

UNCLASSIFIED

Annual Budget Submission

**FY 1988
Jamaica**



May 1986

**Agency for International Development
Washington, D.C.**

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JAMAICA

ANNUAL BUDGET SUBMISSION: FY 1988

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FY 1988 ANNUAL BUDGET SUBMISSION
TABLE I - LONG RANGE PLAN BY APPROPRIATION ACCOUNT (000)

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	FY 1985 ACTUAL	FY 1986 ESTIMATE	--FY 1987----- CP ESTIMATE	FY 1988 AAPL	-----PLANNING PERIOD-----			
					1989	1990	1991	1992
AGRICULTURE, RURAL DEV. AND NUTRITION								
TOTAL	7955	4720	8000	8000	6000	6000	6200	6700
GRANTS	6805	4720	8000	8000	6000	6000	6200	6700
LOANS	1150	-	-	-	-	-	-	-
POPULATION PLANNING								
TOTALS	2138	1030	1500	800	800	800	500	500
GRANTS	2138	1030	1500	800	800	800	500	500
LOANS	-	-	-	-	-	-	-	-
(CENT PROC COMM)	-	-	-	(416)	(422)	-	-	-
HEALTH								
TOTALS	244	2109	1500	250	300	350	300	100
GRANTS	244	2109	1500	250	300	350	300	100
LOANS	-	-	-	-	-	-	-	-
EDUCATION								
TOTALS	7048	3691	4000	6200	6100	4200	4200	4000
GRANTS	6080	3691	4000	6200	6100	4200	4200	4000
LOANS	968	-	-	-	-	-	-	-
SELECTED DEVELOPMENT ACTIVITIES								
TOTALS	8565	7450	8000	7750	7800	6194	6200	6700
GRANTS	8565	7450	8000	7750	5800	3694	3200	3700
LOANS	-	-	-	-	2000	2500	3000	3000
TOTAL DA ACCOUNT								
TOTAL	25950	19000	23000	23000	23000	17544	17500	17500
GRANTS	23832	19000	23000	23000	21000	15044	14500	14500
LOANS	2118	-	-	-	2000	2500	3000	3000
ECONOMIC SUPPORT FUND								
TOTALS	81000	59334	100000	100000	100000	100000	100000	100000
GRANTS	16000	59334	100000	100000	100000	100000	100000	100000
LOANS	65000	-	-	-	-	-	-	-
DA AND ESF TOTAL								
TOTALS	106950	78334	123000	123000	123000	117544	117500	117500
GRANTS	39832	78334	123000	123000	121000	115044	111450	111450
LOANS	67118	-	-	-	2000	2500	3000	3000

PL480								
TITLE I	(40000)	(30000)	(30000)	(30000)	(30000)	(30000)	(30000)	(30000)
TITLE II	(4800)*	(5500)**	-	(4800)*	(4800)*	(4800)*	-	-
HOUSING GUARANTIES								
	(15000)	-	-	-	-	(15000)***	-	-

*Estimated market value of surplus dairy products donated to Ja. Agric. Devel. Foundation
 **Includes 4,300 MT of wheat for School Feeding Program
 ***Assumes new HG authority available for FY 1988

COUNTRY JAMAICA

FY 1988 ANNUAL BUDGET SUBMISSION
TABLE IV - PROJECT BUDGET DATA

PROJECT NUMBER AND TITLE	SUB CAT	G L	OBLIG DATE INIT	FIN	-TOTAL COST-AUTH	PLAN	OBLIG THRU FY 85	FY 85 PIPE-LINE	OBLIG-ATTIONS	FY 1986 EXPENDITURES	MORTGAGE	OBLIG-ATTIONS	FY 1987 EXPENDITURES	FY 88 AAFL	SPECIAL CODES	ITEM NO
Ag. Rural Dev. and Nutrition																
Prog. Dev. and Support 0000																
Integrated Rural Dev. 0046																
Fish Production System Dev. 0059																
Agricultural Marketing 0060																
Agri. Planning 0061																
Agroindustrial Dev. 0081																
Agricultural Education 0082																
Agricultural Education 0082																
Voluntary Sector Dev. 0085																
Private Dev. Bank 0091																
Small Farmer Prod./Mktg. OPG 0097																
Hillside Agrl. Restructuring 0101																
JADF Tech. Support and Investment 0105																
Agri. Co-operative Dev. 0107																
Hillside Assessment 0113																

COUNTRY JAMAICA

FY 1988 ANNUAL BUDGET SUBMISSION
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PROJECT NUMBER AND TITLE	SUB CAT	G L	OBLIG DATE INIT	FIN	-TOTAL AUTH	COST-PLAN	OBLIG THRU FY 85	FY 85 PIPE-LINE	OBLIG-ATTIONS	FY 1986 EXPENDITURES	MORTGAGE	OBLIG-ATTIONS	FY 1987 EXPENDITURES	FY 88 AAPL	SPECIAL CODES	ITEM NO
Health																
Prog. Dev. and Support 0000	HEPP	G	55	85	-	-	318	27	-	27	N/A	-	-	-	-	-
Health Management Improvement 0064	HEDH	G	81	86	1017	3017	1017	896	2000	500	-	-	1500	-	PCV	
Health Management Improvement 0064	HEDH	L	81	86	8554	8554	8554	6128	-	1700	-	-	2500	-	PCV	
Voluntary Sector Dev. 0085	HEPV	G	83	86	574	574	574	574	-	194	-	-	200	-	PVO-100%	
Program Dev. and Support 9104	HEPP	G	86	C	-	-	-	-	109	49	N/A	-	66	50		
Proposed OPGs 9999	HEPV	G	87	90	-	1000	-	-	-	-	-	-	100	250	PVO-100%	
	T				10145	13145	10463	7625	2109	2470	-	250	4366	300		
	G				1591	4591	1909	1497	2109	770	-	250	1866	300		
	L				8554	8554	8554	6128	-	1700	-	-	2500	-		

FY 1988 ANNUAL BUDGET SUBMISSION
TABLE IV - PROJECT BUDGET DATA

COUNTRY JAMAICA

PROJECT NUMBER AND TITLE	SUB CAT	G L	OBLIG DATE	INIT	FIN	-TOTAL COST- AUTH	PLAN	OBLIG THRU FY 85	PIPE-LINE	FY 85	OBLIG-ATIONS	FY 1986 EXPENDITURES	MORTGAGE	OBLIG-ATIONS	FY 1987 EXPENDITURES	FY 88 AAAPL	SPECIAL CODES	ITEM NO	
<u>Education & Human Resources</u>																			
Program Dev. and Support 0000	EHPG	G	55	85		-	-	3110	478		-	200	N/A	-	278	-			
Basic Skills Trng. 0083	EHTV	G	83	89		4900	4900	2750	2034		400	650	1750	200	900	650			
Basic Skills Trng. 0083	EHTV	L	83	89		8500	8500	8500	8111		-	830	-	-	1200	-			
Management Trng 0084	EHDA	G	85	85		350	350	350	255		-	200	-	-	55	-			
Voluntary Sector Dev. 0085	EHPV	G	83	86		1621	1621	1400	961		221	200	-	-	160	-	PVO-100%		
PAVTAS OPG 0086	EHPV	G	82	83		500	500	500	233		-	165	-	-	45	-	PVO-100%		
Rural Services Proj. for Special Children OPG 0094	EHPV	G	82	83		500	500	500	84		-	84	-	-	-	-	PCV, PVO-100%		
Board of Revenue 0095	EHDA	G	83	87		-	3000	-	-		1000	-	2000	2000	1000	-			
Board of Revenue 0095	EHDA	L	83	87		4522	4522	4522	2073		-	1382	-	-	691	-			
Brothers Brother Foundation OPG 0106	EHPV	G	83	87		300	700	300	22		200	222	200	200	200	-	PVO-100%		
Primary Education Assistance 0126	EHED	G	85	88		11300	11300	3000	3000		1250	700	7050	2700	1500	4350			
UWI Management School Improvement 0129	HISP	G	87	89		-	2500	-	-		-	-	-	1000	500	1000			
Coop Development and Training 0180	EHMA	G	85	86		720	720	500	334		220	350	-	-	204	-	PVO-100%		
Program Dev. and Support 9105	EHPG	G	86	C		-	-	-	-		400	100	N/A	100	100	100			
T						33213	39113	25432	17585		3691	5083	11000	6200	6833	6100			
G						20191	26091	12410	7401		3691	2871	11000	6200	4942	6100			
L						13022	13022	13022	10184		-	2212	-	-	1891	-			

FY 1988 ANNUAL BUDGET SUBMISSION
TABLE IV - PROJECT BUDGET DATA

COUNTRY	JAMAICA	PROJECT NUMBER AND TITLE	SUB CAT	G L	OBLIG DATE INIT	FIN	-TOTAL AUTH	COST-PLAN	OBLIG THRU FY 85	FY 85 PIPE-LINE	OBLIG-ATTIONS	FY 1986 EXPEND-ITURES	MORTGAGE	OBLIG-ATTIONS	FY 1987 EXPEND-ITURES	FY 88 AAPL	SPECIAL CODES	ITEM NO	
		Selected Dev. Activities																	
		Program Dev. and Support 0000	SDPP	G	55	85	-	-	2864	588	-	428	N/A	-	160	-			
		Special Dev. Activities 00029	SDSH	G	66	C	-	-	1207	100	100	100	N/A	100	100	100	100	PCV, PVO-15%	
		Energy Sector Asst. 0065	SDEG	G	81	85	300	300	300	247	-	200	-	-	47	-		FY, PCV	
		Energy Sector Asst. 0065	SDEG	L	81	85	8400	8400	8400	5807	-	2000	-	-	2500	-		EY, PCV	
		Low Cost Shelter Dev. 0067	SDHU	G	82	89	985	2385	985	129	400	300	1000	350	379	350			
		Technical Consultations & Trng. 0079	SDPE	G	81	88	5500	14500	5500	4527	3000	1400	6000	3000	2200	3000		PVO-100%	
		Voluntary Sector Dev. 0085	SDIL	G	83	86	230	230	230	230	-	100	-	-	120	-			
		Private Dev. Bank 0091	SDPE	G	84	90	1100	1100	800	788	-	260	300	-	115	300			
		Private Dev. Bank 0091	SDPE	L	84	90	20000	20000	12500	12500	-	1500	7500	-	5000	2000			
		Board of Revenue Asst. 0095	SDTA	G	83	87	-	3000	-	-	1500	-	1500	1500	510	-		PCV, PVO-100%	
		Nat. Dev. Foundation Expn. 0108	SDEM	G	84	85	470	470	470	232	-	163	-	-	69	-			
		Urban Sector Tech. Asst. 0117	SDHU	G	85	85	900	900	900	900	-	168	-	-	250	-		PCV	
		Inner Kingston Improvement 0120	SDHU	G	86	88	-	10000	-	-	1950	200	8050	2500	2000	1750			
		Inner Kingston Improvement 0120	SDHU	L	86	88	-	5000	-	-	(5000)	-	-	-	1000	-			
		Inner Kingston Employment 0141	SDHU	G	85	86	650	725	650	650	75	250	-	-	214	-		PVO-100%	
		Program Dev. & Support 9106	SDPP	G	86	C	-	-	-	-	425	225	N/A	300	350	300			
			T				38535	67010	34806	26698	7450	7294	24350	7750	15014	7800			
			G				10135	33610	13906	8391	7450	3794	16850	7750	6514	5800			
			L				28400	33400	20900	18307	(5000)	3500	7500	-	8500	2000			

FY 1988 ANNUAL BUDGET SUBMISSION
TABLE IV - PROJECT BUDGET DATA

COUNTRY	JAMAICA	PROJECT NUMBER AND TITLE	SUB CAT	G L	OBLIG DATE	INIT	FIN	-TOTAL COST- AUTH	PLAN	OBLIG THRU FY 85	FY 85 PIPE-LINE	OBLIG-ATTIONS	FY 1986 EXPENDITURES	MORTGAGE	OBLIG-ATTIONS	FY 1987 EXPENDITURES	FY 88 AAPL	SPECIAL CODES	ITEM NO	
<u>Economic Support Fund</u>																				
		Tech. Cons & Trng. 0079	ESZZ G	79	88			12960	12960	12960	4928		1100	-	-	1800				
		Production & Employment V 0100	ESCT G	85	86			34500	34500	15500	-	19000	19000	-	-	-	-	-	-	-
		Jamaica Youth Conference 0110	ESZZ G	84	85			1000	1000	1000	-	-	-	-	-	-	-	-	-	-
		Production & Employment VI 0111	ESCT G	86	86			39000	40334	-	-	39000	39000	-	-	-	-	-	-	-
		Production & Employment VII 0124	ESCT G	87	87			-	100000	-	-	-	-	-	100000	100000	-	-	-	-
		Production & Employment VIII 0134	ESCT G	88	88			-	100000	-	-	-	-	-	-	-	100000	-	-	-
		T G L						87460	288794	29460	4928	58000	59100	-	100000	101800	100000			
								87460	288794	29460	4928	58000	59100	-	100000	101800	100000			

TABLE V - PROPOSED PROGRAM RANKING
FY 1987

<u>PROJECT TITLE/NO</u>		<u>N/O</u>	<u>L/G</u>	<u>ACCT</u>	<u>INCR</u>	<u>\$000 CUM.</u>
1. Production & Employment VII	0124	N	G	ES	(100000)	(100000)
2. Tech. Cons. & Trng. Grant	0079	O	G	SD	3000	3000
3. Crop Divers./Irrig	0123	O	G	FN	4000	7000
4. Board of Revenue Asst.	0095	O	G	SD	1500	8500
5. Inner Kingston Devel.	0120	O	G	SD	2500	11000
6. PD&S	-	O	G	ALL	700	11700
7. Primary Educ. Asst.	0126	O	G	EH	1700	13400
8. PL 480 Title I	-	N	L	PL	(30000)	13400
9. Low Cost Shelter Devel.	0067	O	G	SD	350	13750
10. Agric. Research	0128	O	G	FN	1000	14750
11. UWI Mgt. School Improvement	0129	N	G	EH	1000	15750
12. Pop./Fam. Plng. Serv	0069	O	G	PN	750	16500
13. Hillside Agric.	0101	O	G	FN	1000	17500
14. Proposed OPGs	9999	N	G	HE	200	17700
15. Board of Revenue Asst.	0095	O	G	EH	2000	19700
16. Brothers Brother Found.	0106	O	G	EH	200	19900
17. Crop Divers./Irrig.	0123	O	G	FN	1000	20900
18. Primary Educ. Asst.	0126	O	G	EH	1000	21900
19. Basic Skills Training	0083	O	G	EH	200	22100
20. Hillside Agric.	0101	O	G	FN	800	22900
21. Spec. Dev. Act. Fund	0029	O	G	SD	100	23000

TABLE V - PROPOSED PROGRAM RANKING
FY 1988

<u>PROJECT TITLE/NO.</u>		<u>N/O</u>	<u>L/G</u>	<u>ACCT</u>	<u>INCR</u>	<u>\$000 CUM.</u>
1. Production & Employment VIII	0134	N	G	ES	(100000)	(100000)
2. Tech. Cons. & Trng. Grant	0079	O	G	SD	3000	3000
3. Crop Divers./Irrig	0123	O	G	FN	2800	5800
4. Inner Kingston Devel.	0120	O	G	SD	1750	7550
5. PD&S	-	O	G	All	700	8250
6. Primary Educ. Asst.	0126	O	G	EH	3000	11250
7. PL 480 Title I	-	N	L	PL	(30000)	(30000)
8. Agric. Research	0128	O	G	FN	2000	13250
9. Low Cost Shelter Devel.	0067	O	G	SD	350	13600
10. Pop./Fam. Plng. Serv	0069	O	G	PN	750	14350
11. UWI Mgt. School Improvement	0129	O	G	EH	1000	15350
12. Hillside Agric.	0101	O	G	FN	2000	17350
13. Proposed OPGs	9999	N	G	HE	250	17600
14. Basic Skills Training	0083	O	G	EH	650	18250
15. Primary Educ. Asst.	0126	O	G	EH	1350	19600
16. Agric. Research	0128	O	G	FN	1000	20600
17. Trafalgar Devel. Bank	0091	O	L	SD	2000	22600
18. Trafalgar Devel. Bank	0091	O	G	SD	300	22900
19. Spec. Devel. Act. Fund	0029	O	G	SD	100	23000

FY 1988 ABS

LOCAL CURRENCY USE PLAN

The Mission has been actively involved in negotiating with the GOJ the uses of PL 480 Title I generated local currency since FY 1977, and the uses of local currency attributed to ESF cash transfer loans and grants since FY 1981. Both the negotiating procedures, and GOJ reporting systems are well established. Special accounts are set up in the Bank of Jamaica for each separate ESF loan and grant as well as for each PL 480 agreement.

Funds from these two types of Special Accounts are used to reimburse the GOJ's Consolidated Fund for expenditures on activities agreed upon by the Mission and the GOJ. Because of this mechanism, all of the agreed upon activities must appear as line items in the GOJ budget.

In the past, efforts to program counterpart funds in line with priorities identified by the Mission have sometimes been stymied by the limited resources available to the GOJ for allocation among competing line items in their annual budget. Although appropriate levels of counterpart funding were negotiated and formally agreed upon at staff levels, the budget authority allocated to particular line items in the subsequent budget were often substantially less. The effect of this underfunding was compounded when expenditure levels under the warrant system did not meet even these lower budget authority levels.

This year the Mission has met with both the Prime Minister and the Ministry of Finance (MOF) prior to the finalization of GOJ budget levels for JFY 1986/87, which begins April 1, 1986. These discussions have dealt primarily with USAID project needs in the coming Jamaican fiscal year, and have been approached through a discussion of the impact of different funding levels on the individual projects and a review of the resulting effect on project progress.

It is expected that this year's GOJ budget exercise will reflect a much more realistic level of funding for Mission projects than was the case in previous years. As in the past, these activities will fall into three categories in this order of priority: (1) counterpart to A.I.D. funded projects; (2) counterpart to other donor funded projects; and (3) funding for GOJ priority activities in areas of A.I.D. interest. In addition, USAID will endeavor to negotiate agreement for use of a portion of these local currencies for direct support of private sector activities. One possibility being considered is the channelling of counterpart generations from monetized Section 416 commodities to the Jamaica Agricultural Development Foundation for use in promoting private sector agricultural development.

Based on planning levels provided for the FY 1988 ABS, Jamaica is expected to receive \$100 million per year in ESF balance of payments support, and \$30 million per year in PL 480 Title I commodities in FY 1987 and FY 1988. At the current exchange rate of J\$5.50 = US\$1.00, local currency generations from these two sources would amount to J\$1.43 billion over the next two fiscal years. Programming, and expenditure of resources of this magnitude will undoubtedly involve direct budget support to the GOJ. The priorities noted above, however, will continue to guide the Mission's approach to negotiation of the uses of these funds.

The Jamaican fiscal year is from April 1 to March 31. The expenditure data listed on the attached tables for US FY 1985 are those for JFY 1985/86 (April 1, 1985 - March 31, 1986). Outyear estimates, accordingly, are for JFY 1986/87, JFY 1987/88 and JFY 1988/89.

FY 1988 ANNUAL BUDGET SUBMISSION
 Table VI: Expenditures of Local Currency Generations
 (all in the U.S. dollar equivalents, and in \$ millions)

<u>Source/Purpose</u>	<u>1985</u> <u>ACTUAL</u>	<u>1986</u> <u>EST.</u>	<u>1987</u> <u>Planned</u>	<u>1988</u> <u>PROP.</u>
I. ECONOMIC SUPPORT FUND				
A. Public Dev. Activities				
1. e.g. Agriculture Research, irrigation, rural infra structure (also indicate the amount of this counter part which is in direct support of AID projects)	9.6	14.7	20.0	22.0
2. UNDP, Trust, Fund	1.6	1.6	1.6	1.6
B. Private Sector Programs				
1.	0	0	2.0	5.0
2.				
C. Public Sector Recurrent Budget				
1.	17.8	27.2	40.0	45.0
2.				
D. AID Operating Expenses (Trust Fund)				
	3.1	3.6	3.6	3.6
II. DEVELOPMENT ASSISTANCE				
N/A				
A. Public Development Activities				
1.				
2.				
E. Private Sector Programs, Small Enterprise Credit (also include type of organization, e.g., PVO, Coop, Business, Other)				
1. e.g., PVO, Small Enterprise Development				
2. e.g., Coop, Housing				
C. Public Sector Recurrent Budget				
1.				
2.				
D. AID Operating Expenses (Trust Funds)				

FY 1988 ANNUAL BUDGET SUBMISSION
 Table VI: Expenditures of Local Currency Generations
 (all in the U.S. dollar equivalents, and in \$ millions)

<u>Source/Purpose</u>	<u>1985</u> <u>ACTUAL</u>	<u>1986</u> <u>EST.</u>	<u>1987</u> <u>Planned</u>	<u>1988</u> <u>PROP</u>
II. <u>PL 480</u>				
A. Public Development Activities	7.2	13.6	18.0	20.0
1.				
2.				
B. Private Sector Programs	0	0	2.0	5.0
1.				
2.				
C. Public Sector Recurrent Budget	10.6	16.2	25.0	27.0
1. e.g., Child Survival (also indicate the amount of this counterpart which is in direct support of AID projects)				
2. Agriculture or other subsidies				
D. AID Operating Expenses (Trust Funds)	0	0	0	0
TOTALS	49.9	76.9	112.2	129.2

Table VI: Development Purpose
(US\$ million)

I. <u>Economic Support Fund</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
<u>A. Public Devel. Activities</u>				
Ag. Research	0.05	0.10	0.60	1.60
Conservation/Forestry	0.42	0.63	1.00	1.50
Ag. Marketing	0.59	0.75	0.80	0.80
Energy	0.64	0.95	1.10	1.10
Agribusiness	0.36	0.54	0.72	0.72
Tax Admin.	0.20	0.60	1.50	2.00
Secondary Ed.	0.06	0.10	0.19	0.19
Primary Ed.	0.47	0.70	1.00	1.00
Tertiary Inst.	0.05	0.10	0.15	0.15
Roads/Bridges	1.17	1.76	2.64	2.64
Water Supply	3.45	5.18	6.00	6.00
Hospitals	0.46	0.70	1.00	1.00
Child Care	0.09	0.20	0.30	0.30
Voc. Trng.	1.59	2.39	3.00	3.00
<u>B. Private Sector Programs</u>				
Credit Unions (Housing)	-	-	1.00	3.00
Intermed Fin. Inst.	-	-	1.00	2.00

II. PL 480

<u>A. Public Development Activities</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
Irrigation	0.20	0.80	1.50	2.00
Export Crops	0.54	1.20	2.00	2.50
Fisheries	0.04	0.05	0.05	0.05
Ag. Planning	0.23	0.20	0.20	0.20
Livestock Devel.	0.15	0.20	0.25	0.25
Rural Electrification	0.51	0.75	1.00	1.00
Road Maint.	1.67	2.70	3.50	3.50
Urban Transport	0.28	0.60	1.00	1.00
Primary Health Care	0.22	0.75	1.00	1.00
Skills Trng.	1.05	2.00	2.50	2.50
Other Educ.	0.07	0.15	0.50	0.50
Energy	0.27	0.30	0.50	0.50
Rural Devel.	0.20	0.40	0.50	0.50
Food Stamps	1.77	3.50	4.00	4.50
<u>B. Private Sector Programs</u>				
Intermed. Finance Inst.	-	-	2.00	5.00

OE NARRATIVE

MANAGEMENT IMPROVEMENTS

As discussed in the FY 1987/88 Action Plan, the Mission's proposal for withdrawal from participation in the Foreign Affairs Administrative Support (FAAS) for support services has been approved. Consequently it can be anticipated that the Mission FAAS cost for FY 1987 will be minimal and much less than the US\$ 579,900 cost for FY 1985.

Moreover and as also discussed in the Action Plan, much of the cost for support services will be paid from Trust Funds thereby reducing the Mission's requirements for US dollars in the OE budget as evidenced by the planned budgets for FY 1987 and FY 1988.

At a cost of J\$ 892,500 (US\$ 162,273), the Mission has been able to acquire property to accommodate its own GSO support facility and expects to move into this facility on or before October 1, 1986. There will however be start-up costs for this operation, some of which will have to be funded with US dollars; i.e. ADP equipment and other office equipment and vehicles which cannot be procured locally.

Accordingly, the Mission has requested an increase of US\$200,000 in the FY 1986 OE budget. If this sum is made available there can be a corresponding reduction in the OE budget proposal for FY 1987.

In addition to the purchase of real property discussed above, the Mission, using Trust Funds, has acquired property to be used as the Mission Director's residence. Cost of this property is J\$1,870,000, (US\$340,000.)

INFORMATION TECHNOLOGY

USAID/Jamaica has completed the installation of the WANG VS 90 mini-computer. To date the Mission has in its ADP inventory the VS 90 consisting of the following equipment: one CPU; one tape drive; two disk drives; six printers (four DW/OS 55, one Matrix and one band printer). There are two WANG PCs complete with work stations and printers and a WANG OIS 50 complete with CPU, two workstations and one printer.

Currently there is a 1:3 ratio of staff to workstations within the Mission. There are however plans for expansion in both personnel and ADP equipment which will have an effect on this ratio. The planned procurement of ADP equipment for this expansion has been included in the FY 1987 NXP Procurement Plan.

JUSTIFICATION FOR FUNDING CHANGES

There is only one instance in which funding requests by summary function level increases by 10% between fiscal years 1986 and 1987. There are none between fiscal years 1987 and 1988.

Function level U300 increases by 53% from 1986 to 1987. Increase represents an additional 2.5 unit level increase in U.S. PSCs, and 19 unit level increase in FN PSCs. The U.S. increase represents an engineer to assist in the increased workload of the Engineering Office, and a GSO position required to assist the Executive Officer when the Mission commences GSO operations effective 10/01/86. The FN increase represents positions in the Executive Office and GSO operations when the Mission pulls out of FAAS effective 10/01/86.

TABLE VIII - FY 1986
USAID/JAMAICA
(\$000)

EXPENSE CATEGORY	F.C.	O.C.	DOLLAR FUNDED	TRUST FUNDED	TOTAL BUDGET	UNITS
U.S. DIRECT HIRE	U100		1,704.4	74.6	1,779.0	XXXXX
U.S. CITIZENS BASIC PAY	U101	110	1,242.0		1,242.0	24.3 *
PT/TEMP U.S. BASIC PAY	U102	112	0.0		0.0	0
DIFFERENTIAL PAY	U103	116	186.3		186.3	XXXXX
OTHER AID/W FUNDED O.C. 11	U104	119	0.0		0.0	XXXXX
OTHER MISSION FUNDED O.C. 11	U105	119	0.0		0.0	XXXXX
EDUCATION ALLOWANCES	U106	126	55.2	12.7	67.9	14
RETIREMENT - U.S.	U107	120	86.9		86.9	XXXXX
LIVING ALLOWANCES	U108	128	0.0		0.0	XXXXX
OTHER AID/W FUNDED O.C. 12	U109	129	43.5		43.5	XXXXX
OTHER MISSION FUNDED O.C. 12	U110	129	9.0	1.4	10.4	XXXXX
POST ASSIGNMENT - TRAVEL	U111	212	4.8		4.8	2
POST ASSIGNMENT - FREIGHT	U112	22	36.0		36.0	2
HOME LEAVE - TRAVEL	U113	212	12.6	16.8	29.4	20
HOME LEAVE - FREIGHT	U114	22	10.1	10.1	20.1	20
EDUCATION TRAVEL	U115	215	2.1	2.0	4.1	12
R & R TRAVEL	U116	215		25.7	25.7	15
ALL OTHER CODE 215 TRAVEL	U117	215	16.0	6.0	22.0	10
FOREIGN NATIONAL DH	U200		1.0	164.4	165.4	XXXXX
BASIC PAY	U201	114	0.5	141.4	141.9	16.4
OVERTIME, HOLIDAY PAY	U202	115		6.0	6.0	0.7
ALL OTHER CODE 11 - FN	U203	119		4.5	4.5	XXXXX
ALL OTHER CODE 12 - FN	U204	129	0.5	10.9	11.4	XXXXX
BENEFITS FORMER FN PERS.	U205	13		1.5	1.5	XXXXX
CONTRACT PERSONNEL	U300		0.0	395.9	395.9	XXXXX
PASA TECHNICIANS	U301	258	0.0		0.0	0
U.S. PSC - SALARY/BENEFITS	U302	113		105.0	105.0	3.5
ALL OTHER U.S. PSC COSTS	U303	255		11.0	11.0	XXXXX
F.N. PSC - SALARY/BENEFITS	U304	113		265.9	265.9	40
ALL OTHER F.N. PSC COSTS	U305	255		14.0	14.0	XXXXX
MANPOWER CONTRACTS	U306	259		0.0	0.0	0
JCC COSTS PAID BY AID/W	U307	113	0.0		0.0	0
HOUSING	U400		33.0	605.3	638.3	XXXXX
RENT	U401	235		332.8	332.8	24.8
UTILITIES	U402	235		72.7	72.7	XXXXX
RENOVATION AND MAINT.	U403	259	10.0	29.0	39.0	XXXXX
QUARTERS ALLOWANCE	U404	127		29.8	29.8	2
PURCHASES RES. FURN/EQUIP.	U405	311	15.0	15.0	30.0	XXXXX
TRANS./FREIGHT - CODE 311	U406	22	8.0		8.0	XXXXX
SECURITY GUARD SERVICES	U407	254		124.5	124.5	XXXXX
OFFICIAL RESIDENCE ALLOW.	U408	254				XXXXX
REPRESENTATION ALLOWANCE	U409	252		1.4	1.4	XXXXX

OFFICE OPERATIONS	U500		734.2	767.0	1,501.2	XXXXX

RENT	U501	234		142.7	142.7	XXXXX
UTILITIES	U502	234		109.1	109.1	XXXXX
BUILDING MAINT./RENOV.	U503	259	21.0	81.8	102.8	XXXXX
OFFICE FURN./EQUIP.	U504	310	2.0	27.3	29.3	XXXXX
VEHICLES	U505	312	0.0		0.0	XXXXX
OTHER EQUIPMENT	U506	319	6.1		6.1	XXXXX
TRANSPORTATION/FREIGHT	U507	22	1.8		1.8	XXXXX
FURN./EQUIP./VEH. REPAIR/MAINT	U508	259	38.0	33.0	71.0	XXXXX
COMMUNICATIONS	U509	230		71.6	71.6	XXXXX
SECURITY GUARD SERVICES	U510	254		51.8	51.8	XXXXX
PRINTING	U511	24		6.4	6.4	XXXXX
RIG/II OPERATIONAL TRAVEL	U512	210	0.0		0.0	0
SITE VISITS - MISSION	U513	210	19.0	16.0	35.0	40
SITE VISITS - AID/WASH	U514	210	1.0	5.0	6.0	2
INFORMATION MEETINGS	U515	210	0.0		0.0	0
TRAINING ATTENDANCE	U516	210	6.0	6.0	12.0	6
CONFERENCE ATTENDANCE	U517	210	12.0	7.0	19.0	12
OTHER OPERATIONAL TRAVEL	U518	210	6.0	2.0	8.0	6
SUPPLIES AND MATERIALS	U519	26	38.3	36.4	74.7	XXXXX
FAAS	U520	257	575.0		575.0	XXXXX
CONSULTING SVCS - CONT.	U521	259		0.0	0.0	XXXXX
MGT./PROF. SVCS. - CONT.	U522	259		0.0	0.0	XXXXX
SPEC. STUDIES/ANALYSES CONT.	U523	259		0.0	0.0	XXXXX
ALL OTHER CODE 25	U524	259	8.0	170.9	178.9	XXXXX
TOTAL O.E. BUDGET			2,472.6	2,007.1	4,479.7	XXXXX
RECONCILIATION			2,133.7	0.0	2,133.7	XXXXX
636C REQUIREMENTS	U600	32		502.3	502.3	
OPERATING ALLOWANCE REQUEST			339.0	2,509.4	2,848.3	XXXXX

*Includes 2.0 IDIs

FY 1988 ANNUAL BUDGET SUBMISSION
TABLE VIII(a) - Information on U.S. PSC Costs

<u>Job Title/Position Description</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>
Systems Administrator	27,000 (10/85-9/86)	28,000 (10/86-9/87)	29,400 (10/87-9/88)
Secretary D/Dir.	23,000 (10/85-9/86)	25,000 (10/86-9/87)	26,250 (10/87-9/88)
Fin. Analyst/Acct.	37,000 (10/85-8/86)	43,000 (10/86-9/87)	45,150 (10/87-9/88)
Housing Advisor	23,000 (02/86-04/86)		
General Services Officer		35,000 (10/86-9/87)	36,750 (10/87-9/88)
Engineer		55,000 (10/86-9/87)	57,750 (10/87-9/88)
Secretary	6,000 (7/86-9/96)	25,000 (10/86-9/87)	26,250 (10/87-9/88)
	<u>116,000</u>	<u>211,000</u>	<u>221,550</u>

FY 1988 ANNUAL BUDGET SUBMISSION
TABLE VIII(b) - All Other Code 25 Detail

<u>Description of Service</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>
Photocopying Service Contract	76,400 (10/85-9/86)	81,800 (10/86-9/87)	89,000 (10/87-9/88)
Internal Control Reviews	47,500 (5/86-6/86)		
All Other Contracts	55,000 (10/85-9/86)	56,200 (10/86-9/87)	61,300 (10/87-9/88)
	<u>178,900</u>	<u>138,000</u>	<u>150,300</u>

TABLE VIII(c)
OBLIGATIONS FOR ACQUISITION, OPERATION
AND USE OF INFORMATION TECHNOLOGY SYSTEMS
 (\$000)

<u>ITEM AND EXPLANATION</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>
1. <u>Capital Investment</u>	70.0	96.5	0
A. <u>Purchase of Hardware</u> Purchase of automation equipment by the Mission; such as WANG VS mini-computer, WANG OIS System, WANG WP equipment and micro-computers and their associated workstations and terminals, printers and telecommunications modems. List on one line, each item of equipment separately, by vender name, name of item and model number. Show cost of acquisition under appropriate fiscal year.			
B. <u>Purchase of Software</u> Purchase of software by the Mission to operate existing or new automation equipment (hardware) such as CP/M, Multiplan, DBASE and Microstat, LOTUS 1-2-3, etc. List on one line, each item of software separately, by vender name, name of item and brief description. Show cost of acquisition under appropriate fiscal year.	10.0	5.0	5.0
C. <u>Site Facility</u> Cost of proposed site construction to prepare for setting up a WANG VS or WANG OIS automation system, such as raised floors, walls, air conditioning and un-interruptible power sources.	6.0	0	0
SUBTOTAL	<u>86.0</u>	<u>101.5</u>	<u>5.0</u>
<hr/>			
2. <u>Personnel</u> Mission will provide requirements below for personnel involved in the information technology functions, such as systems development and operation, and the percentage of management and secretarial personnel also involved. Personnel that use systems will not be included			
A. <u>Compensation, Benefits and Travel</u>	22.5	30.0	32.0

TABLE VIII(c)
(Continued)

<u>ITEM AND EXPLANATION</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>
<u>3. Equipment Rental, Space and Other Operating Costs</u>			
A. <u>Lease of Equipment</u> Obligations for lease and maintenance of non-government owned equipment (rented equipment).	0	0	0
B. <u>Space</u> Obligations for lease of space to house automation equipment, office space for personnel (direct-hire and contractor) involved in the information technology function (See 2A & 2B) including basic utilities and house-keeping services.	0	0	0
C. <u>Supplies and Other Material</u> Obligations for supplies and software rental (not included in a rental contract for equipment).	8.0	15.0	25.0
D. <u>Non-Commercial Training</u> Obligations for planning and conducting government operated training to prepare users to make effective use of resources.	0	0	0
<u>SUBTOTAL</u>	<u>8.0</u>	<u>15.0</u>	<u>25.0</u>
<u>4. Commercial Services</u> This includes obligations for services where payments are made to private industry.	0	0	0
A. <u>Computer Time</u> Obligations to fund contracts with a private firm to provide computer time to the Mission.	0	0	0
B. <u>Leased Telecommunications Services</u> Obligations for leased telephone lines and other telecommunications services to obtain data from other computers or to transmit data. For Missions, where applicable include, but identify separately, the lease of local telephone lines and modems to reach the American Embassy's Office of Communications for the purpose of transmission of data to and from AID/W.	0	0	0

TABLE VIII(c)
(Continued)

<u>ITEM AND EXPLANATION</u>	<u>FY 1986</u>	<u>FY 1987</u>	<u>FY 1988</u>
<u>C. Operations and Maintenance</u>			
(1) <u>Operations</u> Include funds to be obligated for contractor services to operate a WANG VS computer or an OIS System (System administrator and staff, not workstation operators).	0	0	0
(2) <u>Maintenance</u> Include obligations for contracts to maintain government-owned equipment (hardware) and software that is currently in place and that is to be acquired in 1A and 1B above.	31.6	62.0	68.2
<u>D. Systems Analysis and Programming</u> Obligations for contractor services to design and program new ADP or OIS application systems and to maintain existing systems.	0	0	0
<u>E. System Design and Engineering</u> (NOT REQUIRED BY AID MISSIONS)	0	0	0
<u>F. Studies and Other</u> Obligations for management and feasibility studies, requirement definitions, and commercial training.	0	0	0
SUBTOTAL	<u>31.6</u>	<u>62.0</u>	<u>68.2</u>
<hr/>			
5. TOTAL DOLLARS	<u>148.1</u>	<u>208.5</u>	<u>130.2</u>
TOTAL WORKYEARS (From item 2A)	<u>1.5</u>	<u>2.0</u>	<u>2.0</u>
<hr/>			
6. <u>MISSION ALLOWANCE LEVELS</u>			
A. Amounts included in Mission allowances for existing systems (includes 2A, 3, and 4). (Services for equipment in place only.)	<u>30.5</u>	<u>45.0</u>	<u>57.0</u>
B. Amounts included in Mission allowances for new or expanded systems (includes 1, 2A, 3, and 4.) (Equipment and services for new efforts beginning during the FY.)	<u>116.5</u>	<u>146.5</u>	<u>62.0</u>

Country/Office JAMAICA

FY 1988 ANNUAL BUDGET SUBMISSION

TABLE XI

P.L. 480 Title I/III REQUIREMENTS
(Dollars in Millions, Tonnage in Thousands)

	Actual FY 1986		Estimated FY 1987		Projected FY 1988	
	\$	MT	\$	MT	\$	MT
<u>COMMODITIES</u>						
<u>Title I</u>						
WHEAT/WHEAT FLOUR	14.0	65.2	14.0	110.0	14.0	110.0
CORN/SORGHUM	8.0	87.5	9.0	80.0	9.0	80.0
RICE	8.0	28.0	7.0	35.0	7.0	35.0
VEGETABLE OIL	0.0	0.0	0.0	0.0	0.0	0.0
<u>Total</u>	30.0		30.0		30.0	-
of which						
Title III		N/A				

Total
COMMENT:

FY 1988 ANNUAL BUDGET SUBMISSION
TABLE XIII
PL 480 TITLE II

I. Country JAMAICA

Sponsor's Name _____

A. Maternal and Child Health.....Total Recipients _____

No. of Recipients by Commodity	Name of Commodity	(Thousands)	
		KGS	Dollars
_____	_____	_____	_____
_____	_____	_____	_____
Total MCH		_____	_____

B. School Feeding.....Total Recipients _____

No. of Recipients by Commodity	Name of Commodity	(Thousands)	
		KGS	Dollars
_____	_____	_____	_____
_____	_____	_____	_____
Total School Feeding		_____	_____

C. Other Child FeedingTotal Recipients _____

No. of Recipients by Commodity	Name of Commodity	(Thousands)	
		KGS	Dollars
_____	_____	_____	_____
_____	_____	_____	_____
Total Other Child Feeding		_____	_____

D. Food for Work.....Total Recipients _____

No. of Recipients by Commodity	Name of Commodity	(Thousands)	
		KGS	Dollars
_____	_____	_____	_____
_____	_____	_____	_____
Total Food for Work		_____	_____

E. Other (Specify) JAMAICA AGRICULTURAL DEVELOPMENT FOUNDATION.....Total Recipients N/A

No. of Recipients by Commodity	Name of Commodity	(Thousands)	
		KGS	Dollars
N/A	BUTTER	.792	.880
N/A	CHEESE	1.980	2.400
N/A	NFDM	2.970	1.875
Total Other		_____	5.155*

II. Sponsor's Name _____

ANNEX L

Privatization Plans

USAID/J's privatization program to date. During the last three years, USAID has worked closely with the GOJ to develop and implement a workable privatization plan. "Privatization" includes the contracting out to the private sector for services (including management), leases, and the outright sale, i.e. divestment, of state enterprises. As indicated below, the majority of GOJ enterprises which have been privatized were done through leasing.

USAID has had three basic inputs into the GOJ's privatization program: (1) TC&TG funding to assist the Divestment Secretariat; (2) ESF funding and conditionality designed to advance the privatization of specific GOJ-owned enterprises; and (3) a more general, ongoing policy dialogue with the GOJ on privatization as a means of financing needed public infrastructure and of relieving the overburdened cadre of public sector managers and executives of tasks that could be taken over by the private sector.

As reported in earlier cables and memoranda, Jamaica has made substantial progress in transferring ownership and/or control of state enterprises to the private sector. One measure of the progress of the privatization program is that many of the following actions were undertaken on the GOJ's own initiative (albeit with full appreciation of the importance we attach to it):

- The leasing of 9 of 11 GOJ-owned hotels.
- The leasing of agricultural lands under the aegis of Agro 21, which has targeted 51 government properties on a total of 39,000 acres for privatization. Of these 51, 22 properties have been privatized (with a total acreage of 18,000), seven (with 5,000 acres) await final cabinet approval for privatization, and 22 (with 16,000 acres) are still available for privatization.
- Of the 30 enterprises which are the responsibility of the Divestment Secretariat, the technical committee established to evaluate proposals for enterprises selected for privatization, 2 have been privatized and 11 are in an advanced stage of privatization (see below). It is anticipated that 6 of the enterprises will be sold outright, 21 leased, with the remainder undecided at this point.
- Leasing of 59 of 69 rural agricultural markets.

- Signing of management contracts with the British sugar producer Tate and Lyle to operate the two biggest sugar estates.
- Seprod Limited, formerly a wholly-owned subsidiary of the Coconut Industry Board involved in the manufacturing of soap products, cooking oil and margarine, recently issued a substantial part of its equity to outside interests through private placement and by listing on the stock exchange.
- Privatization over the last five years of the government bus company in Greater Kingston and Montego Bay.
- Preparation of a framework under which four government-owned radio stations are to be leased to private operators and four hours of television per day are to be sold to a private operator or operators.
- Contracting out for street cleaning and garbage collection in Greater Kingston.
- Drafting of contracts for the private sector provision in government-owned hospitals of services such as laundry, cleaning, and food preparation.

Through funding provided under our Technical Consultations and Training Grant (TC&TG), USAID has provided technical assistance and professional services to the Divestment Secretariat in the National Investment Bank of Jamaica (NIBJ). An independent report concluded that the funds provided by USAID helped the Divestment Secretariat to rectify initial difficulties and enabled it to perform the necessary fact-finding, advertising and negotiation tasks on a full-time basis. Our earlier analyses indicated that the net benefits to be derived once the NIBJ has completed its privatization of the 30 enterprises it is processing could be on the order of US\$10 million. In the Prime Minister's fiscal year 1986/87 budget proposal divestment of state enterprises is identified as the source of J\$25 million (about US\$4.5 million) of capital budget financing.

(A) Short term and long term targets of opportunity

The short term targets of opportunity are represented by the 30 enterprises in the Divestment Secretariat's portfolio for which USAID has provided funding under TC&TG. The heterogeneous nature of this group of enterprises, the poor condition of their books and records, and their frequent poor earnings performance have made them among the most difficult and time consuming of the government-owned assets to privatize. The present status of

these 30 enterprises can be summarized as follows:

<u>Status</u>	<u>Number of Enterprises</u>
Effectively completed	2
Advanced stage	11
Negotiations commenced or to commence shortly	4
Valuation completed	2
Data collection and valuation in progress	9
Data collection and valuation will commence soon, other	2

The recent announcement by the GOJ of its intention to sell two-thirds of its equity in the National Commercial Bank (NCB) represents an important medium to long term target of opportunity. The sale of this equity through the stock market would be by far the largest public issue of shares or securities by a company in Jamaica. The current GOJ plan is to structure the sale to maximize the role of small investors along the British Telecom model. It is difficult to calculate the market value of NCB, but with an assumed price-earnings ratio between 7 and 10, and 1985 earnings of J\$18 million, the NCB would be worth between J\$130-180 million, or US\$23-33 million. While no formal arrangements have been made, it is very possible that USAID could provide funding for some of the professional services needed to make the privatization of the NCB a success.

Assuming that the NCB privatization goes well, longer term targets of opportunity could include additional larger GOJ-owned enterprises such as the National Hotel and Properties (which owns 11 hotels) and the Caribbean Cement Company. In the case of the former, it is possible that the hotels which are currently leased would be sold outright.

(B) Mission's proposed strategy for addressing privatization.

The GOJ and USAID both realize that a restructuring of the government's portfolio of economic activities is a vital component of the GOJ's development strategy. Even with its substantial progress in privatization, the GOJ continues to own and operate too many enterprises which could be profitably run by the private sector. Many of the enterprises lose money and so constitute a drain on the fiscal budget; worse, they absorb disproportionate amounts of time of the small number of high-level government personnel. At the same time, the GOJ's commitment of resources in areas which are properly in the domain of the public sector, especially infrastructure, is inadequate.

The basic goal of our privatization program, then, is to assist the GOJ in its efforts to use privatization as a mechanism to restructure its portfolio of activities in order to improve overall economic efficiency and performance.

As the preceding sections have indicated, USAID already has an operational privatization plan in place. During the course of the next year we plan to continue to coordinate the use of TC&TG funds with policy dialogue to assist the GOJ in carrying out its privatization program. USAID is considering making further funding available to the Divestment Secretariat.

The GOJ concurred in earlier ESF agreements to investigate the possibility of private ownership participation in the larger state owned enterprises and to study the feasibility of private equity participation in the hotel industry. As indicated above, the GOJ is now considering the share sale approach for the NCB and possibly several larger enterprises, including hotels.

ESF conditionality will continue to be an important instrument in our privatization strategy, although the approach that seems to be most effective in Jamaica is to reach agreement in advance of formal negotiations and use the ESF disbursements as ex post support for decisions the Government has already taken.

(C) Projected timeframe for achieving the goals of the privatization plan.

Again, as indicated in the preceding discussion, several goals of the privatization plan have already been accomplished. For the remainder of 1986, we plan to work closely with the GOJ to ensure that as many of the 30 enterprises in the Divestment Secretariat are privatized as possible. Additional smaller enterprises may also be added to the privatization list. Our other basic goal is to provide assistance where needed to ensure that the privatization of the NCB gets off on a solid footing and expeditiously so that it can be used as a model for the privatization of additional larger GOJ-owned enterprises.

Agency System on Research

1. Project Number: 532-0128

Appropriation:

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

(A) - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID Jamaica

Office Symbol: ARDO

Project Title: Agricultural Research

Project Officer: Voth, Leland

2. Purpose of Research (Not to exceed 3 typed line):

A. Identify solutions to constraints to increased production and productivity by conducting adaptive research in priority commodity areas.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. PID completed and PP in preparation.

B.

C.

D.

4. Date Progress Statement Submitted: 5/22/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: -

B. Planned: \$7,600

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

XXXXX	
FY 86	500
FY 87	1000
FY 88	3000
FY 89	3100

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1 A 19	#2 AG 3	#3 A 32	#4 A 41
XXXXX				
FY 86	50	10	40	-
FY 87	50	10	40	
FY 88	40	10	30	20
FY 89	40	20	20	20

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1 532	#2	#3	#4
XXXXX				
FY 86	100			
FY 87	90			
FY 88	90			
FY 89	80			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	JADF
Agency Type	FM 40
FY 85	-
FY 86	100
FY 87	100
FY 88	100
FY 89	100

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0081

Appropriation: FN

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: ARDO

Project Title: Agro-industrial Development

Project Officer: Rochester, Vivian

2. Purpose of Research (Not to exceed 3 typed line):

- A. To develop economic profiles for 21 agricultural subsectors
- B.
- C.
- D.

3. Progress Statement (Not to exceed 3 typed line):

- A. Thirteen subsector profiles completed; eight more underway
- B.
- C.
- D.

4. Date Progress Statement Submitted: 5/18/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 898

B. Planned: 1,405

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	403
FY 86	495
FY 87	507
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	AG 12/13	#2	AG 19	#3	AG 42	#4
FY 85		5		93		2	
FY 86		-		100		-	
FY 87		-		100		-	
FY 88		-		-		-	

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		100			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Ronco Consulting	Hawaiian Agronomics	Contractors
Agency Type	IN 20	IN 50	IN 10
FY 85	5	-	95
FY 86	-	48	52
FY 87	To be determined		
FY 88	-	-	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: ARDO

Project Title: Tech. Cons. & Trng. (Agro 21)

Project Officer: Rochester, Vivian

2. Purpose of Research (Not to exceed 3 typed line):

A. To promote commercial production of non-traditional crops.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Eight studies underway in areas of ornamental horticulture, plant virology, tissue culture, pineapple, papaya, macademia, aquaculture, and meat certification

B.

C.

D.

4. Date Progress Statement Submitted: 5/19/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 139

B. Planned: 139

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	122
FY 86	-
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1 AG 70	#2 AG 43	#3	#4
FY 85	73	27		
FY 86	-	-		
FY 87	-	-		
FY 88	-	-		

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1 532	#2	#3	#4
FY 85	100			
FY 86	-			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency Type	Amer. Grad. School		USDA	Contractors
	UC	20	US 10	IN 10
FY 85	15		11	74
FY 86	-		-	-
FY 87	-		-	-
FY 88	-		-	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0060

Appropriation: FN

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: ARDO

Project Title: Agricultural Marketing

Project Officer: O'Hare, Timothy

2. Purpose of Research (Not to exceed 3 typed line):

A. To improve the Jamaican marketing system for fresh produce and meat products.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. A market news and intelligence system established; appropriate grading and washing equipment developed; feasibility studies conducted; and

B. demonstration program developed.

C.

D.

4. Date Progress Statement Submitted: 5/19/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 900

B. Planned: 900

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	230
FY 86	200
FY 87	80
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1 <u>AG 32</u>	#2 <u>AG 70</u>	#3 _____	#4 _____
FY 85	62	38		
FY 86	54	46		
FY 87	55	45		
FY 88	-	-		

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1 <u>532</u>	#2 _____	#3 _____	#4 _____
FY 85	100			
FY 86	100			
FY 87	100			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Ministry of Agriculture
Agency Type	FM 20
FY 85	100
FY 86	100
FY 87	100
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0113

Appropriation: FN

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: ARDO

Project Title: Hillside Assessment

Project Officer: Voth, Leland

2. Purpose of Research (Not to exceed 3 typed line):

- A. To identify and analyze production and conservation technologies best suited to adoption of rational, long term land use practices for hillside
- B. agricultural development
- C.
- D.

3. Progress Statement (Not to exceed 3 typed line):

- A. Overall assessment of target area completed. Land tenure and coffee production studies completed. Agro-processing study underway. Cacao study to begin in June, 1986.
- B.
- C.
- D.

4. Date Progress Statement Submitted: 5/20/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 249

B. Planned: 249

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	112
FY 86	97
FY 87	40
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	AG 19	#2	AG 90	#3	#4
FY 85		9		91		
FY 86		7		93		
FY 87		65		35		
FY 88		-		-		

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		100			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Clark Univ.	Contractors
Agency Type	UC 10	IN 10
FY 85	93	7
FY 86	75	25
FY 87	To be determined	
FY 88	-	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0097

Appropriation: FN Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: ARDO

Project Title: Sm. Farm. Prod./Mktg.-OPG

Project Officer: O'Connor, Timothy

2. Purpose of Research (Not to exceed 3 typed line):

A. To promote improved farming practices and plant varieties for small farmers in south-central Jamaica.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Five acre demonstration plot currently under development. Joint venture research initiative between US PVO and international agroindustrial firm in planning stages.

B.

C.

D.

4. Date Progress Statement Submitted:

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 50

B. Planned: 50

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	-
FY 86	15
FY 87	25
FY 88	10

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	AG19	#2	AG20	#3	#4
FY 85		-		-		
FY 86		60		40		
FY 87		60		40		
FY 88		60		40		

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		-			
FY 86		100			
FY 87		100			
FY 88		100			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Partnership for Productivity
Agency Type	PV 10
FY 85	-
FY 86	100
FY 87	100
FY 88	100

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: ARDO

Project Title: Tech. Cons. & Trng. (Soyabean Research)

Project Officer: McCluskey, William

2. Purpose of Research (Not to exceed 3 typed line):

A. To refine and disseminate soyabean production technology appropriate to Jamaica.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Research in determining best varieties, weed control, disease resistance and plant population completed.

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 70

B. Planned: 70

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	53
FY 86	-
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	AG 15	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Jamaica Soya Products Industries
Agency Type	FM 30
FY 85	100
FY 86	-
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: ARDO

Project Title: Tech. Cons. & Trng. (Fish Predation Study)

Project Officer: Voth, Leland

2. Purpose of Research (Not to exceed 3 typed line):

- A. To determine extent of Jamaica fish farming losses caused by predators, and economically viable methods for small fish farmers to minimize such losses.
- B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

- A. Research in Progress

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 2

B. Planned: 2

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	2
FY 86	-
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1 <u>AG 43</u>	#2 _____	#3 _____	#4 _____
FY 85	<u>100</u>			
FY 86	-			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1 <u>532</u>	#2 _____	#3 _____	#4 _____
FY 85	<u>100</u>			
FY 86	-			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Univ. of West Indies	Ministry of Agriculture
Agency Type	FM 10	FM 20
FY 85	25	75
FY 86	-	-
FY 87	-	-
FY 88	-	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Solar Salt Drying)

Project Officer: Lowe, James

2. Purpose of Research (Not to exceed 3 typed line):

A. To determine feasibility of producing salt commercially by solar drying of heavily concentrated salt water.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Positive results of research indicate commercial feasibility of process

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 90

B. Planned: 90

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	90
FY 86	-
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1 <u>FN 90</u>	#2 _____	#3 _____	#4 _____
FY 85	100			
FY 86	-			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1 <u>532</u>	#2 _____	#3 _____	#4 _____
FY 85	100			
FY 86	-			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Scientific Research Council
Agency Type	FM 20
FY 85	100
FY 86	-
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: ~~SP~~ USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Aluminum Sulphate)

Project Officer: Lowe, James

2. Purpose of Research (Not to exceed 3 typed line):

A. To develop new technology for production of high quality aluminum sulphate from low grade Jamaican bauxite

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Lab work successfully completed. Quotations being received for pilot project

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 75

B. Planned: 75

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	30
FY 86	45
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	FN 90	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Jamaican Bauxite Institute
Agency Type	FM 20
FY 85	100
FY 86	100
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Artemia Research)

Project Officer: Wahlberg, Debra

2. Purpose of Research (Not to exceed 3 typed line):

A. To determine commercial/technical feasibility of growing artemia as a food source for prawn farms.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Research completed

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 7

B. Planned: 7

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 -
FY 86 7
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1 AG 43	#2	#3	#4
FY 85	-			
FY 86	100			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1 532	#2	#3	#4
FY 85	-			
FY 86	100			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Jamaica Aquaculture
Agency Type	FM 30
FY 85	-
FY 86	100
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Indus. Grade Charcoal)

Project Officer: Wahlberg, Debra

2. Purpose of Research (Not to exceed 3 typed line):

A. To develop efficient wood burning techniques to produce charcoal as substitute for petroleum

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Kiln constructed and initial testing underway

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 5

B. Planned: 5

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 5
FY 86 -
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	#2	#3	#4
FY 85	EN 20 100			
FY 86	-			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	#2	#3	#4
FY 85	532 100			
FY 86	-			
FY 87	-			
FY 88	-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency Bioresources Devel. Corp.
Agency Type FM 30
FY 85 100
FY 86 -
FY 87 -
FY 88 -

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Plastic Bag Biodigester)

Project Officer: Wahlberg, Debra

2. Purpose of Research (Not to exceed 3 typed line):

A. To test application of plastic bag biodigester in Jamaica

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Ongoing. One biodigester functioning; second to come on stream by end FY 1986; third location being identified. Contract being developed for

B. technical assistance.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 9

B. Planned: 9

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 8
FY 86 -
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	EN 20	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Scientific Research Council
Agency Type	FM 20
FY 85	100
FY 86	-
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Ceramic Processing)

Project Officer: Lowe, James

2. Purpose of Research (Not to exceed 3 typed line):

A. To develop a process for producing standard clay materials for the pottery industry.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Research ongoing.

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 80

B. Planned: 80

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	-
FY 86	80
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	FN 90	#2	#3	#4
FY 85		-			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		-			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Friends of Jamaica School of Art
Agency Type	FN 40
FY 85	-
FY 86	100
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Sanitary Wares)

Project Officer: Lowe, James

2. Purpose of Research (Not to exceed 3 typed line):

A. To develop process for manufacturing ceramic sanitary wares from local clays

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Research terminated

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 13

B. Planned: 13

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 8
FY 86 -
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	FN 90	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Scientific Research Council
Agency Type	FM 20
FY 85	100
FY 86	-
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Export Marketing)

Project Officer: McLeod, Michael

2. Purpose of Research (Not to exceed 3 typed line):

A. To determine cost/requirements for establishment of a permanent marketing and research dept. in the Jamaica Exporters Association

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Proposal developed and submitted to USAID for financing. Findings incorporated into larger export promotion study.

B.

C.

D.

4. Date Progress Statement Submitted:

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 27

B. Planned: 27

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 12
FY 86 -
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	RH 10	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Jamaica Exporters Association
Agency Type	FM 40
FY 85	100
FY 86	-
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech Cons. & Trng. (Tourism Devel.)

Project Officer: Penner, Talbot

2. Purpose of Research (Not to exceed 3 typed line):

A. To develop a data processing system to serve the needs of the Jamaican tourist industry

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Systems have been developed, and are in place to collect and analyze data

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 29

B. Planned: 29

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 22
FY 86 7
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	RH 10	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Jamaica Hotel and Tourist Association
Agency Type	FM 30
FY 85	100
FY 86	100
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OPED

Project Title: Tech. Cons. & Trng. (Tourism)

Project Officer: Penner, Talbot

2. Purpose of Research (Not to exceed 3 typed line):

A. To assess contribution of international tourism to Jamaican economy

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Final report submitted, September, 1985

B.

C.

D.

4. Date Progress Statement Submitted: 5/21/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 40

B. Planned: 40

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 40
FY 86 -
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	RH 10	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		-			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	World Tourism Organization
Agency Type	FM 30
FY 85	100
FY 86	-
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0065

Appropriation: SD

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OEEE

Project Title: Energy Sector Assistance (Energy Cane)

Project Officer: Ahimaz, Frank J.

2. Purpose of Research (Not to exceed 3 typed line):

A. To compile agricultural data necessary to investigate the potential for using bagasse as a boiler fuel, with sugar and molasses as by-products.

B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Research underway. Preliminary agricultural research results expected in early FY 1987

B.

C.

D.

4. Date Progress Statement Submitted: 5/20/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 753

B. Planned: 753

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	693
FY 86	60
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	EN 20	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85		100			
FY 86		100			
FY 87		-			
FY 88		-			

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Agro 21
Agency Type	FM 20
FY 85	100
FY 86	100
FY 87	
FY 88	

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OEEE

Project Title: Tech. Cons. & Trng. (Solar Kilns)

Project Officer: Ahimaz, Frank J.

2. Purpose of Research (Not to exceed 3 typed line):

- A. To determine the moisture drying cycle for different varieties of wood available in Jamaica, through solar drying. Initial grant of \$6,000 provided to parastatal Scientific Research Council in FY 1984.
- B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

A. Research underway.

B.

C.

D.

4. Date Progress Statement Submitted: 5/20/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 8

B. Planned: 8

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85 -
FY 86 2
FY 87 -
FY 88 -

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	EN 20	#2	#3	#4
FY 85	-	-	-	-	-
FY 86	100	-	-	-	-
FY 87	-	-	-	-	-
FY 88	-	-	-	-	-

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85	-	-	-	-	-
FY 86	100	-	-	-	-
FY 87	-	-	-	-	-
FY 88	-	-	-	-	-

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Ultramod Furniture, Ltd.
Agency Type	FM 30
FY 85	-
FY 86	100
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0079

Appropriation: SD

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: OEEE

Project Title: Tech. Cons. & Trng. (Energy).

Project Officer: Ahimaz, Frank J.

2. Purpose of Research (Not to exceed 3 typed line):

- A. To prepare engineering drawings, economic and financial analysis for a Lucaena fermentation plant to produce methane and hydrogen which will replace LPG (60,000 imp. gal. p/a) as fuel for local cork plant.
- B.

C.

D.

3. Progress Statement (Not to exceed 3 typed line):

- A. Research activities to begin in June, 1986.
- B.

C.

D.

4. Date Progress Statement Submitted: 5/20/86

5. Life of Project Research Cost (Thousands of Dollars)

A. Authorized: 30

B. Planned: 30

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	-
FY 86	30
FY 87	-
FY 88	-

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	EN 20	#2	#3	#4
FY 85	-				
FY 86	100				
FY 87	-				
FY 88	-				

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	532	#2	#3	#4
FY 85	-				
FY 86	100				
FY 87	-				
FY 88	-				

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Desnoes and Geddes
Agency Type	FM 30
FY 85	-
FY 86	100
FY 87	-
FY 88	-

Note: Use continuation sheet for additional agencies.

Agency System on Research

1. Project Number: 532-0126

Appropriation: EH

Circle Loan or Grant

Type Research: (Circle A, B, D or I):

A - Applied: B - Basic: D - Development: I - Instit. Bldg.

Office Name: USAID/Jamaica

Office Symbol: EHRD

Project Title: Primary Education Assistance

Project Officer: Burton, Joyce

2. Purpose of Research (Not to exceed 3 typed line):

- A. To conduct policy studies on issues relevant to primary education in Jamaica, including: utilization and development of textbooks, illiteracy, attendance,
- B. teacher attrition, and community participation in school maintenance and improvement programs.
- C.
- D.

3. Progress Statement (Not to exceed 3 typed line):

- A. Project authorized and underway. Textbooks to be distributed in September, and Host country contract will be awarded in FY 1987 for technical assistance in
- B. implementation of maintenance program.
- C.
- D.

4. Date Progress Statement Submitted: 5/16/86

5. Life of Project Research Cost (Thousands of Dollars)

- A. Authorized: 300
- B. Planned: 300

Allocation of Research Funds by Fiscal Year

6. Research Budget by Fiscal Year (Thousands of Dollars)

FY 85	-
FY 86	-
FY 87	200
FY 88	100

7. Research Categories (Percentage of Item 6, Budget by FY)

Category	#1	EH 90	#2	#3	#4
FY 85		-			
FY 86		-			
FY 87		200			
FY 88		100			

NOTE: Use continuation sheet for additional codes.

8. Project Sites (Percentage of Item 6, Budget by FY)

Geographic Code	#1	#2	#3	#4
FY 85	532			
FY 86				
FY 87		100		
FY 88		100		

NOTE: Use continuation sheet for additional codes.

9. Implementing Agencies and Type of Agency (Percentage of Item 6, Budget by FY)

Agency	Ministry of Education
Agency Type	FM 20
FY 85	-
FY 86	-
FY 87	100
FY 88	100

Note: Use continuation sheet for additional agencies.

MORTGAGE: ACTIVE DA PROJECTS

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<u>Project Title/No.</u>		<u>L/G</u>	<u>Acct</u>	<u>9/30/85</u>	<u>9/30/86</u>
Crop Divers./Irrig.	0123	G	FN	11800	7800
		L	FN	200	200
Ag. Research	0128	G	FN	-	7100
Pop./Fam. Plng. Serv.	0069	G	PN	4000	3000
Health Mgt. Improv.	0064	G	HE	2000	-
Basic Skills Trng.	0083	G	EH	2150	1750
Board of Revenue Asst.	0095	G	EH	3000	2000
		G	SD	3000	1500
Primary Educ. Asst.	0126	G	EH	8300	7050
Vol. Sect. Dev.	0085	G	EH	221	-
Brothers' Brother - OPG	0106	G	EH	400	200
Coop. Dev./Trng. - OPG	0180	G	EH	220	-
Low Cost Shelter Dev.	0067	G	SD	1400	1000
Tech. Cons, & Trng. Grant	0079	G	SD	9000	6000
Private Dev. Bank	0091	G	SD	300	300
		L	SD	7500	7500
Inner Kingston Dev.	0120	G	SD	-	8050
		L	SD	-	-
Inner Kingston Empl. - OPG	0141	G	SD	75	-
TOTALS				53566	53450