project | | | | | |
| 6.COUNTERPART AGENCY | Ministry of Agriculture and Livestock, Technical Secretariat | Overall Components | | | | | |
| 7.OBJECTIVES OF STUDY | Formation of agricultural and rural development plan | First Stage | | | | | |
| 8.DATE OF S/W | Jan.1988 | Future Stage | | | | | |
| 9.CONSULTANT(S) | Naigai Engineering Co., Ltd. | Imp. Period: Dec.1989-Dec.1992 | | | | | |
| 10.STUDY TEAM | No.of Members 9 Period Jul.1988-Jun.1989 (12 months) | 4.FEASIBILITY AND ITS ASSUMPTIONS | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | Boring survey | Feasibility: Yes | | | | | |
| 12.EXPENDITURE | Total 175,299 (¥'000) Contracted 120,904 | Conditions and Development Impacts: | | | | | |
| | | Condition: 1) Growth rate of the farmer's agricultural income for future 10 years will be projected over 6 percent per annum; 2) To conserve the natural environment, land use of the development scheme will be concentrated to the existing farm lands; 3) In the agricultural developmentn sector, integrated development plan referred to the farming, management and operation will be established on the premise that the water resources development, improvement of the farm roads, building and bringing-up of the agricultural cooperative; 4)Rural electrification will be introduced to the area where the electricity is not available. This will be the core project to accelerate the modernization of living standards and agricultural form in the projected area. 5) In line with the projected rural infrastructure plan, establishment of the O & M center will be proposed together with the organization and working plan. Benefits: (Unit: 1,000G) | | | | | |
| | | Overall | | | | | |
| | | First Stage | | | | | |
| | | Future Stage | | | | | |
| | | Increased agricultural production | | | | | |
| | | Improved qualities of products | | | | | |
| | | Reduction of costs | | | | | |
| | | Others | | | | | |
| | | 5. TECHNICAL TRANSFER | | | | | |
| | | OUT | | | | | |
| | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | |
| | | ①② | | | | | |

和名 ラ・コルメナ地区農村総合整備計画

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (M/P)

Compiled Mar.1993

Revised

CSA PRY/S 103/91

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | | | |
|-----------------------|--|--|---|---|--|-----------|-------|-------|--------|-------|-------|--|
| 1.COUNTRY | Paraguay | 1.SITE OR AREA | Whole Paraguay and its export corridor | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | | | | |
| 2.NAME OF STUDY | National Transport Master Plan | 2.PROJECT COST | Total Cost Local Cost Foreign Cost (US\$1,000) 1) 2,576,500 2) | (Description) The short term (-1995), mid term (-2000) and long term (-2010) road development program based on the M/P network is going to be approved by the Cabinet. The various financial assistances are requested along with the program. 1991.12 The improvement of the National Highway No.3 Limpio-San Estanislao (127km) for World Bank Loan. 1991.12 The official request to dispatch Japanese experts to the MDPC as an activity to enhance the transport information sector was sent. (FY1992 Overseas Survey) Waiting for the answer. | | | | | | | | |
| 3.SECTOR | Transportation/General | 3.CONTENTES OF MAJOR PROJECT(S) | 1. Highway Transport: R-1 Trunk Road Development; Primary highways Development; Secondary Highways Development. R-2 Rural Road Development. R-3 Amistad Bridge Expansion. R-4 Sant Tome - Sao Borja Bridge Construction. 2. Water Transport: N-1 Domestic Cereals Export terminals. N-2 Cereales Export Terminals at Free Zones. N-3 Main Foreign Trade Port at Villeta. N-4 Regional Freight Terminals. N-5 Petroleum Distribution Terminals. N-6 Paraguay River Improvement and Maintenance. N-7 Parana River Improvement and Maintenance. N-8 Fleet Enhancement. 3. Rail Transport: F-1 Asuncion Suburban Area Rail Improve. F-2 Gral. Artigas - Encarnacion Rail Improve. F-3 Villarrica - Gral.Artigas Rail Improve.F-4 Ypacarai - Villarrica Rail Improv. F-5 Encarnacion - Sao Borja 4 Rail System Development. F-6 Cereals Export Railway Terminals. F-7 Enhancement of Rolling Stocks. F-8 Nueva Palmira Port Branch Construction. 4. Air Transport: A-1 International Airports Facilities Development. A-2 Local Airports Facilities Development. A-3 Air Route Facilities Development. A-4 GSE Enhancement. | | | | | | | | | |
| 4.REFERENCE NO. | | 4.CONDITIONS AND DEVELOPMENT IMPACTS | Condition: Elevation of water level in the early mid of 90s by the Yacireta Dam Construction. (Project N-5, N-7, F-2, F-3, F-4) Development Impacts: 1. Improvement of inter city access time by the trunk road development. 2. Promotion of agriculture activities by the rural road development. 3. Promotion of export by the improvement of export corridor facilities. | | | | | | | | | |
| 5.TYPE OF STUDY | M/P | 10.STUDY TEAM | No.of Members 14 Period Mar.1990-Jan.1992(10 months) <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">100.15</td> <td style="text-align: center;">26.01</td> <td style="text-align: center;">74.14</td> </tr> </table> | | | Total M/M | Japan | Field | 100.15 | 26.01 | 74.14 | |
| Total M/M | Japan | Field | | | | | | | | | | |
| 100.15 | 26.01 | 74.14 | | | | | | | | | | |
| 6.COUNTERPART AGENCY | Ministry of Public Works and Communication | 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | Road Side OD Survey; Industries Comodity flow interview; and Transport Industries interview | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | - Planning to the optimum transport system for regional development and to support foreign trade. - Planning of short to long term transport improvement policy and implementation program. | 12.EXPENDITURE | 5.TECHNICAL TRANSFER Transfer of transport related data base. | | | | | | | | | |
| 8.DATE OF S/W | Oct.1989 | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | | | |
| 9.CONSULTANT(S) | Yachiyo Engineering Co., Ltd. Mitsubishi Research Institute Overseas Coastal Area Development Institute of Ja Japan Railway Technical Service | | 3.PRINCIPAL SOURCE OF INFORMATION ① | | | | | | | | | |
| | | | | | | | | | | | | |

和名 総合交通計画

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (F/S)

Compiled Mar.1990
Revised

CSA PER/A 301/77

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|-----------------------|--|---|--|--|--|---|---|
| 1.COUNTRY | Peru | 1.SITE OR AREA | | Total Cost Local Cost Foreign Cost | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing |
| 2.NAME OF STUDY | Proyecto de la construccion del complejo pesquero del centro | Ventanilla | | | | | |
| 3.SECTOR | Fisheries/Fisheries | 2.PROJECT COST | | 3.CONTENTES OF MAJOR PROJECT(S) -Planning of proper scale facilities and their arrangement in fishing base -Basic design of the structure -Estimate of construction cost and period -Economic and financial analysis | | (Description) No information is available. | |
| 4.REFERENCE NO. | | (US\$1,000) 1) 2) 3) | | | | | |
| 5.TYPE OF STUDY | F/S | 6.COUNTERPART AGENCY | | 4.FEASIBILITY AND ITS ASSUMPTIONS | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| 7.OBJECTIVES OF STUDY | | | | | | | |
| 8.DATE OF S/W | .0 | Imp. Period: | | Feasibility: EIRR1) FIRR1) Yes EIRR2) FIRR2) EIRR3) FIRR3) | | 3.PRINCIPAL SOURCE OF INFORMATION | |
| 9.CONSULTANT(S) | | Conditions and Development Impacts: The proportion of fish for processed use accounts for large part of fishery of Peru. Production of fish for food as a supplier of protein will be promoted by the effective operation of comprehensive fishing base. | | | | | |
| 10.STUDY TEAM | No.of Members Period Oct.1976-Dec.1976(2 months) | 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.TECHNICAL TRANSFER | | | |
| | Total M/M Japan Field | | | | | | |
| 12.EXPENDITURE | Total 56,672 (¥'000) | | | | | | |
| | Contracted | | | | | | |

和名 中部漁業総合基地建設計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (M/P+F/S)

CSA PER/S 201A/83

Compiled Mar.1986
Revised Dec.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | | | | | | | | | | | |
|--|---|--------------------------------------|--|--------------|--|--|-------------|----|------------|------------|--------------|--|--|--------|--------|--|----------------|----|--|--|--|
| 1.COUNTRY | Peru | 1.SITE OR AREA | Lima Capital area (metropolitan area) | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | | | | | | | | | | | | |
| 2.NAME OF STUDY | Development Project of the Port of Callao | 2.PROJECT COST | | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(US\$1,000)</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">Total Cost</td> <td style="text-align: center;">Local Cost</td> <td style="text-align: center;">Foreign Cost</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">99,634</td> <td style="text-align: center;">29,634</td> <td></td> </tr> <tr> <td style="text-align: center;">(US\$1=257Yen)</td> <td style="text-align: center;">2)</td> <td></td> <td></td> <td></td> </tr> </table> | | (US\$1,000) | 1) | Total Cost | Local Cost | Foreign Cost | | | 99,634 | 29,634 | | (US\$1=257Yen) | 2) | | | |
| (US\$1,000) | 1) | Total Cost | Local Cost | Foreign Cost | | | | | | | | | | | | | | | | | |
| | | 99,634 | 29,634 | | | | | | | | | | | | | | | | | | |
| (US\$1=257Yen) | 2) | | | | | | | | | | | | | | | | | | | | |
| 3.SECTOR | Transportation/Port | 3.CONTENTES OF MAJOR PROJECT(S) | Major contents of the master plan: -container berths 4 new berths -grain berths 2 new berths -general cargo berth 1 new berth 2 renovated berths -petroleum berth 1 new berth -breakwater, basin, handling equipment | | | | | | | | | | | | | | | | | | |
| 4.REFERENCE NO. | | | | | | | | | | | | | | | | | | | | | |
| 5.TYPE OF STUDY | M/P+ (F/S) | | | | | | | | | | | | | | | | | | | | |
| 6.COUNTERPART AGENCY | Empresa Nacional de Puertos S.A. (ENAPU) | | | | | | | | | | | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | -Formulation of a Master Plan through 2000 -Formulation of a Short-term Development Plan through 1987 | 4.CONDITIONS AND DEVELOPMENT IMPACTS | The project will solve the problem of long waiting time that occurs both due to superannuation and shortage of the port facilities of Callao and due to the defective handling operation system. It will also help prepare the port to handle containers and larger ships. | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | | | | | | | | | | |
| 8.DATE OF S/W | Apr.1982 | | | | | | | | | | | | | | | | | | | | |
| 9.CONSULTANT(S) | Overseas Coastal Area Development Institute of Ja | | | | | | | | | | | | | | | | | | | | |
| 10.STUDY TEAM | No.of Members 12 Period Jul.1982-Sep.1983(16 months) | | | | | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">101.93</td> <td style="text-align: center;">75.80</td> <td style="text-align: center;">26.13</td> </tr> </table> | Total M/M | Japan | Field | 101.93 | 75.80 | 26.13 | | | | | | | | | | | | | | |
| Total M/M | Japan | Field | | | | | | | | | | | | | | | | | | | |
| 101.93 | 75.80 | 26.13 | | | | | | | | | | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.technical transfer | OJT of counterparts on the method of Port Planning and F/S. | | 3.PRINCIPAL SOURCE OF INFORMATION | ①② | | | | | | | | | | | | | | | |
| 12.EXPENDITURE | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">233,886 (Y'000)</td> </tr> <tr> <td style="text-align: center;">Contracted</td> <td style="text-align: center;">280,126</td> </tr> </table> | Total | | | 233,886 (Y'000) | Contracted | 280,126 | | | | | | | | | | | | | | |
| Total | 233,886 (Y'000) | | | | | | | | | | | | | | | | | | | | |
| Contracted | 280,126 | | | | | | | | | | | | | | | | | | | | |

和名 カジャオ港整備計画

(M/P,M/P+(F/S),Basic Study,Other)

PROJECT SUMMARY (M/P+F/S)

CSA PER/S 201B/83

 Compiled Mar.1986
 Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|--|--|-----------------------------------|--|---|----------------------------------|---|--|
| 1.COUNTRY | Peru | 1.SITE OR AREA | | Lima Capital Area (metropolitan area) | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input checked="" type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="radio"/> Processing |
| 2.NAME OF STUDY | Development Project of the Port of Callao | 2.PROJECT COST | | Total Cost | Local Cost | | |
| 3.SECTOR | Transportation/Port | | | (US\$1,000) | 99,634 | 29,634 | (Description) Delayed after the completion of F/S due to the problem of external debt accumulation. (FY1991 Overseas Survey) The Peruvian government assigns high priority to the proposed project, and plans to resubmit the application for Japanese aid during 1992 after reducing the scale of the project. (FY1992 Overseas Survey) The port facility of handling the volume of cargoes is expected to be beyond the future volume of cargoes. |
| 4.REFERENCE NO. | | | | 1) | | | |
| 5.TYPE OF STUDY | (M/P)+F/S | | | 2) | | | |
| 6.COUNTERPART AGENCY | Empresa Nacional de Puertos S.A. | | | 3) | | | |
| 7.OBJECTIVES OF STUDY | -Formulation of a Master Plan through 2000 -Formulation of a Short-term Development Plan through 1987 | 3.CONTENTS OF MAJOR PROJECT(S) | | The main purpose of the Short-term Plan through 1987 is containerization and provision of enough facilities. | | | |
| 8.DATE OF S/W | Apr.1982 | Imp. Period: | | Jun.1984-Dec.1987 | | | |
| 9.CONSULTANT(S) | Overseas Coastal Area Development Institute of Ja | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: Yes | EIRR1) 19.53 EIRR2) EIRR3) | FIRR1) 35.31 FIRR2) FIRR3) | |
| 10.STUDY TEAM | No.of Members 12 Period Jul.1982-Sep.1983(15 months) | | | Conditions and Development Impacts: Development Impacts: The project will solve the problem of long waiting time that occurs both due to superannuation and shortage of the port facilities of Callao and due to the defective handling operation system. It will also help prepare the port to handle containers and larger ships. | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | 5.TECHNICAL TRANSFER | | | |
| 12.EXPENDITURE | Total 233,886 (¥000) Contracted 280,126 | | | OJT of counterparts on the method of Port Planning and F/S. | | | |
| | | | | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| | | | | | | -Deterioration of economic conditions and accumulation of external debts. -Political and social destabilization in recent years. (FY1992 Overseas Survey) A request was made to the Instituto Nacional de Planificacion for financing the project. However, it was not yet accepted. | |
| | | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | |
| | | | | | | ①② | |

和名 カジャオ港整備計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (F/S)

CSA PER/A 302/84

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | | |
|---|--|---|----------------|---------------------|----------------------------------|---|---|---|--|
| 1.COUNTRY | Peru | 1.SITE OR AREA | | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing | | |
| 2.NAME OF STUDY | Chancay-Huaral Valley Rehabilitation Project | Chancay-Huaral valley, 80km from Lima | | | | | | | |
| 3.SECTOR | Agriculture/General | 2.PROJECT COST | | Total Cost | Local Cost | Foreign Cost | | | |
| 4.REFERENCE NO. | | (US\$1,000) | 1) 2) 3) | 41,474 | 18,890 | 22,584 | | | |
| 5.TYPE OF STUDY | F/S | 3.CONTENTES OF MAJOR PROJECT(S) | | | | (Description) The priority project (rehabilitation of irrigation and drainage facilities) proposed in the F/S was implemented by the grant from the Japanese government. 14,400 ha of farm land was developed in two stages. Nov.1987 Request for grant aid Jan.1989 B/D (Naigai Engineering Co.,Ltd.) Jun.1989 grant aid E/N (984 million Yen) Jul.1989 D/D (Naigai Engineering Co.,Ltd.) Jan.1990 - Mar.1991 Stage 1 construction Oct.1990 Grant aid E/N (691 million yen) Feb.1991 - 1992 Stage 2 construction (FY1991 Overseas Survey) No additional information. | | | |
| 6.COUNTERPART AGENCY | Instituto nacional de ampliacion de la frontera agricola | Irrigated area : 20,200 ha Intake facilities : 8 places Irrigation canal : 175km Pond : 18 places Drainage canal : 70 km Underdrainage : 407 km Road : 174 km Dike : 14 km The cost above is estimated in 1984 prices. | | | | | | | |
| 7.OBJECTIVES OF STUDY | Agricultural development | | | | | | | | |
| 8.DATE OF S/W | Dec.1983 | Imp. Period: Apr.1985-Oct.1992 | | | | | | | |
| 9.CONSULTANT(S) | Naigai Engineering Co., Ltd. Chuo Kaihatsu International Corp. | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: Yes | EIRR1) 17.80 EIRR2) EIRR3) | | | FIRR1) FIRR2) FIRR3) | |
| 10.STUDY TEAM | No. of Members 12 Period Feb.1984-Mar.1985 (14 months) | Conditions and Development Impacts: | | | | | | | |
| | Total M/M Japan Field 55.51 23.31 32.20 | Benefits: Increase of agricultural products 18,600 (1,000US\$/year) Reduction of O/M costs 101 (1,000US\$/year) Improvement of roads 184 (1,000US\$/year) | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.TECHNICAL TRANSFER | | | | | | | |
| 12.EXPENDITURE | Total 167,369 (¥'000) Contracted 154,361 | 1.Acceptance of 2 trainees 2.OJT | | | | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| | | | | | | | | The project was given top priority for early implementation to raise the self-sufficiency of basic foods and to increase exports. | |
| | | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | |
| | | | | | | ①② | | | |

和名 チャンカイ・ワラル谷かんがい復旧計画

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (M/P+F/S)

CSA PER/S 202A/86

Compiled Mar.1990
Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | |
|--|--|--|---|-----------|--|--|-------|-------|-------|-------|
| 1.COUNTRY | Peru | 1.SITE OR AREA | Existing Lima Int'l Airport in Lima, Peru | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | |
| 2.NAME OF STUDY | Development Project of Jorge Chavez Lima-Callao International Airport | 2.PROJECT COST | | | Total Cost Local Cost Foreign Cost | (Description) Followed by F/S. (FY1991 Overseas Survey) The proposals of the study was incorporated into the national air navigation plan. Due to the reduction of technical personnel and budget allocations, steps necessary for the plan realization has been slowed down. | | | | |
| 3.SECTOR | Transportation/Air Transportation & Airport | (US\$1,000) | 1) 2) | | | | | | | |
| 4.REFERENCE NO. | | 3.CONTENTENTS OF MAJOR PROJECT(S) | | | | | | | | |
| 5.TYPE OF STUDY | M/P+(F/S) | 1. Runway overlay and improvement 2. Passenger terminal expansion (35,000 sq.m) 3. Renewal of obsolete equipment | | | | | | | | |
| 6.COUNTERPART AGENCY | Ministerio de Transportes y Comunicaciones | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | |
| 7.OBJECTIVES OF STUDY | To examine technical, economic and financial feasibility of the short-term(1995) development project | Development Impacts: 1. foreign exchange earnings 2. time saving 3. effects of air passengers 4. employment effects 5. economic multiplier effects | | | | | | | | |
| 8.DATE OF S/W | Nov.1984 | 10.STUDY TEAM | | | | | | | | |
| 9.CONSULTANT(S) | Japan Airport Consultants, Inc. | No.of Members 8 Period Jul.1985-Jun.1986(12 months) | | | | | | | | |
| | | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Total M/M</th> <th style="text-align: left;">Japan</th> <th style="text-align: left;">Field</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">46.63</td> <td style="text-align: center;">33.23</td> <td style="text-align: center;">13.40</td> </tr> </tbody> </table> | | Total M/M | Japan | | Field | 46.63 | 33.23 | 13.40 |
| Total M/M | Japan | Field | | | | | | | | |
| 46.63 | 33.23 | 13.40 | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5. TECHNICAL TRANSFER | | | | | | | | |
| 12.EXPENDITURE | | Two counterpart officials were familiarized with the methods and procedures of F/S. | | | | | | | | |
| Total | 129,645 (¥'000) | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | | |
| Contracted | 116,180 | ①② | | | | | | | | |

和名 リマ国際空港整備計画

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (M/P+F/S)

CSA PER/S 202B/86

Compiled Mar.1990
Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | | | | | |
|--|--|-------------------------------------|--|--|--------------|--|---|--------------|-------|-------|-------|-------|
| 1.COUNTRY | Peru | 1.SITE OR AREA | | Existing Lima Int'l Airport in Lima, Peru | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input checked="" type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="radio"/> Processing | | | | | |
| 2.NAME OF STUDY | Development Project of Jorge Chavez Lima-Callao International Airport | 2.PROJECT COST | | Total Cost | Local Cost | | | Foreign Cost | | | | |
| 3.SECTOR | Transportation/Air Transportation & Airport | | | 1) 13,700 | 3,800 | 9,900 | | | | | | |
| 4.REFERENCE NO. | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | | | | | | |
| 5.TYPE OF STUDY | (M/P) +F/S | 1. Runway overlay and improvement | | 3,507m x 45m | | | | | | | | |
| 6.COUNTERPART AGENCY | Ministerio de Transportes y Comunicaciones | 2. Passenger terminal expansion | | 21,000sq.m | | | | | | | | |
| 7.OBJECTIVES OF STUDY | To examine technical, economic and financial feasibility of the short-term(1995) development project | 3. Renewal of obsolete equipment | | | | | | | | | | |
| 8.DATE OF S/W | Nov.1984 | Imp. Period: | | .1987-.1995 | | | | | | | | |
| 9.CONULTANT(S) | Japan Airport Consultants, Inc. | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: Yes | EIRR1) 33.60 | FIRR1) 4.10 | | | | | | |
| 10.STUDY TEAM | No. of Members 8 Period Jul.1985-Jun.1986(12 months) | Conditions and Development Impacts: | | Conditions of IRR calculation: Demand forecast was made for every 5 years between 1985 and 2005. International passengers were divided into Peruvians and foreigners, each divided into 5 regions. Economic indexes adopted were Gross Domestic Product of Peru in real terms, air fare index, and long-term foreign debts. Expected effects: 1. foreign exchange earnings 2. time saving effects of air passengers 3. employment effects and economic repercussion affects | | | | | | | | |
| | | | | EIRR2) | FIRR2) | | | | | | | |
| | | | | EIRR3) | FIRR3) | | | | | | | |
| | | | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">43.63</td> <td style="text-align: center;">33.23</td> <td style="text-align: center;">13.40</td> </tr> </table> | | | Total M/M | Japan | Field | 43.63 | 33.23 | 13.40 |
| Total M/M | Japan | Field | | | | | | | | | | |
| 43.63 | 33.23 | 13.40 | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5. TECHNICAL TRANSFER | | Two counterpart officials were familiarized with the methods and procedures of F/S. | | | | | | | | |
| 12.EXPENDITURE | | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | | |
| Total 129,645 (¥'000) | | | | ①② | | | | | | | | |
| Contracted 116,180 | | | | | | | | | | | | |

和名 リマ国際空港整備計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (Basic Study)

CSA PER/S 501/86

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | |
|--|--|--|-----------------------------|------------|--------------------------------------|---|
| 1.COUNTRY | Peru | 1.SITE OR AREA | Satipo Area (20,000 sq.km.) | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued |
| 2.NAME OF STUDY | Topographic Mapping Project for Satipo Area, Department of Junin | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | (Description) (FY1991 Overseas Survey) The maps are highly appreciated. The National Geographic Institute hopes for further Japanese assistance in land use mapping, automated drawing system, and so on. |
| 3.SECTOR | Social Infrastructures/Survey & Mapping | (US\$1,000) | 1) | 2) | | |
| 4.REFERENCE NO. | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | |
| 5.TYPE OF STUDY | Basic Study | 1) Aerophotos Scale: 1/60,000 Coverage: 31,259 sq.km | | | | |
| 6.COUNTERPART AGENCY | Instituto Geografico Nacional | 2) Topographic maps 64 plates, covering 12,070 sq.km | | | | |
| 7.OBJECTIVES OF STUDY | Preparation of basic information for development planning | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | |
| 8.DATE OF S/W | Jan.1977 | Maps will be utilized as basic information for development planning. | | | | |
| 9.CONSULTANT(S) | | | | | | |
| 10.STUDY TEAM | No.of Members 17 Period Jun.1977-Feb.1987(115 months) | | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| | Total M/M Japan Field | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | |
| 12.EXPENDITURE | Total 957,287 (¥000) | 5.TECHNICAL TRANSFER | | | ② | |
| | Contracted | | | | | |

和名 フニン県サテイボ地区地形図作成事業

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (M/P)

CSA PER/S 101/87

Compiled Mar.1990

Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | |
|---|--|--|-------------------------------|------------|---|---|--|--|---|
| 1.COUNTRY | Peru | 1.SITE OR AREA | Rimac river basin 3,500 sq.km | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | |
| 2.NAME OF STUDY | Disaster Prevention Project in the Rimac River Basin | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | (Description) Owing to the political destabilization and the serious constraints in public finance, it is extremely difficult to find funds for implementing the proposals of the study. (FY1991 Overseas Survey) The process of specifying areas for feasibility study was suspended after the Japanese expert who had been assigned for this purpose left the country because of the political and social destabilization. The National Institute of Civil Defense assigns high priority to the implementation of the proposals of the study. (FY1992 Overseas Survey) The maps and basic data have been utilized in the determination of priority for emergency works. | | | |
| 3.SECTOR | Social Infrastructures/River & Erosion Control | (US\$1,000) | 1) 84,640 | | | | | | |
| 4.REFERENCE NO. | | (US\$1=130Yen) | 2) | | | | | | |
| 5.TYPE OF STUDY | M/P | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | | | |
| 6.COUNTERPART AGENCY | Instituto Nacional de Defensa Civil (Institute of National Defence) | Major recommendations: 1) To carry out a feasibility study soon 2) To implement non-structural measures - Establishment and implementation of land use regulation - Establishment of a coordinated administrative organ to implement the overall watershed management - Establishment of an implementing agency of disaster prevention structural measures - Training of engineers | | | | | | | |
| 7.OBJECTIVES OF STUDY | To formulate a Master Plan for disaster prevention in Rimac river basin | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | |
| 8.DATE OF S/W | Nov.1986 | Structural measures against debris flow disaster in 7 tributaries and inundation disaster in urban areas will reduce the human and economic losses. | | | | | | | |
| 9.CONSULTANT(S) | Nihon Koel Co., Ltd. | 5. TECHNICAL TRANSFER | | | | | | | |
| 10.STUDY TEAM | No.of Members 9 Period Feb.1987-Mar.1988(14 months) | 1) Technical seminar on disaster prevention in Peru 2) Two counterparts inspected disaster prevention facilities in Japan. | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | | |
| 12.EXPENDITURE | <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Total</td> <td style="width: 15%;">157,531 (¥'000)</td> </tr> <tr> <td>Contracted</td> <td>126,518</td> </tr> </table> | Total | 157,531 (¥'000) | Contracted | 126,518 | | | | 2.MAJOR REASONS FOR PRESENT STATUS |
| Total | 157,531 (¥'000) | | | | | | | | |
| Contracted | 126,518 | | | | | | | | |
| | | | | | The serious security problem and financial difficulty in Peru make it extremely difficult to promote the project. | | | | |
| | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | |
| | | | | | ①② | | | | |

和名 リマック川防災対策計画

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (F/S)

CSA PER/S 301/89

Compiled Mar.1991
Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | | | | | | | | | | | | | | | | | | |
|--|---------------------|---|------------|--|-----------------|--|--|--------------|-------------|--|------------|------------|---|--|--------|--|--|--------|--|--------|--|--|--|--|--|
| 1.COUNTRY | Peru | 1.SITE OR AREA | | 16 southern districts of Lima City (122 sq.m, pop. 1.8 million) | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing | | | | | | | | | | | | | | | | | | |
| 2.NAME OF STUDY | | 2.PROJECT COST | | | | | | | | | | | | | | | | | | | | | | | |
| Improvement of Sewerage System in Southern Part of Lima | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">Total Cost</td> <td style="width: 10%; text-align: center;">Local Cost</td> <td style="width: 10%; text-align: center;">Foreign Cost</td> </tr> <tr> <td style="text-align: center;">(US\$1,000)</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">98,301,000</td> <td style="text-align: center;">50,857,000</td> <td style="text-align: center;">47,444,000</td> </tr> <tr> <td></td> <td style="text-align: center;">2)</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">3)</td> <td></td> <td></td> <td></td> </tr> </table> | | | | Total Cost | Local Cost | Foreign Cost | (US\$1,000) | 1) | 98,301,000 | 50,857,000 | 47,444,000 | | 2) | | | | | 3) | | | | (Description) SEDAPAL, the executing agency of this project, is aware of the importance of this project, but does not have the financial means to implement it. (FY1991 Overseas Survey) The Peruvian government submitted the application for grant aid from Japanese government in June 1990. (FY1992 Overseas Survey) 1) The Peruvian government submitted the application for Grant Aid from Japanese government in 1991. It was not yet realized. However, the Peruvian government is hoping for Japanese financial aid. 2) The archaeological evaluation study and the study of agricultural development in the San Bartolo pampas were completed. | |
| | | Total Cost | Local Cost | Foreign Cost | | | | | | | | | | | | | | | | | | | | | |
| (US\$1,000) | 1) | 98,301,000 | 50,857,000 | 47,444,000 | | | | | | | | | | | | | | | | | | | | | |
| | 2) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3) | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.SECTOR | | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | | | | | | | | | | | | | | | | | | |
| Public Utilities/Sewerage | | The project proposes to treat the raw sewage from the Surco drainage canal and to utilize treated water for agricultural and other purposes in San Bartolo Plains. -Intake Facility -Transmission Facility -Grit Chamber Facility -Sewerage Treatment Plant | | (FY1992 Overseas Survey) 1) The Peruvian government submitted the application for Grant Aid from Japanese government in 1991. It was not yet realized. However, the Peruvian government is hoping for Japanese financial aid. 2) The archaeological evaluation study and the study of agricultural development in the San Bartolo pampas were completed. | | | | | | | | | | | | | | | | | | | | | |
| 4.REFERENCE NO. | | Imp. Period: .1990-.1995 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">4.FEASIBILITY AND ITS ASSUMPTIONS</td> <td style="width: 15%;">Feasibility: Yes/No</td> <td style="width: 10%; text-align: center;">EIRR1)</td> <td style="width: 10%; text-align: center;">9.67</td> <td style="width: 10%; text-align: center;">FIRR1)</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">EIRR2)</td> <td></td> <td style="text-align: center;">FIRR2)</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">EIRR3)</td> <td></td> <td style="text-align: center;">FIRR3)</td> </tr> </table> | | | | 4.FEASIBILITY AND ITS ASSUMPTIONS | Feasibility: Yes/No | EIRR1) | 9.67 | FIRR1) | | | EIRR2) | | FIRR2) | | | EIRR3) | | FIRR3) | | | | | |
| 4.FEASIBILITY AND ITS ASSUMPTIONS | Feasibility: Yes/No | | | EIRR1) | 9.67 | FIRR1) | | | | | | | | | | | | | | | | | | | |
| | | EIRR2) | | FIRR2) | | | | | | | | | | | | | | | | | | | | | |
| | | EIRR3) | | FIRR3) | | | | | | | | | | | | | | | | | | | | | |
| 5.TYPE OF STUDY | | Conditions and Development Impacts: Development impacts: 1.The proposed sewerage system will result in benefits to individuals in the service area, such as reduction in the risk and incidence of water-borne diseases. 2.Investments in sewerage facilities will raise the value of land Note: The financial B/C ratio is 1.21. | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | | | | | | | | | | | | | | | |
| 6.COUNTERPART AGENCY | | | | | | | | | | | | | | | | | | | | | | | | | |
| Servicio de agua potable y alcantarillad de Lima (SEDAPAL) | | 5.TECHNICAL TRANSFER 1)OJT for counterparts on the planning and design method of transmission line, treatment and feasibility study 2)Acceptance of trainees to the JICA counterpart training program | | 3.PRINCIPAL SOURCE OF INFORMATION ①② | | | | | | | | | | | | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | | | | | | | | | | | | | | | | | | | | | | | | | |
| Improvement of sea water contamination around the Lima and environmental health condition. | | 10.STUDY TEAM No.of Members 9 Period Apr.1989-Mar.1990 (12 months) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">Japan</td> <td style="width: 15%; text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">24.14</td> <td style="text-align: center;">34.05</td> </tr> <tr> <td style="text-align: center;">58.19</td> <td></td> <td></td> </tr> </table> | | | Japan | Field | Total M/M | 24.14 | 34.05 | 58.19 | | | 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY Topographic Survey Soil Investigation | | | | | | | | | | | | |
| | Japan | | | Field | | | | | | | | | | | | | | | | | | | | | |
| Total M/M | 24.14 | 34.05 | | | | | | | | | | | | | | | | | | | | | | | |
| 58.19 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.DATE OF S/W | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nov.1989 | | 12.EXPENDITURE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">185,557 (Y'000)</td> </tr> <tr> <td style="text-align: center;">Total</td> <td></td> </tr> <tr> <td style="text-align: center;">Contracted</td> <td style="text-align: center;">172,727</td> </tr> </table> | | | 185,557 (Y'000) | Total | | Contracted | 172,727 | 9.CONSULTANT(S) Nippon Jogesuido Sekkei Co., Ltd. | | | | | | | | | | | | | | | |
| | 185,557 (Y'000) | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contracted | 172,727 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.CONSULTANT(S) | | | | | | | | | | | | | | | | | | | | | | | | | |

和名 リマ市南部下水道整備計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (M/P+F/S)

CSA PER/A 201A/90

Compiled Mar.1992
Revised

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | |
|--|--|--|------------|------------|--------------------------------------|--|-------|-------|
| 1.COUNTRY | Peru | 1.SITE OR AREA | Ventanilla | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | |
| 2.NAME OF STUDY | Desarrollo Pesquero y Construccion del Puerto Pesquero en la Costa Central | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | (Description) (FY1991 Overseas Survey) The Master Plan was incorporated into the national plan in its entirety, but the 1st Stage Plan has been considerably reduced in its scale. | | |
| 3.SECTOR | Fisheries/Fisheries | (US\$1,000) | 1) 165,220 | 87,206 | 78,014 | | | |
| 4.REFERENCE NO. | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | | |
| 5.TYPE OF STUDY | M/P+ (F/S) | The proposed fishing port in Ventanilla is planned as a fishery base for supplying fish products to residents in the central district of Peru, aiming at moving and expanding the functions of the present fishing port in the Callao Port. The facilities of the fishing port will be provided to meet the landing of 88,788 tons in the target year of 2005. | | | | | | |
| 6.COUNTERPART AGENCY | Ministerio de Pesqueria | | | | | | | |
| 7.OBJECTIVES OF STUDY | To establish the plan for a fishing port construction to aim at development of total fisheries industry in the central coast of Peru | i) Basic facilities * -7.5 m quay (91 m in length) * -4.0 m quay (480 m in length) * -2.0 m quay (510 m in length) ii) Function facilities * Fish market, sorting facilities * Freezer, cold storage facilities * Ice making machine * Other facilities | | | | | | |
| 8.DATE OF S/W | Dec.1988 | | | | | | | |
| 9.CONSULTANT(S) | Nippon Tetrapod Co., Ltd. System Science Consultants | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | |
| 10.STUDY TEAM | No.of Members 9 Period Mar.1989-Dec.1990(6 months) | Conditions: Financial subsidies mentioned below will be conditioned by implementation of the project. * Financial losses from Depreciation costs, maintenance costs, etc. will be compensated for preparation of renewal costs after the service life of the basic facilities. * Subsidies to the above losses will be given in the occasion of renewing the basic facilities. Development Impacts: * Improvement of efficiency of landing fish catch will bring keeping freshness of fish and increasing fish production. * Inland transportation costs will be economized. * The commercial port will expand its functions, with obtaining the land which is a former site of the fishing port. | | | 2.MAJOR REASONS FOR PRESENT STATUS | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">50.17</td> <td style="text-align: center;">32.01</td> <td style="text-align: center;">18.16</td> </tr> </table> | | | | | Total M/M | | Japan | Field |
| Total M/M | Japan | Field | | | | | | |
| 50.17 | 32.01 | 18.16 | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5. TECHNICAL TRANSFER | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | |
| * Marine Conditions Study * Social and Economical Conditions Study | | Marine conditions such as wave characteristic and currents were observed with instructing the operation methods to local consultants and their equipments were granted to the Government. | | | ①② | | | |
| 12.EXPENDITURE | Total 222,964 (¥'000) Contracted 191,570 | | | | | | | |

和名 沿岸漁港開發計画

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (M/P+F/S)

CSA PER/A 201B/90

Compiled Mar.1992
Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|---|------|---|------------|---|------------|--|--|
| 1.COUNTRY | Peru | 1.SITE OR AREA | Ventanilla | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled |
| 2.NAME OF STUDY | | 2.PROJECT COST | | Total Cost | Local Cost | Foreign Cost | (Description) (FY1991 Overseas Survey) The Ministry of Fisheries assigns high priority to the proposed project and hopes to implement it as soon as possible when successful in obtaining external assistance. In Dec. 1991, the Government of Peru submitted the application for financial assistance from the Japanese Government. The project scale of the First Stage Plan was substantially reduced, and the Government allocated funds in 1991 and 1992. (FY1992 Overseas Survey) No additional information |
| Desarrollo Pesquero y Construcción del Puerto Pesquera en la Costa Central | | (US\$1,000) | | 37,182 | 24,844 | 12,338 | |
| 3.SECTOR | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | |
| Fisheries/Fisheries | | The purpose of the urgent plan is to develop Ventanilla fishing port having basic and functional facilities which will accommodate fishing boats of under 300GRT. with view to transfer fishing port function of existing Callao Port to ventanilla fishing port. | | | | | |
| 4.REFERENCE NO. | | 1) basic facilities | | | | | |
| 5.TYPE OF STUDY | | 2) Functional facilities | | | | | |
| (M/P)+F/S | | Southern Breakwater: 355m Northern Breakwater: 320m Quay Wall(-4.0): 345m Revetment: 565m Anchorage: 16,800 sq.m Dredging: | | Sorting facilities: 1,780sq.m Cold Storage: 1,250t ICE Plant: 22t/day Ice storage: 450t Others: | | | |
| 6.COUNTERPART AGENCY | | Imp. Period: .1991-.1993 | | | | | |
| Ministerio de Pesqueia (MIPE) de Planificación Y Presupuesto | | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: | 10.90 | FIRR1) | |
| 7.OBJECTIVES OF STUDY | | Yes/No | | EIRR2) | FIRR2) | FIRR3) | |
| To establish the short-term plan for a fishing port construction and to study its feasibility | | Conditions and Development Impacts: | | | | | |
| 8.DATE OF S/W | | Dec.1988 | | | | | |
| 9.CONSULTANT(S) | | Nippon Tetrapod Co., Ltd. System Science Consultants | | | | | |
| 10.STUDY TEAM | | Conditions: 1) Basic facilities will be constructed during 1991-1993, and functional facilities during 1993. 2) Fishing boats of less than 20 tons will be transferred to the Bentanilla Port from the Callao Port during 1994 and fishing boats of 20 tons or more during 1995. 3) The proposed Urgent Plan is designed to meet the estimated demand in 1995. The quay wall and the functional facilities will have to be expanded in 1996 in order to meet the future demand through 2005. Development Impacts: 1) Increase of fish catch and improvement of freshness of fish catch due to reduction of unloading and waiting time. 2) Port dues payed by the user for utilization of fishing port facilities. 3) Land use of fishing port area in the Callao Port. | | 2.MAJOR REASONS FOR PRESENT STATUS | | | |
| No.of Members 9 Period Mar.1989-Dec.1990 (6 months) | | | | | | | |
| Total M/M | | Japan | | | | | |
| 50.17 | | 32.01 | | | | | |
| Field | | 18.16 | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.TECHNICAL TRANSFER | | 3.PRINCIPAL SOURCE OF INFORMATION | | | |
| * Marine Conditions Study * Social and Economical Conditions Study | | Wave height recorder and current meter were provided by Government of Japan for the oceanographic survey. | | ①② | | | |
| 12.EXPENDITURE | | | | | | | |
| Total | | 222,964 (¥'000) | | | | | |
| Contracted | | 191,570 | | | | | |

和名 沿岸漁港開発計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (M/P+F/S)

Compiled Mar. 1993
Revised

CSA TTO/S 201A/91

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|---|--|--------------|--|--|-------------|---------|-----------------------------|------------|--------------|-------|-----------------------|--------|--------|--------|------------------------------|-------|-------|-------|---------------------------------|---------------|--|-------|-------------------------------------|
| 1. COUNTRY | Trinidad and Tobago | 1. SITE OR AREA | Water supply area of four main water purification plants (Caroni, North Oropouche, Navet and Hollis) on the Trinidad Island (70% of the water supplied population on the Trinidad Island) | | 1. PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | | | | | | | | | | | | | | | | |
| 2. NAME OF STUDY | Improvement of Water Supply Supervisory System | 2. PROJECT COST | | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">(US\$1,000)</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">Total Cost</td> <td style="text-align: center;">Local Cost</td> <td style="text-align: center;">Foreign Cost</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">85,530</td> <td style="text-align: center;">19,935</td> <td style="text-align: center;">65,595</td> </tr> <tr> <td></td> <td style="text-align: center;">2)</td> <td></td> <td></td> <td></td> </tr> </table> | | (US\$1,000) | 1) | Total Cost | Local Cost | Foreign Cost | | | 85,530 | 19,935 | 65,595 | | 2) | | | | (Description) | A feasibility study was subsequently undertaken on the first stage plan (1992-1995). | | |
| (US\$1,000) | 1) | Total Cost | Local Cost | Foreign Cost | | | | | | | | | | | | | | | | | | | | | |
| | | 85,530 | 19,935 | 65,595 | | | | | | | | | | | | | | | | | | | | | |
| | 2) | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. SECTOR | Public Utilities/Water Supply | 3. CONTENTS OF MAJOR PROJECT(S) | US\$1=TT\$4.25 The master plan for the Water Supply Supervisory System (WSSS) will be implemented in two stages, viz. The 1st Stage Plan (1992-1995) and the 2nd Stage Plan (1996 - 2005). The system comprises two sub-system, namely, the Central Supervisory System (CSS) which covers four large systems (Caroni/Arena, North Oropouche, Navet and Hollis) and nearby medium and small systems, and the Local Supervisory System (LSS), which consists of numerous small-sized facilities. Major Facilities Proposed: - Expansion of CSS Building; - Central equipment of CSS, Repeater Station, Work stations with CRTs at regional offices; - RTU stations - Remote operation unit of booster pumping stations; - Remote control unit with mini-graphic of flow control valves; - Monitoring equipment flow meters, level meters & pressure gauges and flow control valves at strategic points in waterworks and the transmission/distribution system * The cost above is in March 1991 prices. | | | | | | | | | | | | | | | | | | | | | | |
| 4. REFERENCE NO. | | 4. CONDITIONS AND DEVELOPMENT IMPACTS | Planning Frame: <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">1990</td> <td style="text-align: center;">1995</td> <td style="text-align: center;">2005</td> </tr> <tr> <td>Pop. in service area ('000)</td> <td style="text-align: center;">1,192</td> <td style="text-align: center;">1,299</td> <td style="text-align: center;">1,540</td> </tr> <tr> <td>Serviced pop. (ditto)</td> <td style="text-align: center;">1,133</td> <td style="text-align: center;">1,234</td> <td style="text-align: center;">1,463</td> </tr> <tr> <td>Water demand ('000 cu.m/day)</td> <td style="text-align: center;">666.3</td> <td style="text-align: center;">641.9</td> <td style="text-align: center;">639.5</td> </tr> <tr> <td>(assumed unaccounted-for water)</td> <td style="text-align: center;">(50%)</td> <td style="text-align: center;">(40%)</td> <td style="text-align: center;">(20%)</td> </tr> </table> Water balance: The estimated water requirements during 1990-2005 could be satisfied by the water produced and supplied by the maximum utilization of the dependable yields of the existing 96 water sources. Accrued Benefits: 1) Improvement of service to consumers 2) Reduction of operation costs 3) Contribution to effective planning of water supply systems | | | 1990 | 1995 | 2005 | Pop. in service area ('000) | 1,192 | 1,299 | 1,540 | Serviced pop. (ditto) | 1,133 | 1,234 | 1,463 | Water demand ('000 cu.m/day) | 666.3 | 641.9 | 639.5 | (assumed unaccounted-for water) | (50%) | (40%) | (20%) | 2. MAJOR REASONS FOR PRESENT STATUS |
| | 1990 | 1995 | 2005 | | | | | | | | | | | | | | | | | | | | | | |
| Pop. in service area ('000) | 1,192 | 1,299 | 1,540 | | | | | | | | | | | | | | | | | | | | | | |
| Serviced pop. (ditto) | 1,133 | 1,234 | 1,463 | | | | | | | | | | | | | | | | | | | | | | |
| Water demand ('000 cu.m/day) | 666.3 | 641.9 | 639.5 | | | | | | | | | | | | | | | | | | | | | | |
| (assumed unaccounted-for water) | (50%) | (40%) | (20%) | | | | | | | | | | | | | | | | | | | | | | |
| 5. TYPE OF STUDY | M/P+(F/S) | 5. TECHNICAL TRANSFER | On-the-job-training for the duration of the development study, especially the transfer of techniques on inventory survey, water leak survey and protection, discharge survey, and water supply analysis | | 3. PRINCIPAL SOURCE OF INFORMATION | ② | | | | | | | | | | | | | | | | | | | |
| 6. COUNTERPART AGENCY | Ministry of Settlements and Public Utilities Water and Sewerage Authority (WASA) | 10. STUDY TEAM | No. of Members 10 Period Sep. 1989-Aug. 1991 (27 months) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">77.76</td> <td style="text-align: center;">44.88</td> <td style="text-align: center;">32.88</td> </tr> </table> | | Total M/M | Japan | Field | 77.76 | 44.88 | 32.88 | | | | | | | | | | | | | | | |
| Total M/M | Japan | Field | | | | | | | | | | | | | | | | | | | | | | | |
| 77.76 | 44.88 | 32.88 | | | | | | | | | | | | | | | | | | | | | | | |
| 7. OBJECTIVES OF STUDY | Formation of M/P on the WASA Water Supply Supervisory System (target year: 2000) for the improvement and expansion of the central water operation and management | 11. ASSOCIATED AND/OR SUBCONTRACTED STUDY | None | | | | | | | | | | | | | | | | | | | | | | |
| 8. DATE OF S/W | May. 1988 | 12. EXPENDITURE | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">252,189 (¥'000)</td> </tr> <tr> <td style="text-align: center;">Contracted</td> <td style="text-align: center;">235,819</td> </tr> </table> | | Total | 252,189 (¥'000) | Contracted | 235,819 | | | | | | | | | | | | | | | | | |
| Total | 252,189 (¥'000) | | | | | | | | | | | | | | | | | | | | | | | | |
| Contracted | 235,819 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. CONSULTANT(S) | Nihon Suido Consultants Co., Ltd. Nihon Koei Co., Ltd. | | | | | | | | | | | | | | | | | | | | | | | | |

和名 水管理計画

(M/P, M/P+(F/S), Basic Study, Other)

PROJECT SUMMARY (M/P+F/S)

Compiled Mar.1993
Revised

CSA TTO/S 201B/91

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | | | | | | | | |
|---|---------------------|---|--|--|------------|--|--|-------|--|--|--|--|--|--|--|
| 1.COUNTRY | Trinidad and Tobago | 1.SITE OR AREA | Water supply area of four main water purification plants (Caroni, North Oropuche, Navet and Hollis) on the Trinidad Island (70% of the water supplied population on the Trinidad Island) | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled | | | | | | | | |
| 2.NAME OF STUDY | | 2.PROJECT COST | | Total Cost | Local Cost | Foreign Cost | (Description) The study proposed the project implementation in three stages, and proposed that the detailed design study for the 1st stage be started sometime during the latter half of 1992. No concrete action has been taken with respect to the proposed D/D. The seepage control was among the study's suggestions which do not directly concern the proposed project, and is now underway by IDB financing. | | | | | | | | |
| Improvement of Water Supply Supervisory System | | 1)) 2)) 3)) | | 46,367 | 11,089 | 35,278 | | | | | | | | | |
| | | | | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | | | | | | |
| | | | | Feasibility analysis was under taken on the 1st Stage Plan proposed in the Master Plan. Major facilities proposed: 1. Central data processing system (CDPS) 2. 48 remote terminal units 3. Data radio communication system 4. Field instruments and equipment 5. Remote control equipment on booster pumping facilities and control valves 6. 139 flow meters and 106 motor-driven valves on production facilities and transmission/distribution mains 7. 21 level meters and 111 pressure gauges on production and transmission/distribution facilities * The cost above is in March 1991 prices. | | | | | | | | | | | |
| 3.SECTOR | | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: | EIRR1) | FIRR1) | | | | | | | | | |
| Public Utilities/Water Supply | | Yes EIRR2) EIRR3) | | 9.60 | 0.30 | | | | | | | | | | |
| 4.REFERENCE NO. | | 5.TYPE OF STUDY | | Conditions and Development Impacts: | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | | | |
| | | (M/P)+F/S | | Assumptions: By undertaking intensive wastage control measure, it is assumed that the unaccounted-for water (UFW) ratio be substantially improved from the present 50% to a rather optimistic 40% in 1995. The future water demand in the project area, including UFW, is projected to increase from 531,000 cu.m/day in 1990 to 513,000 cu.m/day in 1995. Dependable yields from the water sources in dry season, which would more than satisfy the projected water requirement. Development Impacts: Economic benefits mainly consist of the tangible benefit of water saving which is realized by the system monitoring and leakage reduction. Based on the proposed project outputs and available data on benefits, FIRR is calculated at 0.3%. The benefit is positive but the project is not financially viable. It will be necessary for WASA to increase its revenue from water supply by raising rates of water tariff and thereby to improve the viability of the project. Relative to the FIRRs of 8%, 10% and 12%, the average tariff rate should be raised as follows. | | | | | | | | | | | |
| 6.COUNTERPART AGENCY | | 8.DATE OF S/W | | FIRR 8% 10% 12% (0.3%) Av. tariff (TT\$/cu.m) 1.74 1.98 2.24 (0.99) | | | | | | | | | | | |
| Ministry of Settlements and Public Utilities Water and Sewerage Authority (WASA) | | May.1988 | | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | | 9.CONSULTANT(S) | | 5. TECHNICAL TRANSFER | | | | | | | | | | | |
| F/S on the improvement of existing Central Supervisory System (CSS) of WASA Water Supply Supervisory System (target year: 1995-96) with operation and management system and telemeter computer | | Nihon Suido Consultants Co., Ltd. Nihon Koei Co., Ltd. | | On-the-job-training for the duration of the development study, especially the transfer of techniques on inventory survey, water leak survey and protection, discharge survey, and water supply analysis | | | | | | | | | | | |
| 10.STUDY TEAM | | 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | | | | | | |
| No. of Members 10 Period Sep.1989-Aug.1991 (27 months) | | None | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 30%; text-align: center;">Japan</td> <td style="width: 30%; text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">44.88</td> <td style="text-align: center;">32.88</td> </tr> <tr> <td style="text-align: center;">77.76</td> <td></td> <td></td> </tr> </table> | | | Japan | Field | Total M/M | 44.88 | 32.88 | 77.76 | | | | | | | |
| | Japan | Field | | | | | | | | | | | | | |
| Total M/M | 44.88 | 32.88 | | | | | | | | | | | | | |
| 77.76 | | | | | | | | | | | | | | | |
| 12.EXPENDITURE | | | | | | | | | | | | | | | |
| Total | | 252,189 (¥'000) | | | | | | | | | | | | | |
| Contracted | | 235,819 | | | | | | | | | | | | | |

和名 水管理計画

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (M/P)

CSA URY/A 101/86

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | | |
|--|---|---|--|------------|--|---|-----------|-------|-------|-------|-------|------|
| 1.COUNTRY | Uruguay | 1.SITE OR AREA | Existing forest and incentive areas of forestation 2,700,000ha | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | | | |
| 2.NAME OF STUDY | Establecimiento de plantaciones de arboles y utilizacion de la madera plantada | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | (Description) After the World Bank approval of a loan for reforestation, the Government of Uruguay requested the Japanese Government to undertake a feasibility study (including a Reforestation Manual). The study was duly implemented by JICA during 1989 - 1990. In addition, a JICA expert (tree breeding) was assigned to Uruguay. | | | | | | |
| 3.SECTOR | Forestry/Forestry & Forest Conservation | (US\$1,000) | 1) | | 2) | | | | | | | |
| 4.REFERENCE NO. | | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | | | | | |
| 5.TYPE OF STUDY | M/P | 1.Establishment of guidelines for wood utilization 2.Establishment of a master plan of reforestation 3.Measures for improvement of wood industries 4.Establishment of system to promote the reforestation 5.Enhancement of social and public function of forests | | | | | | | | | | |
| 6.COUNTERPART AGENCY | Forest Department Ministry of Cattle Raising Agriculture and Fishery | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | (1) Preparation of a forest plan for tree plantation (2) Efficient utilization of timber produced from tree plantation | 1.Import substitution by the increase of national wood production 2.Development of export industry including logs and pulp and paper, etc. 3.Regional development 4.Improvement of the productivity of inadequate land for agriculture and cattle raising 5.Conservation of national land | | | | | | | | | | |
| 8.DATE OF S/W | Jan.1986 | 10.STUDY TEAM | | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | |
| 9.CONSULTANT(S) | Japan Overseas Forestry Consultants Association | No.of Members 5 Period Jul.1986-Jun.1987(8.5 months) | | | 1) Uruguayan Government approved the M/P of the report of JICA as the national long term forestation plan of Uruguay; and 2) based on this plan, the Government decided to establish the national five year forestation plan, which was prepared in 1989 and 1990 with JICA cooperation. | | | | | | | |
| | | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Total M/M</th> <th style="text-align: left;">Japan</th> <th style="text-align: left;">Field</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">26.50</td> <td style="text-align: center;">17.50</td> <td style="text-align: center;">9.00</td> </tr> </tbody> </table> | | | | | Total M/M | Japan | Field | 26.50 | 17.50 | 9.00 |
| Total M/M | Japan | Field | | | | | | | | | | |
| 26.50 | 17.50 | 9.00 | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.TECHNICAL TRANSFER | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | |
| 12.EXPENDITURE | | 1.Method of the estimation of increment; 2.Formation of the system of forestation technology; 3.Method of the estimation of wood demand; 4.Method of the establishment of guidelines of wood utilization; and 5.Method of the establishment of long term | | | ① | | | | | | | |
| | | Total | 89,434 (¥'000) | | | | | | | | | |
| | | Contracted | 77,439 | | | | | | | | | |

和名 造林・木材利用計画

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (F/S)

CSA URY/S 301/89

Compiled Mar.1991
Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDIED PROJECT | | |
|---|--|--|---|------------------------------|--|---|---|
| 1.COUNTRY | Uruguay | 1.SITE OR AREA | Uruguay: 176,000 sq.km, population 3.01 million. Montevideo(Capital): population 1.36 million | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input checked="" type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="radio"/> Processing |
| 2.NAME OF STUDY | Development Plan of the International Airport of Carrasco | 2.PROJECT COST | | | | | |
| 3.SECTOR | Transportation/Air Transportation & Airport | 3.CONTENTES OF MAJOR PROJECT(S) | (US\$1,000) | 1) | 2) | (Description) Project has been suspended since the completion of F/S in March 1990. The worst economic situation has virtually prevented the Government from seeking a new loan from the developed countries. The following procurement works have been conducted in an extremely small scale: 1) There was no duty-free shops inside the terminal building, and the Government has acquired these shop facilities in January 1991 through competitive tendering method. 2) Direction General de Infraestructura Aeronautica (DGIA) invited tenders for procurement of ground support equipment such as passenger and cargo handling equipment and airport support vehicles in February 1992. The amount of Urugurayan GNP per capita was US\$2,560 in 1989 and is far greater than the eligibility per capita limit of US\$1,235 which is set for concessionary loan (OECF). There will be no likelihood that OECF will approve any loan for this project for this eligibility reason alone. | |
| 4.REFERENCE NO. | | The study examined 3 alternatives of 1)Grade 1, 2)Grade 2, and 3)Grade 3. Major development components are as follows. 1.Improvement of Main runway, taxiway and apron(rehabilitation of deteriorated portion by means of overlay during unoperational night time hours) 2.Improvement of secondary runway(day-time pavement overlay, Grades 1 and 2) 3.Extension of the secondary runway(to meet the take-off distance of the short haul aircraft (from 1,750m to 2,050m) Grade 1 only) 4.Renewal or upgrading of navigation aids 5.Installation of terminal equipment asuch as metal detector, etc. | (US\$1=500N) | 3) | 5.70 | | |
| 5.TYPE OF STUDY | F/S | | Feasibility: | EIRR1) | FIRR1) | | 7.70 |
| 6.COUNTERPART AGENCY | Direccion general de infraestructra aerondutica | | Yes | EIRR2) | FIRR2) | | |
| 7.OBJECTIVES OF STUDY | Improvement of runway, taxiways and apron. Renewal or upgrading of navigation aids | | 4.FEASIBILITY AND ITS ASSUMPTIONS | | EIRR3) | | FIRR3) |
| 8.DATE OF S/W | Nov.1988 | | Imp. Period: .1991-.1994 | | | | |
| 9.CONSULTANT(S) | Japan Airport Consultants, Inc. | Conditions and Development Impacts: | | | | | |
| 10.STUDY TEAM | No.of Members 9 Period Apr.1989-Mar.1990 (12 months) | Economic evaluation: This project is economically feasible since the opportunity cost of capital is estimated to be 12.0%. Financial evaluation: Under the current airport tariff structure, FIRR is negative in all three alternatives. If the tariff be raised by 100%, the FIRR will be positive for Grades 2 and 3 as shown above. The assumptions on fund procurement are as follows. | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | Topographic Mapping, Longitudinal and transversal levelling of runways, taxiways and apron. Geological and pavement survey | Grade 2 | Foreign Soft Loan | Local Government own finance | | | |
| 12.EXPENDITURE | Total 157,531 (¥'000) Contracted | Grade 3 | Hard Loan | without any repayment | | | |
| | | 5. TECHNICAL TRANSFER | | | 2.MAJOR REASONS FOR PRESENT STATUS | | |
| | | 1.Methodology for airport master planning. 2.General and technical information on night-time asphalt overlay 3.computreization of airport administration date. | | | The debt reduction in 1987-89 were all due to debt-equity swaps according to Brady-Initiative operations. In addition, a basic agreement was reached between commercial creditor bank consortia and the Government to reschedule the commercial bank portion of US\$1.69 billion debt out of total debt stock of US\$7.2 billion in December 1990. The annual rate of inflation in 1990 was worsened by 129% and the economic growth rarte became lower to 0.5% pre annum. | | |
| | | | | | | | 3.PRINCIPAL SOURCE OF INFORMATION |
| | | | | | ①② | | |

和名 カラスコ国際空港整備計画

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (F/S)

Compiled Mar. 1992
Revised

CSA URY/A 301/90

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | | | | | | |
|--|---|---|------------------|----------------------------------|----------------------------------|--|--|-------|-------|-----------------------|--|--|--|
| 1. COUNTRY | Uruguay | 1. SITE OR AREA | | | | 1. PRESENT STATUS | <input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input checked="" type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing <input type="checkbox"/> | | | | | | |
| 2. NAME OF STUDY | National Reforestation Plan | 2. PROJECT COST | | | | | | | | | | | |
| | | | | Total Cost | Local Cost | Foreign Cost | | | | | | | |
| | | (US\$1,000) | 1) 73,896 | | | | | | | | | | |
| | | | 2) | | | | | | | | | | |
| | | | 3) | | | | | | | | | | |
| 3. SECTOR | Forestry/Forestry & Forest Conservation | 3. CONTENTS OF MAJOR PROJECT(S) | | | | (Description) 1) The World Bank loan for reforestation was fully disbursed. 2) The newly elected President doubled the five-year target of the National Reforestation Plan from 100,000 to 200,000ha. 3) In view of the growing export (Eucalyptus for pulp) to Europe, the Government of Uruguay is trying to obtain new external funds (bilateral ODA and private capital) for reforestation. | | | | | | | |
| 4. REFERENCE NO. | | The study proposed the reforestation of some 100,000 ha during five years, by planting eucalypti, pines, poplars and willows. Annual planting targets are as follows. | | | | | | | | | | | |
| 5. TYPE OF STUDY | F/S | 1991 | 10,000 ha | | | | | | | | | | |
| 6. COUNTERPART AGENCY | INIA | 1992 | 15,000 | | | | | | | | | | |
| 7. OBJECTIVES OF STUDY | | 1993 | 20,000 | | | | | | | | | | |
| | | 1994 | 25,000 | | | | | | | | | | |
| | | 1995 | 30,000 | | | | | | | | | | |
| 8. DATE OF S/W | Apr. 1989 | Imp. Period: Jan. 1991-Feb. 1995 | | | | 2. MAJOR REASONS FOR PRESENT STATUS | | | | | | | |
| 9. CONSULTANT(S) | Japan Overseas Forestry Consultants Association | 4. FEASIBILITY AND ITS ASSUMPTIONS | Feasibility: Yes | EIRR1) 15.23 EIRR2) EIRR3) | FIRR1) 13.80 FIRR2) FIRR3) | | | | | | | | |
| 10. STUDY TEAM | | Conditions and Development Impacts: | | | | | | | | | | | |
| No. of Members 17 Period Oct. 1989-Mar. 1991 (17 months) | | Conditions: 1. Increase and training of forestry experts in the government and the private sector 2. Institutional improvement of forestry-related research 3. Expansion of subsidization programs 4. Promotion of timber marketing and processing Impacts: 1. Stable supply of timber 2. Increase of forestry resources for export 3. Improvement of water catchment and soil conservation | | | | 3. PRINCIPAL SOURCE OF INFORMATION | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">57.00</td> <td style="text-align: center;">29.88</td> <td style="text-align: center;">25.28</td> </tr> </table> | | Total M/M | Japan | Field | 57.00 | | | 29.88 | 25.28 | 5. TECHNICAL TRANSFER | | | |
| Total M/M | Japan | Field | | | | | | | | | | | |
| 57.00 | 29.88 | 25.28 | | | | | | | | | | | |
| 11. ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 1. Transfer of methodology during the period of the study and at the seminar | | | | | | | | | | | |
| Preparation of a Reforestation Handbook | | 2. Compilation of a Technical Handbook of Reforestation | | | | ① | | | | | | | |
| 12. EXPENDITURE | | | | | | | | | | | | | |
| Total | | 191,747 (¥'000) | | | | | | | | | | | |
| Contracted | | 177,771 | | | | | | | | | | | |

和名 国家造林 5 ヶ年計画

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (M/P)

CSA VEN/S 101/80

 Compiled Mar.1986
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | |
|--|---|---|---|--|---|---|--|-------|-------|
| 1. COUNTRY | Venezuela | 1. SITE OR AREA | Puerto Cabello | | | 1. PRESENT STATUS | <input type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input checked="" type="checkbox"/> Discontinued | | |
| 2. NAME OF STUDY | Design on Cargo Handling Equipments | 2. PROJECT COST | (US\$1,000) 1) 2) | | Total Cost Local Cost Foreign Cost | (Description) The Project was cancelled as a result of the negotiations between the INP and the dockworkers union in that the improved cargo handling operations would cause unemployment. | | | |
| 3. SECTOR | Transportation/Port | 3. CONTENTS OF MAJOR PROJECT(S) | | | | | | | |
| 4. REFERENCE NO. | | The project recommended the installation of loading and unloading systems at the training facility for dockworkers, including one 5-ton derrick cranes, two 5-ton jib-cranes, a mock-up 8,000-ton liner boat to simulate the actual cargo handling operation, a set of simulators for the derrick operation including electrical equipment. | | | | | | | |
| 5. TYPE OF STUDY | M/P | | | | | | | | |
| 6. COUNTERPART AGENCY | Institute Nacional de Puertos (INP) | | | | | | | | |
| 7. OBJECTIVES OF STUDY | Preparation of design criteria and specifications for major mechanical equipment | | | | | | | | |
| 8. DATE OF S/W | Aug.1979 | 4. CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | |
| 9. CONSULTANT(S) | Japan Cargo Handling Mechanization Association | The project will assist the technical transfer on, and improve the service quality of, cargo handling operations. | | | | | | | |
| 10. STUDY TEAM | No. of Members 5 Period Aug.1979-Jul.1980 (12 months) | | | | | | | | |
| | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th>Total M/M</th> <th>Japan</th> <th>Field</th> </tr> <tr> <td style="text-align: center;">14.20</td> <td style="text-align: center;">12.90</td> <td style="text-align: center;">1.30</td> </tr> </table> | | | | Total M/M | | Japan | Field | 14.20 |
| Total M/M | Japan | Field | | | | | | | |
| 14.20 | 12.90 | 1.30 | | | | | | | |
| 11. ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5. TECHNICAL TRANSFER | | | | | | | |
| 12. EXPENDITURE | Total 32,454 (¥'000) Contracted 30,193 | | | | 3. PRINCIPAL SOURCE OF INFORMATION | ① | | | |

和名 港湾技術訓練センター建設計画

(M/P,M/P+(F/S),Basic Study,Other)

PROJECT SUMMARY (M/P+F/S)

CSA VEN/S 201A/89

Compiled Mar.1991

Revised Dec.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | |
|--|--|---|---|---|------------------|---|----------------------------------|---------------------------------------|---------|-------|
| 1.COUNTRY | Venezuela | 1.SITE OR AREA | Entire Chama River Basin (3,785 sq.m) | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use | | | | |
| 2.NAME OF STUDY | Chama River Basin Conservation Project | 2.PROJECT COST | | | | | <input type="checkbox"/> Delayed | <input type="checkbox"/> Discontinued | | |
| 3.SECTOR | Social Infrastructures/River & Erosion Control | | Total Cost Local Cost Foreign Cost | (Description) The Government of Venezuela decided to implement the action plan suggested in the master plan, and applied for an IDB loan. One JICA expert of Sabo was assigned in June 1990 to promote the implementation of the project. (FY 1991 Overseas Survey) Based on the master plan, an IDB study (Proyecto de Manejo de Cuencas para Venezuela VE0063) has been undertaken. | | | | | | |
| 4.REFERENCE NO. | | | (US\$1,000) 1) 88,775 | | | | | | | |
| 5.TYPE OF STUDY | M/P+ (F/S) | | (US\$1=130Yen=40Bs.) 2) | | | | | | | |
| 6.COUNTERPART AGENCY | Ministerio del Ambiente y de los Recursos Naturales Renovales | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | | | |
| 7.OBJECTIVES OF STUDY | Downstream Basin Flood Control and Upstream Sabo Projects of Chama River | The study proposed a master plan of river and flood control by projecting future development and transportation demands in the basin area through the year 2020. For wide area disaster prevention, the study recommended the construction of 10 units of Sabo dams, 110 units of torrent works, 1,400 units of hillside works and also 53.4km in length of river improvement. For the local disaster prevention project, disaster prevention works at 100 of prone to danger locations and river improvement of 5.4km in length were recommended. | | | | | | | | |
| 8.DATE OF S/W | Jun.1988 | | | | | | | | | |
| 9.CONSULTANT(S) | CTI Engineering Co., Ltd. Nihon Koei Co., Ltd. | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | |
| 10.STUDY TEAM | No.of Members 12 Period Nov.1988-Feb.1990 (16 months) | The effects of development: 1) 7,480,000 cq.m out of 9,600,000 cq.m of the design annual sediment discharge will be detained and controlled by Sabo facilities. 2) The remaining balance of 2,120,000 cq.m is safely discharged by the increase of sediment load discharge capacity through river channel improvement. The flood control of downstream inundation will be done by Chama River channel improvement (a 100-year probable rate of flow of 2,300 cu.m/s). The annual average benefit is estimated at 231 million bolivares. | | | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Total M/M</th> <th style="text-align: left;">Japan</th> <th style="text-align: left;">Field</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">68.16</td> <td style="text-align: center;">25.80</td> <td style="text-align: center;">42.36</td> </tr> </tbody> </table> | | | | | | Total M/M | Japan | Field | 68.16 |
| Total M/M | Japan | Field | | | | | | | | |
| 68.16 | 25.80 | 42.36 | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | Surveying work, construction of observation stations | 5.TECHNICAL TRANSFER | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | |
| 12.EXPENDITURE | | OJT for the counterparts on hydrologic observation procedures. Conducted a seminar on flood control and sabo planning. | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: left;">Total</td> <td style="text-align: right;">273,306 (Y'000)</td> </tr> <tr> <td style="text-align: left;">Contracted</td> <td style="text-align: right;">243,477</td> </tr> </tbody> </table> | | | | | Total | 273,306 (Y'000) | Contracted | 243,477 | |
| Total | 273,306 (Y'000) | | | | | | | | | |
| Contracted | 243,477 | | | | | | | | | |

和名 チャマ川流域防災計画

(M/P,M/P+(F/S),Basic Study,Other)

PROJECT SUMMARY (M/P+F/S)

CSA VEN/S 201B/89

Compiled Mar.1991
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|--|-----------|--|---------------------------------------|------------|------------|---|--|
| 1.COUNTRY | Venezuela | 1.SITE OR AREA | Entire Chama River Basin (3,785 sq.m) | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Implementing <input type="radio"/> Processing <input checked="" type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled |
| 2.NAME OF STUDY | | 2.PROJECT COST | | Total Cost | Local Cost | (Description) The Government of Venezuela applied for an IDB loan on the basis of the Action Plan proposed by the Master Plan. To promote the project implementation, one Japanese Sabo expert was assigned in June 1990. (FY1991 Overseas Survey) The proposed project was initially high in priority, but not any longer. There is no prospect of procuring finance, and the project has not been integrated to the national development plan. There is a possibility of reviving the project, but the timing is yet unknowable. | |
| Chama River Basin Conservation Project | | (US\$1,000) 1) 27,575 (US\$1=130Yen=40Bs.) 2) 3) | | | | | |
| | | | | | | | |
| 3.SECTOR | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | (Description) The Government of Venezuela applied for an IDB loan on the basis of the Action Plan proposed by the Master Plan. To promote the project implementation, one Japanese Sabo expert was assigned in June 1990. (FY1991 Overseas Survey) The proposed project was initially high in priority, but not any longer. There is no prospect of procuring finance, and the project has not been integrated to the national development plan. There is a possibility of reviving the project, but the timing is yet unknowable. | |
| Social Infrastructures/River & Erosion Control | | Construction of 3 units Sabo dams, 18 units of torrent works, 340 units of hillside works and 35.1 km in length of downstream river improvement proposed as the wide area disaster prevention project. | | | | | |
| 4.REFERENCE NO. | | 4.FEASIBILITY AND ITS ASSUMPTIONS Feasibility: Yes EIRR1) 13.20 FIRR1) EIRR2) FIRR2) EIRR3) FIRR3) | | | | | |
| 5.TYPE OF STUDY | | | | | | | |
| (M/P)+F/S | | | | | | | |
| 6.COUNTERPART AGENCY | | | | | | | |
| Ministerio del Ambiente y de los Recursos Naturales Renovales | | Conditions and Development Impacts: The construction period is 10 years ending in the year 2000. Proposed sabo facilities will be implemented in accordance to the order of priority suggested in the master plan. The project will detain and control one-third of the estimated sediment discharge of 9.6 million cu.m. River improvement will eliminate up to 1,450 cu.m/s of the down-stream inundation with a 10-year probable rate of flow. | | | | | |
| 7.OBJECTIVES OF STUDY | | | | | | | |
| Downstream Basin Flood Control and Upstream Sabo Projects of Chama River | | 5. TECHNICAL TRANSFER OJT for the counterparts on hydrologic observation procedures. Conducted a seminar on flood control and sabo planning. | | | | | |
| 8.DATE OF S/W | | | | | | | |
| Jun.1988 | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | |
| 9.CONSULTANT(S) | | | | | | | |
| CTI Engineering Co., Ltd. Nihon Koei Co., Ltd. | | 3.PRINCIPAL SOURCE OF INFORMATION ①② | | | | | |
| 10.STUDY TEAM | | | | | | | |
| No.of Members 12 Period Nov.1988-Feb.1990 (16 months) | | 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY Surveying work, construction of Observation Stations | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Total M/M</td> <td style="width: 30%;">Japan</td> <td style="width: 40%;">Field</td> </tr> <tr> <td style="text-align: center;">68.16</td> <td style="text-align: center;">25.80</td> <td style="text-align: center;">42.36</td> </tr> </table> | | | | | | Total M/M | Japan |
| Total M/M | Japan | Field | | | | | |
| 68.16 | 25.80 | 42.36 | | | | | |
| 12.EXPENDITURE | | 12.EXPENDITURE Total 273,306 (¥'000) Contracted 243,477 | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Total</td> <td style="width: 30%;">Japan</td> <td style="width: 40%;">Field</td> </tr> <tr> <td style="text-align: center;">68.16</td> <td style="text-align: center;">25.80</td> <td style="text-align: center;">42.36</td> </tr> </table> | | | | | | Total | Japan |
| Total | Japan | Field | | | | | |
| 68.16 | 25.80 | 42.36 | | | | | |

和名 チャマ川流域防災計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (Basic Study)

OCE FJI/A 501/78

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | | | | | | | | | | | |
|--|------------|--|---|---------------|--|------------------|--|------------|------------|--------------|--|-------------|-------|-------|-------|--|--|----|--|--|--|
| 1.COUNTRY | Fiji | 1.SITE OR AREA | An area of 100 sq.km in and around coconut stands in Taveuni Island | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | | | | | | | | | | | |
| 2.NAME OF STUDY | | 2.PROJECT COST | | | (Description) The survey manual is used by the authorities concerned. | | | | | | | | | | | | | | | | |
| Analytical Survey of Coconut Forests in Taveuni Island | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">Total Cost</td> <td style="width: 10%; text-align: center;">Local Cost</td> <td style="width: 10%; text-align: center;">Foreign Cost</td> <td style="width: 30%;"></td> </tr> <tr> <td style="text-align: center;">(US\$1,000)</td> <td style="text-align: center;">1)</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">2)</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Total Cost | Local Cost | Foreign Cost | | (US\$1,000) | 1) | | | | | 2) | | | |
| | Total Cost | Local Cost | Foreign Cost | | | | | | | | | | | | | | | | | | |
| (US\$1,000) | 1) | | | | | | | | | | | | | | | | | | | | |
| | 2) | | | | | | | | | | | | | | | | | | | | |
| 3.SECTOR | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | | | | | | | | | | | | | | | |
| Forestry/Forestry & Forest Conservation | | For the purpose of exploiting coconut stands a forest survey was conducted and its results were analyzed. As a result, a survey manual for coconut stands was presented containing following components: 1.Survey by sample tree method to prepare a tree volume table 2.Survey by sample tree method to prepare photo stand volume table 3.Preparation of standard interpretation cards | | | | | | | | | | | | | | | | | | | |
| 4.REFERENCE NO. | | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | | | | | | | | | | | | |
| 5.TYPE OF STUDY | | It is one of common interest in the Pacific Region to exploit coconut stands in addition to Fiji. The proposal in this survey would be useful for these countries | | | | | | | | | | | | | | | | | | | |
| 6.COUNTERPART AGENCY | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">Total M/M</td> <td style="width: 10%; text-align: center;">Japan</td> <td style="width: 10%; text-align: center;">Field</td> <td style="width: 30%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">33.00</td> <td style="text-align: center;">13.00</td> <td style="text-align: center;">20.00</td> <td></td> </tr> </table> | | | | | | Total M/M | Japan | Field | | | 33.00 | 13.00 | 20.00 | | | | | | |
| | Total M/M | Japan | Field | | | | | | | | | | | | | | | | | | |
| | 33.00 | 13.00 | 20.00 | | | | | | | | | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | | 5.TECHNICAL TRANSFER | | | | | | | | | | | | | | | | | | | |
| 8.DATE OF S/W | | -To conduct sample plot survey with counterparts -To give the technical guidance on the method to prepare a tree volume table. | | | | | | | | | | | | | | | | | | | |
| 9.CONSULTANT(S) | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | | | | | | | | | | | | | |
| Japan Forest Technical Association Kokusai Kougyo Co., Ltd. | | ① | | | | | | | | | | | | | | | | | | | |
| 10.STUDY TEAM | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | | | | | | | | | | | | | |
| No.of Members 10 Period Jul.1977-Mar.1978(9 months) | | | | | | | | | | | | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | | | | | | | | | | | | | | |
| 12.EXPENDITURE | | | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">Total</td> <td style="width: 10%; text-align: center;">78,294 (¥000)</td> <td style="width: 10%;"></td> <td style="width: 30%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">Contracted</td> <td style="text-align: center;">68,344</td> <td></td> <td></td> </tr> </table> | | | Total | 78,294 (¥000) | | | | Contracted | 68,344 | | | | | | | | | | | | |
| | Total | 78,294 (¥000) | | | | | | | | | | | | | | | | | | | |
| | Contracted | 68,344 | | | | | | | | | | | | | | | | | | | |

和名 林業開発 (TAVEUNI島ココナツ林解析調査)

(M/P,M/P+(F/S),Basic Study,Other)

PROJECT SUMMARY (Basic Study)

OCE FJI/A 502/82

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | |
|--|------|---|---|--|--|--|------------------------------------|--|
| 1.COUNTRY | Fiji | 1.SITE OR AREA | An area of 18.7 sq.km in Koroutari district Nua Levu Island | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | |
| 2.NAME OF STUDY The Survey for Forest Development in Fiji | | 2.PROJECT COST (US\$1,000) | | | (Description) 1. As to Koroutari District, the stand density control diagram presented in this study has been utilized for forest planning. 2. As to Nukurna District, the results of this study have been utilized for forest planning. | | | |
| 3.SECTOR Forestry/Forestry & Forest Conservation | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | | |
| 4.REFERENCE NO. | | 1. As to the area in Koroutari District, based on the results of the analysis on pine plantations, it was recommended that the authorities concerned must establish a forest management plans. 2. As to the area in Nukurna District, based on the results of the analysis on broad-leaves forests and its productivity, it was recommended to conduct a productivity survey for re-afforestation project in broad-leaves forest near future using the reference materials and the study method in this study. | | | | | | |
| 5.TYPE OF STUDY Basic Study | | | | | | | | |
| 6.COUNTERPART AGENCY Fijian Forest Department | | | | | | | | |
| 7.OBJECTIVES OF STUDY | | | | | | | | |
| 8.DATE OF S/W Jul.1980 | | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | |
| 9.CONSULTANT(S) Japan Forest Technical Association | | These recommendations introduced the "right tree on right site" policy. By implementing of re-afforestation with the policy, planning achievement, growth of planting trees and increase of these production would be realized. | | | | | | |
| 10.STUDY TEAM | | | | | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| No.of Members 33 Period Jul.1980-Mar.1982 (17 months) | | | | | | | | |
| | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | |
| 12.EXPENDITURE | | 5.TECHNICAL TRANSFER | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | |
| Total 165,470 (¥'000) | | -To accept trainees -To conduct field surveys with counterparts -To give a guidance on forest productivity survey | | | ① | | | |
| Contracted 147,000 | | | | | | | | |

和名 林業資源調査

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (Basic Study)

OCE FJI/A 503/87

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | |
|---|-------|--|----------|------------|---|--|--|--------------|-------|-------|
| 1.COUNTRY | Fiji | 1.SITE OR AREA | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | |
| 2.NAME OF STUDY | | In the water basin within 200nautical miles of Fiji and Tuvalu | | | | | | | | |
| Fisheries Resources Survey in Fiji and Tuvalu | | 2.PROJECT COST | | | (Description) | | | | | |
| | | (US\$1,000) | 1) 2) | Total Cost | | | Local Cost | Foreign Cost | | |
| 3.SECTOR | | 3.CONTENTES OF MAJOR PROJECT(S) | | | Following the result of the study, Governments of Fiji and Tuvalu promoted the bottom line fishing method to fishermen who employed the traditional fishing method, and gave them assistance. The use of this fishing method contributes to the development of fisheries in both countries, by enabling the exports of long tail bream to Hawaii and U.S.mainland. | | | | | |
| Fisheries/Fisheries | | Both Government of Fiji and Tuvalu requested the development of fishing method to explore marine resources and development of unutilized resources in the surrounding water. Upon this request, Japanese Government conducted the development of fishing places of pelagic fish by pole and line fishing, trolling line, and drift gillnet and resources survey including development of demersal fish resources by bottom line. | | | | | | | | |
| 4.REFERENCE NO. | | 4.CONDITIONS AND DEVELOPMENT IMPACTS Bottom line and trolling line fishing have been concluded to be the most appropriate fishing in term of haul and economy, based on three year resource survey. Only 10% of whole resources has been utilized in those water basin, and there seems to be plenty of available resources for fishing. | | | | | | | | |
| 5.TYPE OF STUDY | | | | | | | Basic Study | | | |
| 6.COUNTERPART AGENCY | | | | | | | Bureau of Fishery, Ministry of Agriculture and Fishery, Fiji; Bureau of Fishery Ministry of Commerce and Natural Resources, Tuvalu | | | |
| 7.OBJECTIVES OF STUDY | | | | | | | | | | |
| 8.DATE OF S/W | | | | | | | Mar.1984 | | | |
| 9.CONSULTANT(S) | | | | | | | Hohsul Corporation | | | |
| 10.STUDY TEAM | | | | | | | No.of Members 5 Period Jul.1983-Jun.1986 (36 months) | | | |
| | | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Total M/M</th> <th style="width: 20%;">Japan</th> <th style="width: 20%;">Field</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">99.14</td> <td style="text-align: center;">38.07</td> <td style="text-align: center;">61.07</td> </tr> </tbody> </table> | | | | | Total M/M | Japan | Field | 99.14 |
| Total M/M | Japan | Field | | | | | | | | |
| 99.14 | 38.07 | 61.07 | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | | | |
| 12.EXPENDITURE | | 5.TECHNICAL TRANSFER | | | | | | | | |
| Total | | 511,058 (Y'000) | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | |
| Contracted | | 416,487 | | | | | | | | |
| | | -Transfer of resource survey technique to local people. -Transfer of navigation technique, engine technology, maintenance of product. | | | ① | | | | | |
| | | | | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | |

和名 水産資源調査

(M/P,M/P+(F/S),Basic Study,Other)

PROJECT SUMMARY (Basic Study)

OCE KIR/A 501/78

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | | | |
|--|--|---|---|----------------------------------|--|--|--|-------|-------|------------|---------|------|-------|
| 1.COUNTRY | Kiribati | 1.SITE OR AREA | Sea shore and off-shore basin between Butaritari Island and Nonouti Island in Gilbert Islands | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | | | | |
| 2.NAME OF STUDY | Fishery Resources in the Gilbert Islands | 2.PROJECT COST | | | Total Cost Local Cost Foreign Cost | | (Description) Based on the findings of the study, a series of Japanese grant aid was approved to develop fisheries. Mar.1980 E/N signed (500 million yen) for a fishing training boat May 1982 E/N signed (500 million yen) for a fishing training boat May 1983 E/N signed (200 million yen) for a fishing training boat Sep.1984 E/N signed (580 million yen) for a fishing mother boat Sep.1985 E/N signed (939 million yen) for channel development for fishing boats Aug.1986 E/N signed (189 million yen) for channel development for fishing boats Apr.1988 E/N signed (253 million yen) for expansion of refrigerating facilities Nov.1988 E/N signed (130 million yen) for training of fishermen | | | | | | |
| 3.SECTOR | Fisheries/Fisheries | (US\$1,000) | 1) 2) | 3.CONTENT(S) OF MAJOR PROJECT(S) | | | | | | | | | |
| 4.REFERENCE NO. | | Tarawa Island in the Gilbert Islands was the base of the study. Resource development study of Skipjack and other fish was conducted through experiment of Skipjack pole and line fishing and of fry fishing by Stick-held disp net & round haul fishing in the shore and offshore of Butaritari Island and Nonouti Island. | | | | | | | | | | | |
| 5.TYPE OF STUDY | Basic Study | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | | | | |
| 6.COUNTERPART AGENCY | Bureau of Marine Resources | As the results of six month survey of Bonita resources, it was Surrounding water basin of Tarawa, Abemama and Butaritari Islands and fry resources are also rich. However, traditional way of fishing has continued in each island. Fishing boats which can utilize rich marine resources and improvement of ground facilities are expected. | | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | | 10.STUDY TEAM | | | | | | | | | | | |
| 8.DATE OF S/W | Mar.1978 | No. of Members 2 Period May.1978-Oct.1978 (6 months) | | | | | | | | | | | |
| 9.CONSULTANT(S) | Hohsui Corporation Universal Fisheries Inc. | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;">Total M/M</td> <td style="width: 20%; text-align: center;">Japan</td> <td style="width: 20%; text-align: center;">Field</td> </tr> <tr> <td></td> <td style="text-align: center;">12.00</td> <td style="text-align: center;">1.00</td> <td style="text-align: center;">12.00</td> </tr> </table> | | | | Total M/M | | Japan | Field | | 12.00 | 1.00 | 12.00 |
| | Total M/M | Japan | Field | | | | | | | | | | |
| | 12.00 | 1.00 | 12.00 | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | | | | |
| 12.EXPENDITURE | | 5.TECHNICAL TRANSFER | | | | | | | | | | | |
| | | Fishing method, navigation method, resource survey method, food engine technology were transferred in the resource survey ship. | | | | | | | | | | | |
| | | 12.EXPENDITURE | | | | | | | | | | | |
| | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;">Total</td> <td style="width: 20%; text-align: center;">267,385 (¥000)</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Contracted</td> <td style="text-align: center;">166,608</td> <td></td> </tr> </table> | | | | Total | 267,385 (¥000) | | | Contracted | 166,608 | | |
| | Total | 267,385 (¥000) | | | | | | | | | | | |
| | Contracted | 166,608 | | | | | | | | | | | |
| | | | | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | | |
| | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | ① | | | | | | | |

和名 水産資源調査

(M/P,M/P+(F/S),Basic Study,Other)

PROJECT SUMMARY (F/S)

OCE PNG/A 301/77

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|---|-----------------------------------|---|--|--|------------|--|---|
| 1.COUNTRY | Papua New Guinea | 1.SITE OR AREA | | Rabaul, Kavieng | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input checked="" type="checkbox"/> Delayed or Suspended <input type="radio"/> Processing <input type="checkbox"/> Discontinued or Cancelled |
| 2.NAME OF STUDY | Fishing Base Construction Project | 2.PROJECT COST | | Total Cost | Local Cost | | |
| 3.SECTOR | Fisheries/Fisheries | 3.CONTENTES OF MAJOR PROJECT(S) | | 1) 2) 3) | | (Description) A follow-up study was conducted in Apr. 1977. | |
| 4.REFERENCE NO. | | Following the idea that Bonito pole and line fishing method is to be transferred to fishing based on fishing base, a fishing base will be established. | | | | | |
| 5.TYPE OF STUDY | F/S | | | | | | |
| 6.COUNTERPART AGENCY | | | | | | | |
| 7.OBJECTIVES OF STUDY | | | | | | | |
| 8.DATE OF S/W | .0 | Imp. Period: | | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| 9.CONSULTANT(S) | | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: EIRR1) FIRR1) Yes/No EIRR2) FIRR2) EIRR3) FIRR3) | | | |
| 10.STUDY TEAM | | Conditions and Development Impacts: It is presumed that potential demand for marine product amounts to a considerable amount. Supplying system will be improved by the construction of fishing base. It would contribute to promotion of fishery and production of freezeed Bonito for export. It also secure animal protein for people of Papua New Guinea. | | | | | |
| No.of Members Period Nov.1976-Dec.1976(1 months) | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.TECHNICAL TRANSFER | | 3.PRINCIPAL SOURCE OF INFORMATION | | | |
| 12.EXPENDITURE | | | | ① | | | |
| Total 65,046 (¥'000) Contracted | | | | | | | |

和名 漁業基地建設計画

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (F/S)

OCE PNG/S 301/89

Compiled Mar.1991
Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | | | | | | |
|---|--|--|-------------------------------------|----------------------------|----------------------------|---|---|---|--|-------|-------|--|--|
| 1.COUNTRY | Papua New Guinea | 1.SITE OR AREA | Rural areas (population 2.6million) | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled | | | | | | |
| 2.NAME OF STUDY | Rural Telecommunication Development Plan in Papua New Guinea | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | | | | | | | | |
| 3.SECTOR | Communications & Broadcasting/Telecommunication | | 1) 30,850 | 20,871 | 9,979 | (Description) PNG government submitted the request for a basic design study to the Mission of the Japanese Ministry of Foreign Affairs in mid-February 1990. The project is considered as lower priority than the others (schools and hospital) by the Japanese Ministry of Foreign Affairs. The project is unlikely to be implemented in the foreseeable future. | | | | | | | |
| 4.REFERENCE NO. | | | 2) US\$1=130Yen | | | | | | | | | | |
| 5.TYPE OF STUDY | F/S | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | | | | | | |
| 6.COUNTERPART AGENCY | The Post and Telecommunication Corporation (PTC) | Following criteria are given to the selection of objective villages: 1)Villages with population more than 500, 2)Villages with government organization or private industries. Rural telecommunications development plan was prepared for 374 villages to where the radio telecommunications systems are applicable. The outline of the plan is as follows: (1) 738 telephone sets including pay phones will be installed in 374 villages. (2) The entire project will be divided into five phases through 1997 by giving attention to the schedule of finance and construction as well as to the establishment of a smooth operating system. (3) 75 telephone sets will be installed in 40 villages of 3 provinces during the first phase. | | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | (1) Nationwide "Rural Telecommunication Development Plan" up to 1997 (2) "Initial Plan" to selected areas having priority | | | | | | | | | | | | |
| 8.DATE OF S/W | Dec.1988 | 4.FEASIBILITY AND ITS ASSUMPTIONS | Feasibility: Yes/No | EIRR1) EIRR2) EIRR3) | FIRR1) FIRR2) FIRR3) | | | -0.62 | | | | | |
| 9.CONSULTANT(S) | NTT International Corporation | Conditions and Development Impacts: In PNG, about 90% of the population live in rural areas. Most villages do not have any means of telecommunication. PNG Government announced the communications facilities development as one of the main targets for infrastructure development in a Five-Year Economic Plan (1988-1992). The extension of telecommunication to rural areas is expected to bring various social and economic benefits, especially effective in narrowing the disparities between urban and rural areas. | | | | | | | | | | | |
| 10.STUDY TEAM | No.of Members 7 Period Mar.1989-Nov.1989 (7 months) | | | | | | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">40.36</td> <td style="text-align: center;">16.59</td> <td style="text-align: center;">23.77</td> </tr> </table> | Total M/M | Japan | Field | 40.36 | | | | | 16.59 | 23.77 | | |
| Total M/M | Japan | Field | | | | | | | | | | | |
| 40.36 | 16.59 | 23.77 | | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | |
| 12.EXPENDITURE | | 5. TECHNICAL TRANSFER | | | | | | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">Total</td> <td style="text-align: right;">135,625 (¥'000)</td> </tr> <tr> <td style="text-align: left;">Contracted</td> <td style="text-align: right;">126,200</td> </tr> </table> | Total | 135,625 (¥'000) | Contracted | 126,200 | A engineer of PTC took a training in Japan. (Sep.4,1989-Sep.20,1989) | | | | ① | | | |
| Total | 135,625 (¥'000) | | | | | | | | | | | | |
| Contracted | 126,200 | | | | | | | | | | | | |

和名 地方電話網整備計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (D/D)

OCE PNG/S 401/89

Compiled Mar.1991
Revised Mar.1993

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|--|--|---|--|----------------------------|----------------------------|--|---|
| 1.COUNTRY | Papua New Guinea | 1.SITE OR AREA | 80 km long highway between Bareina in Central Province and Malalaua in Gulf Province | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input checked="" type="checkbox"/> Processing |
| 2.NAME OF STUDY | Detailed Design on Road Construction Project in Bereina-Malalaua | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | | |
| 3.SECTOR | Transportation/Road | | 1) 82,800 | 28,980 | 53,820 | (Description) 1985 Japanese Govt. committed a loan (4.3 billion yen) 1990 D/D undertaken by JICA Feb. - Mar. 1990 PNG Govt. requested the OECF Appraisal Mission for an increase of the loan and obtained the latter's approval. Feb. 1991 OECF L/A signed Jan. 1993 P/Q for the construction works was announced. The project is expected to be commenced later in the year. | |
| 4.REFERENCE NO. | | | 2) | | | | |
| 5.TYPE OF STUDY | D/D | 3.CONTENTES OF MAJOR PROJECT(S) | 3) | | | | |
| 6.COUNTERPART AGENCY | OIDA(DOFP) DOW | 80 km is broken down into 2 sections. Lot I: 33.5km: Excavation & embankment volume 1,570,000cu.m Bridges 3 Lot II: 47.1km: Excavation & embankment volume 12,000,000cu.m Sand Mat 170,000cu.m Bridges 6 | | | | | |
| 7.OBJECTIVES OF STUDY | Road Construction | | | | | | |
| 8.DATE OF S/W | Jun.1987 | Imp. Period: | Sep.1991-Sep.1995 | | | | |
| 9.CONSULTANT(S) | Nihon Koei Co., Ltd. Katahira & Engineers International Pasco International Inc. | 4.FEASIBILITY AND ITS ASSUMPTIONS | Feasibility: Yes/No | EIRR1) EIRR2) EIRR3) | FIRR1) FIRR2) FIRR3) | | |
| 10.STUDY TEAM | No.of Members 23 Period Oct.1987-Feb.1990 (28 months) | Conditions and Development Impacts: (F/S) 1. Future Traffic Volume: Starting year-200 cars per day. increasing 3% afterwards 2. After 10 years Pavement will be done 3. Time saving: 20 hours by boatripe will be shortened to 1.5 hours Running cost saving: difference between boatripe charge and vehicle running cost was considered 4. Sensitivity Analysis: Excluding running cost saving: IRR=9.1% 15% decrease of total benefit: IRR=9.3% | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | Aerial Photoqrammentry River Cross-section Survey Boring Survey | (D/D) 1. Smooth implementation of land survey and land acquisition 2. Procurement of domestic portion of project cost | | | | | |
| 12.EXPENDITURE | Total 776,881 (¥'000) Contracted 730,622 | 5.TECHNICAL TRANSFER 1. C/P training in Japan for Surveyor and Bridge Engineer 2. Guided on mechanical tests to DOW labo. staff 3. Guided on application and using methods of Laymond Samplar and Thinwall Samplar 4. Guided an application of Highway CAD for detailed design of highway | | | | | |
| 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | |
| PNG government thinks that it is essential to complete the land acquisition prior to the commencement of the construction, otherwise he will receive much amount of claims from contractors. | | | | | | | |
| 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | |
| ①②④ | | | | | | | |

和名 横断道路建設計画 (ベレイナ・マララウア間)

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (F/S)

OCE PNG/S 302/91

Compiled Mar.1993
Revised

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|--|---|--|---|--|---------------------|--|---|
| 1.COUNTRY | Papua New Guinea | 1.SITE OR AREA | | Tokua and Rabaul in East New Britain | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled |
| 2.NAME OF STUDY | Tokua Airport Development Project | 2.PROJECT COST | | Total Cost | Local Cost | | |
| | | (US\$1,000) | 1) 2) 3) | 70,000 | 34,000 | 36,000 | |
| 3.SECTOR | Transportation/Air Transportation & Airport | 3.CONTENTS OF MAJOR PROJECT(S) | | (Description) For urgency of this project, PNG government decided early implementation, but yet considering how to provide its finance. However, PNG government seems to have the earnest desire for Japan to conduct subsequent D/D. Remark: The Plessey Co., PIC of England submitted the subject proposal at the end of 1991. | | | |
| 4.REFERENCE NO. | | Tokua Airport Development targeting the year 2000 will be carried out to substitute the present Rabaul Airport due to the danger of volcanic eruptions. Major contents are as follows. | | | | | |
| 5.TYPE OF STUDY | F/S | Runway | 2,200m x 45m | | | | |
| 6.COUNTERPART AGENCY | Department of Civil Aviation (D.C.A.) | Runway Strip | 2,320m x 150m | | | | |
| 7.OBJECTIVES OF STUDY | To develop Tokua Airport as the substitute of existing Rabaul | Apron | 205m x 140m | | | | |
| 8.DATE OF S/W | Nov.1990 | Passenger Terminal Building | 5,000m ² | Imp. Period: 1993-1997 | | | |
| 9.CONSULTANT(S) | Nihon Koei Co., Ltd. Pasco International Inc. | Cargo Terminal Building | 360m ² | 4.FEASIBILITY AND ITS ASSUMPTIONS | Feasibility: Yes/No | EIRR1) 18.50 | FIRR1) 3.10 |
| 10.STUDY TEAM | No.of Members 9 Period Feb.1991-Mar.1992(13 months) | Control Tower | 635m ² | Conditions and Development Impacts: Conditions: The diverted traffic demand from Port Moresby to Rabaul for international, the revealed traffic of potential demand and increased traffic demand by regional development were projected on the basis of the traffic survey conducted at Port Moresby and Rabaul Airports. A runway of 2,000m x 45m was planned to cater for A310 aircraft and passenger terminal building was planned with a floor area of 5,000m ² . Development Impacts: Operational efficiency will be improved to avoid volcanic disasters. The economic benefits comprise efficiency of fuel consumption for navigation, expenditure by foreign tourists, and passengers' benefit by willingness to pay, etc. (EIRR 18.5%, B/C 1.24, NPV 10,772 thousand Kina) | | | |
| | Total M/M | Administration Building | 778m ² | | | | |
| | Japan | Fuel Farm | 4,000m ² | | | Shortage of project finance in PNG side. | |
| | Field | Parking Lot | 5,200m ² | | | | |
| | 33.86 | Operation Equipment | VOR/DME, NDB, AMS, AFS, SALS, ATC, PAPI, etc. | | | | |
| | 18.33 | Utilities | Electric, Water, Telephone | | | | |
| | 15.53 | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | - Geotechnical Survey - Topographic Survey | 5.technical transfer | | 3.PRINCIPAL SOURCE OF INFORMATION | | | |
| 12.EXPENDITURE | Total 169,491 (¥'000) Contracted 157,574 | Joint works with respective counterparts. | | ① | | | |

和名 トクア空港整備計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (F/S)

OCE SLB/S 301/79

Compiled Mar.1986
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | |
|--|--|---|-----------|---------------------|---------------------------------|---|---|---------------------------------|
| 1.COUNTRY | Solomon Islands | 1.SITE OR AREA | | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Delayed or Suspended <input checked="" type="checkbox"/> Discontinued or Cancelled | |
| 2.NAME OF STUDY | Telecommunication Trunk Network Construction Project | Solomon Island | | | | | | |
| 3.SECTOR | Communications & Broadcasting/Telecommunication | 2.PROJECT COST | | Total Cost | Local Cost | (Description) Discontinued after the completion of F/S (FY1991 Overseas Survey) No additional information. | | |
| 4.REFERENCE NO. | | (US\$1,000) | 1) 20,069 | 620 | 19,449 | | | |
| 5.TYPE OF STUDY | F/S | (US\$1=220Yen) | 2) | | | | | |
| 6.COUNTERPART AGENCY | Ministry of Transport and Communications | 3) | | | | | | |
| 7.OBJECTIVES OF STUDY | Feasibility study on the telecommunication network construction project. | 3.CONTENTIS OF MAJOR PROJECT(S) | | | | | | |
| 8.DATE OF S/W | Jan.1979 | Imp. Period: .1980-.1983 | | | | | | |
| 9.CONSULTANT(S) | Nippon Telecommunication Consulting Co., Ltd. | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: Yes/No | EIRR1) 4.30 EIRR2) EIRR3) | | | FIRR1) 4.70 FIRR2) FIRR3) |
| 10.STUDY TEAM | No.of Members 12 Period | Conditions and Development Impacts: To connect Honiara, the capital, and 23 other centers by the OH radio system. Because the country consists of thousands of islands, the study proposes to introduce an over horizontal telecommunications network system. The project will contribute to the closer integration of the island nation and stimulate economic and tourism development. | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.TECHNICAL TRANSFER | | | | | | |
| 12.EXPENDITURE | Total 64,103 (¥'000) Contracted 23,495 | On the job training for the counterparts. | | | | | | |
| | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | Agreement was not reached on the amount of yen credit. | | |
| | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | ①② | | |

和名 国内電気通信幹線網建設計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (F/S)

Compiled Mar.1993
Revised

OCE SLB/S 302/91

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|---|-----------------|--|----|--------------|------------|--|--|
| 1.COUNTRY | Solomon Islands | 1.SITE OR AREA | | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled |
| 2.NAME OF STUDY | | Henderson International Airport, Honiara | | | | | |
| Development Project of Henderson International Airport | | 2.PROJECT COST | | Total Cost | Local Cost | Foreign Cost | |
| | | (US\$1,000) | 1) | 22,000 | | 22,000 | |
| | | US\$1=SI\$2.80 | | 2) | | | |
| | | | | 3) | | | |
| 3.SECTOR | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | (Description) 1992.11 A project finding mission visited the Solomon Islands and grant aid request to the Government of Japan is under consideration for this project. | |
| Transportation/Air Transportation & Airport | | 1) Civil Works Runway strengthening (maintaining the current scale), taxiway(242.5m long and 23m wide) apron(130m wide and 105 deep), GSE road(20mwide), access road extension, terminal road and car parking sloping, drainage, asphalt pavement, fence(2.4m high) and security. | | | | | |
| 4.REFERENCE NO. | | 2) Architectural Works | | | | | |
| 5.TYPE OF STUDY | | Passenger terminal building: one-floor terminal building with a floor space of 4,000 sq. m.; Other works include repair of the existing terminal building and construction of fire station garage. | | | | | |
| 6.COUNTERPART AGENCY | | 3) Aviation Safety Facilities | | | | | |
| Civil Aviation Division (CAD), Ministry of Tourism and Aviation (MTA) | | Radio system: Installation of ILS localizer(LLZ), glidepath(GP)antenna and DME and renewal of the existing NDB. | | | | | |
| 7.OBJECTIVES OF STUDY | | Other plans include aviation radio facilities, navigation control system, approaching lights, and relocation of weather observation facilities. | | | | | |
| Preparation of Master plan and feasibility study on the short-term development project. | | 4) Municipal Service Facilities | | | | | |
| | | Fuel depots, electric power facilities, water supply facilities, sewage disposal facilities, incinerator, and telephone system. | | | | | |
| | | * The items of the above project costs are 1)costs of the whole projects, 2) costs of priority I projects and 3) costs of priority II projects. | | | | | |
| 8.DATE OF S/W | | Imp. Period: | | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| Mar.1990 | | .1992-.2000 | | | | | |
| 9.CONSULTANT(S) | | 4.FEASIBILITY AND ITS ASSUMPTIONS | | Feasibility: | EIRR1) | | |
| Pacific Consultants International | | | | Yes/No | EIRR2) | 10.90 | FIRR2) |
| | | | | EIRR3) | 13.60 | FIRR3) | |
| 10.STUDY TEAM | | Conditions and Development Impacts: | | | | | |
| No.of Members 6 | | 1) General Conditions: Benefits and costs are yearly calculated on 1991 fixed prices(Solomon dollars) for the period between 1992 and 2010 and import taxes are not taken into consideration. | | | | | |
| Period Sep.1990-Oct.1991(14 months) | | 2) Economic Benefits: | | | | | |
| Total M/M | | a)Time saving benefit by congestion eradication. | | | | | |
| Japan | | b)Increase in airport revenue such as boarding fees, landing fees, light fees, air navigation fee, space rentals and fuel lubrication payment. | | | | | |
| Field | | c)Increase in import tax revenue on aircraft fuel and lubricant. | | | | | |
| 35.45 | | d)National income increase by the foreign currency consumption by foreign tourists. | | | | | |
| 20.44 | | 3) Intangible or Indirect benefits | | | | | |
| 15.01 | | Other uncalculated benefits such as safety, reliableness and punctuality of flight operation and air transportation, comfortableness and convenience of the airport passengers, contribution to the social, economic and cultural development of Solomon Islands. | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | * The item of the above EIRRs are 1)original plan, 2) in the case of 10% cost increase and 3) in the case of 10% cost decrease. Others are 4) 13.4% in the case of 10% traffic volume increase, and 5) 10.8% in the case of 10% traffic volume decrease. | | | | 3.PRINCIPAL SOURCE OF INFORMATION | |
| | | 5.technical transfer | | | | | |
| | | | | | | | |
| 12.EXPENDITURE | | | | | | ① | |
| Total | | 148,220 (¥'000) | | | | | |
| Contracted | | 139,000 | | | | | |

和名 ヘンダーソン国際空港整備計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (M/P+F/S)

OCE WSM/S 201A/87

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | |
|--|--|--|------------|------------|--------------------------------------|--|-------|-------|-------|------|
| 1.COUNTRY | Western Samoa | 1.SITE OR AREA | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | |
| 2.NAME OF STUDY | Development of the Ports in Western Samoa | Apia Port | | | | | | | | |
| 3.SECTOR | Transportation/Port | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | (Description) A feasibility study was undertaken on the first stage plan. | | | | |
| 4.REFERENCE NO. | | (US\$1,000) | 1) | | | | | | | |
| 5.TYPE OF STUDY | M/P+ (F/S) | (US\$1=152yen) | 2) | | | | | | | |
| 6.COUNTERPART AGENCY | Ministry of Transport | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | | | |
| 7.OBJECTIVES OF STUDY | Formulation of M/P up to the year 2005 Preparation of a first stage plan within the framework of the M/P | Long-term development plan of ports in Western Samoa | | | | | | | | |
| 8.DATE OF S/W | Jul.1986 | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | |
| 9.CONSULTANT(S) | Overseas Coastal Area Development Institute of Japan Nippon Tetrapod Co., Ltd. | Ports play a central role in the development of this island nation. The proposed first stage development will enable more efficient and safer port operations. | | | | | | | | |
| 10.STUDY TEAM | No. of Members 6 Period Jan.1987-Oct.1987(10 months) | | | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | |
| | <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> <tr> <td style="text-align: center;">25.24</td> <td style="text-align: center;">9.80</td> <td style="text-align: center;">15.44</td> </tr> </table> | | | | Total M/M | | Japan | Field | 25.24 | 9.80 |
| Total M/M | Japan | Field | | | | | | | | |
| 25.24 | 9.80 | 15.44 | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5.TECHNICAL TRANSFER | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | |
| 12.EXPENDITURE | | Training to counterpart on the development of the ports in Western Samoa. | | | ① | | | | | |
| | Total 88,163 (¥'000) | | | | | | | | | |
| | Contracted 82,711 | | | | | | | | | |

和名 全国港湾整備総合計画

(M/P,M/P+(F/S),Basic Study,Other)

PROJECT SUMMARY (M/P+F/S)

OCE WSM/S 201B/87

Compiled Mar.1990
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | | | | | | | | | | | | | | | | | |
|---|----------------|---|----------------|---|--------|---|------------|------------|--------------|-------------|-----------|-------|--|----------------|----|--|--|--|----|--|--|---|--|
| 1.COUNTRY | Western Samoa | 1.SITE OR AREA | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">Total Cost</td> <td style="width: 15%; text-align: center;">Local Cost</td> <td style="width: 15%; text-align: center;">Foreign Cost</td> </tr> <tr> <td style="text-align: center;">(US\$1,000)</td> <td style="text-align: center;">1) 10,940</td> <td style="text-align: center;">3,260</td> <td></td> </tr> <tr> <td style="text-align: center;">(US\$1=152Yen)</td> <td style="text-align: center;">2)</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">3)</td> <td></td> <td></td> </tr> </table> | | | Total Cost | Local Cost | Foreign Cost | (US\$1,000) | 1) 10,940 | 3,260 | | (US\$1=152Yen) | 2) | | | | 3) | | | 1.PRESENT STATUS <input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing | |
| | Total Cost | Local Cost | Foreign Cost | | | | | | | | | | | | | | | | | | | | |
| (US\$1,000) | 1) 10,940 | 3,260 | | | | | | | | | | | | | | | | | | | | | |
| (US\$1=152Yen) | 2) | | | | | | | | | | | | | | | | | | | | | | |
| | 3) | | | | | | | | | | | | | | | | | | | | | | |
| 2.NAME OF STUDY Development of the Ports in Western Samoa | | 2.PROJECT COST | | (Description) The project was implemented by Japanese grant aid in two phases. Oct.1988 E/N signed (690 million yen) Jun.1989 E/N signed (913 million yen) Realized project: Phase I : Wharf repair 185m, wharf extension and one tug boat Total cost US\$ 5.28 million (US\$1=130.7yen) Phase II : Yard expansion, ferry terminal and breakwater 80m Total cost US\$ 6.96 million | | | | | | | | | | | | | | | | | | | |
| 3.SECTOR Transportation/Port | | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | | | | | | | | | | | | | | | | |
| 4.REFERENCE NO. | | First Stage Development: Wharf repair 185m Breakwater 100m Ferry terminal 3,600sq. Yard expansion 6,000sq. tug boat 1 Buoy lightings 4 | | | | | | | | | | | | | | | | | | | | | |
| 5.TYPE OF STUDY (M/P)+F/S | | 4.FEASIBILITY AND ITS ASSUMPTIONS | | | | | | | | | | | | | | | | | | | | | |
| 6.COUNTERPART AGENCY Ministry of Transport | | Feasibility: EIRR1) 13.40 FIRR1) -2.70 Yes/No EIRR2) FIRR2) EIRR3) FIRR3) | | | | | | | | | | | | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY Formulation of M/P up to the year 2005 Preparation of a first stage plan within the framework of the M/P | | Conditions and Development Impacts: - Projection of cargo volume for 2005 - Rehabilitation of superannuated and obsolescent facilities at Apia port - Efficient container cargo handling and efficient port operation - Improvement of navigation | | | | | | | | | | | | | | | | | | | | | |
| 8.DATE OF S/W Jul.1986 | | Imp. Period: Apr.1989-Mar.1991 | | | | | | | | | | | | | | | | | | | | | |
| 9.CONSULTANT(S) Overseas Coastal Area Development Institute of Japan Nippon Tetrapod Co., Ltd. | | 5. TECHNICAL TRANSFER | | | | | | | | | | | | | | | | | | | | | |
| 10.STUDY TEAM No. of Members 6 Period Jan.1987-Oct.1987 (10 months) | | -Two weeks training to captain and chief engineer of tugboat in Japan.-One week training to crew of tugboat in Western Samoa | | | | | | | | | | | | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 2.MAJOR REASONS FOR PRESENT STATUS | | | | | | | | | | | | | | | | | | | | | |
| 12.EXPENDITURE | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Total</td> <td style="width: 15%;">88,163 (¥'000)</td> </tr> <tr> <td>Contracted</td> <td>82,711</td> </tr> </table> | | Total | 88,163 (¥'000) | Contracted | 82,711 | (1) Urgent repair requirement of dilapidated wharf (2) Importance of ports for the national economy and life in Western Samoa ① | | | | | | | | | | | | | | | | | |
| Total | 88,163 (¥'000) | | | | | | | | | | | | | | | | | | | | | | |
| Contracted | 82,711 | | | | | | | | | | | | | | | | | | | | | | |

和名 全国港湾整備総合計画

(F/S,(M/P)+F/S,D/D)

PROJECT SUMMARY (Other)

ERP GRC/S 601/89

Compiled Mar.1991
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | |
|--|--|---|--|--|--|---|--|--|
| 1.COUNTRY | Greece | 1.SITE OR AREA | The areas specified in Greece as destination the areas in Japan as origin of tourist | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | |
| 2.NAME OF STUDY | Tourism Promotion | 2.PROJECT COST | | | | | | Total Cost Local Cost Foreign Cost |
| 3.SECTOR | Tourism/General | (US\$1,000) | 1) 2) | | | (Description) In accordance with the recommendations of the study, GNTO has increased their promotional budget in Japan, and various promotional activities are being implemented mainly in Tokyo metropolitan area. As a result, 130 thousand Japanese tourists visited Greece in 1989, exceeding the record 129 thousand in 1979 (the Aegean boom). GNTO Tokyo office continues their efforts to promote Japanese tourists to Greece. In addition to their efforts, the official schedule flights directly to Greece from Tokyo was opened by Olympic Airways from 1990, and a desirable increase of Japanese tourists in observed in 1991. | | |
| 4.REFERENCE NO. | | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | | |
| 5.TYPE OF STUDY | Other | 1) Basic strategies for tourism promotion 2) Promotional activities 3) Improvement plans by target area 4) Improvement of transport service Note: This project is not a concrete project, but only as example. That's why no cost calculation has been conducted. | | | | | | |
| 6.COUNTERPART AGENCY | Greek National Tourism Organization (E.O.T) | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | |
| 7.OBJECTIVES OF STUDY | Analysis of existing constraints & problems. Possible measures to increase Japanese tourists to Greece | Necessary conditions In-depth understanding of Japanese tourists' characteristics by the Government of Greece. Enough budget allocation by GNTO. Development effects Increase of Japanese tourists to Greece. Promotion of mutual good-will between Greece and Japan. Improvement of international trade imbalance. | | | | | | |
| 8.DATE OF S/W | Mar.1988 | 10.STUDY TEAM | | | 2.MAJOR REASONS FOR PRESENT STATUS | | | |
| 9.CONSULTANT(S) | ALMEC Corporation Pacific Consultants International | | | | The impacts of increased promotional activities by GNTO was proved effective, partly supported by the tourism boom in Japan. | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | 3.PRINCIPAL SOURCE OF INFORMATION |
| 12.EXPENDITURE | | 5.TECHNICAL TRANSFER | Practical methodology of market research Counterparts training in Japan: 3 persons | | | | | |
| Total | 164,582 (¥'000) | | | | | | ① | |
| Contracted | 140,614 | | | | | | | |

和名 観光振興計画

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (M/P)

PLU ZZZ/S 101/77

Compiled Mar. 1986

Revised Mar. 1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | |
|--|--|---|-------------------------------------|-----------|--|---|--|--|--|--|
| 1. COUNTRY | | 1. SITE OR AREA | Strait of Malacca, Strait of Lombok | | | 1. PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | |
| 2. NAME OF STUDY | Establishment of Electronic and Navigational Aid Systems Project | 2. PROJECT COST | (US\$1,000) | 1) 23,800 | Local Cost Foreign Cost | | | | | |
| 3. SECTOR | Transportation/Marine Transportation & Ships | | US\$1=442Rp. | 2) | | (Description) Experts were dispatched following the report recommendations. | | | | |
| 4. REFERENCE NO. | | 3. CONTENTS OF MAJOR PROJECT(S) | | | | | | | | |
| 5. TYPE OF STUDY | M/P | Installation of electronic navigation system to cover the strait of Malacca - Singapore and the strait of Lombok - McCastle. Deccz Medium wave beacon base 3 bases Ray Mark 11 bases Radar beacon 1 bases Light house new construction 10 improvement 2 Light buoy new construction 5 improvement 1 | | | | | | | | |
| 6. COUNTERPART AGENCY | Transportation Ministry Directorate General of Maritime Transportation (Indonesia) | | | | | | | | | |
| 7. OBJECTIVES OF STUDY | Traffic volume forecast | | | | | | | | | |
| 8. DATE OF S/W | Mar. 1975 | | | | | | | | | |
| 9. CONSULTANT(S) | Pacific Consultants International | 4. CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | |
| 10. STUDY TEAM | No. of Members 19 Period Oct. 1976-Aug. 1978 (23 months) <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Total M/M</td> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> </tr> </table> | Total M/M | Japan | Field | Utilization of the Lombok strait will permit navigation of vessels of over 3.5m URC. | | | | | |
| Total M/M | Japan | Field | | | | | | | | |
| 11. ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | | | |
| 12. EXPENDITURE | | 5. TECHNICAL TRANSFER | | | | | | | | |
| | Total 107,631 (¥000) | None | | | | | | | | |
| | Contracted | | | | | | | | | |
| | | | | | | 2. MAJOR REASONS FOR PRESENT STATUS | | | | |
| | | | | | | 3. PRINCIPAL SOURCE OF INFORMATION | | | | |
| | | | | | | ① | | | | |

和名 電子航行援助システム等設置計画

{M/P, M/P+(F/S), Basic Study, Other}

PROJECT SUMMARY (Basic Study)

PLU ZZZ/S 502/78

Compiled Mar.1990

Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | |
|--|---|---|------------|------------|--------------------------------------|------------------|--|
| 1.COUNTRY | | 1.SITE OR AREA | | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued |
| 2.NAME OF STUDY | Joint Hydrographic Survey in Malacca and Singapore Straits (one fathom bank area) | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | (Description) | |
| 3.SECTOR | Transportation/Marine Transportation & Ships | (US\$1,000) | | | | | |
| 4.REFERENCE NO. | | 1) | | | | | |
| 5.TYPE OF STUDY | Basic Study | 2) | | | | | |
| 6.COUNTERPART AGENCY | Directorate of Marine Hydrography (Indonesia) Ministry of Communications (Malaysia) Port Authority (Singapore) | 3.CONTENTS OF MAJOR PROJECT(S) Japan and three countries (Indonesia, Malaysia, Singapore) jointly undertook the channel survey in order to establish the navigable channel of -23m in the one fathom area and install navigational aids. | | | | | |
| 7.OBJECTIVES OF STUDY | | | | | | | |
| 8.DATE OF S/W | Aug.1978 | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | |
| 9.CONSULTANT(S) | | | | | | | |
| 10.STUDY TEAM | No.of Members 7 Period Sep.1978-Dec.1978(4 months) Total M/M Japan Field | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | |
| 12.EXPENDITURE | Total 29,985 (¥000) Contracted | 5.technical transfer | | | 3.PRINCIPAL SOURCE OF INFORMATION | | |

和名 マラッカ海峡ワンファザムバンク区域水路調査

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (Basic Study)

PLU ZZZ/S 501/78

Compiled Mar.1986
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | |
|--|---|---|---|------------|--------------------------------------|--|
| 1.COUNTRY | | 1.SITE OR AREA | 1,158km along the offshore of the east coast of Malay Peninsula | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued |
| 2.NAME OF STUDY | ASEAN Submarine Cable Project:Thailand-Malaysia-Singapore Route | 2.PROJECT COST | Total Cost | Local Cost | Foreign Cost | (Description) The recommendations of the study was fully adopted and the installation was completed in 1983. -Pechaburi-Songkhla:CS-12M, Japanese method (1,200 lines), 74% buried -Songkhla-Kuantan-Katon:CS-5M, Japanese method (480 lines), 85% buried -Total cable length:1,711km |
| 3.SECTOR | Communications & Broadcasting/Telecommunication | (US\$1,000) | 1) 577 | | | |
| 4.REFERENCE NO. | | (US\$1=260Yen) | 2) | | | |
| 5.TYPE OF STUDY | Basic Study | 3.CONTENTES OF MAJOR PROJECT(S) | | | | |
| 6.COUNTERPART AGENCY | Communication Authority of Thailand, Telecommunication Dept. of Malaysia and Telecommunication Authority of Singapore | The study undertook the hydrographic survey to establish the submarine cable route in order to improve telecommunication services among ASEAN countries. -Routes studied: Pechaburi (Thailand)-Songkhla (Thailand) -Kuantan (Malaysia)-Katon (Singapore) -Sounding survey on sea-bed deposits, presence of base rock, sea-bed obstacles, sampling of deposits, etc. -Cable route length 1,574.4km (850.1nm) -The cable is to be buried for the entire route | | | | |
| 7.OBJECTIVES OF STUDY | Hydrographic survey for submarine cable route | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | |
| 8.DATE OF S/W | Mar.1978 | The installation of the submarine cable will ensure reliable communication among ASEAN countries. | | | | |
| 9.CONSULTANT(S) | Sanyo Hydrographic Survey Co., Ltd. Kokusai Denshin Denwa Co, Ltd. | 10.STUDY TEAM | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| | | No.of Members 18 Period Apr.1978-Sep.1978(5 months) | | | | |
| | | Total M/M Japan Field | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | 3.PRINCIPAL SOURCE OF INFORMATION | |
| 12.EXPENDITURE | | 5.TECHNICAL TRANSFER | | | | |
| | | Total 157,485 (¥'000) | | | ① | |
| | | Contracted 62,528 | | | | |

和名 タイ・マレーシア・シンガポール海底ケーブル建設計画

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (F/S)

Compiled Mar.1992

Revised

PLU ZZZ/S 301/79

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | | III. PRESENT STATUS OF STUDIED PROJECT | |
|--|--|--|---|----------------------------|----------------------------|--|---|
| 1.COUNTRY | | 1.SITE OR AREA | Island of Galang, Riau Archipelago in Indonesia, and Tara Island in Philippines | | | 1.PRESENT STATUS | <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Delayed or Suspended <input checked="" type="checkbox"/> Discontinued or Cancelled |
| 2.NAME OF STUDY | (Construction of Indo-Chinese Refugee Camps) | 2.PROJECT COST | | Total Cost | Local Cost | | |
| 3.SECTOR | Social Infrastructures/Architecture & Housing | | 1) | 13,000 | | | |
| 4.REFERENCE NO. | | 3.CONTENTES OF MAJOR PROJECT(S) | 2) | | | | |
| 5.TYPE OF STUDY | F/S | This Processing Center is supposed to provide the Indo-China refugees with a temporary place before they could actually depart to the country of permanent settlement. 1) Refugee Processing Centre in Indonesia. Presently the camp is planned to have a capacity to shelter 10,000 persons while the administration buildings accommodate 150 persons. The temporary refugees will share a number of services such as public health, storage, and kitchen facilities. 2) Tara Refugee Processing Center. The development plan was designed to provide the basic needs for 5,000 refugees and 150 administrative personnel. However, the authorities only submitted its provisional plan to the Jakarta meeting, and no further action has been observed. | 3) | | | | |
| 6.COUNTERPART AGENCY | | | | | | | |
| 7.OBJECTIVES OF STUDY | To formulate the plan for constructing the Processing Centers for Indo-China Refugees at the request of UNHCR, and the respective government of Indonesia and Philippines. | | | | | | |
| 8.DATE OF S/W | .0 | Imp. Period: | | | | | |
| 9.CONSULTANT(S) | | 4.FEASIBILITY AND ITS ASSUMPTIONS | Feasibility: Yes/No | EIRR1) EIRR2) EIRR3) | FIRR1) FIRR2) FIRR3) | | |
| 10.STUDY TEAM | No. of Members Period Jun.1979-Oct.1979 (4 months) Total M/M Japan Field | Conditions and Development Impacts: 1) The Island of Galang is closely located to Singapore and Tanjung Pinang, center city of the Archipelago of Riau. For this good location, the Refugee Processing Centre can stand a sound condition for development of transport and communication. 2) The Philippines side is not ready to provide the basic information about hydrographic survey and transport facilities. For this reason, neither could the study team actually estimate the cost of the project design nor investigate the plan deeply. Consequently, the study team only submitted the checklist, about the brief and basic guideline for constructing the Tara Refugee Processing Centre. | | | | 2.MAJOR REASONS FOR PRESENT STATUS | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5. TECHNICAL TRANSFER | | | | | |
| 12.EXPENDITURE | Total 18,448 (¥'000) Contracted | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | |

和名 インドシナ難民センター建設計画

{F/S,(M/P)+F/S,D/D}

PROJECT SUMMARY (Basic Study)

PLU ZZZ/S 503/82

Compiled Mar.1986
Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | | | | | | | |
|---|---|---|-------------------------------|------------|--|-------------------------|--|--|--|---|--|--|---|--|
| 1.COUNTRY | | 1.SITE OR AREA | Malacca and Singapore Straits | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | | | | | | | |
| 2.NAME OF STUDY | Joint Production of Common Datum Charts of the Straits of Malacca and Singapore | 2.PROJECT COST | (US\$1,000) | Total Cost | Local Cost | Foreign Cost | (Description) Detailed marine charts of the entire Malacca and Singapore Straits contributed to the safe passage of large vessels. | | | | | | | |
| 3.SECTOR | Social Infrastructures/Survey & Mapping | | 1) | 1,004,820 | | | | | | | | | | |
| 4.REFERENCE NO. | | | 2) | | | | | | | | | | | |
| 5.TYPE OF STUDY | Basic Study | 3.CONTENTES OF MAJOR PROJECT(S) | | | | | | | | | | | | |
| 6.COUNTERPART AGENCY | Hydrographic Offices of Indonesia, Malaysia and Singapore | Japan and three countries undertook a joint hydrographic survey on the common datum points. -hydrographic survey on common datum points by satellite observation -Data computing and analysis -Drawing of common datum charts -Drawing of land characteristics charts | | | | | | | | | | | | |
| 7.OBJECTIVES OF STUDY | Drawing of marine charts and tidal current survey | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | | | | | | | |
| 8.DATE OF S/W | Jul.1977 | Development impacts: Common datum charts will improve the navigational charts and thereby contribute to the safe passage of large ocean-going vessels and to the reduction of marine accidents. | | | | | | | | | | | | |
| 9.CONSULTANT(S) | Malacca Strait Council | | | | | | | | | | | | | |
| 10.STUDY TEAM | No.of Members 457 Period May.1978-May.1982(49 months) | | | | | | | | | | | | | |
| | <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Total M/M</td> <td style="width: 33%;">Japan</td> <td style="width: 33%;">Field</td> </tr> </table> | Total M/M | Japan | Field | | | | | | | | | | |
| Total M/M | Japan | Field | | | | | | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | | | | | | | | | | | | | |
| 12.EXPENDITURE | | 5.TECHNICAL TRANSFER | | | 3.PRINCIPAL SOURCE OF INFORMATION | | | | | | | | | |
| | <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Total</td> <td style="width: 30%;">318,670 (¥000)</td> <td colspan="2"></td> </tr> <tr> <td>Contracted</td> <td>1,004,820</td> <td colspan="2"></td> </tr> </table> | Total | 318,670 (¥000) | | | Contracted | 1,004,820 | | | (1) OJT for counterparts (2) Participation of counterparts in JICA counterpart training program | | | ① | |
| Total | 318,670 (¥000) | | | | | | | | | | | | | |
| Contracted | 1,004,820 | | | | | | | | | | | | | |

和名 マラッカ・シンガポール海峡統一基準点海図作成

{M/P,M/P+(F/S),Basic Study,Other}

PROJECT SUMMARY (Basic Study)

PLU ZZZ/S 504/84

Compiled Mar.1990

Revised Mar.1992

| I. OUTLINE OF STUDY | | II. SUMMARY OF STUDY RESULTS | | | III. PRESENT STATUS OF STUDY RESULTS | | | |
|---|--|--|--|--|--------------------------------------|---|--|------------|
| 1.COUNTRY | | 1.SITE OR AREA | The marine cable route between the landing site (Pantacermin) of Indonesia and the landing site (Colombo) of Sri Lanka | | | 1.PRESENT STATUS | <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued | |
| 2.NAME OF STUDY | Medan (Indonesia)-Colombo (Sri Lanka) Submarine Cable Project | 2.PROJECT COST | | | | Total Cost | | Local Cost |
| 3.SECTOR | Communications & Broadcasting/Telecommunication | (US\$1,000) | 1) | | | | | |
| 4.REFERENCE NO. | | | 2) | | | | | |
| 5.TYPE OF STUDY | Basic Study | 3.CONTENTS OF MAJOR PROJECT(S) | | | | | | |
| 6.COUNTERPART AGENCY | Directorate General of Post and Telecommunication (Indonesia) and Dept. of Telecommunication (Sri Lanka) | Installation of the submarine cable between the landing sites of Indonesia and Sri Lanka -Total route length 1,384.1nm -Average cable slack 3% -Total cable length 1,412.7nm | | | | | | |
| 7.OBJECTIVES OF STUDY | Hydrographic survey, route selection and financial analysis. | | | | | | | |
| 8.DATE OF S/W | Mar.1983 | 4.CONDITIONS AND DEVELOPMENT IMPACTS | | | | | | |
| 9.CONSULTANT(S) | Kokusai Denshin Denwa Co, Ltd. Sanyo Hydrographic Survey Co., Ltd. | The submarine cable route between Indonesia and Sri Lanka is one of the sections of the cable route project connecting Singapore and France (SEA-ME-WE). At present, telecommunication between Sri Lanka and Indonesia is conducted by satellite system, but the submarine cable project will be able to service greater demand with higher reliability. | | | | | | |
| 10.STUDY TEAM | No. of Members 9 Period Aug.1983-Mar.1984 (8 months) | | | | | | | |
| | Total M/M Japan Field | | | | | | | |
| 11.ASSOCIATED AND/OR SUBCONTRACTED STUDY | | 5. TECHNICAL TRANSFER | | | | 2.MAJOR REASONS FOR PRESENT STATUS | | |
| 12.EXPENDITURE | Total 330,969 (¥000) Contracted | | | | | 3.PRINCIPAL SOURCE OF INFORMATION | | |
| | | | | | | ① | | |

和名 メダン-コロンボ海底ケーブル建設計画

{M/P,M/P+(F/S),Basic Study,Other}

JICA