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UNCLASSIFIED

PROJECT PAPER
SUPPLEMENT

383-0044

DEVELOPMENT SERVICES & TRAINING

UNCLASSIFIED

PROJECT PAPER SUPPLEMENT

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AGENCY FOR INTERNATIONAL DEVELOPMENT PROJECT PAPER FACESHEET	1. TRANSACTION CODE <div style="border: 1px solid black; display: inline-block; padding: 2px;">C</div> A ADD L CHANGE D DELETE	PP 2. DOCUMENT CODE <div style="border: 1px solid black; display: inline-block; padding: 2px;">3</div>
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3. COUNTRY ENTITY Sri Lanka	4. DOCUMENT REVISION NUMBER <div style="border: 1px solid black; display: inline-block; padding: 2px;">1</div>
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5. PROJECT NUMBER (7 digits) <div style="border: 1px solid black; display: inline-block; padding: 2px;">383-0044</div>	6. BUREAU/OFFICE A. SYMBOL ASIA B. CODE <div style="border: 1px solid black; display: inline-block; padding: 2px;">04</div>	7. PROJECT TITLE (Maximum 40 characters) <div style="border: 1px solid black; display: inline-block; padding: 2px;">Development Services and Training</div>
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8. ESTIMATED FY OF PROJECT COMPLETION FY <div style="border: 1px solid black; display: inline-block; padding: 2px;">8</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">2</div>	9. ESTIMATED DATE OF OBLIGATION A. INITIAL FY <div style="border: 1px solid black; display: inline-block; padding: 2px;">7</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">8</div> B. QUARTER <div style="border: 1px solid black; display: inline-block; padding: 2px;">4</div> C. FINAL FY <div style="border: 1px solid black; display: inline-block; padding: 2px;">8</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">1</div> (Enter 1, 2, 3, or 4)
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10. ESTIMATED COSTS (\$000 OR EQUIVALENT \$1 -)						
A. FUNDING SOURCE	FIRST FY			LIFE OF PROJECT		
	B. FX	C. L/C	D. TOTAL	E. FX	F. L/C	G. TOTAL
AID APPROPRIATED TOTAL	1000		1000	3,900	200	4,100
GRANT	(1000)	()	(1000)	(3,900)	(200)	(4,100)
LOAN	()	()	()	()	()	()
OTHER U.S. 1.						
OTHER U.S. 2.						
HOST COUNTRY					1,500	1,500
OTHER DONOR(S)						
TOTALS	1000		1000	3,900	1,700	5,600

11. PROPOSED BUDGET APPROPRIATED FUNDS (\$000)									
A. APPROPRIATION	B. PRIMARY PURPOSE CODE	PRIMARY TECH. CODE		E. 1ST FY <u>78</u>		H. 2ND FY <u>79</u>		K. 3RD FY <u>80</u>	
		C. GRANT	D. LOAN	F. GRANT	G. LOAN	I. GRANT	J. LOAN	L. GRANT	M. LOAN
(1) FN	190	050		1000		1,600		000	
(2)									
(3)									
(4)									
TOTALS				1000		1,600		000	

A. APPROPRIATION	N. 4TH FY <u>81</u>		O. 5TH FY		LIFE OF PROJECT		12. IN-DEPTH EVALUATION SCHEDULED MM YY <div style="border: 1px solid black; display: inline-block; padding: 2px;">03 81</div>
	Q. GRANT	P. LOAN	R. GRANT	S. LOAN	T. GRANT	U. LOAN	
(1)	1,500					4,100	
(2)							
(3)							
(4)							
TOTALS	1,500					4,100	

13. DATA CHANGE INDICATOR. WERE CHANGES MADE IN THE PID FACESHEET DATA, BLOCKS 12, 13, 14, OR 15 OR IN PRP FACESHEET DATA, BLOCK 12? IF YES, ATTACH CHANGED PID FACESHEET.

1

 1 = NO
 2 = YES

14. ORIGINATING OFFICE CLEARANCE				15. DATE DOCUMENT RECEIVED IN AID/W, OR FOR AID/W DOCUMENTS, DATE OF DISTRIBUTION			
SIGNATURE	S.J. Littlefield			<div style="border: 1px solid black; display: inline-block; padding: 2px;">01 15 81</div>			
TITLE	Director USAID/Sri Lanka	DATE SIGNED					
				MM	DD	YY	
				1	20	58	0

2

PROJECT AUTHORIZATION AMENDMENT

SRI LANKA

Development Services & Training
A.I.D. Project No. 383-0044

Pursuant to Section 103 of the Foreign Assistance Act of 1961, as amended, the Development Services and Training Project was authorized on August 4, 1978, and said Authorization was amended on February 28, 1979. Pursuant to delegation of authority from the Assistant Administrator for Asia, the Authorization is hereby further amended as follows:

1. Delete the first three paragraphs of the Project Authorization and substitute the following:

"Pursuant to Section 103 of the Foreign Assistance Act of 1961, as amended, I hereby authorize the Development Services and Training Project for Sri Lanka involving planned obligations of not to exceed \$ 4,100,000 in grant funds over the planned life of project of four years from the date of initial obligation, subject to the availability of funds in accordance with the A.I.D. OYB/allotment process, to help in financing foreign exchange and local currency costs for the project.

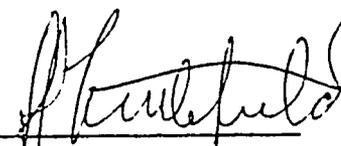
"The project is to provide a sound basis for long-term rural development and to strengthen institutional capabilities to carry out a development program. Project activities will include studies in development topics; training (generally short-term); short-term consultancies; expansion of selected institutions directly involved with activities closely related to AID's program in Sri Lanka; and selected pilot or experimental activities of a developmental nature. Priority will be given to activities in the areas of renewable energy resources, environment, employment generation, health, population, nutrition, housing, and women in development."

2. Change the text of section A, "Source and Origin of Goods and Services" to read as follows:

"Goods and services, except for ocean shipping, financed by A.I.D. under the project shall have their source and origin in Sri Lanka or the United States except as A.I.D. may otherwise agree in writing. Ocean shipping financed by A.I.D. under the project shall, except as A.I.D. may otherwise agree in writing, be financed only on flag vessels of the United States."

3. In all other respects the original Project Authorization remains in force.

Clearances:	Date	Initial
Ralph M. Singleton, Chief, PDS	<u>12/23/80</u>	<u>RS</u>
Clark H. Billings, Program Officer	<u>12/23/80</u>	<u>CB</u>
James R. Brady, Assistant Director	<u>12/23/80</u>	<u>JB</u>

Signature: 
S.J. Littlefield
Director
USAID/Sri Lanka

Dec 23, 1980
Date


AID/LA: TAMuntsinger:jf:12/23/80

PROJECT PAPER SUPPLEMENT

Development Services and Training (383-0044)

I Recommendation:

Amend the project to increase the funding and extend the project assistance completion date (PACD) as follows:

- | | |
|------------------------------|---------------------|
| A. Increase | \$1.5 million grant |
| B. New Life-of-Project Total | \$4.1 million grant |
| C. PACD | August 31, 1982 |

II Justification:

A. Status of Existing Funds

Since preparation of FY 82 ABS, the Mission and AID/W have discussed the rapid commitment^{1/} of DS&T funds and the desirability of providing additional funding to maintain future activities under the project. As of 21 November 1980, with approximately ten months still remaining until the end of the project, the uncommitted balance of the DS&T project funds is about \$167,000 (6%). Funds have been used for environmental activities, energy pilot activities and women in development related activities, as well as agricultural and health activities that support the USAID core program of development assistance. The following table lists the categories of activities for which some \$2,433,000 of DS&T funds have been committed during the twenty-seven months since initial obligation.

Note: ^{1/} Commitment as used for DS&T means (a) the USAID's written concurrence for financing an activity or (b) issuance of PIO/P. The amount of the commitment is the total amount USAID agrees to provide from the grant for the activity (sub-project) or training.

	<u>\$(000)</u>	<u>(%)</u>
Three pilot/demonstration activities: Solar Kilns, Sail-power Fishing Boats, Water Hand Pumps	280	12
Three studies: Mahaweli Environmental Assessment, Irrigation Sub-Sector, Women Workers	884	36
Three consulting assignments: Coastal Zone (Erosion) Management, Water Law Study, Equipment Maintenance	124	5
Two Institutional Support Activities: Agrarian Research and Training Institute (Information Center; Marketing Research Unit)	595	24
Four small support activities (i.e. workshops, conferences, etc.)	42	2
Participant Training (64 participants for short-term training up to 12 months)	508	21
	<u>2,433</u>	<u>100</u>
	<u><u>2,433</u></u>	<u><u>100</u></u>

B. Continuing Need for DS&T

The DS&T grant has been an important instrument for supporting a wide range of small but important activities and training for which the preparation of separate discrete projects would not be feasible or prudent. The need has not ended. The project enables USAID to respond quickly, with minimum lead time and staff effort, to GSL requests for financing for pilot experimental projects, studies, and special activities. Activities such as those described above have the potential of contributing to the development of Sri Lanka out of proportion to the small amounts of money being provided. For example, the recommendations of the Mahaweli Environmental Assessment affect some aspects of a \$2 billion area development program that ultimately will involve millions of people; the sail-power fishing boat, if adopted by the fishing industry, would save substantial sums of money for each boat owner in reduced fuel costs. There is no other alternate source of funds for these types of activities.

C. Use of Additional Funds

The supplemental funds to this grant will continue to be used for training, consultants, studies and pilot/experimental activities which support the Mission's program and special interests. The purpose of this grant will not materially change as a result of this supplement. (See project description below).

D. Project Description

The purpose of this project is to provide a sound basis for long-term rural development and to strengthen institutional capabilities to carry out a developmental program. Funds are provided for training; to carry out studies in development topics mutually agreed to between the Government of Sri Lanka and AID; to provide consultants for short periods of time; to contribute to the expansion of selected institutions directly involved with activities closely related to AID's program of assistance to Sri Lanka; and to carry out selected pilot or experimental projects of a developmental nature which support AID's areas of interest in Sri Lanka. Priority will be given to activities in the area of energy, environment, employment generation, health, population, nutrition, housing, and women in development.

Requests for training to be approved under this grant agreement will generally be "short-term" in duration and confined to areas which will support and complement USAID's core program of development activities. "Short-term training" is defined as courses, seminars and workshops covering, except under exceptional circumstances, a minimum of one month's work up to nine months in duration.

The External Resources Department of the Ministry of Finance and Planning will coordinate other ministries' requests for the use of funds provided under this grant.

E. Financial Plan

1) Approximately \$600,000 will be used for training. The balance will finance pilot/experimental activities and studies in areas of special concern to AID and GSL. It is neither possible nor necessary at this time to identify specific activities which might be financed by the additional funds since requests come from GSL on a case-by-case basis. However, we expect to be financing activities similar to those previously financed (See Table II).

2) GSL contribution: Due to the nature of this grant assistance, the host country contribution cannot be identified or calculated in the usual manner. For training, the GSL continues to pay the salaries of the participants while in training status. This should be considered as the GSL contribution although it is not useful to record this information in the individual training files.

The GSL contributions for the sector or areas for which studies, pilot/experimental sub-projects and other activities are financed often greatly exceed the AID grant financing; e.g. the GSL total support of the fishing sector is over \$30 million as compared to the grant's \$50,000 for the sail-power boat experiment; the GSL 1980 budget for irrigation is about \$70 million as compared to the \$133,000 for the irrigation study and \$50,000 for the national water law study. The GSL's Decade of Water Plan calls for an investment of over one billion dollars from 1981-1990. The \$200,000 for development of an efficient, locally made hand pump is a small contribution to the Decade Plan's investment in drinking water.

III Commitments to Date:

A. Training: A total of 64 individuals have benefitted from specific, short-term training outside Sri Lanka (See Table I) while countless others have benefitted from workshops and conferences (listed in Table II).

B. Activities, (Sub-projects): Brief description and status, are appended to this supplement as Table II.

IV Initial Environmental Examination:

No substantive change in the project has been made in this supplement. Accordingly, the initial negative determination remains valid, including this supplement.

DEVELOPMENT SERVICES AND TRAINING (383-0044)
PARTICIPANT TRAINING

TABLE I

<u>Name and Title</u>	<u>Nature/Length of Training</u>	<u>Cost</u>
Mr.A.M.S. Adhikari; M.P.; Dep Minister Lands & Land Development	Study tour, irrigation schemes in U.S. (3 weeks) and Malaysia (1 week); Nov. - Dec. 1978	7,500
Mr.D.V.A. Senaratne; Additional Secretary, Ministry of Mahaweli Development		
Mr.D.D.G.P. Ladduwahetty, Chairman, Mahaweli Development Board, Ministry of Mahaweli Development	Asia Regional Environmental Seminar, Thailand; Dec. 1978	750
Mr. Gamini Abeysekera (PhD), Sr. Economist, Monetary Board Central Bank of Ceylon	(1) BLS Seminar: Techniques of Measuring, Analyzing Prices, Income and Poverty in Rural and Urban Areas; (2) Study Tour, U/Wisconsin & EWC Hawaii; (approx 9 weeks) Jan-Mar 1979	8,400
Mr.J.S. Senanayake; Deputy General Manager of Settlement Planning & Development	Rural Development Training Course, Philippines; Jan-Mar 1979	6,000
Mr.U.J. Weerakkody; Community Development Offr, Mahaweli Development Board Ministry of Mahaweli Development		
Mr.L.A. Heengama; Deputy Director, Manpower Planning Division, Ministry of Plan Implementation	BLS Seminar: Analysis of Labor Statistics for Policy Formulation in the Human Resources Sector; March - May 1979	7,725
Mr.P.B. Jayasundera, Assistant Director, Central Bank of Ceylon	M.A. Program, Williams College (Mass); Econ Analysis & Quantitative Techniques and Policy Making in Development Countries; Sep 1979 - June 1980. Suppl trg/review in economic theory; U/Colorado; June-Aug. 1979	21,000
Prof. S. Balasubramaniam (PhD), Prof. of Botany, U/Sri Lanka, Peradeniya.	Study Tour: Water Science Laboratories, U/California at Davis (techniques of plant water status measurements); 1 week June 1979	600

<u>Name and Title</u>	<u>Nature/Length of Training</u>	<u>Cost</u>
Mr.H.M.R. Ellepola; Deputy Director, Economic Research Department Central Bank of Ceylon	Harvard University, Edward S. Mason Program (Economics); M.A.; Sep 1979 - June 1980 Economic Inst (Boulder, Colorado); prep work (June-- Aug. 1979)	21,000
Mr.C. Gamage, Marketing Manager; Mr.R.M. Fernando, Shipping Manager; Ceylon Fertilizer Corporation	Study Tour: Fertilizer; Int'l Fertilizer Dev Ctr, Alabama, 2 mos; Int'l Minerals & Chemicals Corp, Illinois, 1 mo. Aug - Nov 1979; total 3 months x 2	19,600
Mr.P.A.S. Dahanayake (PhD); Dep Director of Economic Research Central Bank of Ceylon	BLS Seminar: Economic Growth, Income Distribution and Poverty; July-Aug.1979;6 weeks	7,500
Mr.S.M.A.G. Perera; Purchasing Manager, Ceylon Fertilizer Corporation	Study tour and seminars from June 25 through Sept 21, 1979; 7 states - 3 mos.	10,700
Mr.W.K. Perera; Statistical Officer, Department of Census and Statistics Ministry of Plan Implementation	Workshop in Washington, D.C; Program Planning for the 1980 Census of Agriculture; June/July 1979; 2 mos.	7,550
Dr.A. Kandiah; Head of the Department of Agriculture (Engineering), U/Peradeniya	Study Tour: U/Michigan and VPI/Va.; Agricultural Engineering; July 1979; 1 mo.	4,500
Mr.G.B.A. Fernando, Assistant Director, Ministry of Finance and Planning	Energy Management Training Program for Developing Countries; State University of New York at Stonybrook, Sept.-Nov. 1979	2,150
Mr.W.N.A. Fernando; Economist, Central Bank of Ceylon	U/Wisconsin, to complete PhD program from Sept. 1979 - Jan. 1980. The dissertation is on "Land Reform in Plantations: The case of Sri Lanka's Reform in Tea Plantations"	8,800
Miss I.M. Karunawathie; Assistant Director, Ministry of Plan Implementation	BLS Seminar: Manpower Projections and Forecasting for Planning;Nov-Dec 1979; 6 weeks	6,400
Miss M.B. Abeysekera; Assistant Director, Ministry of Plan Implementation	BLS Seminar: (1) Characteristics of Labor Force; Sep 24 - Octo 26, 1979; 5 weeks (2) Manpower Projections and Forecasting for Planning, Nov.-Dec. 1979; 6 weeks	10,150

<u>Name and Title</u>	<u>Nature/Length of Training</u>	<u>Cost</u>
Mrs. Premanie Samarasinghe, Nutritionist/ Dietitian, Colombo Hospital	Training Course in Food for Small Children Santa Monia, Ca; Oct. - Nov. 1979 - 6 weeks	4,100
Mr.D.H.N. Piyadigama; Deputy Director Combined Services, Ministry of Public Administration & Home Affairs	Diploma Program, Institute of Public Service, U/Connecticut; Sep 1979 - Apr. 1980; 7 months	13,500
Mr.D.F. Balachandra; Deputy Director of Establishments, Ministry of Public Administration & Home Affairs	Diploma Program, Institute of Public Service, U/Connecticut; Sep 1979 - Apr. 1980; 7 months	13,500
Mr.C.J. Embuldeniya; Marketing Officer, Agricultural Development Authority	USDA COURSE: Economic Forecasting for Agricultural Policy Making and Planning: WashDC, Oct. - Nov. 1979; 1 month	5,343
Mr.M.A.D. Gunaratne; Development Officer, Ministry of Finance and Planning	BLS Seminar: Manpower Projections and Fore- casting for Planning; Nov. - Dec.1979; 5 weeks	6,400
Mr.L.N. Abeysekere; Acting Manager, Construction, State Engineering Corp.	Shelter Training Workshop for Senior Professionals; WashDC; Nov. 1979 - 1 mo.	7,250
Mrs. Vinitha Jayasinghe, Director, Sri Lanka Women's Bureau, Ministry of Plan Implementation	Regional Preparatory Conference of the UN Decade for Women; New Delhi, Nov. 1979 - 1 week	1,100
Mr. Kirthie Rajapakse, Asst. Director/ Conservator of Forests Mr. Sivaguru Sahajananathan, Asst. Conservator of Forests	Training: Natural Resource Management for the Asian Regional, Manila, Nov.1979; 4 weeks	3,000
Mrs.P.L. Chandrani Udawatte, Technical Asst. Ceylon Inst. of Scientific and Industrial Research	Special Training with USDA Forest Service, Forest Products Lab, Madison Conversion of ethanol from woodwaste; 9 mos. from July 1980	23,000
Mr.A.M.S. Radaliyagoda, Executive Officer, Central Bank of Ceylon	BLS Seminar: Analysis of Labor Statistics for Policy Formulation in the Human Resources Sector; Apr. - June 1980 - 2 months	8,700
Mrs. Dita Dharmawansa, Deputy Director, Sri Lanka Women's Bureau, Ministry of Plan Implementation	USDA Course: Management and the Role of Women in Development; Mar. - May 1980 - 6 weeks	6,875

<u>Name and Title</u>	<u>Nature/Length of Training</u>	<u>Cost</u>
Mr. Wimalaratne Ubaysiri Narayana, Asst. Community Development Officer	Training at International Institute for Rural Reconstruction, Philippines; Aug. to Oct.1980; 6 weeks	6,500
Mr. Piyadasa Koralevidana, Dep Resident Project Manager (Marketing & Credit) Mahaweli Development Board		
Mr.G.G. Wickremasinghe, Commissioner of Agrarian Services	USDA Course: Managing Agricultural Project Implementation; July - August 1980	7,000
Mr.Y.M.W. Weerasekera Banda, Economist; Department of Economic Research Central Bank of Ceylon	Graduate Study (M.A.) in Development Economics 1980 - 1981; Williams College (Mass)	25,000
Mr.A.B. Padmaperuma, General Manager, Building Materials Corporation	Harvard University, Sixth Int'l Workshop, Policy for Public Enterprise in Developing Countries; July - Aug. 1980 - 6 weeks	5,750
Mr.D.J.G. Fernando, Economist, Central Bank of Ceylon	Graduate Study in Development Economics 1980 - 1981; Williams College (Mass); International travel only	2,500
Mrs. Jennet Weerasuria, Director, Freedom from Hunger Campaign, Sri Lanka	Attend the World Conference of the U.N. Decade for Women, Copenhagen; July 1980-2 weeks	6,250
Mrs. Carmini de Livera, General Secretary, YMCA, Colombo		
Mr. Matarage Justin Silva, Deputy Director, Employment and Manpower Planning Divison, Ministry of Plan Implementation	BLS Seminar: Measurement of Wages, Salaries and other Compensation paid to workers; June - Aug. 1980; 6 weeks	7,250
Mr.A.B.S.S. Wijetilleke, Technical Assistant, Ceylon Institute of Scientific and Industrial Research	Special Training at USDA Forest Service (Madison, Wisconsin): Conversion of Ethanol from woodwaste; nine months from July 1980	23,000
Mr.O.C. Jayawardena, Deputy Commissioner for National Housing	Shelter Training Workshop for Senior Professionals, WashDC; Nov. 1980 - 3 weeks	15,000
Mr.E. Annalingam, Deputy General Manager, National Housing Development Authority		
Mr. Sithamparapillai Puvendran, Marketing Manager, Ceylon Fertilizer Corporation	Fourth Fertilizer Marketing and Distribution Program conducted by the International Fertilizer Development Center, Alabama; Aug. to Sep. 1980 - 6 weeks	5,500

<u>Name and Title</u>	<u>Nature/Length of Training</u>	<u>Cost</u>
Mr.J.K.G.J. Perera, Labor Statistician, Department of Labor	BLS Seminar: Characteristics of Labor Force and Measurement of Employment ...; Sep. - Oct. 1980; 6 weeks	7,500
Mr.U.W. Bandara, Assistant Director, Employment and Manpower Planning Division Ministry of Plan Implementation	BLS Seminar: Characteristics of Labor Force and Measurement of Employment; Sep. - Oct. 1980; 6 weeks	7,500
Mr.G.D.C. Gunapala, Assistant Director, Ministry of Plan Implementation	BLS Seminar: Manpower Projections and Forecasting for Planning; Oct. - Dec.1980; 6 weeks	7,500
Prof. M.W. Thenabadu Professor of Agricultural Chemistry University of Peradeniya	FAO/IAEA/GSF Seminar: Isotope Techniques; August 1980; Vienna (shortfall of funds only)	320
Mr.W.S. Nanayakkara, Director International Economic Cooperation Division Ministry of Finance and Planning	1) Investment Promotion Seminar sponsored by Greater Colombo Economic Commission; Sep. 16 and 17, 1980 New York; Sep. 19 Chicago 2) Expert Consultation Meeting on design & Implementation Sept 22 to 25, 1980 New York	3,200
Mr.P.U. Gunasinghe, Chief Engineer (Designs), National Water Supply & Drainage Board	To attend WHO/IRC REGIONAL Seminar on Standardization of Designs for Small Public Water Supply Systems, Jakarta; oct.1980 - 1 week	1,050
Mr. Jayawickrema Perera, M.P. District Minister, Kurunegala	Study Tour to the International Rice Research Institute and to study developments in the coconut industry in the Philippines; Nov.11 - 21, 1980	1,500

ACTIVITIES (SUB-PROJECTS)
(AS OF DECEMBER 1, 1980)

PILOT/DEMONSTRATION ACTIVITIES

TABLE II

1. <u>Solar Kiln</u>	30,600
<p>Description: To develop and install a prototype solar kiln in Sri Lanka and to provide technical assistance to oversee installation and training of local personnel. The kiln is for drying wood and possibly food crops by solar energy instead of conventional energy methods.</p>	
<p>Status: Kiln to be developed by Forests Products Laboratory. Some of the kiln components are in country, balance expected in December. Two consultants from University of Wisconsin to arrive in January 1981.</p>	
2. <u>CEYNOR Fishing Boat</u>	50,000
<p>Description: To study the feasibility of converting 3 half ton motor fishing boats to sail and engine-powered boats so as to conserve energy and reduce the cost of fishing.</p>	
<p>Status: Work progressing satisfactorily on five boats being built by Cey-Nor in Colombo. Launching of boats expected in January, 1981.</p>	
3. <u>AID Hand Pump</u>	200,000
<p>Description: To determine the feasibility of locally manufactured and installed AID Hand Pumps in Sri Lanka. Since Sri Lanka does not now make water hand pumps, they are imported at \$300 each. Sri Lanka private firms should be able to make pumps for only \$100 each. The hand pumps will be the key element for improving the quality of drinking water in all rural areas of Sri Lanka.</p>	
<p>Status: Georgia Tech advisors have been working with a local firm to set up manufacturing operations. By December 1980 the 90 pumps will have been made. Installation and testing is to begin in January, 1981. Other donors have already placed orders for 150 pumps for their projects.</p>	

ACTIVITIES (SUB-PROJECTS)
(AS AT DECEMBER 1, 1980)

STUDIES

1. Mahaweli Environmental Assessment 750,000
Description: To study the environmental impact of the Accelerated Mahaweli Development Project; identify follow-on investigations and projects which would mitigate negative impacts and strengthen positive impacts.
Status: Assessment completed on schedule in August, 1980 by the U.S. consulting firm TAMS. This assessment was a prerequisite to AID's proposed \$85 million loan for the Accelerated Mahaweli program and will serve as a major planning document for the GSL agencies who will implement the program.
2. Irrigation Sub-Sector Study 133,000
Description: To study on behalf of the Irrigation Department and Ministry of Lands and Land Development specific aspects of irrigation.
Status: Completed by the U.S. consulting firm CH2M Hill in 1979.
3. Survey on Night Work for women 1,000
Description: To conduct a sample survey to find out the views regarding night work for women of Sri Lanka so as to increase their employment opportunities in the Free Trade Zone (FTZ). Existing legislation prevents women workers from being employed after 10.00 P.M. and before 5.00 A.M. Before deciding whether or not to change the legislation, the Sri Lanka Women's Bureau is surveying the needs and preference of women workers.
Status: Draft report sent to President Jayawardena in December, 1980. The survey found that women needs require that they be allowed to work at night.

ACTIVITIES (SUB-PROJECTS)
(AS OF DECEMBER 1, 1980)

CONSULTING ASSIGNMENTS

1. Coastal Zone Management Plan 60,000
Description: To assist the Coast Conservation Division, Ministry of Fisheries, in the collection of basic hydro-meteorological data for the design and construction of coast protection structures and preparation of overlay maps of coastal zones.
Status: PIO/T issued in October, 1980. Consultants from U.S. Government Coastal Engineering Center have been identified.

2. Water Law Study 49,700
Description: To assist GSL in drafting a revised national water resources act.
Status: The study completed by U.S. Consultant, Prof. Radosevitch in fall, 1980. GSL and USAID are awaiting final reports.

3. Equipment Maintenance 14,000
Description: To assist the Mahaweli program in System H by (a) training MDB personnel in field maintenance and operation of construction equipment; (b) establishing field maintenance facility; (c) developing a set of procedures for field maintenance and operation of equipment; and (d) developing a supply management system.
Status: Completed effectively and successfully by Mr. Taylor in Spring, 1980.

ACTIVITIES (SUB-PROJECTS)
(AS AT DECEMBER 1, 1980)

INSTITUTIONAL SUPPORT ACTIVITIES

1. ARTI Information Center 350,000

Description: To establish a center for the collection and dissemination of information on agrarian problems.

Status: Initial 2-month consulting assignment to advise and assist ARTI in Library and data bank science completed in October, 1980. Books and equipment have been ordered. An observation training trip completed.

2. Marketing Research Unit 245,000

Description: To provide assistance to strengthen and improve ARTI Marketing Research Unit in the collection, collation and analysis of agricultural and marketing data.

Status: PIO/T issued; AID/W is selecting a consultant.

ACTIVITIES (SUB-PROJECTS)
(AS AT DECEMBER 1, 1980)

SPECIAL SUPPORT ACTIVITIES
(One-time, short-term)

1. Rice Symposium 4,800
Description: To support the Department of Agriculture's symposium on achievements made in rice research and development since 1968. The symposium was held in September 1980.
2. Workshop on Planning for Action in Community Welfare 25,000
Description: In February 1980, 30 people from rural sectors were trained as "Community Resource Planners" to assist in assessing needs, preparing viable project proposals and in identifying resources to implement programs addressing specific village needs in their districts.
3. SID Conference Support 4,500
Description: To provide partial support to the 16th World Conference of Society for International Development held in Colombo in August, 1979. (AID/W centrally funded activity)
4. Miscellaneous 7,200
Description: Invitational travel authorizations for study tours in the United States and third countries.