

571

BRITISH GULIANA.

1 9 6 2

D E V E L O P M E N T E S T I M A T E S

AS PRESENTED TO THE

L E G I S L A T I V E A S S E M B L I Y

ABSTRACT OF REVENUE

Head No.	Source of Funds	Estimate 1962
		\$
1.	Colonial Development & Welfare Assistance ..	6,406,856
2.	Other Sources - Loans, Revenue Contribution, etc. ..	25,211,110
	TOTAL ..	31,617,966

ABSTRACT OF THE ESTIMATES OF DEVELOPMENT EXPENDITURE
1962

Head	Head of Estimate	Total Expenditure 1954-1959	Expenditure 1960	Allocation 1960-1964	Estimate 1961		Estimate 1962
					Approved	Revised	
		\$	\$	\$	\$	\$	\$
I	Agriculture ..	4,589,099	671,782	4,460,600	1,346,276	1,058,100	1,230,217
II	Civil Aviation ..	282,083	39,008	1,686,031	314,000	132,452	339,000
III	Drainage & Irrigation ..	25,605,309	5,079,171	29,364,345	6,046,550	4,912,000	8,013,783
IV	Education ..	1,783,400	398,386	4,100,000	1,032,638	923,993	1,744,231
V	Industry & Credits ..	10,007,624	717,866	13,000,000	1,250,000	2,778,000	2,000,000
VI	Geological Surveys ..	1,730,353	560,605	2,000,000	517,133	505,728	550,338
VII	Health ..	772,975	322,099	1,319,960	426,000	536,605	444,605
VIII	Housing ..	15,595,414	582,373	5,000,000	1,000,000	1,000,001	1,938,794
IX	Lands & Mines ..	838,306	167,103	800,000	160,000	160,000	160,000
X	Land Development ..	2,774,151	377,645	6,749,400	1,242,474	557,813	1,029,000
XI	Post Office ..	7,632,956	1,029,328	2,296,339	1,050,000	323,846	300,000
XII	Public Works ..	16,568,333	3,133,937	26,143,770	5,683,720	6,547,949	8,322,968
XIII	Transport & Harbours ..	10,663,454	1,525,055	8,111,270	2,141,000	1,341,000	3,048,106
XIV	Miscellaneous ..	3,084,037	73,796	190,285	61,510	8,136	33,136
XV	Rural Self-Help ..	421,432	65,285	750,000	100,000	90,242	100,000
XVI	Social Welfare ..	68,659	8,612	750,000	101,747	76,600	105,000
XVII	Local Government ..	178,667	38,122	500,000	150,000	50,000	100,000
XVIII	Amerindian Development ..	81,575	92,527	508,000	247,000	174,900	178,088
XIX	Tourism ..	-	4,111	225,000	45,000	45,000	100,000
XX	Electricity Development..	481,330	102,715	2,000,000	1,000,000	746,685	1,800,600
XXI	Forests ..	632,779	12,111	550,000	100	-	80,100
	TOTAL ..	103,791,936	15,800,867	110,505,000	23,915,148	21,969,050	31,617,966

HEAD I - AGRICULTURE
DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
1. Cocoa Development (D.4457) ..	\$ 313,141	\$ (a) 686,232	\$ 106,398	\$ 92,700	\$ 72,750	\$ 80,250	\$ 153,000
2. St. Ignatius Livestock Station (D.4332)	385,377	502,000	110,622	58,600	44,691	97,342	142,033
3. Ebini Livestock Station (R.1133) ..	313,778	450,000	68,637	97,500	17,820	111,019	128,839
4. Staff Training (D.4623) ..	146,013	225,000	47,082	46,200	9,491	47,747	57,238
5. Soil Surveys (R.1229/D.4622) ..	} 309,017 }	} 668,600 }	} 105,082 }	} 210,000 }	31,406	5,542	36,948
6. Soil Surveys - U.N. Special Fund Project					217,136	55,391	272,527
7. Rice Development	-	200,000	60,618	30,000	-	54,000	54,000
8. Coconut Industry (including Coir Manufacture) ..	45,185	140,000	41,251	30,320	-	50,000	50,000
9. Dairy Industry	-	100,000	-	3,000	-	20,000	20,000
10. Fisheries (D.2555A) ..	261,773	113,000	54,840	40,200	9,810	1,090	10,900
11. Training Centre, Mon Repos ..	-	180,000	206	-	-	40,508	40,508
12. Additional Staff	-	160,000	4,840	10,350	-	103,176	103,176
13. Bonuses to Producers	-	210,300	4,665	33,650	-	60,000	60,000
14. Central Agricultural Station ..	1,115,683	190,000	26,592	62,250	-	79,700	79,700
15. Hosororo Experiment Station (D.2319&A)	45,763	140,000	34,963	14,330	10,213	1,135	11,348
16. Biological Research Institute Agricultural Laboratories, Central Agricultural Station (D.4247/R.1152)	-	347,468	7,318	329,000	-	10,000	10,000
Produce Depot	60,458	148,000	4,162	-	-	-	-
Total other 1954-1959 & 1960 Expenditure..	2,996,188 (c) 1,592,911	4,460,600	677,276 Cr. 5,494	1,058,100	413,317	816,900	1,230,217
TOTAL ..	4,589,099	4,460,600	671,782	1,058,100	413,317	816,900	1,230,217

/NOTES ...

NOTES

6. Provision for the portion of the cost of the United Nations Special Fund Soil Survey Project to be borne by this Government.
8. To meet the increased demand for coconut seedlings.
9. For the purchase of bulls from the United States of America to improve breed of cattle.

(a) Reduced to provide additional allocations for:-

Central Agricultural Station (Subhead 13)	..	\$ 54,300
Agricultural Laboratories, Central Agricultural Station	..	59,468
		<u>\$113,768</u>

(b) This includes the amount of \$132,000 allocated to Beef Industry.

(c) Other Expenditure

	<u>1954-1959</u>	<u>1960</u>
Citrus Nurseries	\$ 7,387	
Sugar Cane Disease Research	18,849	
Ham and Bacon Plant	16,943	
Farm Youth Training	60,731	
Information Division	31,111	
Fish Market & Processing Centre	169,037	
Eastern Caribbean Farm Institute	49,902	
Milk Pasteurisation Plant	423,590	
Abattoir & Refrigeration Plant	88,522	
Jute Investigations	524,888	\$ 5,494 Cr.
Cotton Investigations	72,068	
Plantation Lima	14,907	
Anna Regina	10,459	
Training in Bacteriology	264	
Training of Browman at I.C.T.A.	626	
Padi Bug Investigations	5,382	
Central & Processing Depots	1,803	
Botanical Surveys -- Intermediate and Interior Savannahs	7,531	
Employment of a Soil Scientist	88,911	
	<u>\$ 1,592,911</u>	<u>\$ 5,494 Cr.</u>

16. P Provision for grant towards establishment of a Biological Research Institute. To be met from the allocation under Subhead 12.

HEAD I - AGRICULTURE

Subhead 1: Cocoa Development
(D.4457)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
(a) Propagators, Clerks and Driver ..	9,682	13,500	14,500	1,000	
Total Personal Emoluments	9,682	13,500	14,500	1,000	
Other Charges					
2. Wages	36,340	45,000	45,000		
3. Planting materials, equipment and pest control ..	21,293	15,000	21,500	6,500	
4. Transport, Travelling and Subsistence ..	3,485	6,000	6,000	-	
5. Maintenance of Vehicles, Buildings & Equipment ..	2,454	5,000	9,000	4,000	
6. Contingencies ..	1,201	6,000	4,000		2,000
Total Other Charges ..	64,773	77,000	85,500	8,500	
Capital					
7. Erection of Glass Houses and Bins	21,696	43,000	43,000		
8. Water Supply & Spray Bed ..	6,506	7,000	1,000		6,000
9. Storeroom	-	5,000	1,500		3,500
10. Establishment of new nurseries ..	8,384	5,000	5,000		
11. Contingencies ..	-	2,500	2,500		
Purchase of Truck ..	-	7,000	-		7,000
Total Capital ..	36,586	69,500	53,000		16,500
Total ..	111,041	160,000	153,000		7,000
Credit - Sale of Produce ..	4,643				
TOTAL ..	106,398	160,000	153,000		7,000

Notes

Colonial Development and Welfare Scheme D.4457 which expires on 31.3.62 provides 90% grant towards capital expenditure and 25% towards recurrent expenditure. Receipts are to go 25% to C.D.& W. funds and 75% to local funds.

1(a). Provision for 6 Propagators, 1 Clerk and 2 Drivers. Increases due to revised wage rates.

HEAD I - AGRICULTURE

Subhead 2: St. Ignatius Livestock Station
(D.4332)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. Agricultural Officer A3	4,918	5,220	5,400	180	
b. Veterinary Officer A3	6,279	6,580	6,720	140	
c. Farm Manager A12	3,840	3,840	3,840		
d. Other Staff ..	9,109	11,230	8,328		2,902
e. Station Allowances ..	1,557	2,520	3,120	600	
f. Gratuity ..	-	2,750	1,125	-	1,625
Total Personal Emoluments	25,703	32,140	28,533		3,607
Other Charges					
2. Wages ..	12,853	12,000	17,000	5,000	
3. Station Supplies, Mineral Supplements, Feeds ..	7,825	10,000	12,000	2,000	
4. Fertilisers and Seeds ..	5,105	5,000	12,000	7,000	
5. Maintenance & Running of Vehicles ..	7,847	8,000	10,000	2,000	
6. Transport & Travelling ..	3,734	2,000	2,000	-	
7. Contingencies ..	1,856	1,590	1,500		90
8. Passages ..	-	2,500	2,500		
Total Other Charges ..	39,220	41,090	57,000	15,910	
Capital					
9. House, Furniture & Equipment	7,616	2,000	4,000	2,000	
10. Fencing ..	12,072	2,000	2,000		
11. Purchase of Livestock ..	32,880	-	49,500	49,500	
12. Contingencies ..	893	1,000	1,000		
Land Rover ..	3,981				
Total Capital ..	57,442	5,000	56,500	51,500	
Total ..	122,365	78,230	142,033	63,803	
Credit - Sale of Produce ..	11,743				
TOTAL ..	110,622	78,230	142,033	63,803	

NOTES

2. Increase due to revised wage rates. Provision included for an additional tractor driver.
11. For purchase of Santa Gertrudis and Brahman bulls, 20 mares, 6 working horses, one Arab stallion and rams.

HEAD I - AGRICULTURE

Subhead 3: Ebini Livestock Station
(R.1133)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. Research Officer:					
i. Salary & Allowances	8,339	8,640	8,820	180	
ii. Superannuation ..	1,865	2,050	2,050		
b. Farm Manager A7	4,025	3,924	4,008	84	
c. Grade I Technical Assistant A14	2,477	2,642	2,741	99	
d. Station Allowances ..	450	720	720		
Total Personal Emoluments	17,156	17,976	18,339	363	
Other Charges					
2. Wages	23,791	25,000	32,000	7,000	
3. Station Supplies ..	5,178	5,000	7,000	2,000	
4. Mineral Supplements, Feeds, etc.	2,895	4,500	4,500		
5. Fertiliser and Seeds ..	19,602	20,000	35,000	15,000	
6. Maintenance & Running of tractors & vehicles ..	4,463	4,000	6,000	2,000	
7. Transport, Travelling and Subsistence ..	1,302	3,000	3,000		
8. Contingencies ..	133	524	1,000	476	
Passages	1,250	2,500	-	-	2,500
Total Other Charges ..	58,614	64,524	88,500	23,976	
Capital					
9. Electricity & Water Supply	-	13,000	5,500	-	7,500
10. Radio Communication ..	-	6,000	-	-	6,000
11. Equipment	1,846	1,000	15,500	14,500	
12. Contingencies	-	1,000	1,000		
Land Rover	3,135				
Weighbridge	2,885				
Total Capital ..	7,866	21,000	22,000	1,000	
Total ..	83,636	103,500	128,839	25,339	
Credit - Sale of Produce..	14,998				
TOTAL ..	68,638	103,500	128,839	25,339	

Notes

2. Increased wage rates. 5. For fertilising 1,400 acres of pasture.
11. For the purchase of -
- | | | |
|-----------------------------------|----|---------|
| 1 heavy wheeled tractor and blade | .. | \$8,000 |
| Disco harrows | .. | 600 |
| Land plane | .. | 2,500 |
| Fertiliser distributor | .. | 1,200 |
| 1 Mower | .. | 2,000 |
| Arc welding equipment etc. | .. | 1,200 |

HEAD I - AGRICULTURE

Subhead 4: Staff Training
(D.4623)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Administrative Charges ..	21,800	21,840	26,250	4,410	
2. Maintenance Charges ..	13,988	11,760	14,000	2,240	
3. Allowances ..	8,703	8,800	9,100	300	
4. Dependents' Allowances ..	364	1,950	2,068	118	
5. Passages ..	1,529	2,440	2,550	110	
6. Contingencies ..	698	2,910	3,270	360	
TOTAL ..	47,082	49,700	57,238	7,538	

NOTES

Provision is made for recruiting 9 students in 1962. Colonial Development and Welfare Scheme D.4623 expires on 31.3.62.

1 and 2. Increased charges at the Eastern Caribbean Farm Institute.

HEAD I - AGRICULTURE

Subhead 5: Soil Surveys
Soil and Land Use Surveys

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. Agronomists					
i. Salaries & Allowances		10,840	5,420		5,420
ii. Superannuation and Gratuity ..		3,000	1,220		1,780
b. Foreman and Stockman ..		2,208	2,208		
c. Station & Field Allowances		2,520	1,200		1,320
Total Personal Emoluments	33,434	18,568	10,048		8,520
Other Charges					
2. Wages ..	28,168	7,000	5,000		2,000
3. Travelling expenses and subsistence	10,464	1,200	1,200		
4. Supplies	10,413	6,000	4,000		2,000
5. Maintenance and running ex- penses of vehicles, boats and equipment ..	3,767	1,600	1,200		400
6. Contingencies	1,767	3,000	2,000		1,000
Passages	1,408	5,000	-		5,000
Preparation of Maps & Reports	194				
Total Other Charges ..	56,181	23,800	13,400		10,400
Capital					
7. Houses, Furniture, Buildings and Equipment ..	3,247	24,000	11,500		12,500
8. Roads and Bridges ..	-	3,000	1,000		2,000
9. Contingencies	940	-	1,000	1,000	
Vehicles, Boats & Engines..	7,966				
Total Capital ..	12,153	27,000	13,500		13,500
TOTAL ..	101,768	69,368	36,948		32,420

NOTE

7. Includes provision for a poultry breeding station (\$3,000), one fertiliser distributor, one hammer mill for grinding corn and a new trailer for tractor (\$2,000); windmills and pumps (\$2,000).

HEAD I - AGRICULTURE

Subhead 6: Soil Surveys

United Nations Special Fund Project.

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
a. Co-Manager (Chemist, Recurrent Estimates) ..					
b. Soil Chemist ..		6,720	6,720		
c. Soil Survey Officer (Soil Surveyor, Recurrent Estimates) ..		-	-		
d. Senior Technical Assistant..		3,000	3,840	840	
e. (i) 8 Soil Survey Assistants (ii) 2 Soil Management Assistants (iii) 4 Soil Laboratory Assistants		20,000	20,300	300	
f. Cartographer ..		3,840	3,128		712
g. 2 Draughtsmen ..		4,000	4,000		
h. (i) 6 Vehicle Drivers (ii) 1 Mechanic		5,000	5,000		
i. Labourers' Wages ..		18,976	110,000	91,024	
j. Administrative Officer ..		4,000	4,512	512	
k. Accountant ..		2,800	2,800		
l. Clerk ..		2,800	1,052		1,748
m. Secretary ..		2,800	2,800		
n. Stenotypist ..		2,000	1,877		123
o. Storekeeper ..		2,000	2,292	292	
p. Allowances to local counterpart personnel ..		6,401	18,000	11,599	
Total Personal Emoluments ..		84,337	186,321	101,984	
Other Charges					
2. Laboratory Supplies ..		1,000	2,000	1,000	
3. Medical Supplies ..		801	801		
4. Stationery & Office Supplies..		1,000	2,000	1,000	
5. Maintenance and Operation of Vehicles, Boats and other Equipment ..		6,000	25,000	19,000	
6. Aerial Photographs & Base Maps		3,000	5,000	2,000	
7. Hire of Aircraft & Helicopter		3,999	9,000	5,001	
8. Other Supplies ..		2,522	10,000	7,478	
9. Contribution to Local Facilities	3,315	27,973	32,405	4,432	
Total Other Charges ..	3,315	46,295	86,206	39,911	
TOTAL ..	3,315	130,632	272,527	141,895	

NOTE

The total estimated cost of the project is \$1,584,400 of which \$750,720 is to be borne by Government. Increases due to accelerated progress of work which is now scheduled to be completed in 1963.

HEAD I - AGRICULTURE

Subhead 7: Rice Development

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Rice Development ..	60,618	30,000	54,000	24,000	

NOTES

Provision made for the following works and equipment:-

Bond Site (Lesbeholden-Mibikuri)

(a) Fencing of Site ..	\$ 7,500	
(b) Roadway ..	4,500	
(c) Extension of drying floor ..	2,500	
(d) Shed for Paddy cleaner and Plantector Unit ..	<u>3,000</u>	\$17,500

Equipment

(a) Plantector Unit ..	\$ 4,500	
(b) Stacking elevator ..	<u>8,000</u>	\$12,500

Storage Bonds

(a) Onverwagt W.C. Berbice ..	\$ 8,000	
(b) Mahaicony/Canje ..	8,000	
(c) West Demerara (Hague) ..	<u>8,000</u>	\$24,000

Total	<u>\$54,000</u>
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HEAD I - AGRICULTURE

Subhead 8: Coconut Industry

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Recording & Other Staff ..	2,781	3,500	4,000	500	
2. Transport & Travelling ..	6,199	3,500	4,000	500	
3. Wages	12,212	8,000	15,000	7,000	
4. Purchase of Nuts ..	20,229	15,000	21,000	6,000	
5. Contingencies ..	694	1,000	2,000	1,000	
6. Rehabilitation, Management and Experimental Work at Cane Grove ..	-	4,000	4,000		
	42,115	35,000	50,000	15,000	
Credit - Sale of Produce ..	864				
TOTAL ..	41,251	35,000	50,000	15,000	

NOTES

3. Increase due to revised wage rates.

4. For the purchase of 300,000 nuts @ 7¢ each.

HEAD I - AGRICULTURE
Subhead 9: Dairy Industry

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Other Charges					
1. Wages		750	1,000	250	
2. Purchase of feeds etc. ..		1,000	1,000		
Contingencies ..		250	-	-	250
Total Other Charges ..		2,000	2,000		
Capital					
3. Purchase of Cattle ..		18,000	18,000		
Total Capital ..		18,000	18,000		
TOTAL ..		20,000	20,000		

NOTE

To purchase 10-12 pure bred Jersey, Holstein-Freisian and Jamaica Hope Bulls.

HEAD I - AGRICULTURE
Subhead 10: Fisheries
(D.2555A)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Trials with new gear ..	2,600	5,000	2,000		3,000
2. Rural Ice Boxes ..	8,051	35,000	8,000		27,000
3. Completion of Onverwagt Fish Station ..	26,771	-	900	900	
Prototype Fishing Boat ..	76				
Other Expenditure ..	37,498 18,467 ^(a)	40,000	10,900		29,100
Credit - Sale of Produce ..	55,965 1,125	40,000	10,900		29,100
TOTAL ..	54,840	40,000	10,900		29,100

NOTE

(a) Other Expenditure:
 Operation of Cape St. Mary .. \$ 7,827
 Care & Maintenance of Cape St. Mary .. 10,640 \$18,467
 (R.1091)

HEAD I - AGRICULTURE

Subhead 11: Training Centre, Mon Repos

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. Agricultural Assistant A8		3,408	3,408		
Total Personal Emoluments		3,408	3,408		
Other Charges					
2. Wages		492	1,000	508	
3. Transport & Travelling ..		600	600		
Total Other Charges ..		1,092	1,600	508	
Capital					
4. Buildings		60,000	20,000		40,000
5. Equipment		14,000	14,000		
6. Contingencies	206	1,500	1,500		
Total Capital	206	75,500	35,500		40,000
TOTAL	206	80,000	40,508		39,492

NOTE

The project is estimated to cost \$180,000

HEAD I - AGRICULTURE

Subhead 12: Additional Staff

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. 1 Assistant Director FL3		3,600	7,200	3,600	
b. 1 Agricultural Assistant A8		1,704	1,704		
c. 3 Field Assistants ..		6,000	6,000		
d. 2 Clerical Assistants A19		1,272	1,272		
Total Personal Emoluments ..		12,576	16,176	3,600	
Other Charges					
2. Transport, Travelling and Subsistence ..		2,000	2,000		
Total Other Charges ..		2,000	2,000		
Capital					
3. Housing	4,840	24,000	64,000	40,000	
4. Offices & Storerooms, etc.		6,000	20,500	14,500	
5. Miscellaneous & Contingencies		500	500		
Total Capital ..	4,840	30,500	85,000	54,500	
TOTAL ..	4,840	45,076	103,176	58,100	

NOTES

3. For the construction of 6 houses at Black Bush Polder, Joanna, Yakusari, Lesbeholden, Mara and Tapakuma.
4. For constructing offices and storerooms at Mibikuri, Joanna, Yakusari, Mara (Animal and Poultry housing) and Tapakuma.

HEAD I - AGRICULTURE

Subhead 14: Central Agricultural Station

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Capital					
1. Water and Electricity Supplies ..	4,910	26,000	26,000		
2. Roads and Bridges ..	3,606	6,500	6,500		
3. Equipment, Tractors, Transport and Implements ..	17,918	40,500	40,500		
4. Contingencies ..	157	6,700	6,700		
Central Laboratories, Offices, Farm Buildings, Stalls and Demonstration Units ..	7,319	(a)			
TOTAL ..	33,910	79,700	79,700		

NOTES

3. For the purchase of one Manure Spreader (\$3,000); one Incubator (\$3,000); one Combine Harvester (\$23,000); one Dinkum Digger (\$3,000); one Hydraulic Press (\$2,000); windmill and overhead tanks (\$2,000); one hammer mill (\$750); and one Ferguson 45 Tractor (\$3,750).

(a) Separate provision was made for Agricultural Laboratories, Central Agricultural Station under Subhead 14: in the 1961 Estimates.

HEAD I - AGRICULTURE

Subhead 15: Hosororo Experiment Station

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. Agricultural Officer ..	4,018	2,752	4,308	1,556	
Gratuity ..		3,500	-	-	3,500
b. Station Allowance ..			240	240	
Total Personal Emoluments ..	4,018	6,252	4,548		1,704
Other Charges					
2. Transport, Travelling and Subsistence ..	374	100	300	200	
3. Supplies ..	-	-	2,500	2,500	
4. Contingencies ..	56	-	500	500	
Passages ..	-	1,250	-	-	1,250
Total Other Charges ..	430	1,350	3,300	1,950	
Capital					
5. Clearing Land and Crop Establishment ..	12,202	5,000	3,000		2,000
6. Fencing ..	357	-	500	500	
Electricity & Water Supply ..	-	5,000	-	-	5,000
Buildings ..	16,705				
Equipment ..	3,319				
Contingencies ..	915				
Total Capital ..	33,498	10,000	3,500		6,500
Credit - Sale of Produce ..	37,946	17,602	11,348		6,254
	2,983				
TOTAL ..	34,963	17,602	11,348		6,254

NOTES

Colonial Development and Welfare Schemes D.2319 & A expired on 31st December, 1961 but an extension has been sought.

5. Provision for the clearing of land for the expansion of citrus, cacao and coffee.

HEAD II - CIVIL AVIATION
DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Improvement of Interior Communications	164,849	170,000 (b)	15,257	25,000	-	123,000	123,000
2. Purchase of Aircraft	63,701	436,299	-	82,452	-	150,000	150,000
3. Aeronautical Telecommunications and Navigational Aids	44,266	(b) 149,732	19,758	25,000	-	66,000	66,000
Georgetown Airport	-	(a) 930,000	3,993				
Safety & Navigational Aids	9,267						
TOTAL	282,083	1,686,031	39,008	132,452	-	339,000	339,000

NOTES

2. For the purchase of a twin-engine aircraft with spares.
3. Provision for the installation of (i) two Non-Directional Beacons at Kamarang and Mackenzie (\$31,000) and (ii) ten radio transmitter/receivers at important aerodromes in the Interior (\$35,000).
 - (a) Allocation for Georgetown Airport reduced to cover excess on allocation for Improvement of Interior Communications.
 - (b) Allocations reduced by 1959 expenditure.

HEAD II - CIVIL AVIATION

Subhead 1: Improvement of Interior Communications

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Construction of Aerodromes (Interior) ..			100,000	100,000	
2. Extension of Wichabai Airstrip ..		25,000	8,000		17,000
3. Terminal Buildings ..			15,000	15,000	
Kamarang Airstrip ..					
Lethem/Wichabai Road ..					
Kaieteur Airstrip Survey ..		80,000	-		80,000
TOTAL ..	15,257	105,000	123,000	18,000	

NOTES

1. Provision for the construction of an aerodrome at Kaieteur.
2. For the completion of this project.
3. For the construction of 3 buildings.

HEAD III - DRAINAGE & IRRIGATION

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
1. Corentyne Scheme - Black Bush Polder ..	\$ 9,633,585	\$ 6,268,000	\$ 3,518,294	\$ 1,500,000	\$ -	\$ 1,237,000	\$ 1,237,000
2. Boerasirie Project - Main Works ..	9,811,462	510,000 ^(a)	446,133	40,000	-	10,000	10,000
3. Boerasirie Project - Subsidiary Works..	-	2,258,000	-	45,000	-	50,000	50,000
4. Rapakuma Project (D.4635 & A) ..	358,949	11,000,000	99,832	2,200,000	2,097,500	2,777,500	4,875,000
5. Miscellaneous Works & Equipment (D.2828B/D.4344) ..	1,839,939	5,890,000	465,994	650,000	101,381	398,619	500,000
6. Detailed Topographic Surveys for Project Works ..	549,986	1,200,000	189,278	217,000	-	112,000	112,000
7. Hydrological Surveys ..	433,940	700,000	137,933	100,000	-	125,700	125,700
8. Land of Canaan Relief (D.3974) ..	-	610,000	-	110,000	175,000	175,000	350,000
9. Canje Project Investigations ..	-	-	-	-	-	324,083	324,083
10. Black Bush/Canje Grazing Area (D.4876)	-	(b)	-	-	212,500	37,500	250,000
11. Jackson/Moleson Creek Polder ..	-	(b)	-	-	153,000	27,000	180,000
Mahaica-Mahaicony-Abary Project (Stage I - Abary Control) ..	-	928,345 ^(d)	-	50,000	-	-	-
Total other 1954-1959 & 1960 Expenditure ..	22,627,861 (d) 2,977,448	29,364,345	4,857,464 (c) 221,707	4,912,000	2,739,381	5,274,402	8,013,783
TOTAL ..	25,605,309	29,364,345	5,079,171	4,912,000	2,739,381	5,274,402	8,013,783

NOTES

1. To complete work. Provision of \$362,000 is also included for the construction of a lock at the junction of the Black Bush main canal and the Canje River.
2. Revote to complete work.
4. Colonial Development & Welfare Scheme D.4635&A provides 50% grant assistance towards the cost of the scheme up to \$11,796,000.
 - (a) Allocation reduced by \$462,000 to provide for increased allocations under Subhead 1.
 - (c) Further reduced to provide additional allocation for Parika-Bartica Road (Head XII, Subhead 1) - \$1,440,000 and also allocation for Skeldon Hospital (Head VII - Health, Subhead 10) - \$53,000.
 - (d) Other Expenditure

	<u>1954-1959</u>	<u>1960</u>
	\$	\$
Torani Irrigation Canal & Block III ..	2,111,466	221,707
Rosehall Village District Permanent Drainage System ..	218,579	
Reconditioning Drainage - North Pouderoyen	92,993	
Agriculture Machinery Hire Pool ..	483,953	
Ground Surveys for Hydro-electric Development ..	254	
Purchase of Plant & Equipment ..	74,497	
Technical Assistance ..	12,178	
Bonasika Irrigation Scheme ..	16,472 Cr.	
	<u>\$ 2,977,448</u>	<u>\$ 221,707</u>
8. Colonial Development and Welfare Scheme D.3974 provides 50% grant assistance towards the cost of this project up to \$609,994.
10. The estimated cost of the scheme is \$509,280 of which C.D. & W. Scheme D.4876 covers 85%.
11. An application has been made for C.D. & W. assistance to cover 85% of the cost of the scheme.
 - (b) To be met from the allocation of \$5,890,000 under Subhead 5.

HEAD III - DRAINAGE AND IRRIGATION

Sub-head 1. Corentyne Scheme, Black Bush Polder

Details of Expenditure	Actual Expenditure	Approved Estimate	Estimate	Increase	Decrease
1. General	546,732	50,000	250,000	200,000	
2. Main Drainage Sluices	-	6,000	1	-	5,999
3. Drainage Works	699,448	118,000	1	-	117,999
4. Irrigation Works	707,905	55,000	1	-	54,999
5. Main and Branch Canals	-	18,000	1	-	17,999
6. Pumping Station and Auxiliary Works	58,024	41,000	1	-	40,999
7. Roads	505,442	680,000	1	-	679,999
8. Bridges	455,003	12,000	1	-	11,999
9. Contingencies, Dayworks Plant Advances	293,738	400,000	584,993	184,993	
10. Engineering and Supervision	252,002	120,000	40,000	-	80,000
11. Construction of a Lock on Canje River	-	-	362,000	362,000	
TOTAL	3,518,294	1,500,000	1,237,000		263,000

NOTES

1. Retention fees for Contractor.
2. - 8. Token amounts.
9. Includes sum of \$533,000 for take over of contractor's plant.
11. New item to provide for transportation of rice by water.

HEAD III - DRAINAGE AND IRRIGATION

Subhead 4: Tapakuma Project (D.4635 & A)

575

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. General			421,000		
2. Tapakuma North Embankment			280,000		
3. Tapakuma River Dam			100,000		
4. Pumping Station and Relief Sluices			450,000		
5. Stop-off and Outlet - Tapakuma Lake			90,000		
6. Capoey Lake -- Dam and Outlet			30,000		
7. Red Lock Water path			50,000		
8. Main Canal			70,000		
9. Main Canal - Headworks			110,000		
10. Coffee Grove/Paradise Distributary			63,000		
11. Coffee Grove/Paradise Headworks			61,000		
12. Sea Sluices			200,000		
13. Bridges and culverts			500,000		
14. Internal D. & I. Works - Frontlands			800,000		
15. Dayworks and Contingencies			630,000		
16. Plant			680,000		
17. Engineering & Supervision			340,000		
TOTAL	99,832	2,750,000	4,875,000	2,125,000	

NOTES

1. Includes provision of \$60,000 for payment of compensation for land acquisitions and \$1,000 for operating and maintenance prior to handing over.
16. Amount will be met wholly from local funds.

HEAD III - DRAINAGE AND IRRIGATION

Subhead 5: Miscellaneous Works and Equipment

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Reconditioning Replacement and Improvement Works in Established Areas.					
<u>East Berbice</u>					
1. Manaribisi Cattle Pasture Improvements (10,000 acres)	187 Cr.	2,000	2,000		
• Improvement Works Lancaster/Manchester	30,906	5,000	-	-	5,000
Rosehall Village District Drainage Works	10,000	10,000	-	-	10,000
2. Reconditioning Torani Canal	-	80,000	12,000		68,000
<u>East Demerara and West Berbice</u>					
3. Improvement Works Mahaicony/Abary	11,231	60,000	25,000	-	35,000
4. Reconditioning and Improvement Works at Cane Grove	-	40,000	60,000	20,000	
Reclamation of Young Empolder at Buxton/Friendship	36,004	3,000	-	-	3,000
5. Spares for District Pumping Stations	5,119	11,500	12,000	500	
6. Improvement Works, Craig	586	4,000	2,000	-	2,000
7. Replacing Buxton Sea Sluice	-	-	55,000	55,000	
<u>West Demerara</u>					
Improvement Works at La Jalousie and Windsor Forest	5,720	5,000	-	-	5,000
8. Independent Irrigation System for La Grange	-	60,000	20,000	-	40,000
Mobile Irrigation Pump in Pontoon for La Grange	-	17,000	-	-	17,000
9. Internal Drainage and Irrigation Works, Canals Polder	3,143	30,000	10,000	-	20,000
10. Reconditioning Works, Nismes	-	-	15,400	15,400	-
<u>Essequibo</u>					
Improvement of Anna Regina Water-path and Outfall	6,405	6,000	-	-	6,000
Improving Irrigation Supply - Annandale	-	5,000	-	-	5,000
11. Reconditioning and Improvement Works Vergenoegen Area	-	45,000	10,000	-	35,000
12. Reconditioning and Improvement to Subsidiary Works, Anna Regina	-	40,000	28,000	-	12,000
13. Providing Koker Runs for Three Friends Sluices	-	25,000	20,000	-	5,000

HEAD III - DRAINAGE AND IRRIGATION

Subhead 5: Miscellaneous Works and Equipment (Contd.)

	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
<u>Minor Drainage and Irrigation</u>					
<u>East Berbice</u>					
Drainage Works, Fyrish	12,117	1,000	-	-	1,000
14. Sluice and Drain for Port Mourant United Co-operative Land Development Scheme	-	-	42,150	42,150	
<u>East Demerara and West Berbice</u>					
15. Irrigation Facilities - Park/Abary	16,684	55,000	20,000	-	35,000
16. Development of Kabawer Lands	-	-	15,000	15,000	
<u>West Demerara</u>					
D. & I. Works - La Retraite	41,791	5,000	-	-	5,000
17 Drainage & Irrigation - Den Amstel	72,010	20,000	19,000	-	1,000
<u>Essequibo</u>					
10. Irrigation Works - Charity	19,389	45,000	19,000	-	26,000
19. D. & I. Works -Bounty Hall Backlands	-	-	4,400	4,400	
<u>General</u>					
20. Workshop Equipment and Construction Plant and Equipment	18,405	25,500	60,000	34,500	
21. Reserve of Works to be decided	104,499	300,000	49,050	-	250,950
Other Expenditure	393,822 72,172 ^(a)	1,000,000	500,000	-	
TOTAL	465,994	1,000,000	500,000	-	00,000

NOTES

1 - 6, 8 - 13, 14 - 19: For continuation of works in progress at the end of 1961. 1 - 3, 6, 8, 11, 13 - 18, constitute revotes.

(a) Other Expenditure:	<u>1960</u>
	0
Replacing Gibraltar Sea Sluice	13,905
Replacing Park Sluice	19,107
Drainage - North Pouderoyen	2,406
Columbia/Affiance, Essequibo Drains	796
Improving Richmond/Sparta Waterpath	3,983
Improving Lima North Drain	5,975
Vergenoegen/Donasika - Maintenance and operation Charges for Crown Lands	26,000
	<hr/>
	\$72,172
	<hr/>

HEAD III - DRAINAGE AND IRRIGATION

Sub-head 6. Detailed Topographic Surveys

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
A. Mahaica/Berbice Surveys					
1. Personal Emoluments	14,660	15,750	30,000	14,250	
Total Personal Emoluments	14,660	15,750	30,000	14,250	
Other Charges:					
2. Travelling and Subsistence	12,277	6,700	7,000	300	
3. Levelling and Traversing	80,990	35,000	60,000	25,000	
4. New Supplies	2,543	3,500	5,000	1,500	
5. Contingencies	12,384	6,050	10,000	3,950	
Total Other Charges	108,194	51,250	82,000	30,750	
B. Canje River Surveys					
Travelling and Subsistence	4,246	12,000	-	-	12,000
Levelling and Traversing	50,459	116,000	-	-	116,000
New Supplies	3,966	8,000	-	-	8,000
Contingencies	7,753	13,600	-	-	13,600
Total	66,424	149,600	-	-	149,600
GRAND TOTAL	189,278	216,600	112,000	-	104,600

NOTE.

B. Provision has been made for the continuation of this scheme under Head 10. Canje Project Surveys.

HEAD III - DRAINAGE AND IRRIGATION

Sub-head 7. Hydrological Surveys

Details of Expenditure	Actual Expenditure 1960 \$	Approved Estimate 1961 \$	Estimate 1962 \$	Increase \$	Decrease \$
A. Operation and Maintenance of Gauging Stations on the Mahaica, Mahaicony and Abary Rivers.					
1. Wages	36,878	12,500	27,000	14,500	
2. Transportation	-	-	5,200	5,200	
3. Contingencies	2,521	2,200	3,500	1,300	
Allowances	4,981	300	-	-	300
Operation and Maintenance of outboard motors	3,266	4,000	-	-	4,000
Expendable Stores and Bench Marks	1,245	500	-	-	500
New Supplies and Repairs	1,860	3,000	-	-	3,000
Total A	50,751	22,500	35,700	13,200	
B. Establishment, maintenance and operation of gauging stations in the Rupununi, Kamarang Area and North West District.					
4. Wages	-	-	30,000	30,000	
5. Transportation	-	-	15,000	15,000	
6. Equipment	-	-	10,000	10,000	
7. Contingencies	-	-	5,000	5,000	
Total B	-	-	60,000	60,000	
C. Hydrological Investigations Works to be carried out by Demerara Bauxite Co.					
8. Wages	9,384	21,900	22,450	550	
9. Maintenance of Equipment	3,081	5,050	5,050		
10. Records and Stationery	46	2,500	2,500		
Erecting new station at Tiboku Falls, Mazaruni River	11,750	-			
Erecting new station at Itabu Falls, Berbice River	13,759	-			
Tapakuma Project	11,186	-			
Contingencies - Transportation	2,337	-			
Total C	51,543	29,450	30,000	550	

*Provision has been made for these works under sub-head 9. Canje Project Surveys.

HEAD III - DRAINAGE AND IRRIGATION

Sub-head 7. Hydrological Surveys
(Cont'd)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
* Operation and Maintenance of Gauging Stations on the Canje River.					
Wages	10,491	15,500	-	-	15,500
Travelling and Subsistence	2,188	5,000	-	-	5,000
Operation and Maintenance of outboard motors	592	4,000	-	-	4,000
Expendable Stores and Bench Marks	115	1,200	-	-	1,200
New Supplies and Repairs	310	3,000	-	-	3,000
Contingencies	1,376	2,800	-	-	2,800
Total	15,072	31,500	-	-	31,500
* Establishment, Operation and Maintenance of Gauging Stations on the Berbice River.					
Wages	16,027	8,500	-	-	8,500
Travelling and Subsistence	1,043	2,000	-	-	2,000
Operation and Maintenance of outboard motors	568	1,800	-	-	1,500
Expendable Stores and Bench Marks	436	1,200	-	-	1,200
New Supplies	688	1,500	-	-	1,500
Contingencies	1,805	1,500	-	-	1,500
Total	20,567	16,500	-	-	16,500
TOTAL	137,933	99,950	125,700	25,750	

* See Note on Page 26.

HEAD III - DRAINAGE AND IRRIGATION

Subhead 8. Land of Canaan Relief D. 3974

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Purchase and Clearing of land and approaches			30,000		
2. Excavation			120,000		
3. Sluice			200,000		
TOTAL		180,000	350,000	170,000	

HEAD III - DRAINAGE AND IRRIGATION

Subhead 9: Canje Project Investigations
(United Nations Special Fund Project)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
A. Canje Project Surveys					
1. Personal Emoluments					
(a) Co. Manager			(a)		
(b) 3 Surveyors			(a)		
(c) 3 Surveyor Probationers			(a)		
(d) 1 Senior Assistant Draughtsman A14			1,464	1,464	
(e) 1 Assistant Draughtsman A18			1,014	1,014	
(f) 1 Senior Clerk A12			1,800	1,800	
(g) 1 Clerical Assistant A19			900	900	
(h) Instrument Men, Hydrographers and Asst. Hydrographers			20,000	20,000	
(i) Survey Field Crew			90,000	90,000	
(j) Drivers, Messengers, Janitors			11,200	11,200	
(k) Allowance to Co-Manager			720	720	
TOTAL, Personal Emoluments			127,098	127,098	
Other Charges					
2. Travelling & Subsistence Allowances			14,040	14,040	
3. Alterations to offices in Georgetown			2,000	2,000	
4. Equipment and supplies for Main Base and Field Camps			43,860	43,860	
5. Construction of Main Base Camp Warehouse and Workshop			14,960	14,960	
6. Construction of Hydrological and Meteorological Stations			10,030	10,030	
7. Aerial Photographs, Reports and Maps			3,060	3,060	
8. Boats, Dug-outs			3,570	3,570	
9. Maintenance and operation of vehicles and boats			13,600	13,600	
10. Office Facilities & Supplies			1,530	1,530	
11. Miscellaneous			5,440	5,440	
12. Contribution for local facilities			32,895	32,895	
TOTAL, Other Charges			144,985	144,985	

HEAD III - DRAINAGE AND IRRIGATION

Subhead 9: Canje Project Investigations
(United Nations Special Fund Project)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
B. Establishment, Operation and Maintenance of Gauging Stations on Canje and Berbice Rivers.					
1. Wages			30,000	30,000	
2. Transportation			7,000	7,000	
3. Equipment			10,000	10,000	
4. Contingencies			5,000	5,000	
			52,000	52,000	
TOTAL			324,083	324,083	

NOTES.

- A. The above constitutes the share of the cost of the Project to be borne by Government in 1962.

The total estimated cost of the project is \$931,260 of which \$485,180 is to be borne by Government. The project is scheduled to be completed in 1963.

- (a) Provided in the Recurrent Estimates.

HEAD IV -- EDUCATION

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
<u>Primary Education</u>	\$	\$	\$	\$	\$	\$	\$
1. Primary School Buildings & Equipment (D.4310)	1,547,185	2,804,338	271,166	731,500	800,000	200,000	1,000,000
2. Primary School Teachers' Quarters - Black Bush Polder	-	-	-	-	-	327,000	327,000
<u>Secondary Education</u>							
3. Post Primary Schools (D.4458)	-	625,000	-	-	158,645	41,355	200,000
4. Domestic Science & Handicraft Centres (D.3624 & A & B)	-	270,000	83,911	148,858	33,508	3,723	37,231
5. Capital Grants to Secondary Schools	86,987	400,000	42,000	27,600	-	30,000	30,000
6. Extensions & Improvements to Bishops' High School	19,394	(a)	-	10,000	-	40,000	40,000
7. Extensions & Improvements to Queen's College	1,675	(a)	647	6,035	-	50,000	50,000
8. New Wing to Queen's College Building to house University College	-	(a)	-	-	-	60,000	60,000
Primary School - Sanitation	33,202	662	662				
Total other 1954-1959 Expenditure	1,688,443 94,957 (b)	4,100,000	398,386	923,993	992,153	752,078	1,744,231
TOTAL	1,783,400	4,100,000	398,386	923,993	992,153	752,078	1,744,231

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NOTES

2. For provision of 45 houses for the staff of the four primary schools to be built at To come from allocation against Subhead 1: Primary School Buildings and Equipment.
3. For erection of Secondary Grammar Technical school at Anna Regina, Essequibo. It is proposed to use the standard Primary School design. Additional expenditure on laboratories, home economics and handicraft rooms would however be necessary. Additional \$25,000 over allocation transferred from allocation against Subhead 1.
5. Revote of 1961 allocations not paid over.
6. For additional classrooms, alterations to Domestic Science Department and other accommodation requirements.
7. For 2 new laboratories.
8. To provide accommodation for Principal and Administrative Staff, Library and Common rooms for the proposed University College.

(a) To be financed from allocation against Subhead 5: Capital Grants to Secondary Schools.

		<u>1954-1959</u>
(b) <u>Other Expenditure</u>		\$
Extension to Carnegie School	..	33,072
Purchase of Land	2,800
Laboratory and Equipment - Technical Institute	..	56,836
Science Scholarships	2,249
		<u>\$ 94,957</u>

HEAD V - INDUSTRY AND CREDITS

Details of Expenditure

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Colonial Development and Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Agriculture and Housing)	10,007,624	13,000,000	500,000	1,917,000	-	1,500,000	1,500,000
2. Industrial)			217,866	394,000	-	500,000	500,000
Rice Development Company)			-		467,000		
	10,007,624	13,000,000	717,866	2,778,000	-	2,000,000	2,000,000

NOTES

1. Capital for administration by the British Guiana Credit Corporation
2. For either private enterprise finance or investment by Government.

HEAD VI - GEOLOGICAL SURVEYS

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Geological Surveys (D.4333) ..	1,655,288	2,000,000	560,051	505,728	279,339	270,999	550,338
Inter-Guiana Conference ..	2,303	-	554				
Total other 1954-1959 Expenditure	1,657,591 72,762 ^(a)	2,000,000	560,605	505,728	279,339	270,999	550,338
TOTAL ..	1,730,353	2,000,000	560,605	505,728	279,339	270,999	550,338

NOTES

1. Scheme provides 80% Colonial Development & Welfare assistance towards capital expenditure and 50% towards recurrent expenditure in 1962.

(a) Other Expenditure

	1954-1959	
	\$	
Specialist Adviser ..	9,288	
Establishment of a Diamond Drilling Branch ..	63,474	\$72,762

HEAD VI - GEOLOGICAL SURVEYS

Subhead 1: Geological Surveys
(D.4333)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
a. Director F8		8,640	3,228		5,412
b. Allowance for Director		3,360	1,256		2,104
c. Director - Supernumerary			3,240	3,240	
d. 2 Deputy Directors FL2		15,360	15,360		
e. 3 Senior Geologists FL3		21,600	21,600		
f. Chemist/Petrologist FL3		7,200	7,200		
g. 12 Geologists and Assistant Geologists A3 A7)		54,416	55,458	1,042	
h. Geophysicist/Hydrologist A3		6,514	6,720	206	
i. 2 Scientific Assistants A10		6,960	7,738	778	
j. Assayer A13		3,060	3,268	208	
k. 3 Field Observers A14		8,619	7,750		869
l. Chief Draughtsman A7		4,560	4,560		
n. (i) 1 Draughtsman A12) (ii) 1 Senior Assistant Draughtsman A14)		5,724	5,328		396
n. 3 Assistant Draughtsmen A18		3,667	4,319	652	
o. (i) 1 Technical Assistant Grade I A14) (ii) 2 Technical Assistants Grade II A18) (iii) 1 Laboratory Assistant A19)		5,847	6,073	226	
p. (i) 2 Senior Field Assistants A15		4,452	4,716	264	
(ii) 10 Field Assistants A18		13,497	13,021		476
q. Lapidary A18		2,292	2,292		
r. 1 Foreman Mechanic B4		1,662	1,806	144	
s. 4 Driver Mechanics B10		6,056	6,492	436	
t. 2 Boat Captains B5		3,192	3,480	288	
u. 1 Storekeeper and 3 Assistant Storekeepers C4)		5,184	5,598	414	
v. 2 Watchmen C6		1,812	2,004	192	
w. 1 Chief Clerk A11) 1 Senior Accounting Officer A12) 1 Secretary A14) 1 Class I Clerk A14) 1 Class II Clerk A18) 1 Clerical Assistant A19) 2 Stenographers A14 & A17) 1 Temporary Clerical Assistant)		20,572	22,762	2,190	
x. Supervisor of Library & Records A12		3,374	3,048		326
y. Gratuities		12,335	9,000		3,335
z. 2 Messengers C4		2,472	2,676	204	
aa. Labourers' Wages ..		108,742	150,000	41,258	
bb. Honorarium for Palace botanist		1,440	1,440		
Total Personal Emoluments	368,879	342,609	381,433	38,824	

HEAD VI - GEOLOGICAL SURVEYS

Subhead 1: Geological Surveys (Contd.)
(D.4333)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Other Charges					
2. Rations	27,369	21,000	28,000	7,000	
3. Subsistence & Station Allowances	25,584	20,000	27,000	7,000	
4. Travelling Expenses of Director	396	4,800	1,000		3,800
5. Travelling & Transport	29,979	25,003	30,000	4,997	
6. Passages	7,708	13,000	6,000		7,000
7. Study Courses	523	504	504		
8. Chemical Supplies & Laboratory Equipment	3,099	2,616	3,500	884	
9. Drawing Instruments etc... ..	1,987	2,500	2,500		
10. Materials for Survey, etc.	13,869	12,000	15,000	3,000	
11. Maintenance of Buildings and Compounds	1,355	1,000	1,500	500	
12. Library Equipment	1,207	1,000	2,000	1,000	
13. Upkeep of Boats & Engines	4,396	4,400	4,000		400
14. Upkeep & Maintenance of Vehicles	1,586	3,000	3,000		
15. Special Scientific Research	16,802	1,000	1,000		
16. Test Drilling and Geophysical Survey	-	1	1		
17. Printing Maps & Reports	1,705	8,000	24,000	16,000	
18. Uniforms	824	2,000	2,000		
19. Rental of Quarters	731	500	500		
20. Miscellaneous	3,459	2,660	3,500	840	
Total Other Charges	142,579	124,984	155,005	30,021	
Capital					
21. Boats, Engines & Vehicles	13,944	1,500	5,650	4,150	
22. Buildings	31,027	44,000	4,000		40,000
23. Surveying & Drawing Equipment	4,454	2,000	2,000		
24. Office, Camp and Field Equipment and tools	7,326	2,040	2,250	210	
Total Capital	56,751	49,540	13,900		35,640
Credit - Scheme Revenue	568,209 8,158	517,133	550,338	33,205	
TOTAL	560,051	517,133	550,338	33,205	

NOTES

- c. Present holder of post of Director of Geological Survey will be resigning with effect from 15th May, 1962.

- n(i) In substitution for 1 post of Senior Assistant Draughtsman.

- o(i) In substitution for 1 post of Technical Assistant.

- o(ii) Redesignated.

- u. Regraded.

- w. Post of Class I Clerk to be filled only on condition that the Clerical Establishment of another Department is reduced by a post of Class I Clerk.

- 8. To purchase 1 refrigerator, 1 extractor fan, 1 set brass sieves and miscellaneous equipment.

- 9. Includes provision of \$4,000 to complete work on the Rock Store, Garage and Boathouse.

HEAD VII -- HEALTH

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Cottage Hospitals, Health Centres and Mortuaries	172,892	410,000	170,342	222,500	-	10,000	10,000
2. Environmental Sanitation Programme	-	263,000	-	50,000	-	213,000	213,000
3. Malaria Eradication (Interior)(D.4311)	-	127,940	15,805	38,530	66,245	7,360	73,605
4. Filaria Eradication	15,950	158,000	20,098	80,358	-	58,000	58,000
5. Anti-Typhoid Vaccine Trials (R.1052&A)	10,094	113,506	43,555	30,000	40,000	-	40,000
6. School for Handicapped Children ..	-	-	-	-	-	50,000	50,000
Suddie Hospital - Extension ..	-	50,000					
Lethem Hospital - Extension ..	-	15,000					
Poliomyelitis Vaccination (D.3718)..	27,390	58,914	36,638	22,276			
Purchase of Hospital Equipment (D.3172)	65,428	44,600	29,209	14,980			
Settlement of Ex-patients, Mahaica..	1,831	26,000	6,186	19,804			
Skeldon Hospital	-	53,000 ^(b)	-	53,000			
Central Medical Store ..	220,616	-	266	5,157			
	514,201	1,319,960	322,099	536,605	106,245	338,360	444,605
Total other 1954-1959 Expenditure ..	258,774 ^(a)						
TOTAL ..	772,975	1,319,960	322,099	536,605	106,245	338,360	444,605

NOTES

1. For payment of retention money to contractors.
3. This programme is being financed by the British Guiana/United States of America, TADO Joint Fund. The amount represents this country's contribution for 1962.
6. First instalment of a grant of \$100,000 to the School for Handicapped Children.

(a) Other Expenditure

	<u>1954-1959</u>
	\$
State Hospitals, Port Mourant and Wakenaam	170,951
Health Museum	910
Dispensary and quarters, Supenaam ..	21,963
Reconstruction Georgetown Hospital ..	29,617
Uncompleted Works from 1953 ..	35,333
	<u>258,774</u>

- (b) Allocation met from savings under Head III -- Drainage & Irrigation,
Subhead 9: ~~Mahaica-Mahaicony-Abary~~ Project (Stage I Abary Control).

HEAD VII - HEALTH

Subhead 3: Malaria Eradication (Interior)
(D.4311)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
<u>Recurrent</u>					
1. Personal Emoluments ..			30,600		
2. Other Charges ..			43,005		
TOTAL ..	15,005	20,000	73,605	53,605	

HEAD VII - HEALTH

Subhead 5: Anti-Typhoid Vaccine Trials
(R.1052&A)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
<u>Recurrent</u>					
1. Personal Emoluments ..			23,000		
2. Other Charges ..			17,000		
TOTAL ..	43,555	40,000	40,000		

HEAD VIII - HOUSING

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		T
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Housing	15,594,414	5,000,000	582,373	1,000,001	-	1,938,794	1,938,794
TOTAL ..	15,594,414	5,000,000	582,373	1,000,001	-	1,938,794	1,938,794

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HEAD VIII - HOUSING

Subhead 1: Housing

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
Commissioner of Housing F8		8,640	(a) =		8,640
a. Housing Administrator F13		-	7,200	7,200	
b. Accountant A11		4,512	4,078	-	434
c. 2 Assistant Accountants A12		6,660	6,414	-	246
d. 1 Senior Clerk A12		-	3,048	3,048	
e. 1 Class I Clerk A14		5,651	3,192	-	2,459
f. 6 Class II Clerks A18		8,986	9,606	620	
g. Senior Clerical Assistant A17		2,292	1,920	-	372
h. 3 Clerical Assistants A19		4,847	4,591	-	256
i. 2 Grade I Clerks (Departmental) A14		6,000	6,264	264	
j. 2 Office Assistants ..		3,264	3,264		
k. 2 Surveyors A10		7,445	8,741	1,296	
l. 1 Assistant Draughtsman A18		3,924	2,294	-	1,630
m. 1 Quantity Surveyor A3		6,720	6,720		
n. Housing Officer A7		4,560	4,560		
o. Estate Manager A12		3,684	3,840	156	
p. 4 Rent Collectors A14		11,646	12,042	396	
q. 2 Women Housing Officers B3		4,272	4,560	288	
r. 2 Temporary Investigators B3		1,680	3,984	2,304	
s. Self-Help Organiser A2		4,560	4,560		
t. 2 Community Organisers A12		7,680	7,680		
u. Building Supervisor A14		2,994	3,089	95	
v. 2 Messengers C4		2,472	2,676	204	
w. Additional Temporary Staff		46,000	46,000		
x. Acting Allowances ..		100	100		
y. Duty Allowance to Paymaster		200	100		100
Total Personal Emoluments ..	155,427	158,789	160,523	1,734	
Other Charges					
2. Travelling Allowances ..	13,383	16,000	15,000		1,000
3. Subsistence Allowances ..	1,710	2,000	2,000		
4. Transport of Goods ..	141	500	500		
5. Instruments, Equipment etc. ..	612	1,200	2,500	1,300	
6. Rent	3,658	3,658	3,658		
7. Miscellaneous	2,159	2,000	2,000		
8. Furniture	-	50	50		
9. Maintenance and Running Expenses - Vehicles ..	1,106	1,000	1,000		
10. Stationery, Books, etc. ..	257	1,500	1,500		
11. Uniforms - Messengers, etc. ..	182	250	300	50	
Passages	346	1,500	-	-	1,500
Total Other Charges ..	23,554	29,658	28,508		1,150

HEAD VIII - HOUSING

Subhead 1: Housing (Contd.)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Miscellaneous Services					
12. Maintenance Charges, Govern- ment Housing Estates ..	278,686	275,000	300,000	25,000	
Total Miscellaneous Services	278,686	275,000	300,000	25,000	
Capital					
13. Surveys	1,321	10,000	2,000		8,000
14. Purchase & Development of Land	63,242	309,553	600,000	290,447	
15. Construction of Flats for rent	13,116Cr.	25,000	75,000	50,000	
16. Construction of Houses for sale	13,199	25,000	428,156	403,156	
17. Aided Self-Help Housing ..	11,004	150,000	200,000	50,000	
18. Repairs to Buildings ..	6,336	5,000	33,000	28,000	
19. Purchase of Vehicles ..	-	11,500	11,607	107	
20. Compensation - Kitty Railway Lands	-	-	100,000	100,000	
Purchase of Fire Proof Cabinets	3,750				
Arrears of Wages (Watchmen)	38,970	500	-	-	500
Total Capital ..	124,706	536,553	1,449,763	913,210	
TOTAL ..	582,373	1,000,000	1,938,794	1,938,794	

HEAD IX -- LANDS & MINES

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Topographic Surveys and Training of Surveyors	79,038	200,000	15,809	40,000	-	40,000	40,000
2. Aerial Photography ..	759,268	600,000	151,294	120,000	120,000	-	120,000
TOTAL ..	838,306	800,000	167,103	160,000	120,000	40,000	160,000

HEAD X - LAND DEVELOPMENT

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Development of Pln. Mara <u>cum annexis</u> (D.3188B) and Expansion ..	1,334,509	1,796,000 ^(b)	69,429	70,000	90,000	10,000	100,000
2. Black Bush Polder-Lesbeholden (D.4228) ..	-	338,544	153,684	20,000	76,500	8,500	85,000
3. Black Bush Polder - Mibikuri, Joanna and Yakusari (D.4533) ..	-	1,041,600	60,254	229,000	170,000	30,000	200,000
4. Existing Land Development Schemes (D.3682&A) ..	570,437	160,000	63,728	36,813	49,341	14,122	63,463
5. Preliminary Investigations ..	1,513	48,000	363	2,500	-	10,000	10,000
6. Development of Garden of Eden (D.3187)	229,028	71,930	30,442	23,000	14,633	3,658	18,291
7. Machinery and Equipment ..	225,255	799,400 ^(c)	255 ^{Gr.}	126,500	-	152,246	152,246
8. West Bank Demerara - Chantilly/Bourda	-	1,114,000	-	-	-	150,000	150,000
9. Interior Areas - Wauna/Yarakita Project (D.4790)... ..	-	189,000	-	50,000	85,000	15,000	100,000
10. Development of Pln. Onverwagt ..	23,380	50,000	-	-	-	50,000	50,000
11. Development of the Tapakuma Area ..	-	50,000	-	-	-	50,000	50,000
12. Coffee Grove/Walton Hall ..	-	150,000	-	-	-	50,000	50,000
Westbury/Somerset Berks ..	-	300,000					
Maripa/Bonasika ..	-	344,926					
Boerasirie Extension - Good Hope to Look Out ..	-	296,000					
Total other 1954-1959 Expenditure..	2,384,122 ^(a) 390,029	6,749,400	377,645	557,813	485,474	543,526	1,029,000
	2,774,151	6,749,400	377,645	557,813	485,474	543,526	1,029,000

NOTES

1. Provision included for the continuation of the development of Pln. Mara; the acquisition of L'Enterprise; ancillary works for Ma Retraite and L'Enterprise.
2. Revote to complete work.
3. Revote of part of the estimated unspent balance at 31.12.61 to continue the scheme.
4. Provision includes revote of \$55,463. The additional \$8,000 is provided for the completion of the survey of new lands at Barnwell and Greenwich Park and will be met wholly from local funds.
5. To investigate the possibilities of acquiring and developing lands in the Pakaraimas, Chantilly/Bourda and other areas.
6. Revote to complete work.

7. For the purchase of 2 - D7 Caterpillar Tractors, 2 Land Rovers, and 2 Trucks.
8. Provisional sum for the acquisition of privately-owned lands between Plns. Chantilly to Bourda.
9. Colonial Development and Welfare Scheme D.4790 provides 85% grant assistance towards the cost of the scheme up to \$189,000.
11. For the commencement of the planning and development of the Tapakuma area consequent on the drainage and irrigation works now being carried out.

(b) Allocation reduced by \$39,000 to cover the cost of Interior Areas - Wauma/Yarakita Project (Subhead 9).

(a) Other Expenditure

1954-1959

	\$
Purchase of Land ..	210,001
Equipment & Improvement to Workshops	41,153
Cane Grove-Vergenoegen Rehousing	1,723
Erection of Bonds for Pure Line Seed Padi ..	63,175
Drainage & Irrigation Works for Land Settlements ..	71,776
Essequibo Estates ..	2,201
	<u>\$ 390,029</u>

(c) Allocation reduced to provide for the following:-

Development of Pln. Onverwagt (Subhead 10) ..	\$ 50,000
Development of the Tapakuma Area (Subhead 11) ..	50,000
	<u>\$ 100,000</u>

HEAD X - LAND DEVELOPMENT

Subhead 2: Black Bush Polder-Lesbeholden
(D.4228)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Personal Emoluments			(a)		
Other Charges					
Travelling & Transport					
Watching, Cleaning & Lighting					
Capital					
1. Temporary Office & Quarters ..			1,445		
2. Office Furniture and Equipment			555		
3. Clearing			17,000		
4. Survey of Plots & Homesteads..			16,000		
5. Clearing and layout of Community Zones			50,000		
Total Capital			85,000		
TOTAL ..	153,684	48,544	85,000	36,456	

NOTES

3. Forclearing 2,400 acres of land.

(a) Provision for this has been ^{made} under Subhead 3: Black Bush Polder - Mibikuri, Joanna and Yakusari.

HEAD X - LAND DEVELOPMENT

Subhead 3: Black Bush Polder - Mibikuri, Joanna
& Yakusari.

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. 1 Clerk			2,664		
b. 1 Assistant Clerk			1,872		
c. 1 Storekeeper			1,688		
d. 1 Office Assistant			962		
e. 1 Foreman-Mechanic			2,040		
f. 6 Field Foremen			10,774		
Total Personal Emoluments			20,000		
Other Charges					
2. Transport, Travelling and Subsistence			620		
3. Maintenance and Operation of Land Rovers & Lorry			7,860		
4. Maintenance and Operation of Lighting Plant			2,232		
Total Other Charges			10,712		
Capital					
5. Clearing and Layout			50,000		
6. Survey of Plots & Homesteads			14,000		
7. Development of Community Zones			86,000		
8. Contingencies			19,288		
Total Capital			169,288		
TOTAL	60,254	540,000	200,000		340,000

NOTE

5. For the clearing and layout of approximately
4,600 acres of land.

HEAD XI - POST OFFICE

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Postal Services ..	124,607	100,000	-	-	-	60,000	60,000
2. Telecommunications Rehabilitation	7,456,694	2,196,339	1,029,328	323,846	-	240,000	240,000
	7,581,301	2,296,339	1,029,328	323,846	-	300,000	300,000
Central Power Plant, Lethem ..	51,655						
TOTAL ..	7,632,956	2,296,339	1,029,328	323,846	-	300,000	300,000

NOTE

1. For a new Post Office Building at New Amsterdam.

HEAD XII - PUBLIC WORKS

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Parika-Bartica Road ..	150,618	7,445,040 ^(a)	56,195	893,748	-	4,229,000	4,229,000
2. Bartica-Potaro Road ..	461,552	2,480,000 ^(b)	476,034	450,000	-	483,152	483,152
3. Potaro-Lethem Road ..	458,764	300,000	163,663	100,000	-	1	1
4. East Bank Road ..	2,427,055	1,597,000	536,456	600,000	-	460,544	460,544
5. Sea & River Defences ..	4,630,042	4,631,000	1,817,356	2,152,000	351,077	948,923	1,300,000
6. Water Supply ..	1,688,848	2,882,000	410,662	600,000	112,200	387,800	500,000
7. Water Supply, Black Bush (D.4485) ..	-		22,979	99,842	169,302	29,877	199,179
8. Public Officers' Housing ..	2,051,151	1,000,000	126,851	221,800	-	252,866	252,866
9. Public Buildings ..	496,894	1,000,000	30,831	86,840	-	511,681	511,681
10. P.W.D. Buildings, Wharf, Fencing ..	108,665	300,000	64,902	15,027	20,000	80,000	100,000
11. Quarries and Craft ..	760,462	820,000	-	250,000	-	200,000	200,000
12. East Coast Road (Abary Bridge) ..	2,228,731	550,000	7,845	427,992	-	28,000	28,000
13. West Coast Road ..	-	1,260,000	-	-	-	1	1
14. Harbour Siltation Investigation ..	-	460,000	219,961	208,000	-	30,000	30,000
15. Lethem-Wichabai-Dadanawa Road ..	-	-	-	24,000	7,200	800	8,000
16. Staff for Development Projects ..	-	-	-	-	-	20,544	20,544
Corentyne Road ..	32,964	1,000,000 ^(c)	-	-	-	-	-
Surveys - East & West Coast Roads ..	-	418,730	-	418,730	-	-	-
Total other 1954-1959 & 1960 Expenditure ..	15,495,746 ^(d) 1,072,587	26,143,770	3,933,735 ^(d) 598	6,547,949	659,779	7,663,189	8,322,968
TOTAL ...	16,568,333	26,143,770	3,933,137	6,547,949	659,779	7,663,189	8,322,968

NOTES

(a) Allocation increased by \$4,285,040 to meet the cost of the construction of this road by the Empresas Grupo Del Conte as follows:-

From Head III - Drainage & Irrigation					
Mahaica/Mahaicony/Abary Project	..				\$1,440,000
Head XII - Public Works					
Subhead 2: Bartica-Potaro Road	..				1,760,000
" 3: Potaro-Iethem Road	..				1,085,040
					<u>\$4,285,040</u>

(b) Further reduced to provide additional allocations for the following:-

Head VII - Health

Subhead 2: Environmental Sanitation Programme	..		\$ 46,000
" 3: Malaria Eradication (Interior)	..		39,940
" 4: Filaria Eradication	..		97,600
" 5: Anti-Typhoid Vaccine Trials	..		113,506
Settlement of Ex-patients, Mahaica	..		18,000
Poliomyelitis Vaccination	..		58,914
			<u>373,960</u>

Head XII - Public Works

Subhead 12: East Coast Road (Abary Bridge)	..		250,000
" 14: Harbour Siltation Investigation	..		91,000
			<u>\$ 714,960</u>

(c) Allocation met from Head XIII - Transport & Harbours, Subhead 3: Railway Renewals.

(d) Other Expenditure

		<u>1954-1959</u>		<u>1960</u>
Road-making Plant	..	\$ 304,605		\$ 1,442
Hydrological Research & Instruments	..	2,033		
Pure Water Supply, Hague Backlands	..	14,769		
East Canje Road	..	303,356		191 Cr.
Berbice Roads	..	263,040		1,849 Cr.
Petrol Store, resiting & reconstruction	..	75,183		
Purchase of car for I.C.A. Specialist	..	4,632		
FOA Technical Assistance	..	30,107		
Extension of Riverain Roads	..	74,862		
		<u>\$ 1,072,587</u>		<u>\$ 598 Cr.</u>

HEAD XII - PUBLIC WORKS

Subhead 5: Sea & River Defences
(D.4867)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Essequibo					
1. Walls, Essequibo Coast ..	86,853	50,000	125,000	75,000	
2. Walls, Leguan ..	28,491	40,000	75,000	35,000	
3. Walls, Wakenaam ..	15,905	60,000	50,000		10,000
4. Works, McNabb/Somerset and Berks ..	86,814	120,000	100,000		20,000
5. Works, Berks/Collier Canal..	-	-	20,000	20,000	
6. Works, Parika/Larimakabra ..	-	4,000	60,000	56,000	
Works, Greenwich Park/Parika	64,618	150,000	-	-	150,000
Groynes, Essequibo ..	5,135				
Groynes, Wakenaam ..	9,554				
Groynes, Leguan ..	7,335				
Construct Earth Dam, Queens- town ..	4,229				
West Demerara					
7. Walls, West Coast Demerara..	-	75,000	75,000		
Raise wave screen, De Willem/ Zeeburg ..	15,733				
Casing, Uitvlugt Wall ..	9,089				
Groynes ..	10,105				
Coping, De Willem ..	-	1,500	-	-	1,500
Underpin Wall, Meten-Meer- Zorg/De Willem/Zeeburg ..	7,259				
East Demerara					
8. Works, Nabaclis/Annandale/ Hope/Mon Repos ..	998,592	500,000	242,900	-	257,100
9. Works, Planter's Hall, Mahaicony ..	-	-	100	100	
10. Improvement Works - Kitty/ Turkeyen ..	-	-	40,000	40,000	
Works, Mahaica/Mahaicony ..	3,133				
Groynes ..	30,000				
Berbice					
11. Works, West Coast Berbice ..	21,996	185,000	100,000	-	85,000
12. Works, Fyrish/No. 52 ..	8,408	-	100,000	100,000	
13. Wall from No. 78 - Springlands	47,184	-	50,000	50,000	
14. Wall, Nos. 82/83 Skeldon ..	-	20,000	40,000	20,000	
New Sea Dam, Cotton Tree/ Zee Sight ..	20,470	5,000	-	-	5,000
Works, Grand Canal/Industry	-	12,000	-	-	12,000
River Defences					
5. River Defences, Aurora ..	-	-	32,000	32,000	
16. River Defences, West Bank Demerara ..	3,973	5,000	5,000		
17. River Defences, Christianburg/ Wismar ..	24,756	50,000	50,000		
R.C. Wall, River Defences, Stanleytown/Islington ..	56,802	25,000	-	-	25,000

HEAD XII - PUBLIC WORKS

Subhead 5: Sea & River Defences (Contd.)
(D.4867)

Details of Expenditure		Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
		\$	\$	\$	\$	\$
18.	Revetment, P.W.D./Forestry, River Bank, Georgetown .. Boulder Wall, Atkinson Field	59,981 Cr. 15	80,000	25,000		55,000
	General					
19.	Recasing Concrete Walls (Colony Wide) ..	92,950	75,000	50,000		25,000
20.	Plant ..	-	100,000	50,000		50,000
21.	Beacons ..	16,968	13,000	10,000		3,000
	New Survey Launch ..	81,081				
	Unallocated ..	-	14,000	-		14,000
		1,817,399	1,584,500	1,300,000		284,500
	Credit - Scheme Revenue ..	43				
	TOTAL ..	1,817,356	1,584,500	1,300,000		284,500

HEAD XII - PUBLIC WORKS

Subhead 16: Staff for Development Projects

Details of Expenditure		Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
		\$	\$	\$	\$	\$
1.	Assistant Architect A7 ..			3,696	3,696	
2.	1 Senior Surveyor A4 ..			5,040	5,040	
3.	2 Draughtsmen A12 ..			6,096	6,096	
4.	2 Senior Assistant Draughtsmen A14 ..			4,800	4,800	
5.	1 Grade II Draughtsman A18 ..			912	912	
	TOTAL ..			20,544	20,544	

NOTE

1. To be met 50:50 from the allocations under Subheads 8: Public Officers' Housing and 9: Public Buildings.

2 - 5. To be met from the allocation under Subhead 2: Bartica-Potaro Road.

HEAD XII - PUBLIC WORKS

Subhead 8: Public Officers' Housing

Officer to be housed	Location	Estimated Cost	Estimated Expenditure to 31.12.61	Estimate 1962
		\$	\$	\$
<u>Works continued from 1961 -</u>				
Berbice				
Assistant Inspector of Taxes..	New Amsterdam	14,317	11,454	2,863
Police - 1 N.C.O. & 4 Ranks ..	Rosignol	36,847	9,212	27,635
Senior Superintendent of Police	New Amsterdam	17,176	15,460	1,716
Public Assistance Officer ..	Port Mourant	8,000	1,500	6,500
Cooperative Officer ..	Lesbeholden	8,000	1,500	6,500
Site Works - Compound ..	Rosignol	20,351	18,351	2,000
Demerara				
Police - 2 Constables ..	Mahaicony	4,000	1,000	3,000
Customs & Excise Officer ..	Enmore	8,000	1,500	6,500
Police - Flats for 12 families	Eve Leary, C/town	78,000	-	78,000
Chief Justice ..	Georgetown	50,000	2,000	48,000
Essequibo				
Headteacher ..	Taymouth Manor	8,000	1,000	7,000
Class II Officer, Local Government Department ..	Leguan	9,000	1,500	7,500
Cooperative Officer ..	Leguan	9,000	1,500	7,500
Unallocated Reserve ..		48,152	-	48,152
TOTAL ..		319,843	5,976	252,866

HEAD XII - PUBLIC WORKS

Subhead 9: Public Buildings

Building	Location	Estimated Cost	Estimated Expenditure to 31.12.61	Estimate 1962
		\$	\$	\$
<u>Works continued from 1961 -</u>				
Extension of Office, Lands & Mines Department ..	Georgetown	200,000	-	150,000
New Fire Station ..	New Amsterdam	119,252	96,296	22,956
New Administration Building ..	New Amsterdam	174,257	38,584	127,725
Magistrates' Court ..	Sisters	20,000	3,000	17,000
New Buildings to house 6 Magistrates' Courts and other Offices ..	Georgetown	300,000	-	100,000
Police Station & Magistrates' Court ..	Rosignol	60,000	3,000	57,000
Magistrates' Court ..	Wakenaam	20,000	-	20,000
Magistrates' Court ..	Anna Regina	20,000	3,000	17,000
TOTAL ..		913,509	143,880	511,681

HEAD XIII - TRANSPORT & HARBOURS

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Rehabilitation of Shipping Services	6,388,483	6,230,000	1,382,314	1,202,000	-	2,554,106	2,554,106
2. Harbour Services ..	653,120	300,000	27,461	79,000	-	141,000	141,000
3. Railway Renewals ..	3,573,752	1,581,270 ^(b)	115,280	60,000	-	353,000	353,000
Total other 1954-1959 Expenditure	10,615,355 ^(a) 48,099	8,111,270	1,525,055	1,341,000	-	3,048,106	3,048,106
TOTAL ..	10,663,454	8,111,270	1,525,055	1,341,000	-	3,048,106	3,048,106

NOTES

(a) Additions and Improvements to Stores - \$48,099

(b) Allocation reduced to provide funds for Head XII - Public Works, Subhead 14: Harbour Siltation Investigations.

HEAD XIII - TRANSPORT & HARBOURS

Subhead 1: Rehabilitation of Shipping Services

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Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
a. Civil Engineer ..		7,200	7,200		
b. Gratuity ..		-	5,670	5,670	
c. Assistant Civil Engineer ..		-	4,272	4,272	
d. Steno-typist ..		1,900	2,364	464	
Total Personal Emoluments	7,200	9,100	19,506	10,406	
Other Charges					
2. Travelling, Subsistence, Transport & Passages ..		500	4,400	3,900	
Total Other Charges ..	-	500	4,400	3,900	
Capital					
3. Third new Ferry Ship ..		500,000	1,041,200	541,200	
4. Passenger Ship ..		5,000	350,000	345,000	
5. Reconstruction of Demerara Ferry Terminals ..	217,485	500,400	514,000	13,600	
6. Reconstruction of Berbice Ferry Terminals ..	15,653	200,500	185,000	-	15,500
7. New Stelling, Hog Island ..	1,912	24,000	75,000	51,000	
8. New Machinery for Dry Dock Mazaruni ..	-	60,000	20,000	-	40,000
9. Extension of Mazaruni Dry Dock ..	-	-	100,000	100,000	
10. Rehabilitation of Wakenaam Stelling ..	-	-	64,000	64,000	
11. Minor Works & Fire Fighting Equipment for Stellings..	44,067	30,000	26,000	-	4,000
12. Mechanical Equipment for Stellings ..	22,865	35,000	35,000		
13. Steel towing tug ..	-	-	120,000	120,000	
Two new Ferry Ships ..	860,471				
Rehabilitation, Fort Island & Morawhanna Stellings ..	8,680	25,000	-	-	25,000
Rehabilitation, Charity Stelling ..	-	21,000	-	-	21,000
Replacement of Workers Launch, Mazaruni ..	-	50,000	-	-	50,000
Two pontoons & Pile Driving Equipment ..	93,475	36,500	-	-	36,500
Purchase of two Steel pontoons	102,700				
Re-engining of Vessels, includ- ing M.V. Barima & Depart- ment's Craft ..	7,806				
Total Capital ..	1,375,114	1,487,400	2,530,200	1,042,800	-
TOTAL ..	1,382,314	1,497,000	2,554,106	1,057,106	-

NOTES

- 1c. New Post. Provided to accelerate progress of construction and to maintain adequate supervision.
2. Leave passages.
- 1d. Provision for senior Steno-typist.
- 1b. Present Civil Engineer's contract will expire on 31st June, 1962.

HEAD XIII - TRANSPORT & HARBOURS

Subhead 2: Harbour Services

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Improvement & Installation of Navigation Aids, Lighthouses & Radio Telephone ..	14,813	44,000	85,000	41,000	
2. Mechanical Equipment ..	-	20,000	40,000	20,000	
3. Buoy Vessel ..	-	-	16,000	16,000	
Replacement for Pilot Launch ..	-	80,000	-	-	80,000
Construction of Launch Station and Rebuilding Slipway ..	12,648				
TOTAL ..	27,461	144,000	141,000		3,000

HEAD XIII - TRANSPORT & HARBOURS

Subhead 3: Railway Renewals

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
Personal Emoluments					
Civil Engineer					
Gratuity					
Stenotypist					
Total Personal Emoluments	11,017				
Other Charges					
Travelling, Subsistence, Transport & Passages ..	1,823				
Total Other Charges ..	1,823				
Capital					
1. Rehabilitation of Permanent Way ..	102,440	100,000	117,000	17,000	
2. Purchase of Locomotives & Coaches ..	-	400,000	236,000		164,000
Total Capital ..	102,440	500,000	353,000		147,000
TOTAL ..	115,280	500,000	353,000		147,000

NOTE

2. Revote

HEAD XIV - MISCELLANEOUS

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Expenses of Issue ..	261,303	5,500	1,768	3,500	.	3,732	3,732
2. Medical Research ..	1,125	-	1,050	596	904	-	904
3. Vocational Training - Puerto Rico (D.3736(18)) ..	6,441	-	-	-	3,500	-	3,500
4. Counterpart Contribution - U.N. Technical Assistance ..	-	-	-	-	-	25,000	25,000
New Amsterdam, Improvement of Water Supply ..	256,358	118,642	26,801	91,841			
Government Recording Studio ..	1,183	60,000	32,051				
Extension of Pure Water Supply to Greater Georgetown Area ..	831,991	6,143	6,143				
	1,358,401 (a)	190,285	67,813	95,937	4,404	28,732	33,136
Total other 1954-1959 & 1960 Expendi- ture	1,725,636		5,982				
TOTAL ..	3,084,037	190,285	73,795	95,937	4,404	28,732	33,136

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NOTES

2. Token provision for Research Grants 100% Colonial Development and Welfare financed under West Indies Research Allocation.

NOTES (Contd.)

3. Colonial Development and Welfare Scheme D.3736(18) provides 100% grant assistance.

<u>(a) Other Expenditure</u>	<u>1954-1959</u>	<u>1960</u>
	\$	\$
Improvement of Library facilities, Primary Schools ..	4,780	
Improvement of Library facilities, Secondary Schools ..	951	
Training in Home Economics ..	2,621	
Wages Revision	7,519	4,229
Discount of Issue	100,000	
Purchase of Books for T. & H.D. Library ..	500	
Purchase of B.G. Airways	822,993	
Purchase of Grumman Plane	106,562	
Discount of 5% Stock	602,500	
Purchase and Alterations to B.G. Airways Office	74,935	
Refresher Courses, Primary School Teachers	1,285	
Visit of Tutor, Eastern Caribbean Farm Institute	319	
Cocoa Propagation	671	
Visual Aid Equipment	-	1,753
	<u>\$ 1,725,636</u>	<u>\$ 5,982</u>

HEAD XV -- RURAL SELF-HELP

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Rural Self-Help Schemes (D.3122A) ..	421,432	750,000	65,285	90,242	90,000	10,000	100,000
TOTAL ..	421,432	750,000	65,285	90,242	90,000	10,000	100,000

NOTE

To continue Rural Self-Help Schemes for community projects.
Government assistance may be up to 75% in the Interior and up to
50% in other areas.

HEAD XVI - SOCIAL WELFARE

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. New Prison	-	300,000	-	31,147	-	10,000	10,000
2. Community Organisation and Community Centres ..	-	100,000	3,729	24,000	-	40,000	40,000
3. Youth Welfare & Sports Development	8,607	237,920 ^(a)	4,403	40,000	-	50,000	50,000
4. Social Development Training ..		12,080	480	6,600	-	5,000	5,000
Establishment of a Borstal ..		100,000	-				
Total other 1954-1959 Expenditure	8,607 ^(b) 60,052	750,000	8,612	101,747	-	105,000	105,000
TOTAL ..	68,659	750,000	8,612	101,747	-	105,000	105,000

NOTES

2. For 50% grants towards the cost of Community Centres. Maintenance must be guaranteed by a Local Authority or other corporate body.

4. To meet the cost of a visit by Dr. F.G. Wale, Director of Community Education and Mrs. Wale, his assistant, from Puerto Rico to survey and advise on training needs for Social Development.

(a) Allocation reduced by \$4,880 to provide additional allocation for Subhead 4: Social Development Training.

		1954-1959
		\$
(b) Other Expenditure		
Sociological Research ..		957
Community Organisation, Education & Development ..		44,963
Community Centres ..		48 Cr.
Albouystown Y.M.C.A. ..		14,180
		<u>60,052</u>

HEAD XVII - LOCAL GOVERNMENT

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development and Welfare	Other Sources	Total
1. Local Government Reorganisation	178,667	500,000	38,122	50,000	-	100,000	100,000
TOTAL	178,667	500,000	38,122	50,000	-	100,000	100,000

NOTE

Towards implementation of Local Government reform based on the proposals of Dr. A.H. Marshall (Sessional Paper No. 5 of 1958 gives details of the Government's proposals). Provision as follows:-

Temporary Specialist Staff	\$ 8,500
Valuations	91,500
	<hr/>
	\$ 100,000
	<hr/>

HEAD XVIII - AMERINDIAN DEVELOPMENT

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Amerindian Development (D.4358) ..	14,695	322,200	32,169	117,500	65,871	47,399	113,270
2. Miscellaneous Schemes ..	-	5,000	-	1,600	-	1,000	1,000
3. Kumaka-Kwebana Land Development (D.4359) ..	-	150,000	39,322	47,000	57,310	6,508	63,818
District Office, Orealla ..	5,989	20,000	10,367	8,800			
Rest Shelters ..	11,172	10,800	10,669				
	31,856	508,000	92,527	174,900	123,181	54,907	178,088
Total other 1954-1959 Expenditure	49,719 ^(a)						
TOTAL ..	81,565	508,000	92,527	174,900	123,181	54,907	178,088

NOTES

1 and 3. To complete work on these schemes. Colonial Development & Welfare Schemes D.4358 and D.4359 provide 90% grant assistance towards the cost of these works.

2. For the construction of an airstrip at Orealla.

(a) Other Expenditure

	1954-1959
Amerindian Depot, Mahaica ..	\$ 2,990
" " Bartica ..	3,878
Sale of Portable Saw Mill ..	800 Cr.
Trade Stores ..	9,225
Wapisiana Fencing Scheme ..	<u>34,426</u>
	\$49,719

HEAD XVIII - AMERINDIAN DEVELOPMENT

Subhead 1: Amerindian Development
(D.4358)

Details of Expenditure	Actual Expenditure 1960	Approved Estimate 1961	Estimate 1962	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments -					
Salaries of Instructors ..	6,275	7,040	6,320		720
Total Personal Emoluments	6,275	7,040	6,320		720
Other Charges					
2. Travelling of Instructors..	100	480	480		
Total Other Charges ..	100	480	480		
Capital					
3. Replacement of Equipment ..	1,198	480	1,200	720	
4. Extension of Good Hope/ Karasabai Road ..	-	25,000	5,000		20,000
5. Kamarang Mouth/Paruima Road	227	15,500	14,270		1,230
6. Improvement to Roads - South Savannahs, Rupununi ..	8,680	25,000	30,000	5,000	
7. Water Supply to Rupununi Villages ..	1,714	21,500	20,000		1,500
8. Medical Huts ..	228	4,000	6,000	2,000	
9. Agriculture Development ..	7,385	27,000	30,000	3,000	
Communications ..	6,362				
Total Capital ..	25,794	118,480	106,470		12,010
TOTAL ..	32,169	126,000	113,270		12,730

NOTE

Colonial Development and Welfare Scheme D.4358 expires on
31.3.62.

HEAD XIX -- TOURISM

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Tourism	-	225,000	4,111	45,000	-	100,000	100,000
TOTAL ..	-	225,000	4,111	45,000	-	100,000	100,000

NOTE

To accelerate programme.

HEAD XX - ELECTRICITY DEVELOPMENT

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Electricity Development ..	481,330 ^(a)	2,000,000	102,715 ^(a)	746,685	-	1,800,600	1,800,600
TOTAL ..	481,330	2,000,000	102,715	746,685	-	1,800,600	1,800,600

NOTE:

(a) Includes expenditure as follows:-

	1954-1959	1960
	\$	\$
Hydroelectricity and Rural Electrification Investigations ..	19,154	28,103
Rural Electrification ..	162,521	-
Purchase of 2 Mobile Generating Sets ..	299,655	19,344
Cancellation of Order for Manufacture of 2,500 K.W. Set ...	-	55,268
	<u>\$ 481,330</u>	<u>\$102,715</u>

HEAD XXI -- FORESTS

DETAILS OF EXPENDITURE

Scheme	Total Expenditure 1954-1959	Allocation 1960-1964	Expenditure 1960	Revised Estimate 1961	Estimate 1962		
					Development Fund		
					Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$
1. Forest Appraisals (United Nations Special Fund)	-	325,000	-	-	-	55,000	55,000
2. Expansion of Utilisation Workshop..	-	100,000	-	-	-	25,000	25,000
3. Central Timber Manufacturing Plant	288,064	125,000 ^(a)	4,468	-	-	100	100
Additional Temporary Staff (D.3261C)	109,873	-	7,674	-	-	-	-
	397,937	550,000	12,142	-	-	80,100	80,100
Total other 1954-1959 Expenditure..	234,842 ^(b)						
TOTAL ..	632,779	550,000	12,142	-	-	80,100	80,100

NOTES

1. Financial Assistance has been requested from the United Nations Special Fund towards the cost of a Forest Appraisal project estimated at \$240,000 over four years. Provision represents British Guiana's estimated contribution to the scheme for 1962.

2. Work to be carried out over a period of 3 years.

3. Token provision.

(a) Allocation reduced by \$100,000 to provide for Subhead 2.

(b) Other Expenditure

		<u>1954-1959</u>	
Staff training	..	20,330	
Timber Appraisals	..	87,920	
Silviculture	..	125,519	
Promotion of exports	..	1,073	\$234,842