

- (1) பக்கங்களின் எண்ணிக்கை 100
 (2) புதிக்கித் திருப்பிய நாள் 11/89
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 100

தமிழ்நாடு ஆவணக் காப்பகம்.

(4)

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>1159</u> <u>1160</u>	அச்சகம் பலவகை
நாள் :	<u>1 - 5 - 1889</u>	<u>198</u>

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

50 Sheets

Sheet ~~42~~ 42 and 50
 Statement sheet 21540

1ST MAY 1889, No. 1159 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

Extract from the Proceedings of the Government of India, Military Department
(No. 683-M.W., under date Fort William, the 29th March 1889).

MADRAS.

Orders on the Military Works Revised Estimate for 1888-89 and Budget Estimate for 1889-90.

Read—

Military Department Resolution No. 2143-M.W., dated the 6th November 1888.
Proceedings of the Government of Madras, Nos. 3945 and 3946 W., Public Works, dated 18th December 1888.

Resolution—

The revised and budget estimates of revenue for the current and ensuing years, respectively, are passed for the sums entered in the following table :—

XXXI—REVENUE.

	Actuals, 1887-88.	Budget estimate, 1888-89.	Revised estimate, 1888-89.	Budget estimate, 1889-90.
In the Public Works Department	RS. 26,973	RS. 27,800	RS. 27,000	RS. 27,000

44—EXPENDITURE.

2. The revised estimate of expenditure for the current year is passed for Rs. 6,26,700, the amount of the existing grant.

3. The budget estimate for 1889-90 is framed for Rs. 6,84,700, of which Rs. 6,00,000 represents the provisional grant sanctioned in Military Department Resolution No. 2143-M.W. of the 6th November last, and the balance, the amount allotted by the Director-General of Ordnance for ordnance works in the Madras Presidency. Subject to the remarks in the following paragraphs, the budget estimate is passed as submitted.

4. Provision to the extent of Rs. 20,000 should be made for improving the sanitation of the lines of Native troops.

5. The proposed allotments of Rs. 30,000 and Rs. 20,000 for the "new barracks at Poonamallee" and the "barracks for British Infantry at Malapuram," respectively, are inadequate, and should, if possible, be increased by postponing less important works. The complete estimates for both these projects should be submitted for the final approval of the Government of India.

6. Pending the sanction to estimates for the three class B works noted below and the receipt of further information regarding them, the allotments proposed are passed provisionally :—

Item 4. New saddle rooms for the Madras Cavalry Regiment at Bellary	RS. 10,000
Item 5. Accommodation in the Vellore fort for two companies of Native Infantry	RS. 3,490
Item 12. New rest-house and site for the rest-camp, Guntakal	RS. 6,699

18

7. It is noticed that a reserve of Rs. 16,950 has been provided for incomplete major works. The Government of India are of opinion that it would be better to allot the whole to specific works, *e.g.*, the new barracks at Poonamallee, the provision for which, as already remarked, is insufficient to admit of satisfactory progress being made.

8. The details of the estimate of expenditure passed by the Government of India are shown in the following table:—

	Actuals, 1887-88.	Budget estimate, 1888-89.	Revised estimate, 1888-89.	Budget estimate, 1889-90.
Original works { In progress	Rs.	Rs.	Rs.	Rs.
Repairs ... { Not commenced	1,30,574	2,08,550	2,15,100	1,12,800
	2,93,110	3,00,000	2,93,400	1,36,100
Establishment Total, Works and Repairs ...	4,23,684	5,08,550	5,08,500	3,00,000
Tools and plant	98,303	1,08,755	1,08,700	5,48,900
Add net modification made subsequent to the pre- paration of the revised estimate (to be distri- buted over departmental heads in final issue).	6,323	6,995	7,000	1,27,600
	...	...	2,500	8,200
Total ...	5,28,310	6,24,300	6,26,700	...

9. In the abstract on page 2 of the preliminary issue, the expenditure of 1887-88 has been incorrectly quoted. The figures shown in the foregoing table should be adopted for the purposes of the final issue of the budget estimate.

10. The authority herein given to incur expenditure within the limits of the grants passed is subject to the condition of a strict adherence to the rules in force regarding financial regularity.

Order—

Ordered that the foregoing be communicated to the Government of Madras, Public Works Department, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1889.

Ordered also that a copy be forwarded to the Accountant-General, Public Works Department, for information.

(Signed) E. COLLEN, Colonel,
Secretary to the Govt. of India.

From Brigdr.-Genl. M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 17th April 1889, No. 1474 A.

Referring to your letter No. 53 D. of 13th instant, I am desired to state, for the information of Government, that the Commander-in-Chief, while anxious to meet the wishes of the Government of India in the matter of providing funds for the works marginally noted by transfer or by postponing less important works, very much regrets his inability to recommend the adoption of either of these courses to any large extent, in respect to the works for which funds have been allotted in the preliminary issue of the Madras Military Works budget for the current year.

2. With due regard, however, to the importance of providing funds as far as possible for the first of the works mentioned (*viz.*, that of improving the sanitation

of the lines of Native troops), it being understood that the required grant (Rs. 20,000) for this purpose for the current year can only be met by the adoption of one or other of the courses above referred to, unless any portion of it could be otherwise provided for, the Commander-in-Chief is prepared to surrender this year the grants for the

New saddle rooms for the Madras Cavalry Regiment at Bellary ...	Rs. 10,000	works noted in the margin; but, as the total amount allotted for these works would fall short of the sum required by Rs. 3,301, His Excellency trusts the Government will be pleased to sanction the difference being met from some other available source—as in his opinion there is no other work which can conveniently be postponed,—and in doing so would beg
New rest-house and site for the rest-camp at Guntakal ...	6,699	
Total ...	16,699	

to draw attention to the fact that the sum of Rs. 20,000 will probably be required for improving the sanitation of Native lines at stations outside the civil limits of the Madras Presidency (*viz.*, Secunderabad, Belgaum, &c.), as well as at those situated within such limits, and for this reason he thinks that the difference of Rs. 3,301 above mentioned should more properly be met from funds placed at the disposal of local administrations at Secunderabad, Belgaum, &c., than from the Madras Public Works budget.

3. While fully concurring in the opinion of the Government of India that, in order to admit of satisfactory progress being made on the two other works above mentioned in para. 1, a more adequate allotment of funds than that provided for in the preliminary issue of the budget should be made, the Commander-in-Chief much regrets that he is not in a position to suggest any source whence the said allotment could be enhanced other than that mentioned in para. 7 of Government of India Resolution received with your letter under reply.

4. An estimate, amounting to Rs. 3,825, for providing accommodation in the Vellore fort for two companies of Native Infantry, was submitted to Government in the Military Department with this office letter No. 1378 A. of 5th instant, which contained the information apparently required by the Government of India in para. 6 of their Resolution above quoted.

From the Quartermaster-General, dated 18th April 1889, No. 1487 A.

ORDER—dated 1st May 1889, No. 1159 W., Public Works.

Ordered that the final issue of the Imperial Military Works budget for 1889-90 prepared for Rs. 6,84,700, being the amount adopted by the Government of India in their Resolution read at the head of these Proceedings, be printed and circulated for the information and guidance of the officers of the department, and 45 copies, as shown in the margin, forwarded to the Government of India.

2. The revised estimate of charges for 1888-89, as shown in the preliminary issue of the budget, amounted to Rs. 6,24,228, but the modifications of grants subsequently sanctioned increased the amount to Rs. 6,26,735. The Government of India having passed the estimate for Rs. 6,26,700, that sum has been adopted in the final issue, and the necessary reductions have been made in the departmental heads.

3. The expenditure of 1887-88 shown in the abstract on page 2 of the preliminary issue represents the total expenditure in India inclusive of contributions as recorded in the Finance Accounts for that year, the distribution of the outlay from Imperial funds and contributions being separately shown in the abstract on page 3.

As the Government of India direct in para. 9 of their Resolution that their figures should be adopted for the purposes of the final issue of the budget, the necessary modifications have been made in the abstract on page 2.

4. In para. 4 of their Resolution the Government of India have decided that provision to the extent of Rs. 20,000 should be made for improving the sanitation of the lines of Native troops. A sum of Rs. 16,699 has accordingly been provided for the purpose by withdrawing the allotments made in the preliminary issue for the marginally-noted works. As the Quartermaster-General reports that the sum of Rs. 20,000 will probably be required for improving the sanitation of Native lines at stations outside the civil limits of the Madras Presidency, viz., Secunderabad, Belgaum, &c., as well as

New saddle rooms for the Madras Cavalry Regiment at Bellary	10,000
New rest-house and site for the rest-camp at Guntakal	6,699
Total	16,699

at those situated within such limits, and that the difference (Rs. 3,301) should more properly be met from funds placed at the disposal of the local Administrations concerned than from the Madras Public Works budget, the Government of India will be requested, on receipt of the necessary particulars from the Quartermaster-General, to direct the Administrations concerned to make the necessary provision from the grants at their disposal.

5. His Excellency the Commander-in-Chief while fully concurring in the opinion of the Government of India that the allotments proposed for the barracks at Poona-mallee and Malapuram are inadequate and should, if possible, be increased by postponing less important works, regrets his inability to recommend this course in respect to the works for which funds have been allotted in the preliminary issue of the budget to a larger extent than that proposed in para. 4 of these Proceedings. The proposal made by the Government of India in para. 7 of their Resolution cannot in existing circumstances be adopted, as the sum of Rs. 16,950 referred to therein is required for incomplete major works of the previous year, which cannot be postponed without serious loss to Government. The question of increasing the grant for the barracks at Poona-mallee will, however, be kept in view if any balance is available after distributing the amounts required for incomplete major works. Revised estimates for the barracks at Malapuram and Poona-mallee have been called for and, when received, will be submitted for the approval of the Government of India.

6. With advertence to para. 6 of the Government of India Resolution, it is observed that the allotments provided in the preliminary issue of the budget for saddle rooms for the Madras Cavalry Regiment at Bellary and a rest-house and site for a rest-camp at Guntakal having been withdrawn in the final issue, no further action is at present necessary with reference to them. An estimate of Rs. 3,825 for providing accommodation in the Vellore fort for two companies of Native Infantry has been received and the further information regarding it required by the Government of India will be submitted in due course.

7. The grants provided in the preliminary budget for Apothecaries' quarters at Wellington and for repairs have been reduced, and the necessary provision of funds for the water-supply to the Lawrence Asylum at Ootacamund has been made with reference to para. 1 of G.O., No. 266 W., dated 1st February 1889.

8. Detailed proposals for utilising the grants provided for "Institutes of British Regiments and Batteries in the Presidency" and for improving the sanitation of the lines of Native troops should be submitted as early as practicable.

9. Superintending Engineers concerned will submit, with the least possible delay, plans and estimates for the unsanctioned works for which funds have been provided in the budget.

10. The grants for repairs and incomplete major and minor works will, as usual, be held at the disposal of Government and distributed on receipt of detailed proposals from Superintending Engineers with reference to para. 1322 of the Public Works Code.

11. The amounts provided for Minor New Works, Ordinary and Ordnance, will be placed at the disposal of the officers commanding divisions and districts and the Inspector-General of Ordnance, respectively, to whom Superintending Engineers will apply for funds required under those heads.

(Here enter No. 1160 W., dated 1st May 1889.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial "
" Director-General of Ordnance.

ENDORSEMENT—dated 1st May 1889, No. 1160 W., Public Works.

Forwarded to the Government of India, Military Department.

Lieut.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. J. Henricus:
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1889} Madras.
PUBLIC WORKS.

Dated May, 1st.

Recd.

Encl.

G.O., 1st May 1889, Nos. 1159 W.,
1160 W.

MAY.

Imperial Military Works
Budget for 1889-90

Forwarding final issue of the —.

PRELIMINARY ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

1159
1160

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1889-90.

CHAMPAK,
18th December 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

4

IMPERIAL.
MILITARY WORKS

1159
1160 MADRAS.

CONTENTS.

	PAGE
ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE	2
DITTO DITTO OF EXPENDITURE	3
DETAILS OF THE BUDGET-ESTIMATE OF EXPENDITURE—	
PART I.—DETAIL OF ESTIMATE FOR ORIGINAL WORKS, CLASS A	4 & 5
DITTO DITTO CLASS B	6 & 7
APPENDIX TO ABOVE—	
APPENDIX B.—LIST OF CLASS C WORKS	8 to 17

MADRAS.

REVENUE.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM
MILITARY WORKS IN MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.

WORKS IN MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.				
	ACTUALS, 1887-88.	BUDGET- ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	BUDGET- ESTIMATE, 1889-90.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	26,973	27,800	27,000	27,000
In Civil and Military Departments	...	...	...	...
Total ...	26,973	27,800	27,000	27,000

CHARGES

ABSTRACT OF THE BUDGET ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF
MILITARY WORKS IN MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.

EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.									
				REFERENCE TO DETAILED ESTIMATE.	ACTUALS, 1887-88.	BUDGET- ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	BUDGET- ESTIMATE, 1889-90.	
ORIGINAL WORKS	{ IN PROGRESS NOT COMMENCED }			...	Rs. 1,30,814	Rs. 2,08,550	Rs. 2,15,092 ²	Rs. 1,12,842	{ 1,36,058
REPAIRS ...	{ ORDINARY SPECIAL }			...	2,96,596	3,00,000	2,93,400	3,00,000	
ESTABLISHMENT	...	...	...	...	98,303	1,08,755	1,08,742	1,27,600	
TOOLS AND PLANT	...	...	...	...	6,323	6,995	6,994	8,200	
SUSPENSE ACCOUNT	...	...	...	...	...	...	...	...	
Total ...				...	5,32,036	6,24,300	6,24,228	6,84,700	

[2]

IMPERIAL.
MILITARY WORKS.

MADRAS.

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

	BUDGET-ESTIMATE, 1889-90.										
	ACTUALS, 1887-88.	BUDGET-ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	ORIGINAL WORKS.			REPAIRS.	ESTABLISHMENT.	TOOLS AND PLANT.	EXPENSE ACCOUNT. BARRACK DEPARTMENT.	TOTAL.
				In progress.	Not commenced.	Total.					
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PROVISION FROM IMPERIAL FUNDS.											
In India ...	5,28,810	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	6,84,700
In England.	...	...	...	...	...	...	...	...	...	...	...
Total ...	5,28,810	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	6,84,700
PROVISION FROM CONTRIBUTIONS.											
In India ...	3,726	...	...	...	...	...	...	...	...	...	...
Grand Total...	5,32,036	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	6,84,700

STATEMENT SHOWING THE WORKS ON WHICH OUTLAY IN ENGLAND ABOVE PROVIDED FOR IS TO BE INCURRED.

	ACTUALS, 1887-88.	BUDGET-ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	BUDGET-ESTIMATE, 1889-90.					
				ORIGINAL WORKS.			TOOLS AND PLANT.	SUSPENSE ACCOUNT.	TOTAL.
				In progress.	Not commenced.	Total.			
				Nil.					

[3]

6. ~~3~~

IMPERIAL.
MILITARY WORKS.

PART
DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS A

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY. MILITARY. Original Works.	Rs.
1. Accommodation for troops— Buildings for European troops in the plains. Permanent.	West Coast.	Malapuram ...	1	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,91,412
	Chingleput.	Poonamallée ...	2	New barracks	1,66,885
	Nilgiri ...	Wellington ...	3	Quarters for three Apothecaries ...	16,000
1. Accommodation for troops— Buildings for Native troops.	Presidency.	Fort St. George	4	Converting the old Adjutant-General's office into barracks for single men.	25,097
	Do.	Bangalore ...	5	Additions to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	30,346
2. Ordnance works	Bellary ...	Bellary ...	6	New workshops for the Arsenal ...	45,500
Total ...					...

[4]

MADRAS.

I.
ORIGINAL WORKS FOR THE YEAR 1889-90.
WORKS.

OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
1,39,673	20,000	20,000	...		1	G.O., No. 3737 W., dated 27th November 1888. Item No. 2, class A works, budget of 1888-89.
6,607	20,000	30,000	...		2	G.O., No. 465 W., dated 19th February 1879. Revised estimate is awaited. Item No. 2, class B works, budget of 1888-89.
...	6,500	9,500	...		3	G.O., No. 2448 W., dated 13th August 1888. Item No. 1, class B works, budget of 1888-89.
15,586	3,820	5,400	...	64,900	4	G.O., No. 3000 W., dated 9th November 1887.
21,903	3,210	5,000	...	5,000	5	G.O., No. 3237 W., dated 12th October 1888. Item No. 3, class A works, budget of 1888-89.
6,889	22,650	15,992	...	15,992	6	G.O., No. 2527 W., dated 17th August 1888. Item No. 5, class B works, budget of 1888-89.
...	...	85,892	...	85,892		

[5]

IMPERIAL
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. Accommodation for troops—	Presidency.	B. Fort St. George.	1	Converting the block of buildings containing the main guard, No. 6, Captains' quarters, &c., into barracks for single men.	5,785
Buildings for European troops in the plains. Permanent.	Do. ..	Do.	2	Institutes of British Regiments and Batteries in the Presidency.	...
1. Accommodation for troops—	Presidency.	Bangalore	3	Public buildings for a regiment of Native Cavalry.	30,990
Buildings for Native troops.	Bellary	Bellary	4	New saddle rooms for the Madras Cavalry Regiment.	...
	North Arcot.	Vellore	5	Providing accommodation in the Fort for two companies, Native Infantry.	...
2. Ordnance	Bellary	Bellary	6	Quarters for Warrant and Non-Commissioned officers, Bellary Arsenal.	42,420
	Do.	Do.	7	Timber-shed, Bellary Arsenal	...
	Presidency.	Madras	8	Shed for the camp equipage	6,935
	Do.	Do.	9	Workshops, Gun Carriage Factory.	...
7. General Cantonment works.	Bellary	Guntakal	10	Reserve with the Government for incomplete ordnance works.	...
8. Fortifications	Presidency.	Madras	11	Minor works under Ordnance	...
			12	New rest-house and site for the rest camp.	...
			13	Alterations to the Rifle Ranges at Veyasarpady.	6,076
			14	Reserve with the Government for incomplete major works.	...
			15	Reserve with the Government for incomplete minor works.	...
			16	New minor works	...
			Total ...		...
			Grand Total ...		...

[6]

MADRAS.

I—cont.

ORIGINAL WORKS FOR THE YEAR 1889-90.
WORKS.

OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,785	...	1	G.O., No. 2612 W., dated 24th August 1888.
...	...	...	20,000	25,785	2	Estimates are awaited.
...	...	...	20,000	...	3	G.O., No. 1302 W., dated 25th May 1886. Item No. 41, class C works, budget of 1888-89.
...	...	...	10,000	...	4	Estimate is awaited.
...	...	...	3,490	33,490	5	Do.
...	...	...	15,000	...	6	G.O., No. 1650 W., dated 18th June 1887.
...	...	...	2,590	...	7	Estimate is awaited.
...	...	...	6,935	...	8	G.O., No. 2558 W., dated 27th September 1887. Item No. 47, class C works, budget of 1888-89.
...	...	...	19,483	...	9	Estimate is awaited.
...	...	3,050	...	...	10	
...	...	...	5,000	52,058	11	
...	...	...	6,699	...	12	Estimate is awaited.
...	...	...	6,076	12,775	13	G.O., No. 3150 W., dated 8th October 1888.
...	...	13,900	...	13,900	14	
...	...	10,000	...	10,000	15	
...	...	...	15,000	15,000	16	
...	...	26,950	1,36,058	1,63,008		
...	...	1,12,842	1,36,058	2,48,900		

[7]

IMPERIAL
MILITARY WORKS.

MADRAS.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS B

APPENDIX

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. Accommodation for troops—	Bellary ...	Bellary ...	1	Swimming-bath, British Infantry.	7,644
Buildings for European troops in the plains. Permanent.	Do. ...	Do. ...	2	Alterations and additions to the military prison.	...
	Do. ...	Do. ...	3	Guard-room for the station hospital.	4,290
	Do. ...	Do. ...	4	Infectious disease ward, cook-house and station hospital.	6,140
	Do. ...	Do. ...	5	Purveyor's quarters for the station hospital.	3,046
	Do. ...	Do. ...	6	Reroofing verandah of marriage range, European Infantry Barracks.	13,307
	Nilgiri ...	Wellington ...	7	Quartermaster's stores and office for British Infantry Regiment.	...
	Do. ...	Do. ...	8	A ward to accommodate 35 men, station hospital.	...
	Do. ...	Do. ...	9	Gymnasium, 2nd Royal Fusiliers.	...
	Do. ...	Do. ...	10	Quarters for three hospital purveyors.	4,750
	Do. ...	Do. ...	11	Constructing hut barracks for 500 men.	...
	Do. ...	Ootacamund...	12	Quarters for a Sub-Conductor attached to the Army headquarters.	...
	Do. ...	Do. ...	13	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant Instructors, N.V. Rifles.	3,600
	West Coast.	Calicut ...	14	A new barrack with subsidiary buildings for 30 men.	...
	Presidency...	Bangalore ...	15	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...
	Do. ...	Do. ...	16	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240

[8]

B.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	7,644	...	1	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1888-89.
...	...	...	3,980	...	2	Estimate is awaited. Item No. 2, class C works, budget of 1888-89.
...	...	...	4,290	...	3	G.O., No. 1384 W., dated 17th May 1888.
...	...	...	6,140	...	4	G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1888-89.
...	...	...	3,046	...	5	G.O., No. 771 W., dated 7th March 1888.
...	...	...	13,307	...	6	G.O., No. 3420 W., dated 15th December 1887.
...	...	...	25,000	...	7	Estimate is awaited.
...	...	...	20,000	...	8	Do.
...	...	...	10,000	...	9	Estimate is awaited. Item No. 8, class C works, budget of 1888-89.
...	...	...	4,750	...	10	G.O., No. 615 W., dated 21st February 1888. Item No. 49, class C works, budget of 1888-89.
...	...	...	10,000	...	11	Estimate is awaited.
...	...	...	7,500	...	12	Do.
...	...	...	3,600	...	13	G.O., No. 1063 W., dated 9th April 1888.
...	...	...	20,000	...	14	Estimate is awaited. Item No. 9, class C works, budget of 1888-89.
...	...	...	3,000	...	15	Estimate is awaited.
...	...	...	10,240	...	16	G.O., No. 2384 W., dated 20th September 1886. Item No. 28, class C works, budget of 1888-89.

[9]

69

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— cont.	
				MILITARY—cont.	
				Original Works—cont.	
1. Accommodation for troops— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore ...	17	New orderly room or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers.	...
	Do. ...	Do. ...	18	Battery office for Royal Horse Artillery.	5,680
	Do. ...	Do. ...	19	Buildings for Wheeler's shop, Royal Artillery.	...
	Do. ...	Do. ...	20	Quarters for the Senior Apothecary, North Station Hospital.	5,300
	Do. ...	Do. ...	21	Quarters for the Assistant Apothecary, North Station Hospital.	4,773
	Do. ...	Madras ...	22	New military hospital on the site of the old fishing village near the Presidency College.	...
	Do. ...	Fort St. George.	23	Wash-houses to be built outside the barracks in lieu of the north and south wash-houses inside.	...
	Do. ...	Do. ...	24	Garrison bazaars to be done away with and new cook-houses to be built on the site.	...
	Do. ...	Do. ...	25	Repairs to floors of B, C, D blocks, family quarters.	...
	Do. ...	Do. ...	26	Construction of coach houses and stables for the use of officers.	...
	Chingleput.	Poonamallee...	27	Warrant officers' quarters	...
	Do. ...	Do. ...	28	Two Staff Sergeants' quarters, 1st class.	...
	Do. ...	Do. ...	29	Coffee-shop ...	...
	Do. ...	Pallavaram ...	30	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
	Do. ...	St. Thomas' Mount.	31	A wheeler and collar-maker's shop for the west barracks.	5,660

MADRAS.

B—cont.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—cont.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500	...	17	Estimate is awaited. Item No. 29, class C works, budget of 1888-89.
...	...	...	5,680	...	18	G.O., No. 2906 W., dated 17th September 1888. Item No. 30, class C works, budget of 1888-89.
...	...	...	3,100	...	19	Estimate is awaited. Item No. 31, class C works, budget of 1888-89.
...	...	...	5,300	...	20	G.O., No. 3385 W., dated 27th November 1888. Item No. 34, class C works, budget of 1888-89.
...	...	...	4,773	...	21	G.O., No. 938/2 W., dated 5th April 1884. Item No. 35, class C works, budget of 1888-89.
...	...	...	25,000	...	22	Estimate is awaited.
...	...	...	2,500	...	23	Do.
...	...	...	4,500	...	24	Do.
...	...	...	10,070	...	25	Estimate is awaited. Item No. 25, class C works, budget of 1888-89.
...	...	...	15,770	...	26	Estimate is awaited. Item No. 26, class C works, budget of 1888-89.
...	...	...	3,500	...	27	Estimate is awaited. Item No. 11, class C works, budget of 1888-89.
...	...	...	6,000	...	28	Estimate is awaited. Item No. 12, class C works, budget of 1888-89.
...	...	...	9,000	...	29	Estimate is awaited. Item No. 13, class C works, budget of 1888-89.
...	...	...	3,000	...	30	Estimate is awaited. Item No. 14, class C works, budget of 1888-89.
...	...	...	5,660	...	31	G.O., No. 2717 W., dated 3rd November 1884. Item No. 15, class C works, budget of 1888-89.

IMPERIAL.
MILITARY WORKS.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS B

APPENDIX

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
1. Accommodation for troops—	Chingleput.	St. Thomas' Mount.	32	Sergeants' Mess for east barracks.	5,450
Buildings for European troops in the plains. Permanent.	Do. ...	Do. ...	33	Quarters for three Medical Subordinates attached to the station hospital.	...
	Do. ...	Do. ...	34	Quarters for head-quarter staff, Royal Artillery.	...
	Do. ...	Do. ...	35	Battery office for P/1st Royal Artillery, east barracks.	3,700
	Do. ...	Do. ...	36	Raising the roof of harness-room, Troop lines.	4,200
Buildings for Native troops.	Vizagapatam	Vizianagrum.	37	Regimental store for Native Infantry, including storage for camp equipage.	3,480
	Bellary ...	Bellary ...	38	New wing places-of-arms for two regiments, Madras Infantry.	...
	Do. ...	Do. ...	39	School-house for Native Infantry Regiment.	3,030
	Nilgiri ...	Wellington ...	40	Quarters for 32 men, Army hospital, Native corps.	...
	West Coast.	Quilon ...	41	Armourers' shop ...	2,489
	Do. ...	Cannanore ...	42	Quarters for eleven men of the Army hospital, Native corps.	...
	Chingleput.	Pallavaram ...	43	Magazine for Madras Infantry Regiment.	4,900
	Do. ...	Do. ...	44	Armourers' shop for Madras Infantry Regiment.	2,880
	Do. ...	St. Thomas' Mount.	45	Wooden shed at the proof range ...	2,820
2. Ordnance works.	Presidency.	Madras	46	Constructing a coal store	...
	Do. ...	Do. ...	47	Providing sun-shades to doors and windows in the Ordnance lines.	4,160

1159
1160
MALRAS.

B—*cont.*

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—*cont.*

OUTLAY.		AMOUNT APPLIED FOR 1889-99.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,450	...	32	G.O., No. 1118 W., dated 14th April 1888. Item No. 16, class C works, budget of 1888-89.
...	...	...	8,000	...	33	Estimate is awaited. Item No. 17, class C works, budget of 1888-89.
...	...	...	12,000	...	34	Estimate is awaited. Item No. 18, class C works, budget of 1888-89.
...	...	...	3,700	...	35	G.O., No. 1552 W., dated 28th May 1888. Item No. 20, class C works, budget of 1888-89.
...	...	...	4,200	...	36	G.O., No. 3137 W., dated 17th December 1881. Item No. 21, class C works, budget of 1888-89.
...	...	...	3,480	...	37	G.O., No. 2628 W., dated 27th October 1884. Item No. 36, class C works, budget of 1888-89.
...	...	...	60,000	...	38	Estimate is awaited.
...	...	...	3,030	...	39	G.O., No. 149 W., dated 17th January 1884. Item No. 37, class C works, budget of 1888-89.
...	...	...	12,380	...	40	Estimate is awaited.
...	...	...	2,489	...	41	G.O., No. 3772 W., dated 29th November 1888.
...	...	...	3,670	...	42	Estimate is awaited.
...	...	...	4,900	...	43	G.O., No. 334 W., dated 8th February 1886. Item No. 39, class C works, budget of 1888-89.
...	...	...	2,880	...	44	G.O., No. 3149 W., dated 22nd December 1884. Item No. 40, class C works, budget of 1888-89.
...	...	...	2,820	...	45	G.O., No. 3077 W., dated 13th December 1884. Item No. 48, class C works, budget of 1888-89.
...	...	...	10,000	...	46	Estimate is awaited.
...	...	...	4,160	...	47	G.O., No. 2248 W., dated 22nd August 1887. Item No. 46, class C works, budget of 1888-89.

8 u

IMPERIAL
MILITARY WORKS.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON
CLASS B

APPENDIX

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
3. Commissariat build- ings.	Nilgiri ...	Wellington ...	48	Quarters for a Milling Engineer, Commissariat Department.	...
	West Coast. Do ...	Calicut ...	49	A bakery ...	...
	Do. ...	Malapuram ...	50	Cattle-shed for the Commissariat Department.	...
	Do. ...	Do. ...	51	Sheds for 12 bullocks and 10 mules.	2,824
	Chingleput.	Guindy ...	52	Quarters for the station butcher attached to the slaughter-house.	3,600
	Do. ...	Saidápet ...	53	Constructing a new road from the Mount Road direct to the slaughter-house.	3,468
	Presidency.	Madras ...	54	Workshops and sheds for carts and cattle, Transport Department.	...
	Do. ...	Do. ...	55	Mule-shed at Transport lines, Pudupet.	...
	Do. ...	Do. ...	56	Quarters for two Staff Sergeants at Pudupet.	...
	Do. ...	Do. ...	57	Quarters for a Conductor, Commis- sariat Department.	...
	Do. ...	Do. ...	58	Constructing a wheat godown at Teynampet.	...
	Do. ...	Bangalore ...	59	Quarters for a Conductor, Trans- port Department.	5,800
	Do. ...	Do. ...	60	Quarters for an Ambulance Ser- geant near Cattle lines, Transport Department.	...
4. Staff and Miscel- laneous.	Nilgiri ...	Ootacamund...	61	Water-supply, Lawrence Asylum.	12,350
	Do. ...	Do. ...	62	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
7. General Cantonment works.	Presidency.	Bangalore ...	63	Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	2,846

MADRAS.

B—*cont.*

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM
WORKS—*cont.*

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable dur- ing 1888-89.	Works in pro- gress.	Works not com- menced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	7,500	...	48	Estimate is awaited.
...	...	...	6,860	...	49	Do.
...	...	...	4,090	...	50	Estimate is awaited. Item No. 50, class C works, budget of 1888-89.
...	...	...	2,000	...	51	G.O., No. 1245 W., dated 27th April 1888.
...	...	...	3,600	...	52	G.O., No. 1259 W., dated 30th April 1888. Item No. 52, class C works, budget of 1888-89.
...	...	...	3,468	...	53	G.O., No. 534 W., dated 16th February 1888.
...	...	...	20,000	...	54	Estimate is awaited. Item No. 55, class C works, budget of 1888-89.
...	...	...	11,210	...	55	Estimate is awaited.
...	...	...	3,500	...	56	Do.
...	...	...	4,000	...	57	Estimate is awaited. Item No. 56, class C works, budget of 1888-89.
...	...	...	5,950	...	58	Estimate is awaited. Item No. 57, class C works, budget of 1888-89.
...	...	...	5,800	...	59	G.O., No. 992 W., dated 16th April 1886. Item No. 53, class C works, budget of 1888-89.
...	...	...	3,000	...	60	Estimate is awaited. Item No. 54, class C works, budget of 1888-89.
...	...	...	12,350	...	61	G.O., No. 2139 W., dated 14th July 1888. Item No. 62, class C works, budget of 1888-89.
...	...	...	3,000	...	62	G.O., No. 2139 W., dated 14th July 1888.
...	...	...	2,846	...	63	G.O., No. 1261 W., dated 1st May 1888. Item No. 32, class C works, budget of 1888-89.

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
7. General Cantonment works.	Presidency.	Bangalore ...	64	Drainage, British Infantry Barracks.	8,112
	Do. ...	Fort St. George	65	Remodelling the drainage ...	...
	Do. ...	Madras ...	66	Flushing drains of Native Infantry lines at Ráyapuram.	4,300
8. Fortifications	Chingleput.	St. Thomas' Mount.	67	General improvements to the drains of the cantonment.	...
	West Coast.	Malapuram ...	68	Constructing a fortified post ...	8,248
	North Arcot.	Vellore Fort.	69	Constructing draw-bridge ...	6,450
	Presidency.	Fort St. George	70	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	71	Constructing a draw-bridge at the north gate.	4,487
	Do. ...	Do. ...	72	Demolition of out-houses, clearance of ditch and completion of walls.	...

MADRAS.

B—*cont.*

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM
WORKS—*cont.*

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	8,112	...	64	G.O., No. 2615 W., dated 24th August 1888. Item No. 33, class C works, budget of 1888-89.
...	...	...	10,000	...	65	Estimate is awaited. Item No. 23, class C works, budget of 1888-89.
...	...	...	4,300	...	66	G.O., No. 1397 W., dated 4th June 1884. Item No. 42, class C works, budget of 1888-89.
...	...	...	10,000	...	67	Estimate is awaited. Item No. 19, class C works, budget of 1888-89.
...	...	...	8,248	...	68	G.O., No. 3114 W., dated 18th November 1887. Item No. 58, class C works, budget of 1888-89.
...	...	...	5,000	...	69	G.O., No. 528 W., dated 7th March 1885. Revised estimate is awaited. Item No. 12, class B works, budget of 1888-89.
...	...	...	7,426	...	70	Estimate is awaited. Item No. 59, class C works, budget of 1888-89.
...	...	...	4,487	...	71	G.O., No. 2447 W., dated 13th August 1888. Item No. 60, class C works, budget of 1888-89.
...	...	...	10,000	...	72	Estimate is awaited. Item No. 61, class C works, budget of 1888-89.

18TH DECEMBER 1888, No. 3945 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

From the Superintending Engineer, I Circle, dated 13th Oct. 1888, No. 418 G.L.
" " II " " 1st " " (one statement).
" " III " " 2nd " " (two statements).
" " IV " " 1st " " No. 422 E.W.
" " V " " 23rd " " 3164.
" " V " " 23rd " " 3166.
" " VI " " 24th Sept. " 1479 T.

Proceedings of the Government of India, Military Department, dated Simla,
6th November 1888, No. 2143-M.W.

RESOLUTION—The following provisional distribution of the annual Imperial grant
of one crore of rupees for military works in 1889-90 is hereby notified :—

	RS.
Rajputana and Central India	3,00,000
Hyderabad	3,00,000
Military Works Department	59,50,000
Central Provinces	1,50,000
Lower Burma	3,50,000
Assam	2,80,000
Bengal	60,000
North-Western Provinces and Oudh	10,000
Punjab	2,50,000
Madras	6,00,000
Bombay	12,50,000
Ordnance Works	3,00,000
Marine Works	1,00,000
Leaving for reserve with the Government of India	Total ... 99,00,000
	... 1,00,000
	1,00,00,000

2. The above allotments include provision for any expenditure that may be incurred in England on stores for works classified as military.

3. The distribution of the grants for Ordnance and Marine will be made by the Director-General of Ordnance and the Director of Indian Marine, respectively. These officers will communicate to the Local Governments and Administrations concerned the works which they desire to have undertaken during 1889-90, and the amounts available for each work, which amounts will then be included by the Local Governments and Administrations concerned in their budget estimates for military works.

4. The preliminary budget estimates should be prepared for the amounts now provisionally sanctioned, together with the allotments, if any, made by the Director-General of Ordnance and Director of Indian Marine, and should be submitted so as to reach the Government of India punctually by the 15th January 1889.

5. Orders regarding the grant for military works in Upper Burma will issue hereafter.

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, Burma and Assam.
The Resident at Hyderabad.
The Agent, Governor-General, Rajputana and Central India.
The Inspector-General, Military Works.
The Director-General of Ordnance in India.
The Director, Indian Marine.

Order—Ordered that a copy of the foregoing Resolution be forwarded to Local Governments and Administrations noted in the margin, for information and guidance.

Ordered also that a copy be forwarded to—

The Quartermaster-General in India.
The Accountant-General, Public Works Department.
The Accountant-General, Military Department, for information.

(By order.)

(Signed) E. COLLEN,
Secy. to the Govt. of India.

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 23rd November 1888, No. 4500 A.

In acknowledging the receipt of your letter No. 4554 C., dated 17th instant, intimating the amount of the grant made by the Government of India to this Presidency for Imperial Military Works in the coming year, and submitting proposals * for the distribution available out of it for

* Statement herewith returned.

major works, I am desired to state that the Commander-in-Chief accepts the allotments proposed by you, subject to the following modifications:—

Item 2.—The sheds being built, this year, for transport animals at Calicut, with the allotment of Rs. 3,310, are all that are emergently wanted, and in His Excellency's opinion the construction of the remainder might be allowed to stand over until funds can be more conveniently found for them.

Item 9.—The Madras Cavalry Regiment at Bellary at present has saddle-rooms, and though they are not good ones, His Excellency considers the provision of new ones to replace them might be made gradually, and accordingly would prefer that the allotment proposed for this work in the coming year be reduced to Rs. 10,000.

2. The amount set free under the suggestions above put forward is Rs. 10,000, which His Excellency would wish added to the allotment for institutes in the coming year so that funds may be thus available not only for execution of the additions and alterations proposed to be made to existing buildings in connection with these institutions at different stations, but also for making a commencement with the new buildings required at St. Thomas' Mount and Wellington.

From Colonel R. F. LOWIS, R.A., Director-General of Ordnance in India, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 4th December 1888, No. 35.

With reference to your letter No. 4553 C., dated 17th, and telegram dated 30th November 1888, I have the honor to allot funds as follows to ordnance works in the Madras circle for the ensuing official year 1889-90 out of the grant of Rs. 3,00,000

placed at my disposal by the Government of India by Military Department Resolution No. 2143-M.W. of the 6th ultimo:—

	RS.
Workshops, Bellary Arsenal	15,992
Quarters for Warrant and Non-Commissioned officers, Bellary Arsenal	15,000
Timber-shed, Bellary Arsenal	2,590
Shed for Camp Equipage section, Madras Arsenal	6,935
Workshops, Gun Carriage Factory, Madras	19,483
	60,000
Percentage for tools, &c.	14,700
Petty and minor works, including percentage for tools, &c.	10,000
Total	84,700

ORDER—dated 18th December 1888, No. 3945 W., Public Works.

In their Resolution above recorded, the Government of India have assigned a provisional grant of Rs. 6,00,000 for expenditure on military works in this Presidency during 1889-90. The amount distributed under departmental heads will be as shown below:—

	RS.
Works	4,80,850
Establishment	1,11,950
Tools and Plant	7,200
Total	6,00,000

and, with reference to para. 3 of the Resolution, the Director-General of Ordnance in India has made the following allotments for ordnance works:—

	RS.
Major Original Works	60,000
Minor do.	8,050
Establishment	15,650
Tools and Plant	1,000
Total	84,700

2. The Military Works budget estimate for 1889-90 has therefore been fixed at Rs. 6,84,700, which, distributed under the departmental heads, will be as follows:—

	RS.
Works	5,48,900
Establishment	1,27,600
Tools and Plant	8,200
Total	6,84,700

3. Of Rs. 4,80,850 available for military works, the following lump sums have been set apart:—

	RS.
(a) Incomplete major works	13,900
(b) Do. minor works	10,000
(c) New minor works	15,000
(d) Repairs	3,00,000
Total	3,38,900

and the balance, Rs. 1,41,950, has been distributed to individual works with the approval of His Excellency the Commander-in-Chief.

4. No provision has been made for the construction of sheds for transport animals at Calicut as, in the opinion of His Excellency the Commander-in-Chief, the sheds now under construction are all that are emergently required, and the construction of the remaining sheds can stand over until funds can conveniently be found for them.

15/12

5. The amounts set apart for repairs and incomplete works will, as usual, be held at the disposal of Government and distributed early next year on receipt of detailed proposals from Superintending Engineers.

6. The sum of Rs. 15,000 set apart for minor new works will, with reference to G.O., No. 2665 W., dated 29th August 1888, be placed at the disposal of officers commanding divisions and districts.

7. The distribution made by the Director-General of Ordnance of the grant for major ordnance works has been adopted; and of the sum of Rs. 8,050 (or Rs. 10,000 inclusive of percentage charges for "Establishment" and "Tools and Plant") provided for minor ordnance works, Rs. 3,050 have been reserved with the Government for incomplete works and the balance, Rs. 5,000, has been placed at the disposal of the Inspector-General of Ordnance to whom Superintending Engineers should apply for funds required for minor new works of 1889-90.

8. The Superintending Engineers concerned will submit, with the least possible delay, plans and estimates for the unsanctioned works for which funds have been provided in the budget.

9. Works for which estimates have not been sanctioned have been entered in the budget at the request of the Quartermaster-General and the Director-General of Ordnance, and it is hoped that the estimates for them will shortly be ready. The Government of India will therefore be requested to allow the amounts provided for them to stand.

10. With these remarks the preliminary issue of the Imperial Military Works budget for 1889-90 will be printed and circulated to the officers concerned for information and guidance, and four copies forwarded to the Government of India, Military Department.

(Here enter No. 3946 W., dated 18th December 1888.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial Department.
" Director-General of Ordnance in India.

Exd. J. Henricus.

Spare Copies

1159
1160

16 13

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.
PUBLIC WORKS.

Dated December, 18th.

Recd.

Encl.

G.O., 18th Dec. 1888, No. 3945 W.

DECEMBER.

Imperial Military Works
Budget for 1889-90

Orders circulating the preliminary issue
of the —.

1st FEBRUARY 1889, No. 266 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

From the Superintending Engineer, IV Circle, dated 26th January 1889, No. 41 E.W.

ORDER—dated 1st February 1889, No. 266 W., Public Works.

In the statement of surrenders and demands recorded above, the Superintending Engineer, IV Circle, surrenders the sum of Rs. 12,350 allotted by the Government of India in their letter No. 2355 M.W., dated 28th December 1888, for expenditure during the current year on works connected with the water-supply to the Lawrence Asylum at Ootacamund. He explains that it is impossible to spend the amount before the close of the current official year, as all the materials required for the work have to be obtained from England, and he proposes to transfer the sum to the

Quarters for three apothecaries at	rs.
Wellington	8,000
Military repairs, Nilgiri division	4,350
Total	12,350

marginally-noted works, provided that the next year's grant of Rs. 9,500 for the apothecaries' quarters at Wellington, together with Rs. 2,850 from the lump sum allotment for repairs, or Rs. 12,350 in all, should be re-allotted during 1889-90 for expenditure on the Lawrence Asylum water-supply work. The Government

of India will be requested to sanction the proposed transfer, and in the meanwhile the Superintending Engineer will submit, without delay, an indent on the Home Government for the piping required for the last-named work, &c., and also an estimate of the probable cost of purchasing the articles in India.

2. The Superintending Engineer also surrenders Rs. 2,000 from the grant for constructing sheds for the transport animals at Calicut. The surrender will be accepted, and Rs. 600 therefrom will be transferred to constructing a bakery at Wellington as proposed by the Superintending Engineer; and the Government of India will be requested to sanction the transfer of the balance (Rs. 1,400) to the following works :—

Military minor works { Nilgiri division	...	...	...	...	rs.
Coimbatore division	...	...	...	...	920
Do. repairs, Coimbatore division	...	...	...	...	230
	...	...	...	...	250
Total	...	...	...	...	1,400

3. The Executive Engineer concerned can, under para. 1922 of the Public Works Code, appropriate the sum of Rs. 600 surrendered from the grant for constructing a slaughter-house and hanging shed at Calicut to meet the demands on (1) "constructing parapet wall at West Hill, Calicut" and (2) "petty improvements to the regimental lines at Mangalore."

4. Funds not being available with the Government, the demand on account of repairs in the Coimbatore division should be restricted to the extent made available by surrender.

5. The sum of Rs. 409 surrendered from the current year's grant to the Nilgiri division under Imperial Civil Works, Postal Repairs, will be transferred to the Cuddapah division, where funds are urgently required (*vide* G.O., No. 45 W., dated 9th January 1889).

6. Since grants for Minor New Works, Postal, are at the disposal of the Director-General of the Post Office of India, the Superintending Engineer will apply to that officer for funds required for renewing the roof of the Post office at Cherambadi.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineers, III & IV Circles.
„ Examiner, Public Works Accounts.
„ Military Department.

Exd. A. D. Xavier.
Spare Copies

1159
1160

75 18

GENERAL.
ACCOUNT.

Gobt. of {1889} Madras.
PUBLIC WORKS.

Dated February, 1st.

Recd.

Encl.

G.O., 1st Feb. 1889, No. 266 W.

FEBRUARY.

Funds

Orders on statement of surrenders and
demands submitted by the Superintending
Engineer, IV Circle.

C. No. 3358.

Note.

In their accompanying re-
-solution, the Govt. of India
direct that provision to the
extent of Rs 20,000 should be
made for improving the sani-
-tation of the lines of Native Troops
and that the allotments for the
barracks at Poonaallee and
Malahapuram should, if possible,
be increased by postponing less
important works. As the opinion
of the Quarter Master General
is required in the above cases
it is proposed to make ^{the} accom-
-panying reference to that Officer.
The other points noticed by the
Govt. of India can be replied
to by this office.

2. The orders of the Govt of
India on the budget and
revised estimates under all
funds have been received this
year later than usual and
every effort is being made
to issue the final budgets
early as possible.

the accompanying draft letter
to the Quarter Master General
will have to be approved by
H before issue and as it
will save time if the letter
is despatched to the Quarter
Master General from the CofS
office, I beg to suggest that
the letter may be issued
under the signature of H.

Maj 11/4
para 6 can be replied to in
this office.
para 7 - the proposal does
not seem practicable.
It seems advisable that the
letter L. Q. M. G. should
come direct from the Commander

Wm
11.4.89

in Urgent
No 53 D of 13 April 1889
To

The Quarter Master General
Madras.

Sir,

1159
1160
I have the honor to
forward herewith a copy of
the Resolution of the Govt of
India, Military Department,
No: 683 M. W. D/29th March 1889
and to request, with reference
to para 4 thereof, that I may be
furnished with information
as to the works, for which funds
were provided in the preliminary
issue, from which Rs 20,000,
should be transferred to meet
the provision required for
improving the sanitation of
the lines of Native Troops.

1159
1160
2. 17 With reference to para
5 of the Resolution, information
is also requested as to whether
any and, if so, which of the works,
for which funds were provided
in the preliminary budget, can
be conveniently postponed to
provide increased grants for

17 20

barracks at Poonamallee and
Malapuram.

3. As the final issue
of the Military Works Budget
should be submitted so as to
reach the Govt. of India not later
than the 1st May 1889, a very
early reply to this reference
is requested.

WCH
11.4.89

Quincy
13.4.89

1053 D of 13 April 1889

1159W

Done 13.4.89

despatch 13.4.89

W

Urgent

Urgent

FINAL ISSUE.

1159
1160

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1889-90.

CHEPÂK,
1st May 1889.

Lieut. Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.

21

21

24

2/11

2.1.89

18.19/41

IMPERIAL.
MILITARY WORKS.

1159
7260
MADRAS.

CONTENTS.

	PAGE
ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE	2
DITTO DITTO OF EXPENDITURE	3
DETAILS OF THE BUDGET-ESTIMATE OF EXPENDITURE—	
PART I.—DETAIL OF ESTIMATE FOR ORIGINAL WORKS, CLASS A	4 & 5
DITTO DITTO CLASS B	6 & 7
APPENDIX TO ABOVE—	
APPENDIX B.—LIST OF CLASS C WORKS	8 to 17

22
28

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM
MILITARY WORKS IN MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF
MILITARY WORKS IN MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.

2

IMPERIAL.
MILITARY WORKS.

MADRAS.

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

	BUDGET-ESTIMATE, 1889-90.											
	ACTUALS, 1887-88.	BUDGET-ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	ORIGINAL WORKS.			REPAIRS.	ESTABLISHMENT.	TOOLS AND PLANT.	SUSPENSE ACCOUNT. BARRACK DEPARTMENT.	TOTAL.	
				In progress.	Not commenced.	Total.						
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. Rs.	Rs.	
PROVISION FROM IMPERIAL FUNDS.												
in India ...	5,28,310	6,24,300	6,26,700	1,04,842	1,48,408	2,53,250	2,95,650	1,27,600	8,200		6,84,700	
in England.	...	...	...	...	...	...	...	...	...		...	
Total ...	5,28,310	6,24,300	6,26,700	1,04,842	1,48,408	2,53,250	2,95,650	1,27,600	8,200		6,84,700	
PROVISION FROM CONTRIBUTIONS.												
In India ...	3,726	...	...	...	...	...	...	...	...	...	...	
Grand Total...	5,32,036	6,24,300	6,26,700	1,04,842	1,48,408	2,53,250	2,95,650	1,27,600	8,200		6,84,700	

STATEMENT SHOWING THE WORKS ON WHICH OUTLAY IN ENGLAND ABOVE PROVIDED FOR IS TO BE INCURRED.

[3

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS A

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
					Rs.
				IMPERIAL ORDINARY.	
				MILITARY.	
				Original Works.	
Accommodation for troops— Buildings for European troops in the plains. Permanent.	West Coast.	Malapuram ...	1	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,91,412
	Chingleput.	Poonamallee ...	2	New barracks	1,66,885
	Nilgiri ...	Wellington ...	3	Quarters for three Apothecaries ...	16,000
	Presidency.	Fort St. George	4	Converting the old Adjutant-General's office into barracks for single men.	25,097
Buildings for Native troops.	Do.	Bangalore ...	5	Additions to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	30,346
Ordnance works ...	Bellary ...	Bellary ...	6	New workshops for the Arsenal ...	45,500
				Total ...	...

[4]

MADRAS.

I.

ORIGINAL WORKS FOR THE YEAR 1889-90.
WORKS.

OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
1,39,673	20,234	20,000	...		1	G.O., No. 3737 W., dated 27th November 1888. Item No. 2, class A works, budget of 1888-89.
6,607	20,000	30,000	...		2	G.O., No. 465 W., dated 19th February 1879. Revised estimate is awaited. Item No. 2, class B works, budget of 1888-89.
...	14,500	1,500	...		3	G.O., No. 2448 W., dated 13th August 1888. Item No. 1, class B works, budget of 1888-89.
15,586	3,820	5,400	...	56,900	4	G.O., No. 3000 W., dated 9th November 1887.
21,903	3,210	5,000	...	5,000	5	G.O., No. 3237 W., dated 12th October 1888. Item No. 3, class A works, budget of 1888-89.
6,889	22,650	15,992	...	15,992	6	G.O., No. 2527 W., dated 17th August 1888. Item No. 5, class B works, budget of 1888-89.
...	...	77,892	...	77,892		

[5]

28/28

IMPERIAL
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. Accommodation for troops—	Presidency.	B. Fort St. George.	1	Converting the block of buildings containing the main guard, No. 6, Captains' quarters, &c., into barracks for single men.	5,785
Buildings for European troops in the plains. Permanent.	...	...	2	Institutes of British Regiments and Batteries in the Presidency.	...
Buildings for Native troops.	Presidency.	Bangalore ...	3	Public buildings for a regiment of Native Cavalry.	30,990
	...	...	4	Improving the sanitation of the lines of Native troops	...
	North Arcot.	Vellore ...	5	Providing accommodation in the Fort for two companies, Native Infantry.	...
2. Ordnance works ...	Bellary ...	Bellary ...	6	Five double quarters for the Staff Sergeants attached to the Ordnance Department.	35,350
	Do. ...	Do. ...	7	Timber-shed, Bellary Arsenal ...	...
	Presidency.	Madras ...	8	Shed for the camp equipage ...	6,935
	Do. ...	Do. ...	9	Workshops, Gun Carriage Factory.	...
			10	Reserve with the Government for incomplete ordnance works.	...
			11	Minor works under Ordnance ...	...
4. Staff and Miscellaneous.	Nilgiri ...	Ootacamund...	12	Water-supply, Lawrence Asylum...	12,350
8. Fortifications ...	Presidency.	Madras ...	13	Alterations to the Rifle Ranges at Veyasarpandy.	6,076
			14	Reserve with the Government for incomplete major works.	...
			15	Reserve with the Government for incomplete minor works.	...
			16	New minor works ...	...
			Total ...		...
			Grand Total ...		...

[6]

MADRAS.

I—cont.

ORIGINAL WORKS FOR THE YEAR 1889-90.
WORKS.

OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,785	...	1	G.O., No. 2612 W., dated 24th August 1888.
...	...	...	20,000	25,785	2	Estimates are awaited.
...	...	...	20,000	...	3	G.O., No. 1302 W., dated 25th May 1886. Item No. 41, class C works, budget of 1888-89.
...	...	...	16,699	...	4	Estimates are awaited.
...	...	...	3,490	40,189	5	Do.
...	...	...	15,000	...	6	G.O., No. 1650 W., dated 18th June 1887.
...	...	...	2,590	...	7	Estimate is awaited.
...	...	...	6,935	...	8	G.O., No. 2558 W., dated 27th September 1887. Item No. 47, class C works, budget of 1888-89.
...	...	...	19,483	...	9	Estimate is awaited.
...	...	3,050	...	...	10	
...	...	...	5,000	52,058	11	
...	...	...	12,350	12,350	12	G.O., No. 2139 W., dated 14th July 1888.
...	...	...	6,076	6,076	13	G.O., No. 3150 W., dated 8th October 1888.
...	...	13,900	...	13,900	14	
...	...	10,000	...	10,000	15	
...	...	...	15,000	15,000	16	
...	...	26,950	1,48,408	1,75,358		
...	...	1,04,842	1,48,408	2,53,250		

[7]

25 25

IMPERIAL
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS F

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. Accommodation for troops—	Bellary ...	Bellary ...	1	Swimming-bath, British Infantry.	7,644
Buildings for European troops in the plains. Permanent.	Do. ...	Do. ...	2	Alterations and additions to the military prison.	...
	Do. ...	Do. ...	3	Guard-room for the station hospital.	4,290
	Do. ...	Do. ...	4	Infectious disease ward, cook-house and station hospital.	6,140
	Do. ...	Do. ...	5	Purveyor's quarters for the station hospital.	3,046
	Do. ...	Do. ...	6	Reroofing verandah of marriage range, European Infantry Barracks.	13,307
	Nilgiri ...	Wellington ...	7	Quartermaster's stores and office for British Infantry Regiment.	...
	Do. ...	Do. ...	8	A ward to accommodate 35 men, station hospital.	...
	Do. ...	Do. ...	9	Gymnasium, 2nd Royal Fusiliers.	...
	Do. ...	Do. ...	10	Quarters for three hospital purveyors.	4,750
	Do. ...	Do. ...	11	Constructing hut barracks for 500 men.	...
	Do. ...	Ootacamund...	12	Quarters for a Sub-Conductor attached to the Army headquarters.	...
	Do. ...	Do. ...	13	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant instructors, N.V. Rifles.	3,600
West Coast.	Calicut ...	...	14	A new barrack with subsidiary buildings for 30 men.	...
Presidency...	Bangalore ...	...	15	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...
Do. ...	Do. ...	...	16	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240

MADRAS.

B.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	7,644	...	1	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1888-89.
...	...	...	3,980	...	2	Estimate is awaited. Item No. 2, class C works, budget of 1888-89.
...	...	...	4,290	...	3	G.O., No. 1384 W., dated 17th May 1888.
...	...	...	6,140	...	4	G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1888-89.
...	...	...	3,046	...	5	G.O., No. 771 W., dated 7th March 1888.
...	...	...	13,307	...	6	G.O., No. 3420 W., dated 15th December 1887.
...	...	...	25,000	...	7	Estimate is awaited.
...	...	...	20,000	...	8	Do.
...	...	...	10,000	...	9	Estimate is awaited. Item No. 8, class C works, budget of 1888-89.
...	...	...	4,750	...	10	G.O., No. 615 W., dated 21st February 1888. Item No. 49, class C works, budget of 1888-89.
...	...	...	10,000	...	11	Estimate is awaited.
...	...	...	7,500	...	12	Do.
...	...	...	3,600	...	13	G.O., No. 1068 W., dated 9th April 1888.
...	...	...	20,000	...	14	Estimate is awaited. Item No. 9, class C works, budget of 1888-89.
...	...	...	3,600	...	15	Estimate is awaited.
...	...	...	10,240	...	16	G.O., No. 2384 W., dated 20th September 1886. Item No. 23, class C works, budget of 1888-89.

25.25

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
1. Accommodation for troops— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore ...	17	New orderly room or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers.	...
	Do. ...	Do. ...	18	Battery office for Royal Horse Artillery.	5,680
	Do. ...	Do. ...	19	Buildings for Wheeler's shop, Royal Artillery.	...
	Do. ...	Do. ...	20	Quarters for the Senior Apothecary, North Station Hospital.	5,300
	Do. ...	Do. ...	21	Quarters for the Assistant Apothecary, North Station Hospital.	4,773
	Do. ...	Madras ...	22	New military hospital on the site of the old fishing village near the Presidency College.	...
	Do. ...	Fort St. George.	23	Wash-houses to be built outside the barracks in lieu of the north and south wash-houses inside.	...
	Do. ...	Do. ...	24	Garrison bazaars to be done away with and new cook-houses to be built on the site.	...
	Do. ...	Do. ...	25	Repairs to floors of B, C, D blocks, family quarters.	...
	Do. ...	Do. ...	26	Construction of coach houses and stables for the use of officers.	...
	Chingleput.	Poonamallee...	27	Warrant officers' quarters	...
	Do. ...	Do. ...	28	Two Staff Sergeants' quarters, 1st class.	...
	Do. ...	Do. ...	29	Coffee-shop ...	...
	Do. ...	Pallavaram ...	30	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
	Do. ...	St. Thomas' Mount.	31	A wheeler and collar-maker's shop for the west barracks.	5,660

[10]

MADRAS.

B—*cont.*

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—*cont.*

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500	...	17	Estimate is awaited. Item No. 29, class C works, budget of 1888-89.
...	...	...	5,680	...	18	G.O., No. 2906 W., dated 17th September 1888. Item No. 30, class C works, budget of 1888-89.
...	...	...	3,100	...	19	Estimate is awaited. Item No. 31, class C works, budget of 1888-89.
...	...	...	5,300	...	20	G.O., No. 3385 W., dated 27th November 1882. Item No. 34, class C works, budget of 1888-89.
...	...	...	4,773	...	21	G.O., No. 938/2 W., dated 5th April 1884. Item No. 35, class C works, budget of 1888-89.
...	...	...	25,000	...	22	Estimate is awaited.
...	...	...	2,500	...	23	Do.
...	...	...	4,500	...	24	Do.
...	...	...	10,070	...	25	Estimate is awaited. Item No. 25, class C works, budget of 1888-89.
...	...	...	15,770	...	26	Estimate is awaited. Item No. 26, class C works, budget of 1888-89.
...	...	...	3,500	...	27	Estimate is awaited. Item No. 11, class C works, budget of 1888-89.
...	...	...	6,000	...	28	Estimate is awaited. Item No. 12, class C works, budget of 1888-89.
...	...	...	9,000	...	29	Estimate is awaited. Item No. 13, class C works, budget of 1888-89.
...	...	...	3,000	...	30	Estimate is awaited. Item No. 14, class C works, budget of 1888-89.
...	...	...	5,660	...	31	G.O., No. 2717 W., dated 3rd November 1884. Item No. 15, class C works, budget of 1888-89.

[11]

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
1. Accommodation for troops— Buildings for European troops in the plains. Permanent.	Chingleput.	St. Thomas' Mount.	32	Sergeants' Mess for east barracks...	5,450
	Do. ...	Do. ...	33	Quarters for three Medical Subordinates attached to the station hospital.	...
	Do. ...	Do. ...	34	Quarters for head-quarter staff, Royal Artillery.	...
	Do. ...	Do. ...	35	Battery office for P/1st Royal Artillery, east barracks.	3,700
	Do. ...	Do. ...	36	Raising the roof of harness-room, Troop lines.	4,200
Buildings for Native troops.	Vizagapatam	Vizianagrum.	37	Regimental store for Native Infantry, including storage for camp equipage.	3,480
	Bellary ...	Bellary ...	38	Places-of-arms for a regiment of Madras Infantry.	10,070
	Do. ...	Do. ...	39	School-house for Native Infantry Regiment.	3,030
	Do. ...	Do. ...	40	New saddle-rooms for the Madras Cavalry Regiment.	30,000
	Nilgiri ...	Wellington ...	41	Quarters for 32 men, Army hospital, Native corps.	...
	West Coast.	Quilon ...	42	Armourers' shop ...	2,489
	Do. ...	Cannanore ...	43	Quarters for eleven men of the Army hospital, Native corps.	...
	Chingleput.	Pallavaram ...	44	Magazine for Madras Infantry Regiment.	4,900
	Do. ...	Do. ...	45	Armourers' shop for Madras Infantry Regiment.	2,880
	Do. ...	St. Thomas' Mount.	46	Wooden shed at the proof range ...	2,820
2. Ordnance works.	Presidency.	Madras	47	Constructing a coal store	...
	Do. ...	Do. ...	48	Providing sun-shades to doors and windows in the Ordnance lines.	4,160

MADRAS.

B—*cont.*

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—*cont.*

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,450	...	32	G.O., No. 1118 W., dated 14th April 1888. Item No. 16, class C works, budget of 1888-89.
...	...	...	8,000	...	33	Estimate is awaited. Item No. 17, class C works, budget of 1888-89.
...	...	...	12,000	...	34	Estimate is awaited. Item No. 18, class C works, budget of 1888-89.
...	...	...	3,700	...	35	G.O., No. 1552 W., dated 28th May 1888. Item No. 20, class C works, budget of 1888-89.
...	...	...	4,200	...	36	G.O., No. 3137 W., dated 17th December 1881. Item No. 21, class C works, budget of 1888-89.
...	...	...	3,480	...	37	G.O., No. 2628 W., dated 27th October 1884. Item No. 36, class C works, budget of 1888-89.
...	...	...	10,070	...	38	G.O., No. 92 W., dated 15th January 1889.
...	...	...	3,030	...	39	G.O., No. 149 W., dated 17th January 1884. Item No. 37, class C works, budget of 1888-89.
...	...	...	10,000	...	40	G.O., No. 92 W., dated 15th January 1889.
...	...	...	12,380	...	41	Estimate is awaited.
...	...	...	2,489	...	42	G.O., No. 3772 W., dated 29th November 1888.
...	...	...	3,670	...	43	Estimate is awaited.
...	...	...	4,900	...	44	G.O., No. 334 W., dated 8th February 1886. Item No. 39, class C works, budget of 1888-89.
...	...	...	2,880	...	45	G.O., No. 3149 W., dated 22nd December 1884. Item No. 40, class C works, budget of 1888-89.
...	...	...	2,820	...	46	G.O., No. 3077 W., dated 13th December 1884. Item No. 48, class C works, budget of 1888-89.
...	...	...	10,000	...	47	Estimate is awaited.
...	...	...	4,160	...	48	G.O., No. 2248 W., dated 22nd August 1887. Item No. 46, class C works, budget of 1888-89.

IMPERIAL
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
3. Commissariat build- ings.	Nilgiri ...	Wellington ...	49	Quarters for a Milling Engineer, Commissariat Department.	...
	West Coast.	Calicut ...	50	A bakery ...	...
	Do. ...	Malapuram ...	51	Cattle-shed for the Commissariat Department.	...
	Do. ...	Do. ...	52	Sheds for 12 bullocks and 10 mules.	2,824
	Do. ...	Calicut ...	53	Sheds for transport animals	8,255
	Chingleput.	Guindy ...	54	Quarters for the station butcher attached to the slaughter-house.	3,600
	Do. ...	Saidápet ...	55	Constructing a new road from the Mount Road direct to the slaughter-house.	3,468
	Presidency.	Madras ...	56	Workshops and sheds for carts and cattle, Transport Department.	...
	Do. ...	Do. ...	57	Mule-shed at Transport lines, Pudupet.	...
	Do. ...	Do. ...	58	Quarters for two Staff Sergeants at Pudupet.	...
	Do. ...	Do. ...	59	Quarters for a Conductor, Commis- sariat Department.	...
	Do. ...	Do. ...	60	Constructing a wheat godown at Teynampet.	...
	Do. ...	Bangalore ...	61	Quarters for a Conductor, Trans- port Department.	5,800
	Do. ...	Do. ...	62	Quarters for an Ambulance Ser- geant near Cattle lines, Transport Department.	...
4. Staff and Miscel- laneous.	Nilgiri ...	Ootacamund...	63	Water-supply, Lawrence Asylum.	12,350
	Do. ...	Do. ...	64	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
7. General Cantonment works.	Bellary ...	Guntakal ...	65	New rest-house and site for the rest-camp.	...

MADRAS.

B—*cont.*

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM
WORKS—*cont.*

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable dur- ing 1888-89.	Works in pro- gress.	Works not com- menced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	7,500	...	49	Estimate is awaited.
...	...	...	6,860	...	50	Do.
...	...	...	4,000	...	51	Estimate is awaited. Item No. 50, class C works, budget of 1888-89.
...	...	...	2,000	...	52	G.O., No. 1245 W., dated 27th April 1888.
...	1,316	...	6,945	...	53	G.Os., No. 3302 W., dated 17th October 1888, and No. 675 W., dated 8th March 1889.
...	...	...	3,600	...	54	G.O., No. 1259 W., dated 30th April 1888. Item No. 52, class C works, budget of 1888-89.
...	...	...	3,468	...	55	G.O., No. 534 W., dated 16th February 1888.
...	...	...	20,000	...	56	Estimate is awaited. Item No. 55, class C works, budget of 1888-89.
...	...	...	11,210	...	57	Estimate is awaited.
...	...	...	3,500	...	58	Do.
...	...	...	4,000	...	59	Estimate is awaited. Item No. 56, class C works, budget of 1888-89.
...	...	...	5,950	...	60	Estimate is awaited. Item No. 57, class C works, budget of 1888-89.
...	...	...	5,800	...	61	G.O., No. 992 W., dated 16th April 1886. Item No. 53, class C works, budget of 1888-89.
...	...	...	3,000	...	62	Estimate is awaited. Item No. 54, class C works, budget of 1888-89.
...	...	...	12,350	...	63	G.O., No. 2139 W., dated 14th July 1888. Item No. 62, class C works, budget of 1888-89.
...	...	...	3,000	...	64	G.O., No. 2139 W., dated 14th July 1888.
...	...	...	6,699	...	65	Estimate is awaited.

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
	Presidency.	Bangalore ...	66	Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	2,846
7. General Cantonment works.	Presidency.	Bangalore ...	67	Drainage, British Infantry Barracks.	8,112
	Do. ...	Fort St. George	68	Remodelling the drainage ...	...
	Do. ...	Madras ...	69	Flushing drains of Native Infantry lines at Rayapuram.	4,300
8. Fortifications	Chingleput.	St. Thomas' Mount.	70	General improvements to the drains of the cantonment.	...
	West Coast.	Malapuram ...	71	Constructing a fortified post ...	8,248
	North Arcot.	Vellore Fort...	72	Constructing draw-bridge ...	6,450
	Presidency.	Fort St. George	73	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	74	Constructing a draw-bridge at the north gate.	4,487
	Do. ...	Do. ...	75	Demolition of out-houses, clearance of ditch and completion of walls.	...

MADRAS.

B—*cont.*

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM
WORKS—*cont.*

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	2,846	...	66	G.O., No. 1261 W., dated 1st May 1888. Item No. 32, class C works, budget of 1888-89.
...	...	...	8,112	...	67	G.O., No. 2615 W., dated 24th August 1888. Item No. 33, class C works, budget of 1888-89.
...	...	...	10,000	...	68	Estimate is awaited. Item No. 23, class C works, budget of 1888-89.
...	...	...	4,300	...	69	G.O., No. 1397 W., dated 4th June 1884. Item No. 42, class C works, budget of 1888-89.
...	...	...	10,000	...	70	Estimate is awaited. Item No. 19 class C works, budget of 1888-89.
...	...	...	8,248	...	71	G.O., No. 3114 W., dated 18th November 1887. Item No. 58, class C works, budget of 1888-89.
...	...	...	5,000	...	72	G.O., No. 528 W., dated 7th March 1885. Revised estimate is awaited. Item No. 12, class B works, budget of 1888-89.
...	...	...	7,426	...	73	Estimate is awaited. Item No. 59, class C works, budget of 1888-89.
...	...	...	4,487	...	74	G.O., No. 2447 W., dated 13th August 1888. Item No. 60, class C works, budget of 1888-89.
...	...	...	10,000	...	75	Estimate is awaited. Item No. 61, class C works, budget of 1888-89.

30 30

~~PRELIMINARY~~ ISSUE

MADRAS.

01

OF THE

FOR THE YEAR

CHEPÂK,
18th December 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

Joint key to Capt. P. W. D.

1st May 1899.

1159
1160

IMPERIAL.
MILITARY WORKS

MADRAS.

CONTENTS.

	PAGE
ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE	2
DITTO DITTO OF EXPENDITURE 	3
DETAILS OF THE BUDGET-ESTIMATE OF EXPENDITURE—	
PART I.—DETAIL OF ESTIMATE FOR ORIGINAL WORKS, CLASS A	4 & 5
DITTO DITTO CLASS B 	6 & 7
APPENDIX TO ABOVE—	
APPENDIX B.—LIST OF CLASS C WORKS	8 to 17

32.32

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM
MILITARY WORKS IN MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.

	ACTUALS, 1887-88.	BUDGET- ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	BUDGET- ESTIMATE, 1889-90.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	26,973	27,800	27,000	27,000
In Civil and Military Departments	...	...	...	...
Total ...	26,973	27,800	27,000	27,000

CHARGES.

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF
MILITARY WORKS IN MADRAS FROM 1st APRIL 1889 TO 31st MARCH 1890.

		REFERENCE TO DETAILED ESTIMATE.	ACTUALS, 1887-88.	BUDGET- ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	BUDGET- ESTIMATE, 1889-90.
			Rs.	Rs.	Rs.	Rs.
ORIGINAL WORKS	{ IN PROGRESS NOT COMMENCED }	...	1,30,574 1,30,814	2,08,550	2,06,600 2,15,092	1,12,842 1,48,400 1,36,058
REPAIRS ...	{ ORDINARY SPECIAL }	...	2,73,110 2,96,596	3,00,000	3,03,900 2,98,400	2,75,650 3,00,000
ESTABLISHMENT	...	...	98,303	1,08,755	1,09,200 1,08,742	1,27,600
TOOLS AND PLANT	...	...	6,323	6,995	7,000 6,994	8,200
SUSPENSE ACCOUNT	...	...	...	...	...	...
Total ...	...	...	5,28,310 5,32,036	6,24,300	6,26,700 6,24,228	6,84,700

[2]

IMPERIAL.
MILITARY WORKS.

MADRAS.

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

BUDGET-ESTIMATE, 1889-90.											
	ACTUALS, 1887-88.	BUDGET-ESTIMATE, 1888-89.	REVISED ESTIMATE, 1888-89.	ORIGINAL WORKS.			REPAIRS.	ESTABLISHMENT.	TOOLS AND PLANT.	EXPENSE ACCOUNT. BARRACK DEPARTMENT.	TOTAL.
				In progress.	Not commenced.	Total.					
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PROVISION FROM IMPERIAL FUNDS.											
In India ...	5,28,310	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	6,84,700
In England.	...	...	...	...	...	...	...	...	...	...	...
Total ...	5,28,310	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	6,84,700
PROVISION FROM CONTRIBUTIONS.											
In India ...	3,726	...	...	...	...	...	...	...	...	...	...
Grand Total...	5,32,036	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	6,84,700

STATEMENT SHOWING THE WORKS ON WHICH OUTLAY IN ENGLAND ABOVE PROVIDED FOR IS TO BE INCURRED.

		BUDGET-ESTIMATE, 1889-90.
	ACTUALS, 1887-88.	
	BUDGET-ESTIMATE, 1888-89.	
	REVISED ESTIMATE, 1888-89.	
		ORIGINAL WORKS.
	In progress.	
	Not commenced.	
	Total.	
	TOOLS AND PLANT.	
	SURPLUS ACCOUNT.	
	TOTAL.	

[3]

33 34

IMPERIAL
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS A

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				<i>Original Works.</i>	
1. Accommodation for troops— Buildings for European troops in the plains. Permanent.	West Coast.	Malapuram ...	1	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,91,412
	Chingleput.	Poonamallee ...	2	New barracks	1,66,885
	Nilgiri ...	Wellington ...	3	Quarters for three Apothecaries ...	16,000
	Presidency.	Fort St. George.	4	Converting the old Adjutant-General's office into barracks for single men.	25,097
1. Accommodation for troops— Buildings for Native troops.	Do.	Bangalore ...	5	Additions to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	30,346
2. Ordnance works ...	Bellary ...	Bellary ...	6	New workshops for the Arsenal ...	45,500
Total ...					...

[4]

MADRAS.

I.

ORIGINAL WORKS FOR THE YEAR 1889-90.
WORKS.

OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
1,39,673	20,234 20,000	20,000	...		1	G.O., No. 3737 W., dated 27th November 1888. Item No. 2, class A works, budget of 1888-89.
6,607	20,000	30,000	...		2	G.O., No. 465 W., dated 19th February 1879. Revised estimate is awaited. Item No. 2, class B works, budget of 1888-89.
...	14,500 9,500	1,500 9,500	...		3	G.O., No. 2448 W., dated 13th August, 1888. Item No. 1, class B works, budget of 1888-89.
15,586	3,820	5,400	...	56,900 64,900	4	G.O., No. 3000 W., dated 9th November 1887.
21,903	3,210	5,000	...	5,000	5	G.O., No. 3237 W., dated 12th October 1888. Item No. 3, class A works, budget of 1888-89.
6,889	22,650	15,992	...	15,992	6	G.O., No. 2527 W., dated 17th August 1888. Item No. 5, class B works, budget of 1888-89.
...	...	85,892 77,872	...	85,892 77,872		

[5]

34 3A

IMPERIAL
MILITARY WORKS.

PART
DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. Accommodation for troops—	Presidency.	B. Fort St. George.	1	Converting the block of buildings containing the main guard, No. 6, Captains' quarters, &c., into barracks for single men.	5,785
Buildings for European troops in the plains. Permanent.	Do.	Do.	2	Institutes of British Regiments and Batteries in the Presidency.	...
1. Accommodation for troops—	Presidency.	Bangalore	3	Public buildings for a regiment of Native Cavalry.	30,990
Buildings for Native troops.	Bellary	Bellary	4	New saddle rooms for the Madras Cavalry Regiment	...
	North Arcot.	Vellore	5	Providing accommodation in the Fort for two companies, Native Infantry, the staff quarters.	42,420
2. Ordnance	Bellary	Bellary	6	Quarters for Warrant and Non-Commissioned officers, Bellary Arsenal.	...
	Do.	Do.	7	Timber-shed, Bellary Arsenal	6,935
	Presidency.	Madras	8	Shed for the camp equipage	...
	Do.	Do.	9	Workshops, Gun Carriage Factory.	...
			10	Reserve with the Government for incomplete ordnance works.	...
4. Staff & Miscellaneous	Bellary	Guntakal	11	Minor works under Ordnance	12,350
7. General Contingent works.			12	New rest-house and site for the rest camp.	...
8. Fortifications	Presidency.	Madras	13	Alterations to the Rifle Ranges at Veyasarpandy.	6,076
			14	Reserve with the Government for incomplete major works.	...
			15	Reserve with the Government for incomplete minor works.	...
			16	New minor works	...
				Total ...	...
				Grand Total ...	...

[6]

MADRAS.

I—cont.

ORIGINAL WORKS FOR THE YEAR 1889-90.
WORKS.

OUTLAY.		GRANT, 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,785	...	1	G.O., No. 2612 W., dated 24th August 1888.
...	...	...	20,000	25,785	2	Estimates are awaited.
...	...	...	20,000	...	3	G.O., No. 1302 W., dated 25th May 1886.
...	...	...	16,699	...	4	Item No. 41, class C works, budget of 1888-89.
...	...	...	10,000	...	4	Estimate is awaited.
...	...	...	3,490	40,169	5	Do.
...	...	...	...	33,490	6	G.O., No. 1650 W., dated 18th June 1887.
...	...	...	15,000	...	7	Estimate is awaited.
...	...	...	2,590	...	8	G.O., No. 2558 W., dated 27th September 1887. Item No. 47, class C works, budget of 1888-89.
...	...	...	6,935	...	9	Estimate is awaited.
...	...	...	19,483	...	10	
...	...	3,050	...	...	11	
...	...	...	5,000	...	12	G.O., No. 2139 W., dated 14th July 1888.
...	...	...	6,690	52,058	12	Estimate is awaited.
...	...	...	6,076	6,076	13	G.O., No. 3150 W., dated 8th October 1888.
...	...	13,900	...	12,775	14	
...	...	10,000	...	13,900	15	
...	...	...	15,000	10,000	16	
...	...	26,950	1,36,058	1,63,008		
...	...	1,12,842	1,36,058	2,48,900		
...	...	104,842	1,48,408	2,53,250		

[7]

35 36

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— cont.	
				MILITARY—cont.	
				Original Works—cont.	
1. Accommodation for troops— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore ...	17	New orderly room or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers.	...
	Do. ...	Do. ...	18	Battery office for Royal Horse Artillery.	5,680
	Do. ...	Do. ...	19	Buildings for Wheeler's shop, Royal Artillery.	...
	Do. ...	Do. ...	20	Quarters for the Senior Apothecary, North Station Hospital.	5,300
	Do. ...	Do. ...	21	Quarters for the Assistant Apothecary, North Station Hospital.	4,773
	Do. ...	Madras ...	22	New military hospital on the site of the old fishing village near the Presidency College.	...
	Do. ...	Fort St. George.	23	Wash-houses to be built outside the barracks in lieu of the north and south wash-houses inside.	...
	Do. ...	Do. ...	24	Garrison bazaars to be done away with and new cook-houses to be built on the site.	...
	Do. ...	Do. ...	25	Repairs to floors of B, C, D blocks, family quarters.	...
	Do. ...	Do. ...	26	Construction of coach houses and stables for the use of officers.	...
	Chingleput.	Poonamallee...	27	Warrant officers' quarters	...
	Do. ...	Do. ...	28	Two Staff Sergeants' quarters, 1st class.	...
	Do. ...	Do. ...	29	Coffee-shop ...	...
	Do. ...	Pallavaram ...	30	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
	Do. ...	St. Thomas' Mount.	31	A wheeler and collar-maker's shop for the west barracks.	5,660

B—cont.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM
WORKS—cont.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500	...	17	Estimate is awaited. Item No. 29, class C works, budget of 1888-89.
...	...	...	5,680	...	18	G.O., No. 2906 W., dated 17th September 1888. Item No. 30, class C works, budget of 1888-89.
...	...	...	3,100	...	19	Estimate is awaited. Item No. 31, class C works, budget of 1888-89.
...	...	...	5,300	...	20	G.O., No. 3385 W., dated 27th November 1888. Item No. 34, class C works, budget of 1888-89.
...	...	...	4,773	...	21	G.O., No. 938/2 W., dated 5th April 1884. Item No. 35, class C works, budget of 1888-89.
...	...	...	25,000	...	22	Estimate is awaited.
...	...	...	2,500	...	23	Do.
...	...	...	4,500	...	24	Do.
...	...	...	10,070	...	25	Estimate is awaited. Item No. 25, class C works, budget of 1888-89.
...	...	...	15,770	...	26	Estimate is awaited. Item No. 26, class C works, budget of 1888-89.
...	...	...	3,500	...	27	Estimate is awaited. Item No. 11, class C works, budget of 1888-89.
...	...	...	6,000	...	28	Estimate is awaited. Item No. 12, class C works, budget of 1888-89.
...	...	...	9,000	...	29	Estimate is awaited. Item No. 13, class C works, budget of 1888-89.
...	...	...	3,000	...	30	Estimate is awaited. Item No. 14, class C works, budget of 1888-89.
...	...	...	5,360	...	31	G.O., No. 2717 W., dated 3rd November 1884. Item No. 15, class C works, budget of 1888-89.

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. Accommodation for troops—	Bellary ...	Bellary ...	1	Swimming-bath, British Infantry.	7,644
Buildings for European troops in the plains. Permanent.	Do. ...	Do. ...	2	Alterations and additions to the military prison.	...
	Do. ...	Do. ...	3	Guard-room for the station hospital.	4,290
	Do. ...	Do. ...	4	Infectious disease ward, cook-house and station hospital.	6,140
	Do. ...	Do. ...	5	Purveyor's quarters for the station hospital.	3,046
	Do. ...	Do. ...	6	Reroofing verandah of marriage range, European Infantry Barracks.	13,307
	Nilgiri ...	Wellington ...	7	Quartermaster's stores and office for British Infantry Regiment.	...
	Do. ...	Do. ...	8	A ward to accommodate 35 men, station hospital.	...
	Do. ...	Do. ...	9	Gymnasium, 2nd Royal Fusiliers.	...
	Do. ...	Do. ...	10	Quarters for three hospital purveyors.	4,750
	Do. ...	Do. ...	11	Constructing hut barracks for 500 men.	...
	Do. ...	Ootacamund...	12	Quarters for a Sub-Conductor attached to the Army headquarters.	...
	Do. ...	Do. ...	13	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant Instructors, N.V. Rifles.	3,600
	West Coast.	Calicut ...	14	A new barrack with subsidiary buildings for 30 men.	...
	Presidency...	Bangalore ...	15	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...
	Do. ...	Do. ...	16	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240

MADRAS.

B.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	7,644	...	1	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1888-89.
...	...	...	3,980	...	2	Estimate is awaited. Item No. 2, class C works, budget of 1888-89.
...	...	...	4,290	...	3	G.O., No. 1384 W., dated 17th May 1888.
...	...	...	6,140	...	4	G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1888-89.
...	...	...	3,046	...	5	G.O., No. 771 W., dated 7th March 1888.
...	...	...	13,307	...	6	G.O., No. 3420 W., dated 15th December 1887.
...	...	...	25,000	...	7	Estimate is awaited.
...	...	...	20,000	...	8	Do.
...	...	...	10,000	...	9	Estimate is awaited. Item No. 8, class C works, budget of 1888-89.
...	...	...	4,750	...	10	G.O., No. 615 W., dated 21st February 1888. Item No. 49, class C works, budget of 1888-89.
...	...	...	10,000	...	11	Estimate is awaited.
...	...	...	7,500	...	12	Do.
...	...	...	3,600	...	13	G.O., No. 1068 W., dated 9th April 1888.
...	...	...	20,000	...	14	Estimate is awaited. Item No. 9, class C works, budget of 1888-89.
...	...	...	3,000	...	15	Estimate is awaited.
...	...	...	10,240	...	16	G.O., No. 2384 W., dated 20th September 1886. Item No. 28, class C works, budget of 1888-89.

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— cont.	
				MILITARY—cont.	
				Original Works—cont.	
1. Accommodation for troops—	Chingleput.	St. Thomas' Mount.	32	Sergeants' Mess for east barracks.	5,450
Buildings for European troops in the plains. Permanent.	Do. ...	Do. ...	33	Quarters for three Medical Subordinates attached to the station hospital.	...
	Do. ...	Do. ...	34	Quarters for head-quarter staff, Royal Artillery.	...
	Do. ...	Do. ...	35	Battery office for P/1st Royal Artillery, east barracks.	3,700
	Do. ...	Do. ...	36	Raising the roof of harness-room, Troop lines.	4,200
Buildings for Native troops.	Vizagapatam	Vizianagrum.	37	Regimental store for Native Infantry, including storage for camp equipage.	3,480
	Bellary ...	Bellary ...	38	New wing places-of-arms for two regiments, Madras Infantry.	12,070
	Do. ...	Do. ...	39	School-house for Native Infantry Regiment.	3,030
	Do. ...	Do. ...	40	Quarters for 32 men, Army hospital, Native corps.	30,000
	Nilgiri ...	Wellington ...	41	Armourers' shop ...	...
	West Coast.	Quilon ...	42	Quarters for eleven men of the Army hospital, Native corps.	2,489
	Do. ...	Cannanore ...	43	Magazine for Madras Infantry Regiment.	...
	Chingleput.	Pallavaram ...	44	Armourers' shop for Madras Infantry Regiment.	4,900
	Do. ...	Do. ...	45	Wooden shed at the proof range ...	2,880
2. Ordnance works.	Do. ...	St. Thomas' Mount.	46	Constructing a coal store	2,820
	Do. ...	Do. ...	47	Providing sun-shades to doors and windows in the Ordnance lines.	4,160

MAIRAS.

B—cont.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—cont.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,450	...	32	G.O., No. 1118 W., dated 14th April 1888. Item No. 16, class C works, budget of 1888-89.
...	...	...	8,000	...	33	Estimate is awaited. Item No. 17, class C works, budget of 1888-89.
...	...	...	12,000	...	34	Estimate is awaited. Item No. 18, class C works, budget of 1888-89.
...	...	...	3,700	...	35	G.O., No. 1552 W., dated 28th May 1888. Item No. 20, class C works, budget of 1888-89.
...	...	...	4,200	...	36	G.O., No. 3137 W., dated 17th December 1881. Item No. 21, class C works, budget of 1888-89.
...	...	...	3,480	...	37	G.O., No. 2628 W., dated 27th October 1884. Item No. 36, class C works, budget of 1888-89.
...	...	...	10,070	...	38	Estimate is awaited. G.O. No. 92 W. 15 January 1889
...	...	...	60,000	...	39	G.O., No. 149 W., dated 17th January 1884. Item No. 37, class C works, budget of 1888-89.
...	...	...	3,030	...	40	Estimate is awaited. G.O. No. 92 W. 15 January 1889
...	...	...	10,000	...	41	G.O., No. 3772 W., dated 29th November 1888.
...	...	...	12,380	...	42	Estimate is awaited.
...	...	...	2,489	...	43	G.O., No. 334 W., dated 8th February 1886. Item No. 39, class C works, budget of 1888-89.
...	...	...	3,670	...	44	G.O., No. 3149 W., dated 22nd December 1884. Item No. 40, class C works, budget of 1888-89.
...	...	...	4,900	...	45	G.O., No. 3077 W., dated 13th December 1884. Item No. 48, class C works, budget of 1888-89.
...	...	...	2,880	...	46	Estimate is awaited.
...	...	...	2,820	...	47	G.O., No. 2248 W., dated 22nd August 1887. Item No. 46, class C works, budget of 1888-89.
...	...	...	10,000	...		
...	...	...	4,160	...		

IMPERIAL
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— cont.	
				MILITARY—cont.	
				Original Works—cont.	
3. Commissariat build- ings.	Nilgiri ...	Wellington ...	48	Quarters for a Milling Engineer, Commissariat Department.	...
	West Coast. Calicut ...	...	49	A bakery ...	...
	Do ...	Malapuram ...	50	Cattle-shed for the Commissariat Department.	...
	Do ...	Do. ...	51	Sheds for 12 bullocks and 10 mules.	2,824
	Chingleput. Guindy ...	...	52	Quarters for the station butcher attached to the slaughter-house.	3,600
	Do. ...	Saidápet ...	53	Constructing a new road from the Mount Road direct to the slaughter-house.	3,468
	Presidency. Madras ...	...	54	Workshops and sheds for carts and cattle, Transport Department.	...
	Do. ...	Do. ...	55	Mule-shed at Transport lines, Pudupet.	...
	Do. ...	Do. ...	56	Quarters for two Staff Sergeants at Pudupet.	...
	Do. ...	Do. ...	57	Quarters for a Conductor, Commis- sariat Department.	...
	Do. ...	Do. ...	58	Constructing a wheat godown at Teynampet.	...
	Do. ...	Bangalore ...	59	Quarters for a Conductor, Trans- port Department.	5,800
	Do. ...	Do. ...	60	Quarters for an Ambulance Ser- geant near Cattle lines, Transport Department.	...
4. Staff and Miscel- laneous.	Nilgiri ...	Ootacamund ...	61	Water-supply, Lawrence Asylum.	12,350
	Do. ...	Do. ...	62	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
7. General Cantonment works.	Bellary. Bangalore ...	...	63	Drainage of Royal Horse Artillery graze-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	2,846

MADRAS.

B—cont.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM
WORKS—cont.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable dur- ing 1888-89.	Works in pro- gress.	Works not com- menced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	7,500	...	48	Estimate is awaited.
...	...	...	6,860	...	49	Do.
...	...	...	4,000	...	50	Estimate is awaited. Item No. 50, class C works, budget of 1888-89.
...	...	...	2,000	...	51	G.O., No. 1245 W., dated 27th April 1888.
...	...	...	3,600	...	52	G.O., No. 1259 W., dated 30th April 1888. Item No. 52, class C works, budget of 1888-89.
...	...	...	3,468	...	53	G.O., No. 534 W., dated 16th February 1888.
...	...	...	20,000	...	54	Estimate is awaited. Item No. 55, class C works, budget of 1888-89.
...	...	...	1,210	...	55	Estimate is awaited.
...	...	...	3,500	...	56	Do.
...	...	...	4,000	...	57	Estimate is awaited. Item No. 56, class C works, budget of 1888-89.
...	...	...	5,950	...	58	Estimate is awaited. Item No. 57, class C works, budget of 1888-89.
...	...	...	5,800	...	59	G.O., No. 992 W., dated 16th April 1886. Item No. 53, class C works, budget of 1888-89.
...	...	...	3,000	...	60	Estimate is awaited. Item No. 54, class C works, budget of 1888-89.
...	...	...	12,350	...	61	G.O., No. 2139 W., dated 14th July 1888. Item No. 62, class C works, budget of 1888-89.
...	...	...	3,000	...	62	G.O., No. 2139 W., dated 14th July 1888.
...	...	...	2,846	...	63	G.O., No. 1261 W., dated 1st May 1888. Item No. 32, class C works, budget of 1888-89.

39/39

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT OF CLASS F

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— cont.	
				MILITARY—cont.	
				Original Works—cont.	
7. General Cantonment works.	Presidency.	Bangalore ...	64	Drainage, British Infantry Barracks.	8,112
	Do. ...	Fort St. George	65	Remodelling the drainage ...	...
	Do. ...	Madras ...	66	Flushing drains of Native Infantry lines at Ráyapuram.	4,300
8. Fortifications	Chingleput.	St. Thomas' Mount.	67	General improvements to the drains of the cantonment.	...
	West Coast.	Malapuram ...	68	Constructing a fortified post ...	8,248
	North Arcot.	Vellore Fort.	69	Constructing draw-bridge ...	6,450
	Presidency.	Fort St. George	70	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	71	Constructing a draw-bridge at the north gate.	4,487
	Do. ...	Do. ...	72	Demolition of out-houses, clearance of ditch and completion of walls.	...

MADRAS.

B—cont.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—cont.

OUTLAY.		AMOUNT APPLIED FOR 1889-90.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	8,112	...	64	G.O., No. 2615 W., dated 24th August 1888. Item No. 33, class C works, budget of 1888-89.
...	...	...	10,000	...	65	Estimate is awaited. Item No. 23, class C works, budget of 1888-89.
...	...	...	4,300	...	66	G.O., No. 1397 W., dated 4th June 1884. Item No. 42, class C works, budget of 1888-89.
...	...	...	10,000	...	67	Estimate is awaited. Item No. 19, class C works, budget of 1888-89.
...	...	...	8,248	...	68	G.O., No. 3114 W., dated 18th November 1887. Item No. 58, class C works, budget of 1888-89.
...	...	...	5,000	...	69	G.O., No. 525 W., dated 7th March 1885. Revised estimate is awaited. Item No. 12, class B works, budget of 1888-89.
...	...	...	7,426	...	70	Estimate is awaited. Item No. 59, class C works, budget of 1888-89.
...	...	...	4,487	...	71	G.O., No. 2447 W., dated 13th August 1888. Item No. 60, class C works, budget of 1888-89.
...	...	...	10,000	...	72	Estimate is awaited. Item No. 61, class C works, budget of 1888-89.

Accounts.
Budget.

It is requested
that the above head-
ing, with number and
date of this communi-
cation, may be quoted
in any subsequent cor-
respondence on the
subject.

GOVERNMENT OF INDIA,

MILITARY DEPARTMENT.

Extract from the Proceedings of the Government of India, Military Depart-
ment,—(No. 683-M-W, under date, Fort William, the 29th March 1889).

MADRAS.

Orders on the Military Works revised estimate for 1888-89 and budget estimate for
1889-90.

READ—

Military Department Resolution No. 2143-M-W, dated the 6th November 1888.

Proceedings of the Government of Madras, Nos. 3945 and 3946-W, *Public Works*, dated
18th December 1888.

RESOLUTION.—The revised and budget estimates of revenue for the cur-
rent and ensuing years, respectively, are passed for the sums entered in the
following table :—

XXXI—REVENUE.

	Actuals, 1887-88.	Budget estimate, 1888-89.	Revised estimate, 1888-89.	Budget estimate, 1889-90.
	Rs.	Rs.	Rs.	Rs.
In the Public Works Department ...	26,973	27,800	27,000	27,000

44—EXPENDITURE.

2. The revised estimate of expenditure for the current year is passed
for Rs. 6,26,700, the amount of the existing grant.

3. The budget estimate for 1889-90 is framed for Rs. 6,84,700, of which
Rs. 6,00,000 represents the provisional grant sanctioned in Military Depart-
ment Resolution No. 2143-M-W, of the 6th November last, and the balance,
the amount allotted by the Director-General of Ordnance for ordnance
works in the Madras presidency. Subject to the remarks in the following
paragraphs, the budget estimate is passed as submitted.

4. Provision to the extent of Rs. 20,000 should be made for improving
the sanitation of the lines of Native troops.

5. The proposed allotments of Rs. 30,000 and Rs. 20,000 for the “new
barracks at Poonamallee” and the “barracks for British infantry at Mala-
puram,” respectively, are inadequate, and should, if possible, be increased by
postponing less important works. The complete estimates for both these pro-
jects should be submitted for the final approval of the Government of
India.

6. Pending the sanction to estimates for the three class B works noted
below and the receipt of further information regarding them, the allotments
proposed are passed provisionally.

Item 4,—New saddle-rooms for the Madras cavalry regiment at Bellary,
Rs. 10,000.

Rs. 792 W 1/15. 3. 89
 " 273 W 1/11. 2. 89
 " 224 W 1/17. 1. 89
 Rs. 184 W 1/22. 12. 88
 " 372 W 1/26. 11. 88

2

3358

Item 5,—Accommodation in the Vellore Fort for two companies of Native infantry, Rs. 3,490.

Item 12,—New rest-house and site for the rest-camp, Guntakul, Rs. 6,699.

7. It is noticed that a reserve of Rs. 16,950 has been provided for incomplete major works. The Government of India are of opinion that it would be better to allot the whole to specific works, e.g., the new barracks at Poonamallee, the provision for which, as already remarked, is insufficient to admit of satisfactory progress being made.

8. The details of the estimate of expenditure passed by the Government of India are shown in the following table:—

	Actuals, 1887-88.	Budget estimate, 1888-89.	Revised estimate, 1888-89.	Budget estimate, 1889-90.
	Rs.	Rs.	Rs.	Rs.
Original Works { In progress ...	1,30,574	2,03,550	2,15,100	1,12,800
{ Not commenced ...				
Repairs ...	2,93,110	3,00,000	2,93,400	3,00,000
Total Works and Repairs ...	4,23,684	5,03,550	5,08,500	5,48,900
Establishment ...	98,303	1,08,755	1,08,700	1,27,600
Tools and Plant ...	6,323	6,995	7,000	8,200
Add net modification made subsequent to the preparation of the revised estimate (to be distributed over departmental heads in final issue.)			2,500	
Total ...	5,28,310	6,24,300	6,26,700	6,84,700

2/10.4.89

9. In the abstract on page 2 of the preliminary issue, the expenditure of 1887-88 has been incorrectly quoted. The figures shown in the foregoing table should be adopted for the purposes of the final issue of the budget estimate.

10. The authority herein given to incur expenditure within the limits of the grants passed is subject to the condition of a strict adherence to the rules in force regarding financial regularity.

ORDER.—Ordered, that the foregoing be communicated to the Government of Madras, Public Works Department, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1889.

Ordered also, that a copy be forwarded to the Accountant-General, Public Works Department, for information.

(True extract)

A. E. Oberoi
 Secretary to the Government of India.

1/14 12.1.5.89
 with 30 spare copies

To The Secretary to the Govt of Madras
 as a department

B
 8.11.89

No. 7 B.

HEADING *Accounts*
Budget.

It is requested that the heading,
 number, and date of this commu-
 nication may be quoted in any
 subsequent correspondence on this
 subject.

QUARTER MASTER GENERAL'S OFFICE,
 Ootacamund,

17th April 1889.

No. 1474-A.

From

BRIGADIER-GENERAL, M. PROTHEROE, C.B., C.S.I.,

QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

Public Works ~~Department~~ DEPARTMENT.

SIR,

Referring to your letter No. 53D
 of 13th instant, I am desired to state for
 the information of Government, that
 the Commander-in-Chief, while anxious
 to meet the wishes of the Government
 of India in the matter of providing
 funds for the works marginally noted,

- (1) Improving the Sanitation of the
 Lines of Native Troops.
- (2) New Barracks at Poonamallee.
- (3) Barracks for British Infantry
 at Malapuram.

by transfer or by post-
 poning less important
 works, very much regret
 his inability to recom-

mend the adoption of either of these
 courses to any large extent, in respect
 to the works for which funds have
 been allotted in the preliminary issue

12
 1/14

of the Madras Minor Works Budget
for the current year.

2. With due regard, however, to
the importance of providing funds as
far as possible for the first of the
works mentioned, (viz. that of im-
proving the sanitation of the lines of
Native Troops), it being understood that
the required grant, (Rs. 20,000), for this
purpose for the current year can only
be met by the adoption of one or other
of the courses above referred to, unless
any portion of it could be otherwise
provided for, the Commander in Chief
is prepared

to so much	New Sanitary Rooms for the	Rs.
this year, the	Madras Co. H. Regt. at Bellary —	10,000
grants for the	New Rest House & Site for the	
works noted	Rest Camp at Guntakal —	6,699
	Total	<u>16,699</u>

in the margin, but, as the total amount
allotted for these works would fall short
of the sum required by Rs. 3301/-. His
Excellency trusts the Government will
be pleased to sanction the difference

being

1155
1160
1159.1160 310
being met from some other available
source, — as in his opinion, there is no
other work which can conveniently
be postponed, and in doing so, would
beg to draw attention to the fact, that
the sum of Rs. 20,000 will probably be
required for improving the sanitation
of Native Lines at stations outside the
Civil limits of the Madras Presidency
(viz. Secunderabad, and Belgaum)
as well as at those situated within
such limits, and for this reason he
thinks, that the difference of Rs. 3301/
above mentioned, should more pro-
perly be met from funds placed
at the disposal of local administra-
tions at Secunderabad and Belgaum,
than from the Madras Public
Works Budget.

3. While fully concurring in
the opinion of the Government of
India that, in order to admit of
satisfactory progress being made
on the two other works above

mentioned

mentioned in para 1, a more adequate allotment of funds than that provided for in the preliminary issue of the Budget should be made, the Commander in Chief much regrets that he is not in a position to suggest any source whence the said allotment could be enhanced, other than that mentioned in para 7 of Government of India Resolution received with your letter under reply.

4. An Estimate amounting to Rs. 38257. for providing accommodations in the Vellore Fort for two Companies of Native Infantry was submitted to Government in the Military Department with this office letter No: 1378A of 5th instant, which contained the information apparently required by

The

the Government of India in para 6 of their Resolution above quoted.

11/50
I have the honor to be,
Sir,

Your obt. Servant,

Affectionately
Signed
By. Genl. General.
Ga

4/4

4/4

46 46

1159-1130
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 1st May 1889

Read the following

From the Govt of India, Military Department H. E. No: 683 H. W. d/29th March 1889

From the Quarter Master General H. E. No: 1474 A. d/17th April 1889

4 120 *Quote* H. E. No: 1487 A d/18th April 1889.

5-10
Ordered that the final issue of the Imperial Military Works Budget for 1889-90 prepared for Rs 6,841,700 being the amount adopted by the Govt of India in their Resolution read at the head of these Proceedings, be printed and circulated for the information and guidance of the officers of the Department and 415 Copies as shown in the margin forwarded to the Govt of India.

2 The revised estimate of charges for 1888-89 as shown in the preliminary issue of the budget amounted to Rs 6,24,228, but to modifications of grants subsequently sanctioned increased the amount to Rs 6,26,735. The Govt of India having passed the estimate for Rs 6,26,700, that sum has been adopted in the final issue and the necessary

1st 27th

To	Simla	20
	Calcutta	25
	Total	45

B

necessary reductions have been made in the Departmental heads.

3. The expenditure of 1887-88 shown in the abstract on page 2 of the preliminary issue represents the total expenditure in India inclusive of contributions as recorded in the Finance Accounts for that year, the distribution of the outlay from Imperial Funds and contributions being separately shown in the abstract on page 3. As the Govt of India direct in para 9 of their Resolution that their figures should be adopted for the purposes of the final issue of the budget, the necessary modifications have been made in the abstract on page 2.

4. In para 4 of their Resolution the Govt. of India have decided that provision to the extent of Rs 20,000 should be made for improving the sanitation of the lines of native troops. A sum of Rs 16,699 has accordingly been provided for the purpose by withdrawing the allotments made in the preliminary issue for the marginally noted works. As the Quarter Master General reports that the sum of Rs 20,000 will probably be required for improving the sanitation

New saddle rooms for the Madras Cavalry Regiment at Bellary	Rs 10,000.
New Rest house and site for the Rest camp at Guntakal	6,699
Total Rs. 16,699	

1159
1160

6P
of Native Lines at stations outside the civil limits of the Madras Presidency viz Secunderabad, Belgaum, &c, as well as at those situated within such limits, and that the difference Rs 3301 should more properly be met from funds placed at the disposal of the local Administrations concerned than from the Madras Public Works Budget, the Govt of India will be ^{on receipt of the necessary particulars from the M.S.} requested to direct the Administrations concerned to make the necessary provision ^{from the grant at their disposal.} ~~in their budget estimates.~~

5. His Excellency the Commander-in-Chief, while fully concurring in the opinion of the Govt of India that the allotments proposed for the barracks at Poonamallee and Malapuram are inadequate and should, if possible, be increased by postponing less important works, regrets his inability to recommend this course in respect to the works for which funds have been allotted in the preliminary issue of the budget to a larger extent than that proposed in para 4 of these Proceedings. The proposal made by the Govt of India in para 7 of their Resolution ^{cannot in existing circumstances be adopted} ~~is also~~ ^{impracticable,} as the sum of Rs 16,950 referred to therein is required for incomplete

1158
1159

incomplete major works of the previous year which cannot be postponed without serious loss to Govt. The question of increasing the grant for the barracks at Poonamallee will however be kept in view ~~and~~ if any balance is available after distributing the amounts required for incomplete major works, the grant for the barracks will be ~~supplemented to the extent of the available balances~~ Revised estimates for the barracks at Malapuram and Poonamallee have been called for, and, when received, will be submitted for the approval of the Govt. of India.

6. With adverteance to para 6 of the Govt. of India Resolutions, it is observed that the allotments provided in the preliminary issue of the budget for ~~the~~ saddle room for the Madras Cavalry Regiment at Bellary and ~~the~~ ^a rest house and site for ~~the~~ ^a rest camp at Guntakal having been withdrawn in the final issue, no further action ^{at present} is necessary with reference to them. An estimate of Rs 3,825 for providing accommodation in the

7/p
Vellone Fort for two Companies of
Native Infantry has been received
and the further information
regarding it required by the Govt.
of India will be submitted in
due course.

7. The grants provided
in the preliminary budget for
~~the~~ apothecaries' quarters at
Wellington and for Repairs have
been reduced and the necessary
provision of funds for ^{the} water
supply to the Lawrence Asylum
at Cotacamund has been made
with reference to para 1 of G. O.

No: 266. Wd/1st February 1889.

8. Detailed proposals for
utilising the grants provided for
"Institutes of British Regiments
and Batteries in the Presidency"
and for improving the sanitation
of the lines of Native Troops
should be submitted as early as
practicable.

9. The Ltutg. Engineers
concerned will submit, with the
least possible delay, plans and
estimates for the unsanctioned works
for which funds have been provided
in the budget.

1159
1160

49
54
18

400

10. The grants for repairs and incomplete major and minor works will, as usual, be held at the disposal of Govt and distributed on receipt of detailed proposals from Suptg. Engineers with reference to para 1322 of the P. W. Code.

Hmr

11. The amounts provided for minor new works Ordinary and Ordnance, will be ~~respectively~~ placed at the disposal of the officers Commanding Divisions and Districts and the Inspector General of Ordnance, ^{respectively} to whom Suptg. Engineers will apply for funds required under those heads.

Press soon

Proof soon

B May

N. C. No: 1160 W. d/ 1st

Forwarded to the Govt. of India, Military Department.

WCR
22.4.59

Qued
26.4.59

Resd
14/5/59

To

V

- Superintending Engineers.
- The Examiner P. W. Accts.
- " Military Department.
- " Financial Department.
- " Director General of Ordnance.

Ret 29/4 - In 29/4
21.4.59
22/4 *25.4.59* *26/4*

40

Gobt. of Madras.
PUBLIC WORKS.

Chief Secy

Date

Recd.

G.O. 1 May 1889 No 11594
1160

Expressing Mr. M. S. S.
=

Budget for 1889/90
=

Orders circulating the
which are of the —

By Mr. M. S. S. Budget
for 1889/90.
=

January 1889
the —

50

2/2/89