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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	352	Press
186-107		Mis.
Dated	3-2	1868.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd February 1869.*

No. 106. Read the following Proceedings of the Government of India in the Public Works Department (Account):—

Orders on Madras Annual Appropriation and } (Here enter 28th October 1868, No. 813A.)
Outlay Account for 1867-68.

No. 107. ORDER THEREON, 3rd February 1869, No. 352.

ACCOUNT, No. 4.

1. Communicated to the Superintending Engineers and to the Controller of Public Works Accounts.

2. Paragraphs 2 and 5 will be referred to the Revenue Department with a view to the Board of Revenue being requested to furnish the required statement showing the specific manner in which the outlay on Famine Relief Works has been incurred, and the information called for regarding the maintenance by Civil Officers of a Register of the land taken up for the Madras Irrigation and Canal Company's works.

3. The Superintending Engineer of the 5th Division will report as early as practicable on the subject of paragraph 3.

4. Adverting to paragraph 4 the Government observe that the estimate for the Lunatic Asylum at Kilpauk received the sanction of the Government of India in their letter No. 712C of the 30th November 1868, and that the plans and estimates for the Central Jail at Trichinopoly were despatched on the 1st February 1869.

5. In the Orders marginally noted, the Government declared themselves of opinion that, considering the great benefits which the inhabitants of Masulipatam would derive from a wholesome and abundant supply of water being brought into the town for their use, they should be assessed to a moderate amount, but that the supply should be gratuitous for one year. The question has been allowed to remain in abeyance since that time, but will now be taken into final consideration in the Revenue Department with reference to the remarks in paragraph 5.

No. 1,781, dated 6th June 1866.
,, 2,824, ,, 5th Sept. ,,

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To Superintending Engineers.
To the Controller of Public Works Accounts.
To Captain R. B. Kennedy.
To the Revenue Department.

Ezd. S. T. Augustin.

2

No. 8/3 A.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.

SIMLA, OCTOBER 28, 1868.

Madras Annual Appropriation and Outlay Account for 1867-68.

Read the following:—

Report by LIEUT.-COL. P. P. L. O'CONNELL, R. E., Officiating Accountant General, Public Works Department, on the Madras Annual Appropriation and Outlay Account for 1867-68,—No. 1080, dated 14th October, 1868.

The total Imperial Public Works Budget grant assigned to Madras for 1867-68, amounted to Rs. 86,84,000, against which there has been an expenditure of Rs. 91,43,378, the result being an excess outlay of Rs. 4,59,378, or 5.2 per cent. of the allotment. The following Table will show how this result has been arrived at:—

	ORIGINAL WORKS.		REPAIRS.		TOTAL.		DIFFERENCE BETWEEN OUTLAY AND GRANT.	
	Grant.	Outlay.	Grant.	Outlay.	Grant.	Outlay.	Outlay less than Grant.	Outlay more than Grant.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Military	10,45,000	10,39,541	1,55,000	1,55,211	12,00,000	11,94,752	5,218	2,37,090
Civil Buildings	7,44,000	9,81,531	1,02,000	1,01,559	8,46,000	10,83,090	2,94,947	1,45,585
Agricultural ... { Extraordinary ...	9,58,000	6,63,053	...	10,91,232	9,58,000	6,63,053	...	6,19,688
... { Ordinary ...	5,42,000	6,71,653	10,75,000	13,42,993	16,17,000	17,62,885	...	96,278
Communications ...	6,65,000	10,69,695	11,28,000	33,980	17,93,000	24,12,688	...	7,98,746
Miscellaneous Public Improvement	30,000	1,11,298	24,000	27,29,975	54,000	1,50,278	...	...
	39,84,000	45,36,771	24,84,000	27,29,975	64,68,000	72,66,746	...	...
	Outlay more. 6,52,771		Outlay more. 2,45,975					
ESTABLISHMENT ... { Agricultural, Extraordinary ...					2,75,000	1,42,755	1,32,245	...
... { Other Services ...					15,45,000	15,17,470	27,530	...
TOOLS AND PLANT ... { Agricultural, Extraordinary ...					25,000	7,389	17,611	...
... { Other Services ...					1,34,000	73,597	60,403	18,724
PROFIT AND LOSS					42,000	18,724	10,699	...
STATE OUTLAY ON GUARANTEED IRRIGATION WORKS						31,301		...
					84,89,000	90,57,982	44,698	5,63,982
						44,698		...
LESS DECREASE IN STOCK BALANCE ...					84,89,000	90,13,281		5,24,284
PUBLIC WORKS PROPER ...					1,95,000	1,30,094	64,906	...
STATE OUTLAY ON GUARANTEED RAILWAYS ...								...
GRAND TOTAL					86,84,000	91,43,378		4,59,378

A.—Includes Rs. 3,75,000 additional grant transferred from Civil Budget-Estimate.
B.—Includes Rs. 14,000 additional grant transferred from Civil Budget-Estimate.

2. Comparing the expenditure with the original allotments, the same result is obtained as follows:—

	BUDGET GRANT.	OUTLAY.	OUTLAY LESS THAN GRANT.	OUTLAY MORE THAN GRANT.
	Rs.	Rs.	Rs.	Rs.
<i>Military.</i>				
Works and Repairs	12,00,000	11,94,752	5,248	...
<i>Agricultural Extraordinary.</i>				
Original Works	9,58,000	6,63,053	...	...
Establishment	2,75,000	1,42,755	...	...
Tools and Plant	25,000	7,389	...	...
	12,58,000	8,13,197	4,44,803	...
<i>Agricultural, Ordinary.</i>				
Works and Repairs	16,17,000	17,62,885	...	...
State Outlay on Guaranteed Irrigation Works	42,000	31,301	...	...
	16,59,000	17,94,186	...	1,35,186
<i>Other Services.</i>				
Civil Buildings	8,46,000	10,83,090	...	...
Communications	17,93,000	21,12,689	...	...
Miscellaneous Public Improvement	54,000	1,50,278	...	...
Establishment	15,45,000	15,17,470	...	...
Tools and Plant	1,84,000	73,597	...	...
Profit and Loss	...	18,724	...	...
	43,72,000	52,55,847	...	...
Less decrease in Stock balances	...	44,698	...	...
	43,72,000	52,11,149	...	8,39,149
<i>State Outlay on Railways.</i>				
Establishment and purchase of land	1,95,000	1,30,094	64,906	...
GRAND TOTAL	86,84,000	91,43,378	4,59,378	...

3. From this Table it will be seen that, while there has been a short outlay of Rs. 5,14,957 against the special grants as per margin, the ordinary grants for Agricultural Works and Other Services have been exceeded by Rs. 9,74,335, thus—

	Rs.
Ordinary Agricultural Works	1,35,186
Other Services	8,39,149
	<u>9,74,335</u>

4. The excess over the Ordinary Agricultural grant has been caused by two unexpected charges for which this grant did not provide, as follows:—

	Rs.
Charges proposed to be classed as "Extraordinary," but now transferred to "Ordinary" for want of the orders of the Government of India authorising the outlay to be debited to Loan	1,61,137
Expenditure incurred on Famine Relief Works by Civil Department	98,589
Total	<u>2,59,726</u>

If these two items be excluded, the Account would show a short outlay under this head of Rs. 1,24,540. It is not, however, to be supposed that the whole of this sum would have remained unutilised had not the above charges been made. The Government of Madras, not anticipating the transfer from "Extraordinary," had appropriated the Ordinary Agricultural grant to "Other Services". Rs. 74,582,* being the unexpended balance of the sum allowed for Repairs, which was properly available for this purpose.

5. The large excess of Rs. 8,39,149 under "Other Services" is due chiefly to the adjustment of a sum of Rs. 5,56,837 which was expended by the Civil Department on Famine Relief Works in 1866-67. This leaves about 2½ lakhs to be accounted for as excess due to the transactions of the year 1867-68. Of this sum, 2½ lakhs have been provided for, by re-appropriations as per margin, leaving about half a lakh only for which there was no Budget provision. This being scarcely over 1 per cent. of the total expenditure on Services other than Military and Agricultural, need not perhaps be noticed.

6. The value of stores received from England during the year, which, under late orders, has been omitted from the Account, amounts to Rs. 74,248. Had this sum been included, the above excess would, of course, have been increased thereby.

7. No detail beyond that given in the margin has been furnished by the Civil Department on Famine Relief Works. The particulars of this expenditure should, I think, be called for.

8. Referring to the short outlay of Rs. 5,14,957 against the special grants, the small amount of Rs. 5,248 under "Military" calls for no remark, but the balance of the Railway grant, Rs. 64,906, seems to require explanation.

	ORIGINAL WORKS.	REPAIRS.
	Rs.	Rs.
Civil Buildings	2,000	125
Agricultural	7,775	90,814
Communications	1,90,175	2,48,025
Miscellaneous Public Improvement	82,954	31,550
Tools and Plant	2,008	...
	2,84,912	3,70,514
Total	6,55,426	

9. The short outlay of Rs. 4,44,803, under the head "Extraordinary Irrigation Works" may be explained as follows:—

	Rs.
Amount transferred to the head "Ordinary"	2,03,617
Short outlay on Establishment and Tools and Plant	1,49,856
" " on Works	91,330
	<u>4,44,803</u>

Of the first item, a sum of Rs. 1,61,137 was expended and charged to the head "Ordinary" as already shown above. The second item has been wholly utilised on "Other Services;" but the third item, not being available for other purposes, has lapsed. The cause of this has not been explained, but it is owing, probably, to the arrangements for carrying on the works not having been sufficiently advanced to admit of the grant being fully utilised.

10. Proceeding to details, the first head to be noticed is—

ORIGINAL WORKS.

MILITARY.

11. Under this head, the grant has been very closely worked up to, as shown below—

	NO. OF WORKS.	GRANT.	OUTLAY.
		Rs.	Rs.
Major Works entered in the Budget-Estimate on which expenditure has been incurred	45	8,14,998	7,62,003
Major Works entered in the Budget-Estimate on which no expenditure has been incurred	11	1,25,002	...
Major Works not entered in the Budget-Estimate on which expenditure has been incurred	35	1,05,000	1,57,854
Minor Works			1,19,684
Total		10,45,000	10,39,541
Short Outlay			<u>5,459</u>

12. The following is a detail of the works comprising the first group on which an expenditure of Rs. 7,62,003 has been incurred against a Budget grant of Rs. 8,14,998.

AMOUNT OF ESTIMATE	OUTLAY TO END OF 1867-68.		GRANT, 1867-68.	OUTLAY, 1867-68.	
Rs.	Rs.		Rs.	Rs.	
<i>Bellary.</i>					
34,800	34,748	Wash-houses for Regiment of European Infantry	17,000	13,454	
17,000	9,672	Drainage of European Infantry Barracks	3,000	6,364	
8,702	5,953	Canteen with cellar for European Infantry	6,000	5,953	
		Two other works, one at Bellary and one at Ramandroog	5,860	3,997	
<i>Fort St. George and Madras.</i>					
28,200	28,243	Range of quarters for Overseers attached to Gunpowder Manufactory	16,200	15,743	Work completed.
17,800	17,462	Additional solitary cells in Fort St. George	2,800	2,464	"
76,500	65,767	Quarters for Warrant Officers attached to Arsenal	50,000	60,767	
19,810	16,612	Alterations to Criminal side of Grand Jail, and constructing cart shed and guard-room for Commissariat stores	10,840	462	
35,400	31,380	Alterations to Arrack and Porter godowns	26,000	15,571	Work completed.
39,100	36,499	" to Office of Controller of Military Accounts	39,100	36,499	"
28,000	16,993	New female hospital for garrison	10,000	16,993	
2,05,010	5,000	Completing barrack accommodation for two Troops of Horse Artillery	70,000	5,000	
40,800	32,238	Family quarters for ditto	40,000	35,237A	A Including Rs. 3,000 for roads and drains.
3,200	3,131	Enlarging Guard-room in Horse Artillery Lines	3,450	3,131	Work completed.
<i>Bangalore.</i>					
12,00,000	10,41,781	New barracks with subsidiary buildings at Race-course	2,08,260	2,62,908	
1,05,200	1,05,667	Additions to old Dragoon Barracks to fit them for occupation by an European Regiment	20,900	10,341	Work completed.
72,000	1,36,258	Ulsoor Water-supply Project	20,000	72,572	
84,100	55,557	Soojee mill and bakery	30,278	16,020	
2,531	2,560	Road to, and wells near, Choora Camp, Hurryhur...	2,531	2,500	Work completed.
<i>Mercara.</i>					
44,000	21,476	Re-roofing Palace occupied by troops	20,000	10,069	
<i>Wellington.</i>					
33,936	34,036	Alterations to privies of married quarters	13,169	13,853	Work completed.
11,50,000	4,79,991	Lawrence Asylum Works	1,40,000	86,725	
		Rest-house at Erode	4,300	1,712	
<i>Cannanore.</i>					
1,05,300	88,199	Barracks for Artillery	31,589	41,502	
1,39,533	1,42,402	Quarters for married troops	7,441	20,585	
20,700	18,307	Grand Powder Magazine	7,200	7,023	
28,780	15,600	Commissariat godowns	8,780	10,520	
Less credits to Works			8,14,993	7,78,273	
Net amount			8,14,998	7,62,003	

13. Of the works entered in the foregoing list, the only one that need be noticed is the Ulsoor Water-supply Project, the outlay on which has exceeded the sanctioned estimate by Rs. 64,258. The work appears to have been still in progress, *vide* para. 22 of Progress Report for 1867-68, and it would, perhaps, be interesting to know what its total cost, including value of stores received from England, is likely to amount to.

	GRANT, 1867-68.
Quarters for Apothecaries at Bellary	Rs. 10,338
Work-shop for Artillery at "	3,700
Regimental and Reserve Magazine at Kurnool	2,500
Hospital at Bangalore	45,438
Sick stables for Cavalry at ditto	14,460
Loose-boxes for ditto	4,950
Drainage of Race-course barracks, Bangalore	20,000
Military Prison at Wellington	20,616
Two other works	3,000
Total	1,25,002

14. The items in the margin comprise the works on which no expenditure was incurred during the year, although a grant of Rs. 1,25,002 was provided for them. The explanation furnished of the grant having lapsed is, that the estimates for the several works were either not submitted during the year, or were sanctioned too late to admit of operations being commenced.

AMOUNT OF ESTIMATE.	ACTUAL OUTLAY TO END OF 1867-68.		OUTLAY, 1867-68.	
Rs.	Rs.		Rs.	
<i>Bellary.</i>				
18,950	19,734	School-room, with Place of Worship at Bellary	5,302	
5,010	5,073	Commissariat Sergeant's quarters at Ramandroog	1,059	Work completed.
5,560	5,122	Armourer's shop for European Infantry Regiment	1,096	Work completed
8,490	8,884	Workshop for European Infantry	4,358	"
3,770	3,812	Blacksmith's forge at Bellary	1,507	
6,000	4,813	Plunge-bath for Artillery	1,330	Work completed
20,525	20,525	Roman Catholic Place of Worship	1,912	
		Other Works	478	
<i>Presidency.</i>				
		Fives' and Racket Court in Fort St. George	6,693	
13,900	9,565	Swimming-bath in Fort St. George	4,510	
2,820	2,836	Alterations to Arrack godown in Fort St. George	1,787	Work completed
16,000	22,564	Improving hollows and drainage, Perambore Lines	16,951	Work completed.
3,780	3,617	Altering bakery at Madras	3,244	
46,293	46,296	Reserve Powder Magazine	4,493	
<i>Wellington.</i>				
		Draining and improving bazaar at Wellington.	2,000	Work completed.
2,985	2,984			
<i>Cannanore.</i>				
		Enlarging burial-ground	1,439	Work completed.
5,120	5,237	Total	58,159	

15. In respect to the outlay of Rs. 1,57,854 incurred on works not provided for in the Budget-Estimate, it appears that, of this sum, Rs. 18,879 was spent in improvements, alterations, and additions to existing works, costing under Rs. 5,000 each; and Rs. 58,159, as per margin, on works which had been in progress during the previous year. The balance, Rs. 80,816, was expended on new works undertaken during the year as follows:—

AMOUNT OF ESTIMATE.	OUTLAY, 1867-68.
Rs.	Rs.
21,473	18,452
69,300	11,804
8,702	7,565
12,770	9,271
9,100	9,100
13,270	3,400
	750
15,350	7,049
7,716	7,838
	5,587
	80,816

16. Appropriations of Budget credits for all these works have been sanctioned by competent authority.

CIVIL BUILDINGS.

17. The grant of Rs. 7,44,000 for this head of service has been exceeded by Rs. 2,37,531, as will be apparent by the following abstract:—

No. OF WORKS.	GRANT.	OUTLAY.
	Rs.	Rs.
35	5,51,130	6,46,516
18	92,870	...
70	...	2,35,957
...	1,00,000	99,058
Total	7,44,000	9,81,531
Excess expenditure	...	2,37,531

Major Works provided in the Budget Estimate on which expenditure was incurred ...
 Major Works provided in Budget-Estimate on which no expenditure has been incurred ...
 Major Works not provided in Budget-Estimate on which expenditure has been incurred ...
 Minor Works ...

	GRANT.	OUTLAY.	EXCESS OUTLAY.
	Rs.	Rs.	Rs.
Central Jails	3,15,000	3,50,463	35,463
Zillah	96,644	1,55,734	59,090
Improvements and additions to Jails	20,712	56,036	35,324
Court-houses	47,978	79,419	31,441
Police buildings	31,674	40,153	8,779
Churches and Burial-grounds	2,000	46,911	44,911
Charitable Institutions	30,000	75,064	45,064
Revenue-buildings	222	50,590	50,368
Other Works	6,900	43,367	36,467
Famine Relief Works		2,000	2,000
Minor Works	1,00,000	99,058	942
Less outlay from contribution	6,51,130	9,99,085	
		17,554	
Grants for works on which no expenditure has been incurred	6,51,130	9,91,531	
	92,870		
	7,44,000	9,91,531	2,37,531

18. This excess outlay, the greater portion of which has been provided for by a re-appropriation of Budget credits, is due chiefly to the construction of Jails, as will be apparent on reference to the details in the margin, as also to the following Table in which the items comprising the grants and expenditure on Civil Buildings are given :—

AMOUNT OF ESTIMATE	ACTUAL OUTLAY TO END OF 1867-68		GRANT, 1867-68.	OUTLAY, 1867-68.	
Rs.	Rs.		Rs.	Rs.	
<i>Central Jails.</i>					
3,22,848	2,49,222	Rajamundry			
No estimate	83,511	Vellore	40,000	50,335	
ditto	1,24,797	Trichinopoly	75,000	65,187	
3,70,000	3,74,800	Coimbatore	50,000	1,13,749	
	92,696	Cannanore	75,000	48,731	
				72,461	Work completed
			3,15,000	3,50,463	
<i>Zillah Jails.</i>					
18,818	14,380	Berhampoor (Zillah) improvements to			
82,326	59,321	Vizagapatam		9,406	
		Chingleput (subsidiary)	16,644	16,144	
		Converting old barracks at Vellore into Jail		2,486	
52,890	21,616	Civil Jail at Ootacamund		4,633	
80,000	56,047	New Jail at Calicut	10,000	24,616	
96,774	96,749	" at Madras	40,000	36,409	
2,900	2,885	Locks up, &c.	30,000	61,750	
				290	Work completed.
			96,644	1,55,734	
<i>Improvements and additions to Jails.</i>					
14,340	11,438	Jailors' quarters at Parvatipoor		2,461	
No estimate		Improvement to District Jail at Rajamundry		2,044	
4,000	15,439	" at Gantoor	4,150	5,150	
	4,236	" at Nellore		378	
		" at Bellary		10,393	
		Alterations to Commissariat and Central Subsidiary Jail at the Mount, Madras		3,824	Work completed.
		Altering Moonsiff's Court at Conjeeveeram for purpose of a Subsidiary Jail		2,400	
17,295	9,562	Extending Sub-Magistrate's Cutcherry at Terupoor for purpose of a Subsidiary Jail		2,100	
35,500	15,618	Improving Jail at Chittoor		5,951	
7,870	7,869	Altering and improving Cuddalore Jail		6,562	
3,000	3,133	Improvements to Salem Jail	10,000	10,581	
3,900	4,138	Works connected with Penitentiary, Madras		303	Work completed.
4,900	4,893	Alterations to Jail at Cochim		2,053	
		" to Tellicherry Jail		1,010	Work completed.
		Roofing Paumber's Jail		828	
			20,712	56,036	
<i>Court-Houses.</i>					
5,750	6,003	Sub-Magistrate's Cutcherry at Darungabodi	6,198	16,125	
		Taluq Cutcherry at Russelcondah		504	
		Carried forward	6,198	16,629	

AMOUNT OF ESTIMATE	ACTUAL OUTLAY TO END OF 1867-68.		GRANT, 1867-68	OUTLAY, 1867-68.	REMARKS.
Rs.	Rs.		Rs.	Rs.	
		Brought forward	6,198	16,629	
		Sessions Court-House at Vizagapatam		3,576	
		Sub-Magistrate's Cutcherry at Malabar	7,000	1,171	
27,500	27,499	Principal Sudder Ameen's and Small Cause Court, Madras	10,000	17,700	
		Sub-Magistrate's Cutcherry at Sroongavarapucotah		1,897	
		" at Almore	4,080	2,070	
		" at Coringa		5,002	
		" at Caroor		1,796	
		District Moonsiff's Court-House at Erode		958	
		" at Ongole	6,000	1,609	
11,334	11,310	Taluq Cutcherry at Danapooram		1,619	
14,400	1,609	" at Pullumpett		2,606	
		" at Coimbatore	4,200	182	
		" at Koidoonatha		3,596	
14,400	15,344	Additions and alterations to Talook Cutcherry at Ponnary	6,000	6,000	
		Talook Cutcherry at Trivellur	4,500	1,552	
24,500	6,000	" at Margaveram		3,990	
		Sub-Magistrate's Cutcherry at Ootramulloor		1,581	
		Sub-Collector's Cutcherry at Konghrem		2,150	
8,400	9,121	Sub-Collector's Cutcherry at Vythery		1,050	
		Other works	47,978	79,419	
<i>Police Stations.</i>					
		Ganjam (1756), Vizagapatam (3312), Godavery (160), Kistna (3987), Cuddapah (3109), North Arcot (3471), South Arcot (1203), Salem (2919), Trichinopoly (2500), Coimbatore (4168) Malabar (11,486), Madras (2052)	31,674	40,453	
<i>Churches and Burial Grounds.</i>					
		Church at Berhampoor		1,545	
19,640	15,096	New Burial Ground at Bangalore	2,000	9,473	
53,830	43,908	New Church at Ootacamund		28,907	
4,000	7,491	Roman Catholic Church at Ootacamund		4,000	
7,280		Church at Tellicherry	2,000	2,986	
<i>Charitable Institutions.</i>					
		Lunatic Asylum at Kilpauk	30,000	85,617	
No estimate.	55,646	Lock Hospital at Madras		25,000	
	25,000	Small works and improvements connected with the General Hospital at Madras		10,074	
		Civil Dispensary, Chittoor		1,214	
		Ditto Gaodaloor	30,000	3,159	
				75,064	Work completed.
<i>Revenue Buildings.</i>					
		Flooring Sea Custom House-yard, Madras		10,513	
16,000	12,514	Other buildings		38,067	
		Post Office at Vythery	222	2,000	
				50,580	
<i>Other Works.</i>					
		Extending Northern shed of Public Works Store-yard, Madras		11,588	
15,940	14,423	Water-supply to Guindy Park		2,555	
17,986	19,359	Alterations and improvements to Medical College	6,900	8,390	
51,650	51,517	Other Works	6,900	20,834	
				43,367	Work completed. Ditto.

Rupees 15,000 from contribution.

19. Of these works entered in the foregoing list, the only ones that call for comment, are the outlay on the Lunatic Asylum at Kilpauk, and the Central Jail at Trichonopoly, the estimates for which require to be submitted to the Government of India. The outlay on the Central Jail at Vellore is also irregular for want of a sanctioned estimate.

	GRANT, 1867-68.
	Rs.
* Talook Cutcherries.	
Twelve Talook Cutcherries at several Stations	72,000
Cutcherries for Sub-Magistrates.	
Five Cutcherries of this kind	14,570
Other Works.	
Record-room for Collector's Office, Madras	6,300
Total	92,870

20. The works provided in the Budget-Estimate on which no expenditure has been incurred, are detailed in the margin. The reason assigned for their not having been prosecuted during the year, is want of standard plans.

AGRICULTURAL, EXTRAORDINARY.

21. The following is an abstract of the grants and expenditure for this head of service :—

	NO. OF WORKS.	GRANT.	OUTLAY.
		Rs.	Rs.
<i>Original Works.</i>			
I.—Major Works classed as Extraordinary in Public Works Department, Resolution No. 36—43 A. I., dated 5th November 1867, and on which expenditure has been incurred	27	7,54,383	6,63,053
II.—Major Works classed as Extraordinary in the same Resolution, but the expenditure on which has to be classed as Ordinary for want of the specific orders of the Government of India, authorising such expenditure to be debited to Loan	14	2,03,617	...
TOTAL ORIGINAL WORKS	...	9,58,000	6,63,053
<i>Establishment.</i>			
III.—Proportion of charges debitable to this head	...	2,75,000	1,42,755
<i>Tools and Plant.</i>			
IV.—Proportion of charges debitable to this head	...	25,000	7,389
GRAND TOTAL	...	12,58,000	8,13,197
SHORT OUTLAY	...	4,44,803	...

	GRANT.	OUTLAY.	SHORT OUTLAY.
	Rs.	Rs.	Rs.
Godavery Works	1,16,113	77,426	38,687
Kistna Canals	2,50,944	2,09,802	41,142
Oormain Canals, Pennair... .. .	37,326	62,363	Excess.
Madras water-supply	3,00,000	2,85,153	25,037
Regulating works for improvement of River Cauvery	50,000	28,309	14,847
Total	7,54,383	6,63,053	21,691

22. Of this short outlay, Rs. 91,330 is accounted for in the margin, and the remainder as follows :—

Rs.

Grants for works proposed to be classed as Extraordinary, which are still treated as Ordinary for want of the specific orders of the Government of India, authorising the outlay on these works to be debited to Loan

Balance of grant for Establishment and Tools and Plant

23. Having already explained in paras. 4 and 9 of this Report how the last two items have been disposed of, they need not be noticed further here.

21. The details of Extraordinary Irrigation Works which were in progress during the year, are as follows :

AMOUNT OF ESTIMATE.	OUTLAY TO END OF 1867-68.		GRANT, 1867-68.	OUTLAY, 1867-68.	REMARKS.
Rs.	Rs.		Rs.	Rs.	
8,00,000	2,93,646	<i>Godavery Works.</i>	9,851	15,468	Work completed.
1,03,234	39,115	Raising Godavery Anicut	20,000	17,045	
16,500	1,761	Improvements to Akeed Canal	16,500	1,761	
3570	3,748	Aqueduct across Cowica drain	3,570	1,548	
1,31,200	25,715	Do. over Chintapolly Calingolah Channel	30,000	25,715	
16,760	2,465	Widening and improving Samulcottah Canal	6,342	2,465	
21,420	4,979	Irrigation works of Ellore High-level Canal	20,500	4,979	
9,350	8,445	Widening and re-building side wall of Gunaram Aqueduct	9,350	8,445	
6,02,034	3,79,874	Constructing a lock and calingulah below the Gunaram Aqueduct	1,16,113	77,426	
1,77,000	41,015	<i>Kistna Canals.</i>	40,000	41,015	
20,080	7,741	Enlarging and improving channels in the Masulipatam Section of Kistna Delta	20,080	7,741	
49,860	14,503	Widening head of Masulipatam Main Canal	30,000	14,503	
15,610	12,845	Excavating an Irrigation Channel on west side of Masulipatam Canal	15,610	12,845	
48,757	19,097	Ditto ditto east side of ditto	25,000	19,097	
1,95,770	1,26,778	Side channels from Duggeralla to Nizampatam	40,000	49,921	
1,04,050	1,01,616	Extending Commamore Channel	8,569	6,805	
1,46,479	1,26,760	Widening lower portion of the Poliard Channel	19,000	15,844	
2,76,404	1,31,631	Channel from Wallabopooram to Tide-water	19,000	14,346	
30,570	26,370	Sloping down banks of main channel from the Southern flank of Anicut	11,225	7,357	
7,769	9,570	First class lock at Duggeralla	5,000	9,570	
2,94,815	2,93,897	Second class lock at Jagarlamooddy	2,000	675	
10,460	4,754	Cutting a new channel from Pedavadlapoody to Nizampatam	10,460	4,754	
5,400	5,329	Excavating a drainage channel to dispose of four dra nages which at present run into Vellaton Channel	5,000	5,329	
13,83,024	9,24,906	Drainage channel from outlets across the Ramparoo Swamp	2,50,944	2,09,802	
59,600	57,224	<i>Pennair Canals.</i>	8,512	5,135	
4,12,100	57,223	Canal of Irrigation from Nellore to Kistnapatam	25,000	57,228	
92,630	...	Improvements to Sorapolly Channel	3,814	...	
5,64,330	1,14,452	Connecting Sorapolly Channel with Jaffir Sahib's Channel	37,326	62,363	
6,11,759	3,45,464	<i>Madras water-supply Project</i>	3,00,000	2,85,153	
1,10,090	28,309	<i>Regulating works for improvement of the Cauvery</i>	50,000	28,309	
7,920	7,920	Shutters for head and under-slucies of Godavery Anicut	7,920	7,920	
1,04,000	79,312	Works for cross drainage channel of Ellore High-level Canal	42,799	25,165	
22,400	12,657	Channel from Venkotgherry River to Chennai Tank	4,000	8,010	
16,400	15,634	Improving embankment along Pennair River	4,577	4,602	
81,880	78,043	Sluice and seven arches, Lower Coleroon	31,169	24,219	
16,000	14,853	Anicut	31,750	22,951	
70,400	33,917	Apron in advanced portion of ditto	7,500	7,500	
7,500	14,665	Completing wall and apron along South Branch of ditto	16,500	9,620	
16,500	11,104	Rough stone for Lower Coleroon Anicut	3,470	2,500	
12,380	14,999	Surplus sluices for the Wyacondun Channel	10,000	14,999	
24,800	8,240	Ten ditto on North bank of Coleroon	8,300	8,240	
8,240	7,500	Completion of the Wyacondun Extension Project	7,500	7,500	
28,000	28,000	Cutting channel to Cauveripank Tank	28,000	17,911	
		Improving Mahandrarody Channel	2,03,785	1,61,137	
		Widening and improving main channel Cheyoor Anicut	168	...	
		Less reduction to make the total grant an even one	2,03,617	1,61,137	

25. The details given in the margin show the several works, the grants for which, aggregating Rs. 2,03,617, were provisionally classed as "Extraordinary" in Public Works Department Resolution No. 36 A. I., dated 5th November 1867, but the outlay on which, amounting to Rs. 1,61,137, has been debited to "Revenue" for want of specific orders authorising the expenditure to be charged to Loan.

AGRICULTURAL, ORDINARY.

26. The following is an abstract of the grants and expenditure under this head of service :—

	GRANT.	OUTLAY.
<i>Original Works.</i>		
Major Works classed as Ordinary on which expenditure has been incurred the Budget provision for which was classed as Extraordinary, but the outlay on which could not be debited to that head for want of the orders of the Government of India authorising such to be done. See para. 4	Rs. 3,42,000	Rs. 3,96,613
Minor Works	2,00,000	1,61,137
TOTAL	5,42,000	5,57,750
<i>Repairs.</i>		
Grant and outlay under this head	10,75,000	10,91,232
<i>State Outlay on Guaranteed Irrigation Works.</i>		
Control and purchase of land	42,000	31,301
GRAND TOTAL	16,59,000	17,94,186
EXCESS OUTLAY		1,35,186

27. The cause of this excess has already been explained in para. 4 of this Report, and need not therefore be stated here.

28. The works originally provided for in the Budget-Estimate as Ordinary, and those of the same class undertaken during the year, are detailed below :—

AMOUNT OF ESTIMATE	OUTLAY TO END OF 1867-68.		GRANT, 1867-68.	OUTLAY, 1867-68.
Rs.	Rs.		Rs.	Rs.
		<i>Godavery Canals.</i>		
8,450	4,165	Channel to irrigate land in village of Yendamam	...	4,165
5,631	5,631	Tow-path between Vegaswar and Nedadavole	...	5,631
...	...	Four other small works costing under Rs. 2,500 each	...	7,772
...	...	Compensation for land	...	46,698
		<i>Kistna Canals.</i>		
12,070	11,315	Clearing and improving Manunghy drainage	...	339
11,250	11,245	Strengthening head-sluiice of Kistna Anicut	...	3,403
6,130	4,098	Excavating a channel to Kykalore	...	4,098
7,350	...	Still water navigable channel from Buntomully	...	6,978
...	...	Three other small works	...	1,442
...	...	Compensation for land	...	1,788
		<i>Nellore District.</i>		
18,130	18,091	Improving Nellore Tank	3,918	4,119
		<i>Cuddapah.</i>		
14,250	13,585	Two small works of channels	8,860	7,095
...	...	Restoring two tanks...	14,250	13,585
		<i>Bellary.</i>		
12,720	6,662	Improving supply channel to Narayanadaverkerri Tank	...	6,662
39,400	18,549	Restoring Gotton Tank	39,400	18,549
5,830	1,952	Pathacathoo Cherroo Tank	...	1,952
6,900	3,452	Restoring Yerrabonnabally Tank	6,800	3,452
...	...	Small Works...	...	56
		<i>Madras.</i>		
7,370	7,523	Stone rivetment to breached portions of Bungaroo Channel	7,370	7,523
5,300	5,301	Widening head of Bungaroo Channel	...	5,301
3,55,453	20,000	Anicut across Neengunadungoo	9,000	11,382
20,900	4,030	Chembrambankum Tank	...	20,000
...	...	Project for utilizing surplus water of the Madras-cotum Tank	...	4,030
...	...	Three other works	12,100	11,826

AMOUNT OF ESTIMATE.	OUTLAY TO END OF 1867-68.		GRANT, 1867-68.	OUTLAY, 1867-68.
Rs.	Rs.		Rs.	Rs.
		<i>North Arcot.</i>		
31,700	30,437	Calingulabs and channels to tanks...	13,080	11,536
7,700	8,084	Re-constructing dam across Seear River	31,700	30,437
5,300	5,512	Restoring Calasamundam Tank	...	8,084
...	...	" Turanjee Coopum "	...	5,512
		<i>South Arcot.</i>		
45,400	26,978	Cutting the Pauby Channel	39,524	26,978
8,830	8,830	Improving supply channel from the Ragavien Channel	5,000	8,830
34,750	27,022	Anicut across the Maunmilhanuddy River	34,750	27,022
...	...	Three other works	2,982	4,024
		<i>Salem District.</i>		
...	...	Construction of two anicuts and restoration of a third one	18,720	3,562
...	...	Construction of two tanks and ditto ditto	15,000	5,737
		<i>Tanjore.</i>		
No estimate	819	Taking up old apron and re-laying at Lower Cole-roon Anicut	...	819
...	...	<i>Trichinopoly.</i>		
30,500	13,950	Nundiar Anicut Extension Project	20,000	13,950
...	...	<i>Coimbatore.</i>		
58,318	54,808	Masonry sluices in Thadapally Channel	3,179	4,337
16,100	5,432	Aqueduct over the Mangmury Stream	9,913	5,432
24,700	7,087	" over the Vanipootoor Stream	24,700	7,087
17,696	17,696	Improvements to Calinguvary Channel	17,696	17,696
...	...	Six other small works	...	7,627
		<i>Works in other Districts.</i>		
...	...	Expenditure on Famine Relief Works by Civil Department for which details have to be furnished	...	7,775

29. The expenditure shown above without grants has been duly provided for by re-appropriations of Budget Credits.

30. From the entries under the head "Repairs," it will be seen that the grant has been very closely worked up to.

31. The following Table will show the total outlay incurred on Agricultural repairs during the last four years.

	1864-65.	1865-66.	1866-67.	1867-68.
	Rs.	Rs.	Rs.	Rs.
Repairs to works in the Delta of the Godavery	92,408	93,276	58,479	52,899
" to " Kistna	93,260	67,991	86,509	21,018
" to Tanks in various Districts	73,547	43,165	89,606	47,494
" to Irrigation channels in various Districts	46,196	51,962	52,633	94,501
" to Anicuts in various Districts	20,765	22,751	12,363	12,332
Aggregate expenditure on repairs against estimates amounting to Rs. 2,500 and under each	7,79,233	6,42,543	6,25,774	7,72,174
Famine Relief Works	11,05,409	9,21,693	8,75,364	10,91,232

32. The expenditure of the last year includes a sum of Rs. 90,814 incurred by the Civil Department on Famine Relief Works.

33. The Table in the margin shows the expenditure incurred during 1867-68 by Government in connection with the Madras Irrigation and Canal Company, compared with the grant assigned to this service, and the outlay during three preceding years. The only point calling for remark in connection with this expenditure is, that there is no information as to what the total cost by the State in purchase of land amounts to, and whether a proper register of the land so purchased is kept up by the Civil Officers concerned. Enquiry might be made on this point

	BUDGET GRANT 1867-68.	OUTLAY, 1867-68.	OUTLAY, 1866-67.	OUTLAY, 1865-66.	OUTLAY, 1864-65.
	Rs.	Rs.	Rs.	Rs.	Rs.
Establishment-Control	27,502	24,842	22,839	33,020	24,764
Ditto for taking up land	2,498	686	5,910	411	7,858
Purchase of land	12,000	5,773	1,088	...	12,622
	42,000	31,301	29,837	33,431	45,244

COMMUNICATIONS.

34. The outlay under this head has been Rs. 4,01,695 in excess of the grant, as shown below:—

	NO. OF WORKS.	GRANT.	OUTLAY.
Major Works provided in the Budget-Estimate on which expenditure has been incurred ...	66	Rs. 5,67,308	Rs. 6,84,239
Major Works provided in the Budget-Estimate on which no expenditure has been incurred ...	6	27,692	
Major Works not provided in the Budget-Estimate on which expenditure has been incurred ...	31	70,000	3,59,045
Minor Works ...			26,411
TOTAL ...		6,65,000	10,69,695
EXCESS OUTLAY ...			4,01,695

35. Of this excess, Rs. 1,90,175, or nearly one-half, is on account of Famine Relief expenditure already referred to, and the balance, the greater portion of which has been covered by a re-appropriation of Budget Credits, is due to the ordinary operations of the Department. The following Table exhibits in one view the whole of the items comprising the grants and expenditure under Original Works, Communications:—

AMOUNT OF ESTIMATE.	OUTLAY TO END OF 1867-68.	WORKS.	GRANT, 1867-68.	OUTLAY, 1867-68.	
Rs.	Rs.		Rs.	Rs.	
		<i>Trunk Road No. VI.</i>			
19,810	12,909	Road in sandy portions of road in Ganjam District		4,010	
10,620	7,798	Renewing Trunk Road from Berhampoor to Mahundray		3,708	
36,861	36,861	Trunk Road from Soobeha to Bengal Frontier		7,798	
1,32,785	55,279	Masonry works in Trunk Road No. 6, Vizagapatam District		1,305	
26,077		Trunk Road No. VI from Chiltavala to Chucacola	7,000	6,999	
43,714	39,531	Section of road from Guntoor to Seetanagram	1,000	2,000	
68,630	52,457	Improving portion of Trunk Road between 49th and 95th miles	5,903	4,952	
25,130	19,749	Embanked road and masonry works across Mussunur Valley	8,000	11,002	
		Masonry works between 116th and 185th miles	5,000	4,079	
		Constructing Pydarim Bridge		4,176	
40,460	40,242	<i>Trunk Road No. 4 from Madura to the Travancore Country</i>	26,903	50,029	
62,700	56,963	Road from Ganjam to Aska	5,000	18,784	Exclusive of Rs. 3,114 from Income Tax Grant.
1,61,110	57,385	Excavating a canal from Chulka Lake to Ganjam River		5,311	
44,640	28,617	Road from Aska to Russelcondah	30,000	42,176	
47,690	32,766	Road from Alka to Durungabaty	8,000	12,000	
27,950	27,919	Branch road from Balipadra to Korehelly	7,000	9,915	
1,15,000	74,397	Road from Vizagapatam to Cosmpoor		2,367	
63,820	54,580	Road from Vizagapatam to Burdara	7,000	8,000	
		Constructing road and clearing jungle in Jeypoor Country		3,210	
1,01,000	71,364	Nellore and Dorenal Road	10,000	21,009	
76,008	76,007	Road from Cuddapah to Kurnool Frontier	7,000	9,047	
2,08,631	2,05,413	Road from Bellary to Cuddapah		7,189	
1,43,000	1,32,599	Iron Screw-Pile Bridge over the Coom River		5,000	
				32,666	Exclusive of Rs. 68,161 from Income Tax Fund.
63,250	34,189	Road from Tripally to Calastry, and from thence to Nadoopetti			
70,410	61,453	Opening canal between Negapatam and Vedarinem	14,000	13,589	
			30,000	30,000	Exclusive of Rs. 1,211 from Income Tax Grant.
50,000	48,900	Road from Trichinopoly to Salem		10,188	
43,600	39,859	Road from Trichinopoly to Arealow and Vedarinem	7,000	7,000	
13,800	12,959	Forming Durdigal Road		1,973	
2,40,000	2,06,634	Neelgherry Hill Roads			Exclusive of Rs. 1,011 from Income Tax Grant.
81,400	40,705	Coonoor Ghât Hill Trace			
38,427	16,427	Gondalor Ghât	23,667	49,852	
		Road connecting Kotagberry and Wellington with the new Coonoor Ghât	10,000	9,591	
72,100	42,619	Burghoor Ghât new Trace	5,000	7,000	
66,762	25,149	Other works chiefly small bridges	5,000	8,029	
		New road from Ootacamund to head of Gondalor Ghât		7,440	
			8,000	10,680	

AMOUNT OF ESTIMATE.	OUTLAY TO END OF 1867-68.	WORKS.	GRANT, 1867-68.	OUTLAY, 1867-68.	REMARKS.
Rs.	Rs.		Rs.	Rs.	
		<i>Carcoor Ghât Roads and bridges below Malabar.</i>			
		Earth-work of ditto	6,802	4,802	
82,550	25,683	Road below Carcoor Ghât from Mambol to Condotry	10,000	15,747	
51,600	31,661	Bridges on ditto	12,000	12,000	
90,230	33,155	Other works		3,423	
7,400	7,454				
		<i>Road above Carcoor Ghât, Wynaad.</i>			
		Carcoor Ghât	17,960	22,928	
1,07,400	73,973	Carcoor Ghât to Goodalore	10,000	16,243	
64,086	43,548	Road from Goodalore to Tippacandoo	10,000	4,930	
58,388	43,312	Tambracherry Ghât	25,000	55,381	
1,46,412	1,36,220	Road between Luckady and Kalpothy	7,445	908	
25,150	19,181	Road between Vythery and Kalpothy	19,403	4,835	
41,400	20,260	Road from Kalpatty to Sultan's Battery	12,194	18,088	
20,000	20,175	Road from Sultan's Battery to Mysore Frontier	13,000	9,706	
30,000	21,445	Culverts and bridges on this section of road	28,020	8,290	
		Bridge over the Koomooth River	8,000	7,702	
		Kalpatty Bridge	8,100	3,579	
16,000	17,964	Improvement to Bowally Road towards Mysore Frontier	25,000	45,746	
14,500	7,167	Road from Manantoddy to Coorg Frontier			
78,000	92,173	Territo Road	5,500	1,641	
10,000	3,110	Road and bridges between Calicut and Palghat	17,500	10,327	
		Bridges on road to connect Mongalore and Cannanore		5,351	
37,500	10,327	Road from Terroomanghalum to Pulvey	3,307	3,371	
1,59,658	61,012	Bridge across Shurmoogoody River, Madura			
		Construction of roads in Vizagapatam District	5,000	10,212	
1,65,000	59,537	Pettah Ghât Road, Vizagapatam	15,000	22,662	
37,590	37,590	Famine Relief Works executed by Civil Officers		688	
1,30,000	80,269	Other works	15,000	21,197	
		Improvements to existing roads		10,788	
		Branch roads		12,000	
		Small bridges on existing lines of roads	7,000	1,90,175	
		Add provision made in Budget-Estimate for works on which no expenditure was incurred			
		Add grant for Minor Works			
		Total	6,65,000	295	
		Less sum included above being expenditure from contributions	6,65,000	1,600	

36. The following is the detail of the items comprising the grants and expenditure under this head:—

AMOUNT OF ESTIMATE.	OUTLAY TO END OF 1867-68.	WORKS.	GRANT, 1867-68.	OUTLAY, 1867-68.	REMARKS.
Rs.	Rs.		Rs.	Rs.	
		Harbour Light house Flag Staff		1,513	Work completed.
		Progress and dredging at Coconada			
74,535	74,524	Extension of conduits for conveying Kistna water within Town and Cantonment of Mussulipatam	12,650	12,633	Ditto
18,650	13,633	Fencing certain portion of the Caum River, Madras		3,488	Ditto
3,488	3,488	Cutting inner angle of Reef Channel at Paumben	7,350	5,450	
43,340	32,920	Deepening Paumben Channel	5,000	200	
22,810	200	Expenditure by Civil Department on Famine Relief Works		82,954	
		Minor Works		5,060	
		Total	30,000	1,11,298	

37. It will be noticed that an outlay of Rs. 12,633 has been incurred in the extension of the conduits for carrying Kistna water within the Town and Cantonment of Mussulipatam. There is nothing on record to show that the State derives a fair return for the money thus laid out.

MINOR WORKS.

38. The following is an abstract of the grants and expenditure on Minor Works from 1864-65 to 1867-68 :—

HEADS OF SERVICE.	1864-65.		1865-66.		1866-67.		1867-68.	
	Grant.	Outlay.	Grant.	Outlay.	Grant.	Outlay.	Grant.	Outlay.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Military	2,29,047	70,505	1,51,700	72,996	1,35,000	61,380	1,05,000	1,19,684
Civil Buildings	1,88,419	74,043	1,19,250	81,725	1,16,100	91,161	1,00,000	99,058
Agricultural	1,08,474	76,883	1,73,603	84,019	1,93,500	67,992	2,00,000	1,13,903
Communications	1,36,375	35,470	1,32,050	39,416	1,26,000	33,958	70,000	26,411
Miscellaneous Public Improvement	9,027	1,836	40,000	1,446	45,000	4,017	5,000	5,060
	6,71,342	2,58,737	6,16,603	2,86,602	6,15,600	2,58,538	4,80,000	3,64,116
Outlay less than grant	4,12,605		3,30,001		3,67,062		1,15,884	

39. It is satisfactory to observe that the requirements of the Presidency under this head are beginning to be more closely estimated than has been the case hitherto. The outlay, however, under the heads "Military" and "Agricultural" appears to be increasing. Some explanation as to the cause of this might, perhaps, be required.

REPAIRS.

40. An abstract of the grants and the expenditure on Repairs from 1864-65 to 1867-68 is given in the following Table :—

HEADS OF SERVICE.	1864-65.		1865-66.		1866-67 (11 months).		1867-68.		DIFFERENCE BETWEEN OUTLAY AND GRANT, 1867-68.	
	Grant.	Outlay.	Grant.	Outlay.	Grant.	Outlay.	Grant.	Outlay.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Military	1,31,314	1,45,406	1,32,856	1,43,280	1,19,700	1,49,403	1,55,000	1,55,211	..	211
Civil Buildings	1,50,865	1,10,479	1,35,984	84,482	1,19,224	96,920	1,02,000	1,01,559	441	..
Agricultural	10,85,281	11,05,409	10,00,000	9,21,693	8,67,109	8,75,364	10,75,000	10,91,232	..	16,232
Communications	11,02,245	11,30,286	12,00,615	10,82,614	10,29,897	10,00,487	11,28,000	13,42,993	..	2,14,993
Miscellaneous Public Improvement	30,295	27,561	30,545	19,348	24,070	7,770	24,000	38,980	..	14,980
Total	25,00,000	25,28,141	25,00,000	22,51,417	21,60,000	21,29,944	24,84,000	27,29,975	..	2,45,975

Civil Buildings	Rs. 125
Agricultural	90,814
Communications	2,48,025
Miscellaneous Public Improvement	31,550
Total	3,70,514

41. The excess outlay of Rs. 2,45,975 against the grant for 1867-68, is due to the famine of 1866-67, the charges on account of which have amounted to Rs. 3,70,514, as per margin. Excluding this item, the result would really be a short outlay of Rs. 1,24,539, and the comparison with previous years outlay would be—

	Rs.
1864-65	25,28,141
1865-66	22,51,417
1866-67 (11 months)	21,29,944
1867-68	23,59,461

42. The following Table, showing the details of the expenditure incurred on Repairs (Military) during the last four years, may be useful :—

	1864-65.	1865-66.	1866-67.	1867-68.
	Rs.	Rs.	Rs.	Rs.
Repairs to Cantonment Roads, Bellary	5,499	4,207	3,947	4,641
" to " Bangalore	5,332	6,000	6,000	5,950
" to roads within Military limits, Madras	5,172	1,397	14,893	14,047
" to Military Buildings, Bellary	6,380	..	3,542	..
" to " Wellington	17,559	..	5,619	..
" to " Cannanore	..	..	..	..
" to " Madras	..	8,328	7,246	..
" to " Bangalore	..	..	..	2,833
" to " Coimbatore	..	..	..	5,597
" to "	..	..	..	7,965
" to fortifications, Madras	1,05,464	1,17,254	1,08,156	1,14,178
Aggregate of expenditure on repairs incurred against estimates amounting to Rs. 2,500 and under in each case	1,45,406	1,43,280	1,49,403	1,55,211
Total	1,45,406	1,43,280	1,49,403	1,55,211

43. The cost of maintaining the roads in the Madras Presidency for each year from 1864-65 to 1867-68, inclusive, is as follows :—

	1864-65.	1865-66.	1866-67.	1867-68.
	Rs.	Rs.	Rs.	Rs.
Trunk Roads. Repairs to Trunk Road No 1	45,218	39,197	41,096	50,071
" " " 2	7,250	6,396	9,804	11,912
" " " 3	4,426	3,961	4,115	7,359
" " " 4	38,268	19,772	18,258	45,008
" " " 5	19,595	18,440	23,320	38,010
" " " 6	64,807	48,893	54,240	79,174
" " " 7	6,899	12,015	6,568	10,036
" " " 8	59,570	44,931	48,402	40,087
" " " 9	9,789	8,890	5,510	14,799
" " " 10	12,800	10,725	9,695	11,677
" " " 11	20,195	17,169	12,744	14,158
" " " 12	4,675	5,177	4,248	12,230
" " " 13	..	..	4,304	..
" " "	..	7,683	17,750	10,605
" " "	10,250	12,245	11,590	21,652
" " "	9,128	6,775	2,119	16,754
" " "	18,368	9,764	12,077	13,507
" " "	12,452	29,265	29,265	39,722
District Roads. Ganyam District	55,863	45,254	50,313	56,538
Vizagapatam	34,582	57,850	28,726	34,304
Kistna	30,384	33,280	13,976	55,603
Nellore	21,384	18,512	13,354	12,257
Cuddapah District	12,105	14,600	35,359	36,206
Bellary	37,759	22,204	17,266	20,907
Kurnool	29,658	18,930	20,139	26,330
Madras	24,552	20,745	45,392	58,010
North Arcot	44,692	55,161	16,298	13,271
South Arcot	27,074	16,767	41,220	50,571
South Canara	34,114	43,541	16,879	27,402
Salem	31,036	27,434	21,740	30,453
Coimbatore	26,921	23,918	5,701	5,701
Tanjore	33,260	46,886	..	3,688
Malabar	..	..	..	2,48,025
Trichinopoly	..	..	..	..
Madura	..	..	..	..
Tinnevely	..	..	..	..
Godavery	..	..	..	..
Expenditure by Civil Department on Famine Relief Works	2,67,337	3,09,249	2,75,632	2,23,305
Aggregate expenditure on repairs against estimates amounting to Rs. 2,500 and under each	..	..	..	..

ESTABLISHMENT.

44. The total grant assigned for this head of service from Imperial Funds amounted to Rs. 18,20,000. The charge against Imperial Funds has been Rs. 16,60,225, so that there has been a saving of Rs. 1,59,775 or about 8 per cent. of the allotment. This saving is due to two causes, first, to a larger debit having been raised to Local Funds than was provided for in the Budget-Estimate; and second, to a mistake in the preparation of the Budget-Estimate. Vide

Exclusive of Rs. 81,679 expended on purely Local Fund Establishment. letter from Madras Government No. 1167, dated 18th April 1868.

45. As already explained in para. 9 of this Report, the saving under this head has been applied to augment the grants for Civil Works where necessary.

47. It will be seen that, although the total Imperial charges for Establishment have increased within this period by about 3½ lakhs, the percentage on the total outlay is gradually decreasing. This seems satisfactory.

TOOLS AND PLANT.

48. The outlay of Rs. 80,986 under this head has fallen short of the grant by Rs. 78,014. This is chiefly due to the omission from the Indian Budget Accounts of expenditure of the charges incurred in England for stores for India.

49. Since 1864-65, the outlay on this head has been as follows:—

PROFIT AND LOSS.

50. The charge to this head in the Accounts of 1867-68 has been Rs. 18,724, made up as follows, as compared with the expenditure of the three previous years:—

(17)

STATE EXPENDITURE ON GUARANTEED RAILWAYS.

51. The following is an abstract of the grants and expenditure for this head of service for 1867-68:—

SUMMARY.

52. The following Table showing the expenditure in Madras under the heads Ordinary and Extraordinary will be of use in facilitating the compilation of the general accounts of the Department:—

				ORDINARY EXPENDI- TURE.	EXTRAORDINARY.				GRAND TOTAL.
					Military.	Irrigation.	Communi- cations.	Total Ex- traordi- nary.	
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Original Works.</i>									
Military ...	...	...	...	2,00,818	8,38,723	...	...	8,38,723	10,39,541
Civil Buildings ...	...	...	...	9,81,531	...	...	...	...	9,81,531
Agricultural ...	...	...	...	6,71,653	...	6,63,053	...	6,63,053	13,34,706
Communications ...	...	...	...	9,97,519	...	...	72,176	72,176	10,69,695
Miscellaneous Public Improvement ...	...	...	...	1,11,298	...	...	...	...	1,11,298
				29,62,819	8,38,723	6,63,053	72,176	15,73,952	45,86,771
<i>Repairs.</i>									
Military ...	...	...	...	1,55,211	...	...	...	...	1,55,211
Civil Buildings ...	...	...	...	1,01,559	...	...	...	...	1,01,559
Agricultural ...	...	...	...	10,91,232	...	...	...	...	10,91,232
Communications ...	...	...	...	13,42,993	...	...	...	...	13,42,993
Miscellaneous Public Improvement ...	...	...	...	38,980	...	...	...	...	38,980
				27,29,975	...	...	...	...	27,29,975
				56,92,794	8,38,723	6,63,053	72,176	15,73,952	72,66,746
<i>Total Original Works and Repairs.</i> ...	...	...	...	15,17,470	...	1,42,755	...	1,42,755	16,60,225
<i>Establishment</i> ...	...	...	...	73,597	...	7,389	...	7,389	80,986
<i>Tools and Plant</i> ...	...	...	...	18,724	...	...	...	...	18,724
<i>Profit and Loss</i> ...	...	...	...	31,301	...	...	...	...	31,301
<i>State Outlay on Guaranteed Irrigation Works</i>				73,33,586	8,38,723	8,13,197	72,176	17,24,096	90,57,982
				44,698	...	...	...	...	44,698
				72,89,188	8,38,723	8,13,197	72,176	17,24,096	90,13,284
<i>Less decrease in Stock</i> ...	...	...	...	1,30,094	...	...	...	...	1,30,094
<i>Grand Total</i>				74,19,282	...	...	...	...	91,43,378
<i>State Outlay on Guaranteed Railways</i>					...	...	...	...	

OUTLAY FROM LOCAL FUNDS BY OFFICERS OF THE PUBLIC WORKS DEPARTMENT.

53. This expenditure has amounted to Rs. 14,83,455 as shown in the following Table:—

HEADS OF SERVICE.	ORIGINAL WORKS.	REPAIRS.	TOTAL.
	Rs.	Rs.	Rs.
Civil Buildings	74,748	2,457	77,205
Agricultural	8,95,548	3,28,160	12,23,708
Communications	12,110	1,995	14,105
Miscellaneous Public Improvement	9,82,406	3,35,076	13,17,482
	ESTABLISHMENT	...	1,63,580
	TOOLS AND PLANT	...	2,393
	TOTAL	...	14,83,455

<i>Original Works.</i>				Rs.
Civil Buildings, chiefly for Churches	...	...	...	17,554
Communications	...	...	...	1,600
Miscellaneous Public Improvement	...	...	...	841
<i>Repairs.</i>				19,995
Agricultural	...	...	...	1,837
Local Funds	...	...	...	21,832
	...	...	...	1,306
	...	...	...	23,138

54. This is exclusive of a sum of Rs. 23,138, as per margin, expended from contributions by Officers of the Public Works Department.

PUBLIC WORKS REVENUE.

55. The following Table compares the receipts from this source during 1867-68 with the Budget and Regular-Estimates for that year, and the receipts of the three preceding years:—

	ACTUAL RECEIPTS OF THE YEAR.			BUDGET-ESTIMATE, 1867-68.	REGULAR-ESTIMATE, 1867-68.	RECEIPTS.		
	In the Public Works Department.	In the Civil and Military Departments.	Total.			1866-67.	1865-66.	1864-65.
	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.
Tolls, dues, fees, fines, and refunds	1,03,474	12,753	1,16,227	55,000	1,20,200	70,897	1,29,945	1,17,300
Rents of buildings	15,301	1,098	17,299	18,000		35,210	3,102	
Sales of produce	1,569	5,129	6,698	12,000		9	8,852	
„ of buildings, tools and plant	23,509	8,480	31,989	41,000		33,575	29,270	
Total	1,43,853	28,360	1,72,213	1,26,000	1,20,200	1,39,691	1,71,169	1,17,300

RESOLUTION.—The Governor General in Council observes that the total expenditure from Imperial Funds on Public Works in Madras during 1867-68, has amounted to Rs. 91,43,378, being Rs. 4,59,378 in excess of the Budget Grant assigned for the purpose. This is mainly due to expenditure incurred in previous years by Civil Officers on Famine Relief Works having been brought to debit as a charge against the Budget Grant for 1867-68, so that, on the whole, the results presented in the Account may be considered satisfactory.

2. With reference to the outlay of Rs. 6,55,426 on these Famine Relief Works, the Governor General in Council requests that a statement may be furnished, showing the specific manner in which this expenditure has been incurred.

3. In respect to the outlay incurred on the Ulsor Water-supply Project noticed in para. 13 of the Report by the Accountant General, the total probable cost of completing this work should be stated.

4. Referring to para. 19 of the Report, regarding the outlay on the Lunatic Asylum at Kilpauk, and the Central Jail at Trichinopoly, the attention of the Government of Madras should be invited to para. 9 of the Budget Orders for 1868-69, with a request that the estimate for these two works may be submitted for the sanction of the Government of India as early as possible.

5. In respect to the outlay by the State in purchase of land for the Madras Irrigation and Canal Company, the Governor General in Council desires to be informed as to whether a proper register is kept by the several Civil Officers of the land so purchased. Information should also be furnished at the same time of the revenue realized, if any, from the conduits for supplying the Town and Cantonment of Masulipatam with water, *vide* para. 37 of Report by Accountant General.

ORDER.—Ordered, that this Resolution be forwarded to the Government of Madras for information and guidance, and to the Financial Department for information.

(Wickham) Colonel, R. A.,
Secy. to the Govt. of India.

To the Secretary to the Government of Madras
P. W. Department.

17/80 81/11
Princ. Secy for P.W.D.
GOVERNMENT OF INDIA
PUBLIC WORKS DEPARTMENT.
ACCOUNT.

To

No. 813 A.

Dated SIMLA, October 23, 1868.

Received *18 Decr/68*

No 106
No 352-3rd Feb/69.

Orders on Madras Annual Appropriation and
Outlay Account for 1867-68.

23rd Decr 1868 28 Jan/69.

17/80 81/11
No. 352 352 12
Proceedings of the Madras Government
Under date the 3rd Decr/68
Read the following.

on the Secy to the
Govt of India P.W.D.

17/80 81/11
No 813 A dated
28th October 1868.

Communicated
to the Superintending Engineer
and to the Controller of
Public Works Accounts.

17/80 81/11
P.W.D. 2 and 5
will be referred to the Re-
venue Department with a
view to the Board of Re-
venue, being requested to
furnish the requisite state-
ment showing the speci-
fic manner in which
the outlay on Famine
Relief works has been
incurred, and the in-
formation called for.

regarding the main
lineance by Civil
Officers of a Register
of the land taken up
for the Madras Irrigation
and Canal Company's
works.

for the purpose of
the 5th Div will report
as being in accordance
with the subject of para 3.
The Government observe
that the Estimate for
the Sanatic Asylum at
Pulpank received the
sanction of the Govt of
India in their letter
No 712. C of the 30th

No 1781 - dated 6th June 1866.
" 2824 - " - 5th Sept - " -

13
November 1868 and
that the plan and is
submitted for the Central
Subject Disbursing
office despatched on the
11th. The provisions
originally noted, the Govern-
ment declared themselves
of opinion that, considering
the great benefit which
the inhabitants of the
suburbans would derive
from a wholesome and
abundant supply of
water being brought into
the town for their use,
they should be assessed
to a moderate amount,
but that the supply
should be gratuitous for
one

one year. The question

has been allowed to re-

main in abeyance.

since that time but

will not be taken into

special consideration in

the Revenue Department

with reference to the re-

mark in para 5 -

such cases as this

has been

to the

disposal of the

will be

will be

will be

(3)

12-1-1869

12th Expts.
4 Anti-Slavery
4 Capt R B Kemm
21 Rec Dept
1869

17-9-13 ✓

4934

Court of 1869 Madras.

PUBLIC WORKS.

The Superintending Engineer.

Dated

Recd

1869

G. O. 82 Feb 7 1869 No. 352

Nos. 106 & 107

Annual Appropriation & Outlay
Account for 1867-68 Paper copies
on the review of the part of
India of the Madras Annual
Appropriation & Outlay Account
for 1867-68.