(1) பக்கங்களின் எண்ணிக்கை 94

(2) புதுக்கித் திருப்பிய நாள் 8.12.1989

(3) ஆதாரங்குறிப்பவர் கருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண்.	அச்சகம்
மு. கோப்புத் தாள் எண். 1260-61	பலவகை

நாள் : 29 2.5.1990 198 .

பிறர் கண்டபடி கையாளவோ கூடாது

எஸ்-1—18,000—15-6-87.

1/1560

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Military Works.
Account.

READ—the following paper :—

Extract from the Proceedings of the Government of India, in the Military Department (No. 815-M.W., under date Fort William, the 25th March 1890).

MADRAS.

Orders on the Military Works revised estimate for 1889-90 *and budget estimate for* 1890-91.

Read—the following papers :—

Military Department Resolution No. 2265-M.W., dated 2nd November 1889.
Proceedings of the Government of Madras, Nos. 3583 and 3584-W., dated 17th December 1889.
Telegram, dated 11th March 1890, from the Government of Madras.
Military Department telegram No. 705-M.W., dated 14th March 1890.

XXXI.—REVENUE.

Resolution—

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

——	Actuals, 1888-89.	Budget estimate, 1889-90.	Revised estimate, 1889-90.	Budget estimate, 1890-91.
	RS.	RS.	RS.	RS.
In the Public Works Department	27,384	27,000	30,000	30,000

44.—EXPENDITURE.

2. *Revised estimate,* 1889-90.—The estimate is passed for Rs. 7,71,600, the amount of the existing grant. The probable lapse of Rs. 32,000 reported by the Government of Madras in their telegram of the 11th instant, although accepted by the Government of India and made available for utilisation elsewhere, could not be taken into the revised estimate owing to the late date on which the report was made.

3. *Budget estimate,* 1890-91.—The estimate has been framed for Rs. 7,29,100, of which Rs. 6,75,000 represents the provisional grant sanctioned in Military Department Resolution No. 2265-M.W., dated the 2nd November 1889, and the balance, the provision made for ordnance works in the Madras Presidency.

Pending the receipt of an explanation as to the necessity of the buildings and the reason for allotting funds in excess of the sanctioned estimate, the Government of India have decided to withdraw the allotment of Rs. 20,000 (*plus* the usual amount for establishment and tools and plant) proposed for the construction of public buildings for a regiment of Native cavalry at Bangalore. The estimate is accordingly passed for Rs. 7,04,200.

	RS.
Amount of estimate	30,533
Probable outlay during 1889-90 ...	20,000
Allotment proposed for 1890-91 ...	20,000
Total ...	40,000

4. The following remarks in connection with the budget estimate of the ensuing year should receive attention when the final issue is under preparation :—

I.—*Item iii of the class B works—Officers' mess at Wellington.*—The amount proposed, Rs. 28,040, seems large for the purpose. No expenditure should be incurred till the design is approved by the Government of India.

II.—The above observation and request are also applicable to items II and IV—new barracks at Calicut and hut barracks for 100 men at Wellington, respectively.

5. The desirability of constructing officers' quarters at Wellington is recognised, but the necessary funds must be provided from the grant now given. The Government of India are accordingly prepared to receive a proposal for re-appropriation. They would wish to receive and approve of the designs before any expenditure is incurred.

6. The details of the estimates of expenditure passed by the Government of India are exhibited in the following table :—

——	Actuals, 1888-89.	Budget estimate, 1889-90.	Revised estimate, 1889-90.	Budget estimate, 1890-91.
	RS.	RS.	RS.	RS.
Original Works { In progress / Not commenced } ...	2,02,805	2,53,250	2,93,500	{1,12,700 / 1,51,700}
Repairs	2,99,286	2,95,650	2,93,600	3,00,000
Total, Works and Repairs ...	5,02,091	5,48,900	5,87,100	5,64,400
Establishment	1,07,498	1,27,600	1,35,000	1,31,300
Tools and Plant	6,922	8,200	8,700	8,500
Net modification made since submission of the estimate (to be distributed over departmental heads in final issue)	...	...	40,800	...
Grand Total ...	6,16,511	6,84,700	7,71,600	7,04,200

7. The grant for the ensuing year passed in the foregoing table is, in the first instance, placed at the disposal of the Inspector-General of Military Works.

8. A statement in budget form should be submitted by the Government of Madras so as to reach the Government of India by the 1st May 1890, or earlier, showing all charges that will have to be incurred in Public Works divisions on account of military works, *i.e.*, charges on works other than those transferred to the Inspector-General (*vide* paragraph 5 of Army Circular, special, dated the 28th October 1889). In passing orders on this schedule, the Government of India will place a portion of the grant in the foregoing table at the disposal of the Government of Madras.

9. During the months of April and May, all expenditure on military works in progress and urgent repairs in Public Works divisions, also on account of the salaries and allowances of Barrack and other Military Works establishments in such divisions, will be incurred provisionally, without any specific budget allotment being made to the controlling authority. The Examiner of Public Works Accounts, Madras, is hereby authorised to issue letters of credit for such outlay. This expenditure will be treated as irregular for want of appropriation until funds are formally provided.

10. As the preliminary issue of the budget estimate was prepared locally, the Government of India request that the final issue may be similarly compiled.

Order.—Ordered that the foregoing be communicated to the Government of Madras in the Public Works Department, for information and guidance, with the request that 45 copies of the estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1890.

Ordered also that a copy be forwarded to the Inspector-General of Military Works, for information and guidance, and to the Accountant-General, Public Works Department, for information.

(True Extract.)

(Signed) S. GRANT, Major, R.E.,
for Secy. to the Government of India.

To the Secretary to the Government of Madras,
Public Works Department.

Office note from the Examiner of Public Works Accounts, dated 18th April 1890, No. 2212.

ORDER—dated 2nd May 1890, No. 1260 W., Public Works.

The revised and budget estimates of revenue under Imperial Military Works for 1889-90 and 1890-91, accepted by the Government of India in its resolution above recorded, have been adopted in the final budget.

2. The revised estimate of charges for 1889-90 as shown in the preliminary issue of the budget amounted to Rs. 7,30,794, but the additional allotments since sanctioned by the Government of India increased the estimate to Rs. 7,71,602. It was, however, found that this grant could not be fully utilised and a sum of Rs. 32,270 was therefore surrendered. This lapse, though accepted by the Government of India and made available for utilisation elsewhere, was not taken into the revised estimate which was passed by that Government for Rs. 7,71,600. This sum has been adopted in the final budget by reducing the grant for tools and plant by Rs. 2. The Examiner of Public Works Accounts will explain the cause of lapse in the revised estimate in his Finance Accounts for the year.

3. The budget estimate of charges for 1890-91 as shown in the preliminary budget amounted to Rs. 7,29,100, but the Government of India having disallowed the grant provided for the construction of public buildings for the Native cavalry regiment at Bangalore, and having passed the estimate for Rs. 7,04,200, that sum has been adopted in the final issue of the budget.

4. The attention of the Superintending Engineer, Military Works, will be drawn in the Military Department to para. 4 of the Government of India resolution.

5. An estimate for the proposed barracks at Calicut has been received and will be forwarded to the Government of India with the request that the restriction in clause 2, para. 4 of its resolution may be withdrawn. The Superintending Engineer, IV Circle, will, in the meanwhile, see that no expenditure is incurred on the work till the design is approved by the Government of India.

6. The question of submitting proposals for the re-appropriation of the grant required for the officers' quarters at Wellington will be considered in the Military Works Department.

7. A statement in budget form showing all charges to be incurred in Public Works divisions on account of military works has been appended to the final budget with reference to para. 8 of the resolution of the Government of India.

8. The attention of the Examiner of Public Works Accounts will be drawn to para. 9 of the resolution above recorded, and he will issue letters of credit for outlay to be incurred in the Public Works divisions on account of military works pending receipt of the orders of the Government of India placing the necessary grants at the disposal of this Government.

9. The grant provided in the preliminary budget for constructing two rooms and bath-rooms on the second floor of Nos. 4 and 5 Field officers' quarters, Fort St. George, has been withdrawn and allotted for re-roofing the Military hospital at Vizianagrum with reference to G.O., No. 449 W., dated 11th February 1890.

2/1560

10. A sum of Rs. 8,040 has been allotted for the rest-house and site for the rest camp at Guntakal by transfer from the grant provided in the preliminary budget for the officers' mess at Wellington—*vide* G.O., No. 670 W., dated 3rd March 1890.

11. No reply having been received from the Government of India to Proceedings of this Government, No. 917 W., dated 21st March 1890, forwarded with endorsement No. 918 W. of the same date, no distribution has been made of the lump sum of Rs. 20,000 provided in the budget for the sanitation of the lines of Native troops. On receipt of orders from the Government of India, the Inspector-General of Military Works will be requested to appropriate the necessary grants for the sanitation of lines situated in the Public Works divisions.

12. The grants for repairs have been distributed among the several Public Works divisions, but in the case of Military Works divisions no distribution has been made, the requirements of each division not being known.

13. The grant for ordnance minor new works will be placed at the disposal of the Inspector-General of Ordnance to whom Superintending Engineers will apply for funds required by them.

14. The sum of Rs. 20,000 set apart for new minor works, ordinary, will be placed at the disposal of the Quartermaster-General (for distribution among the officers commanding divisions and districts) and the Commissary-General to whom Superintending Engineers will apply for funds required for minor works of 1890-91.

15. In submitting their statements with reference to para. 1322 of the Public Works Code, Superintending Engineers will restrict their demands to incomplete works only.

16. With these remarks the final issue of the Military Works budget estimate for 1890-91 will be printed and circulated for the information and guidance of the officers concerned, and 45 copies, as shown in the margin, will be forwarded to the Government of India.

To Simla ...	...	20
„ Calcutta	...	25
Total ...		45

(Here enter No. 1261 W., dated 2nd May 1890.)

(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 Department.
„ Director-General of Ordnance.
„ Inspector-General of Military Works.

ENDORSEMENT—dated 2nd May 1890, No. 1261 W., Public Works.

Forwarded to the Government of India with request that early orders may be issued on the statement submitted to that Government, with reference to para. 8 of its resolution No. 815 M.W., dated 25th March 1890.

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

Exd. A. Aubert.
Spare Copies

1560

MILITARY WORKS.
ACCOUNT.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated May, 2nd.

Read. *Encl.*

G.O., 2nd May 1890, Nos. 1260, 1261 W.

MAY.

Military Works Budget for 1890-91

Forwarding copy of orders circulating final issue of the —.

Urgent

2080

No. 1735 C.

4/1580

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, 2nd april 1890

OFFICE NOTE.

From

W

To

C.

Please let me know what amounts can be fixed as the revised and the budget estimates of revenue for 1889-90 and 1890-91 respectively to be realised under Imperial Military establishments other than those transferred to the Military Works Department.

2. Please also let me

To W.

me Know the actual amount realised at the above Stations during 1888—89.

W.C.S. 2.4.'90

D.W.

No. 2212 A/ 15.4.90.

To W.

The figures required by you are as follows:-

	Rs.
1. Actual receipts in 1888-89 at stations other than those transferred to the Military Works Department.....	2,718
2. Approximate receipts in 1889-90 in stations other than those transferred to the Military WorksDepartment.....	3,418
3. Approximate receipts in 1889-90 in stations the works of which have since been transferred to the Military Works Department.....	26,582
4. Total estimate for 1889-90 as already fixed.....	30,000

E/1560

	Rs.
5. Estimated receipts for 1890-91 in stations other than those transferred to the Military Works Department.....	3,500

2. The revised estimate for 1889-90 should include all receipts realized even in the divisions transferred to the Military Works Department as those divisions were under the administration of this Government to end of March last.

C.

D.S.P.

Gr. Aug 3583-84 w dy 17. 12. 89
" " " 449 w dy 11-2-90
" " " 670 w dy 3. 3. 90
" B " 673 w dy 17. 3. 90
" A. 790-91 w dy 11. 3. 90
" " " 917-918 w dy 21. 3. 90
" " " 1735 e. dy. 2. 4. 90.

OWC No: 3754

18.4.90

126061

1-5-90

FINAL ISSUE 6/1560

MADRAS.

IMPERIAL.
MILITARY WORKS.

MILITARY WORKS AND PUBLIC WORKS DEPARTMENTS.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1890-91.

MADRAS,
2nd May 1890.

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

7/1560

IMPERIAL.
MILITARY WORKS.

CONTENTS.

	PAGE
Abstract of the Budget-Estimate of Revenue	2
Ditto ditto of Expenditure	2 & 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 21
Part II.—Detail of Estimate for Repairs	22

IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE MILITARY WORKS AND PUBLIC WORKS DEPARTMENTS FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1890 TO 31st MARCH 1891.

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
In the Military Works and Public Works Departments.	27,384	27,000	30,000	30,000
In Civil Department	...	...	...	...
Total ...	27,384	27,000	30,000	30,000

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE MILITARY WORKS AND PUBLIC WORKS DEPARTMENTS OF MILITARY WORKS IN MADRAS FROM 1st APRIL 1890 TO 31st MARCH 1891.

	Reference to Detailed Estimate.	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.
		Rs.	Rs.	Rs.	Rs.
Original Works { In progress	...	2,02,805	2,53,250	3,23,767	1,12,700
Original Works { Not commenced					1,51,700
Repairs ... ... { Ordinary	...	2,99,286	2,95,650	2,96,318	3,00,0
Repairs ... ... { Special					
Establishment	...	1,07,498	1,27,600	1,42,355	1,31,3
Tools and Plant	...	6,922	8,200	9,160	8,5
Suspense Account	....	...	...	...	...
Total ...	...	6,16,511	6,84,700	7,71,600	7,04,2

8/1560

IMPERIAL.
MILITARY WORKS.

MADRAS.

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

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	BUDGET-ESTIMATE, 1890-91.							
				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 ...	6,16,511	6,84,700	7,71,600	1,12,700	1,51,700	2,64,400	3,00,000	1,31,300	8,500	... ...	7,04,200
In England.	...	...	...	...	...	...	...	...	...	... ...	...
Total ...	6,16,511	6,84,700	7,71,600	1,12,700	1,51,700	2,64,400	3,00,000	1,31,300	8,500	... ...	7,04,200
Provision from Contributions.											
In India ...	8,522	...	...	...	...	...	...	...	...	... .	...
Grand Total ...	6,25,033	6,84,700	7,71,600	1,12,700	1,51,700	2,64,400	3,00,000	1,31,300	8,500	... ...	7,04,200

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

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	BUDGET-ESTIMATE, 1890-91.				
				Original Works.			Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.			
				Nil.					

[redacted]

IMPERIAL.
MILITARY WORKS.

[redacted]DRAS.

PART [redacted]

Head of Classification				
1. *Ac*				
B			2,147	
			26,[illegible]	
Ordnc			[redacted] 400	
			[redacted]	

21st

2 G.O., No. 1423 29th M

No. 465 W., dated 1

54,647

No. 1650 W.,

25,470 ...

2,449

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.
					Rs.
				IMPERIAL ORDINARY.	
				MILITARY.	
				Original Works.	
1. *Accommodation for troops*—	Vizagapatam.	Vizianagrum...	1	Reroofing the Military hospital ...	6,220
	...	...	2	Institutes for British Regiments and Batteries.	...
Buildings for European troops in the plains. Permanent.	West Coast.	Calicut ...	3	New barracks with subsidiary buildings.	...
	Bangalore Military Works.	Wellington ...	4	Officers' Mess	...
	Do. ...	Do. ...	5	Constructing hut-barracks for 100 men.	...
Ordnance	Do. ...	Bellary ...	6	Constructing a building for the Receipt Department at the Bellary Arsenal.	...
	Do. ...	Do. ...	7	Constructing a building for the Issue Department at the Bellary Arsenal.	...
	...	...	8	Reserve with the Inspector-General of Military Works for incomplete Ordnance works.	...
	...	...	9	Minor works under Ordnance ...	...
General Works.	*Cantonment* Bangalore Military Works.	Guntakal ...	10	Rest-house and site for the rest-camp.	8,037
	...	...	11	Improvements to the sanitation of the lines of Native troops.	...
	Bangalore Military Works.	Wellington ...	12	Connecting by means of iron pipes the drinking-water well with the barracks.	4,715
	...	...	13	Reserve with the Inspector-General of Military Works for incomplete major and minor works.	...
	...	...	14	Reserve with the Government for incomplete major and minor works.	...
	...	...	15	New minor works	...
				Total ...	...
				Grand Total ...	...

10/1560

MADRAS.

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1890-91.

WORKS.

OUTLAY.		GRANT, 1890-91.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
			4,945		1	G.O., No. 3636 W., dated 21st December 1889.
...	...	...			2	Estimates are awaited.
			20,000			
...	...	...			3	Estimate forwarded to the Government of India for approval. Item No. 14, class C works, budget of 1889-90.
			20,000			
...	...	...			4	Estimate is awaited.
			20,000			
...	...	...			5	Estimate is awaited. Item No. 11, class C works, budget of 1889-90.
			20,000	84,945		
...	...	...			6	Estimate is awaited.
			4,000			
...	...	...			7	Do.
			4,000			
...	...	...			8	
		4,000	...			
...	...				9	
			6,000	18,000		
...	...	...			10	G.O., No. 852 W., dated 1st March 1890.
			8,040			
...	...	...			11	Estimates are awaited.
			20,000			
...	...	...			12	G.O., No. 1198 W., dated 6th May 1889.
			4,715			
...	...	...				
				32,755		
				18,069	13	
		18,069	...			
...	...					
				5,000	14	
		5,000	...			
...	...					
			20,000	20,000	15	
		...				
...	...					
		27,069	1,51,700	1,78,769		
...	...					
		1,12,700	1,51,700	2,64,400		
...	...					

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON CLASS B WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1888-89.	Outlay. Probable during 1889-90.	Amount applied for 1890-91. Works in progress.	Amount applied for 1890-91. Works not commenced.	Amount applied for 1890-91. Total.	Item No.	Remarks and References.
				IMPERIAL ORDINARY.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				MILITARY.								
				Original Works.								
1. *Accommodation for troops—* Buildings for European troops in the plains. Permanent.	Bangalore Military Works.	Bellary ...	1	Quarters of the Bandmaster of the European Infantry Regiment.	4,075	...	...	...	4,075		1	G.O., No. 1441 W., dated 16th May 1888.
	Do. ...	Do. ...	2	Swimming-bath for British Infantry.	7,644	...	...	...	7,644		2	Estimate of Rs. 7,644 was sanctioned in G.O., No. 2434 W., dated 19th October 1885. Item No. 1, class C works, budget of 1889-90.
	Do. ...	Do. ...	3	New guard-room for the Station Hospital.	4,290	...	...	...	4,290		3	Estimate of Rs. 4,290 was sanctioned in G.O., No. 1384 W., dated 11th May 1888. Item No. 3, class C works, budget of 1889-90.
	Do. ...	Do. ...	4	Re-roofing with Mangalore tiles the verandahs of the British Infantry barracks.	...	...	...	...	48,350		4	Estimate is awaited.
	Do. ...	Do. ...	5	Quarters for Farrier Sergeant, Royal Artillery, at Chief Veterinary Hospital.	...	...	...	...	3,738		5	Do.
	Do. ...	Do. ...	6	Quarters for Shoeing-smith and Line Orderly at Chief Veterinary Hospital.	...	...	...	...	2,600		6	Do.
	Do. ...	Do. ...	7	Enlarging and improving Chief Veterinary Hospital.	...	...	...	...	8,490		7	Do.
	Do. ...	Do. ...	8	Barrackmaster's quarters and out-houses.	...	...	...	...	3,500		8	Do.
	Do. ...	Do. ..	9	Barrack Sergeant's quarters and out-houses.	...	...	...	...	3,500		9	Do.
	Do. ...	Do. ...	10	Infectious disease ward, cook-house, and station hospital.	6,140	...	...	...	6,140		10	Estimate of Rs. 6,140 was sanctioned in G.O., No. 320 W., dated 7th February 1884. Item No. 4, class C works, budget of 1889-90.
	Do. ...	Do. ...	11	Purveyor's quarters for the Station Hospital.	3,046	...	...	...	3,046		11	Estimate of Rs. 3,046 was sanctioned in G.O., No. 771 W., dated 7th March 1888. Item No. 5, class C works, budget of 1889-90.
	West Coast.	Calicut ...	12	Quarters for an Apothecary, West Hill Barracks.	...	...	...	...	5,000		12	Estimate is awaited.
	Do. ...	Mangalore ...	13	Quarters for two Hospital Assistants.	...	...	...	...	5,500		13	Do.
	Bangalore Military Works.	Wellington ...	14	Converting the racquet court into a covered gymnasium for the use of the British Infantry Regiment.	11,094	...	...	...	11,244		14	Estimate of Rs. 11,244 was sanctioned in G.O., No. 1893 W., dated 15th July 1889. Item No. 9, class C works, budget of 1889-90. G.O., No. 3189 W., dated 8th November 1889.
	Madras Military Works.	Fort St. George.	15	Constructing two rooms and bath-rooms on the second floor of Nos. 4 and 5, Field Officer's quarters, for the use of the offices of the Surgeon-General, Her Majesty's Forces, and of his Secretary.	4,915	...	...	...	4,915		15	G.O., No. 2236 W., dated 16th August 1889.

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS [illegible] GET-ESTIMATE OF 1890-[illegible]

CLASS [illegible]

HEAD OF CLASSIFICATION			AMOUNT OF ESTIMATE.
		IMP[illegible]	
	D[illegible]	laundry [illegible]	
plains. nent.	D[illegible]		
	D[illegible]		
	Do. ...	Do.	
	Do. ...	Do.	
	D[illegible] ...	[illegible]	
	Do.	Ootacamund..	
	[illegible]	[illegible]rs.	
	D[illegible]		
	Do. ...	Do. ... [illegible]ments' mess	5,450
	Do. ...	D[illegible] ... 29 Q[illegible] Hospital.	

[illegible] DITURE MAY BE INCURRED DURING [illegible] ATION FROM

WORK[illegible]

[illegible]	[illegible]	[illegible]	ITEM	Works gress.	Works [illegible]ment.	Total.
						3,000
						40,000

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
1 *Accommodation for troops*—Buildings for European troops in the plains. Permanent.	Madras Military Works.	St. Thomas' Mount.	30	Quarters for Head-quarter staff, Royal Artillery.	...
	Do. ...	Do. ...	31	Battery office for P/1st Royal Artillery, East barracks.	3,700
	Do. ...	Do. ...	32	Raising the roof of harness-room, Troop lines.	4,200
	Do. ...	Poonamallee.	33	Warrant officers' quarters ...	...
	Do. ...	Do. ...	34	Two Staff Sergeants' quarters, first-class.	...
	Do. ...	Do. ...	35	Coffee-shop	...
	Do. ...	Pallávaram ...	36	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
	Bangalore Military Works.	Bangalore ...	37	Constructing a Collar-maker's shop for the Royal Artillery.	...
	Do. ...	Do. ...	38	Battery office for one field battery.	...
	Do. ...	Do. ...	39	Store-rooms for one field battery ...	...
	Do. ...	Do. ...	40	One new barrack for British Cavalry Regiment.	...
	Do. ...	Do. ...	41	Bowling alley to be converted into a Skittle alley.	...
	Do ...	Do. ...	42	Laundry and disinfecting room for South Station Hospital.	...
	Do. ...	Do. ...	43	Quarters for Farrier Sergeant, Shoeing-smith, Line Orderly, and building for office, Pharmacy, &c., Station Veterinary Hospital.	...
	Do. ...	Do. ...	44	Brick-making shop, "Queen's Own" Sappers and Miners.	...
	Do. ...	Do. ...	45	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...
	Do. ...	Do. ...	46	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240

B—*cont.*

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

Outlay.		Amount applied for 1890-91.			Item No.	Remarks and References.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	12,000		30	Estimate is awaited. Item No. 34, class C works, budget of 1889-90.
...	...	...	3,700		31	Estimate of Rs. 3,700 was sanctioned in G.O., No. 1552 W., dated 28th May 1888. Item No. 35, class C works, budget of 1889-90.
...	...	...	4,200		32	Estimate of Rs. 4,200 was sanctioned in G.O., No. 3137 W., dated 17th December 1881. Item No. 36, class C works, budget of 1889-90.
...	...	...	3,500		33	Estimate is awaited. Item No. 27, class C works, budget of 1889-90.
...	...	...	6,000		34	Estimate is awaited. Item No. 28, class C works, budget of 1889-90.
...	...	...	9,000		35	Estimate is awaited. Item No. 29, class C works, budget of 1889-90.
...	...	...	3,000		36	Estimate is awaited. Item No. 30, class C works, budget of 1889-90.
...	...	...	3,040		37	Estimate is awaited.
...	...	...	6,000		38	Do.
...	...	...	5,000		39	Do.
...	...	...	32,500		40	Do.
...	...	...	2,800		41	Do.
...	...	...	7,000		42	Do.
...	...	...	9,230		43	Do.
...	...	...	6,000		44	Do.
...	...	...	3,000		45	Estimate is awaited. Item No. 15, class C works, budget of 1889-90.
...	...	...	10,240		46	Estimate of Rs. 10,240 was sanctioned in G.O., No. 2384 W., dated 20th September 1886. Item No. 16, class C works, budget of 1889-90.

IMPERIAL.
MILITARY WORKS.

MADRAS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
1 *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Bangalore Military Works.	Bangalore ...	47	New orderly-room or conversion of Quartermaster's stores into orderly-room and stores, 12th Lancers.	...
	Do. ...	Do. ...	48	Battery office for Royal Horse Artillery.	5,680
	Do. ...	Do. ...	49	Quarters for the Senior Apothecary, North Station Hospital.	5,300
	Do. ...	Do. ...	50	Quarters for the Assistant Apothecary, North Station Hospital.	4,773
	Do. ...	Do. ...	51	Constructing a Wheeler's shop for the Royal Horse Artillery.	...
	Do. ...	Do. ...	52	Constructing an orderly and officer's room for British Cavalry, Agaram barracks.	7,570
	Madras Military Works.	Madras ...	53	New Military Hospital on the site of the old fishing village near the Presidency College.	...
	Do. ...	Fort St. George	54	Garrison bazaars to be done away with, and new cook-houses to be built on the site.	...
	Do. ...	Do. ...	55	Repairs to floors of B, C, D blocks, family quarters.	...
	Do. ...	Do. ...	56	Construction of coach-houses and stables for the use of officers.	...
	Do. ...	Do. ...	57	Converting the main guard magazine into a latrine, &c., in connection with the scheme of providing extra accommodation for troops.	...
Buildings for Native troops.	Vizagapatam.	Vizianagrum.	58	Regimental store for Native Infantry including storage for camp equipage.	3,480
	Bangalore Military Works.	Bangalore.	59	Public buildings for a Regiment of Native Cavalry.	30,533

14/1560

B—*cont.*

Outlay.		Amount applied for 1890-91.			Item No.	Remarks and References.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500		47	Estimate is awaited. Item No. 17, class C works, budget of 1889-90.
...	...	...	5,680		48	Estimate of Rs. 5,680 was sanctioned in G.O., No. 2906 W., dated 17th September 1888. Item No. 18, class C works, budget of 1889-90.
...	...	...	5,300		49	Estimate of Rs. 5,300 was sanctioned in G.O., No. 3385 W., dated 27th November 1883. Item No. 20, class C works, budget of 1889-90.
...	...	...	4,773		50	Estimate of Rs. 4,773 was sanctioned in G.O., No. 938/2 W., dated 5th April 1884. Item No. 21, class C works, budget of 1889-90.
...	...	...	3,320		51	Estimate is awaited.
...	...	...	7,570		52	G.O., No. 3151 W., dated 8th October 1888.
...	...	...	25,000		53	Estimate is awaited. Item No. 22, class C works, budget of 1889-90.
...	...	...	4,500		54	Estimate is awaited. Item No. 24, class C works, budget of 1889-90.
...	...	...	10,070		55	Estimate is awaited. Item No. 25, class C works, budget of 1889-90.
...	...	...	15,770		56	Estimate is awaited. Item No. 26, class C works, budget of 1889-90.
...	...	...	3,820		57	Estimate is awaited.
...	...	...	3,480		58	Estimate of Rs. 3,480 was sanctioned in G.O., No. 2628 W., dated 27th October 1884. Item No. 37, class C works, budget of 1889-90.
...	20,000	20,000	...		59	G.O., No. 1607 W., dated 19th June 1889. Item No. 3, class B works, budget of 1889-90.

15
1560

IMPERIAL.
MILITARY WORKS.

MADRAS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				Military—*cont.*	
				Original Works—cont.	
1 *Accommodation for troops*— Buildings for Native troops.	Bangalore Military Works.	Bellary ...	60	New saddle-rooms for Native Cavalry Regiment.	30,000
	Do. ...	Do. ..	61	Places-of-arms for a regiment of Madras Infantry.	10,070
	Do. ...	Do. ...	62	School-house for Native Infantry Regiment.	3,030
	West Coast.	Cannanore ...	63	Quarters for eleven men of the Army Hospital Native Corps.	2,980
	Bangalore Military Works.	Wellington ...	64	Quarters for thirty-two men of the Army Hospital Native Corps.	11,170
	Do. ...	Bangalore ..	65	Store-rooms and workshops for the Pioneer Regiment	...
	Madras Military Works.	Pallávaram .	66	Powder magazine for Madras Infantry Regiment.	4,900
	Do. ...	Do. ...	67	Armourer's shop for Madras Infantry Regiment.	2,880
Ordnance	Do. ...	St. Thomas' Mount.	68	Wooden shed at the Proof range ...	2,820
	Do. ...	Madras ...	69	Constructing a coal store at Vepery.	...
	Do. ...	Do. ...	70	Providing sun-shades to exposed doors and windows of the Ordnance Lines quarters.	4,160
	Do. ...	Do. ...	71	New workshops, Gun Carriage Factory.	84,830
	Do. ...	Do ...	72	Reconstructing the existing saw-sheds, Gun Carriage Factory.	...
	Do. ...	Do. ...	73	Stables for each of the quarters, Ordnance Lines, Madras.	...
	Do. ...	Do. ...	74	Alterations to the roof of the blending house, Gun Carriage Factory.	...

B—*cont.*

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

Outlay.		Amount applied for 1890-91.			Item No.	Remarks and References.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	10,000		60	Estimate of Rs. 30,000 was sanctioned in G.O., No. 92 W., dated 15th January 1889.
...	...	...	10,070		61	Estimate of Rs. 10,070 was sanctioned in G.O., No. 92 W., dated 15th January 1889. Item No. 38, class C works, budget of 1889-90
...	...	...	3,030		62	Estimate of Rs. 3,030 was sanctioned in G.O., No. 149 W., dated 17th January 1884. Item No. 39, class C works, budget of 1889-90.
...	...	...	3,670		63	G.O., No. 2707 W., dated 26th September 1889.
...	...	...	12,380		64	Do. do.
...	...	...	4,860		65	Estimate is awaited.
...	...	...	4,900		66	Estimate of Rs. 4,900 was sanctioned in G.O., No. 334 W., dated 8th February 1886. Item No. 44, class C works, budget of 1889-90.
...	...	...	2,880		67	Estimate of Rs. 2,880 was sanctioned in G.O., No. 3149 W., dated 22nd December 1884. Item No. 45, class C works, budget of 1889-90.
...	...	...	2,820		68	G.O., No. 3077 W., dated 13th December 1884. Item No. 46, class C works, budget of 1889-90.
...	...	...	5,000		69	Estimate is awaited. Item No. 47, class C works, budget of 1889-90.
...	...	...	4,160		70	G.O., No. 2248 W., dated 22nd August 1889. Item No. 48, class C works, budget of 1889-90.
...	...	...	...		71	G.O., No. 2867 W., dated 12th October 1889.
...	45,000	39,830	...		72	Estimate is awaited.
...	...	...	17,615		73	Do.
...	...	...	8,510		74	Do.
...	...	...	8,298			

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLAS

Commissaria

Dry W

Do.

[

MADRAS.

B—*cont.*

WHICH EXPENDITURE BE INCURRED RE-APPROPRIA

WORKS—*cont.*

Out	Amount applied for 1890-91			Item
ofual to end of 1888-89	Work gre	Works n mence	Total.	
	Rs.	Rs.	Rs.	
				1514 W. dated 7th June
...				
				s C
				anctioned in 27th April s C works,
				s C
...				was sanctioned in
				sanctioned in
... ...				
... ...		3,000		No. 62,
...				
...		,000		No. 56, class 0.
...				
		4,000		No. 53, class 0.

[19]

IMPERIAL.
MILITARY WORKS.

APPENDIX B—*cont.*

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT OF CLASS B WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1890-91.			Item No.	Remarks and References.
						Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...								
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
Commissariat ...	Madras Military Works.	Madras ...	90	Constructing a wheat godown at Teynampet.	...	...	...	...	5,950	...	90	Estimate is awaited. Item No. 60, class C works, budget of 1889-90.
	Do. ...	Do. ...	91	Constructing sheds for mules at the Transport lines, Pudupet.	...	...	...	...	11,210	...	91	Estimate is awaited.
General Cantonment Works.	Do. ...	St. Thomas' Mount.	92	General improvements to the drains of the cantonment.	...	...	...	...	10,000	...	92	Estimate is awaited. Item No. 70, class C works, budget of 1889-90.
	Bangalore Military Works.	Bangalore ...	93	Drainage of Royal Horse Artillery, Grass-cutters' lines at Ulsoor, and preventing the fouling of the adjacent nullah.	2,846	...	...	...	2,846	...	93	Estimate of Rs. 2,846 was sanctioned in G.O., No. 1261 W., dated 1st May 1888. Item No. 66, class C works, budget of 1889-90.
	Do. ...	Do. ...	94	Drainage, British Infantry Barracks.	8,112	...	...	...	8,112	...	94	Estimate of Rs. 8,112 was sanctioned in G.O., No. 2615 W., dated 24th August 1888. Item No. 67, class C works, budget of 1889-90.
	Do. ...	Do. ...	95	Constructing box-drains, east and west of parade barracks.	...	...	...	...	4,184	...	95	Estimate is awaited.
	Madras Military Works.	Fort St. George.	96	Remodelling the drainage	...	...	...	...	10,000	...	96	Estimate is awaited. Item No. 68, class C works, budget of 1889-90.
	Do. ...	Madras ...	97	Flushing drains of Native Infantry lines at Ráyapuram.	4,300	...	...	...	4,300	...	97	Estimate of Rs. 4,300 was sanctioned in G.O., No. 1397 W., dated 4th June 1884. Item No. 69, class C works, budget of 1889-90.
Fortifications	West Coast.	Malapuram ...	98	Constructing a fortified post ...	8,248	...	...	...	8,248	...	98	Estimate of Rs. 8,248 was sanctioned in G.O., No. 3114 W., dated 18th November 1887. Item No. 71, class C works, budget of 1889-90.
	Madras Military Works.	Vellore ...	99	Draw-bridge and gate for the fort.	6,500	...	...	...	6,500	...	99	Estimate of Rs. 6,500 was sanctioned in G.O., No. 1963 W., dated 20th July 1889. Item No. 72, class C works, budget of 1889-90.
	Do. ...	Fort St. George.	100	Demolition of Wallajah ravelin and two lunettes.	...	...	...	...	7,426	...	100	Estimate is awaited. Item No. 73, class C works, budget of 1889-90.
	Do. ...	Do. ...	101	Constructing a draw-bridge at the north gate.	4,487	...	...	...	4,487	...	101	Estimate of Rs. 4,487 was sanctioned in G.O., No. 2447 W., dated 13th August 1888. Item No. 74, class C works, budget of 1889-90.
	Do. ...	Do. ...	102	Demolition of out-houses, clearance of ditch, and completion of walls.	...	...	...	...	10,000	...	102	Estimate is awaited. Item No. 75, class C works, budget of 1889-90.
Staff and Miscellaneous.	Bangalore Military Works.	Ootacamund...	103	Constructing a latrine for the boys at the Lawrence Asylum.	3,000	...	...	...	3,000	...	103	Estimate of Rs. 3,000 was sanctioned in G.O., No. 2139 W., dated 14th July 1888. Item No. 64, class C works, budget of 1889-90.

GOVERNMENT OF MADRAS.

PART II.

DETAIL OF THE BUDGET-ESTIMATE OF REPAIRS UNDER IMPERIAL—MILITARY WORKS IN MADRAS FOR THE YEAR 1890-91.

Head of Classification.	Executive Division.	Locality.	Items.	Estimate, 1890-91. Amount.	Estimate, 1890-91. Total.	Estimate, 1889-90. Amount.	Estimate, 1889-90. Total.
				Rs.	Rs.	Rs.	Rs.
			Military Buildings.				
	Ganjam	...	Annual repairs. ...	1,500			
	Vizagapatam.	...	Do. ...	9,100			
	Godávari, Eastern.	...	Do. ...	800			
	Cuddapah ...	...	Do. ...	780			
	Kurnool ...	...	Do. ...	360			
	Coimbatore ...	...	Do. ...	6,000			
	West Coast ...	...	Do. ...	22,000			
	South Arcot ...	...	Do. ...	180			
	Trichinopoly.	...	Do. ...	5,000			
	Tanjore ...	...	Do. ...	800			
	Madura ...	...	Do. ...	420			
	Tinnevelly ...	...	Do. ...	560			
	Bangalore and Madras Military Works Divisions.	...	Do. ...	2,52,500			
			Total, Military Buildings.	...	3,00,000	...	2,95,650

FINAL ISSUE 18/1560

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1890-91.

MADRAS,
2nd May 1890.

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

17
1560

IMPERIAL
MILITARY WORKS

CONTENTS.

	PAGE
Abstract of the Budget-Estimate of Revenue	2
Ditto ditto of Expenditure	2 & 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

IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1890 TO 31st MARCH 1891.

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	...	...	...	3,500
In Civil and Military Departments	...	...	...	...
Total ...	...	...	...	3,500

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FROM 1st APRIL 1890 TO 31st MARCH 1891.

	Reference to Detailed Estimate.	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.	Rs.
Original Works { In progress	...	...	...	...	8,065
Original Works { Not commenced					24,945
Repairs ... ... { Ordinary	...	...	...	...	47,500
Repairs ... ... { Special					
Establishment	...	...	...	...	18,690
Tools and Plant	...	...	...	...	1,200
Suspense Account	...	...	...	...	...
Total ...	...	...	...	...	1,00,400

85/1560

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.

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	BUDGET-ESTIMATE, 1890-91.							
				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 ...	...	...	...	8,065	24,945	33,010	47,500	18,690	1,200	... ...	1,00,400
In England.	...	...	...	...	...	...	...	...	...	... ...	...
Total ...	...	...	...	8,065	24,945	33,010	47,500	18,690	1,200	.. ...	1,00,400
Provision from Contributions. In India ...	...	...	...	...	...	...	...	...	...	... ...	...
Grand Total ...	...	...	...	8,065	24,945	33,010	47,500	18,690	1,200	... ...	1,00,400

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

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	BUDGET-ESTIMATE, 1890-91.					
				Original Works.			Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.			
				Nil.					

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.	
Commissariat ...	West Coast.	Calicut ...	1	Sheds for transport animals at Calicut.	11,265
Total ...					...

21/1560

MADRAS.

I.

ORIGINAL WORKS FOR THE YEAR 1890-91.

WORKS.

Outlay.		Grant, 1890-91.			Item No.	Remarks and References.
Actual to end of 1888-89.	Probable during 1889-90.	Work in progress.	Work not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
400	3,800	3,065	...	3,065	1	G.O., No. 3302 W., dated 17th October 1888.
...	...	3,065	...	3,065		

27/1560

MADRAS.

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.
					Rs.
				IMPERIAL ORDINARY.	
				Military.	
				Original Works.	
1. *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Vizagapatam.	Vizianagrum.	1	Reroofing the Military Hospital ...	6,220
	West Coast.	Calicut ...	2	New barracks with subsidiary buildings.	...
			3	Reserve with the Government for incomplete Major and Minor Works.	...
				Total ...	...
				Grand Total ...	...

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1890-91.

WORKS.

Outlay.		Grant, 1890-91.			Item No.	Remarks and References.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	4,945		1	G.O., No. 3636 W., dated 21st December 1889.
...	...	...	20,000		2	Estimate forwarded to the Government of India for approval. Item No. 14, class C works, budget of 1889-90.
...	...			24,945		
...	...	5,000	...	5,000		
...	...	5,000	24,945	29,945		
...	...	8,065	24,945	33,010		

Final Issue. 1880

Imperial
Military Works

Madras.

Publications & Reports.

Imperial Depot Establishment

Military

Department

of Madras

for

1870-71.

Signed R. R. E Drake-Brockman
Capt. Secy. to Govt.

Mar. 1872.
Sep.

1260/1261

24/1560

2

Imperial
Military Works

Madras.

Contents.

		Page.
Abstract of the Budget Estimate of Revenue		2
Do Do of Expenditure		2 & 3
Details of the Budget Estimate of Expenditure		
Part I - Detail of Estimate for Original Works,	class A	4 & 5
	class B	6 & 7
Do Do		

Imperial
Military Works

Madras

Revenue

Abstract of the Budget Estimate of Revenue of the Public Works Department from Military Works in Madras from 1st April 1870 to 31st March 1871.

—	Actuals 1888-89	Budget Estimate 1889-90	Revised Estimate 1889-90	Budget Estimate 1890-91.
	Rs	Rs	Rs	Rs
In Public Works Department	"	"	"	3500
In Civil and Military Depts	"	"	"	"
Totals	"	"	"	3500

Charges.

Abstract of the Budget Estimate of Expenditure of the Public Works Department of Military Works in Madras from 1st April 1870 to 31st March 1871.

—		Reference to detailed estimate	Actuals 1888-89	Budget Estimate 1889-90	Revised Estimate 1889-90	Budget Estimate 1890-91
Original Works	In progress		"	"	"	8065
	Not commenced					24945
Repairs	Ordinary		"	"	"	47500
	Special					
Establishment			"	"	"	18690
Tools and Plant			"	"	"	1200
Suspense Account			"	"	"	"
Total			"	"	"	100400

Imperial
Military Works

25/1580

Madras.

Abstract of the Charges to be incurred by the Public Works Department from Imperial funds and Contributions in both India and England.

—	Actuals 1888-89	Budget Estimate 1889-90.	Revised Estimate 1889-90.	Budget Estimate 1890-91. Original Works. In progress	Not commenced	Total	Repairs	Establishment	Tools and Plant	Suspense Account	Total.
Provision from Imperial funds of India	"	"	"	8065	24945	33010	47500	18690	1200	-	100400
To be provided											
In England	"	"	"	"	"	"	"	"	"	"	"
Total	"	"	"	8065	24945	33010	47500	18690	1200	-	100400
Provision from Contributions											
In India	"	"	"	"	"	"	"	"	"	"	"
Grand Total	"	"	"	8065	24945	33010	47500	18690	1200	-	100400

Statement showing the works on which outlay in England above provided for is to be incurred

—	Actuals 1888-89	Budget Estimate 1889-90.	Revised Estimate 1889-90.	Budget Estimate 1890-91. Original Works. In progress	Not commenced	Total	Tools and Plant	Suspense Account	Total.
					Nil				

28/1560

Madras.

Imperial
Military Works.

Part I

Detail of the Budget Estimate for Original Works for the year 1890-91.

Class A. Works.

Heads of Classification	Executive Division	Locality	Item No.	Projects and works.	Amount of Estimate	Outlay		Grant 1890-91.			Item No.	Remarks & References
						Actual to end of 1888-89	Probable during 1889-90	Work in progress	Work not commenced	Total		
				Imperial Ordinary Military Original Works								
Commissariat	West Coast	Calicut	1	Sheds for transport animals at Calicut	11,265	400	3,500	3,065		3,065	1	G.O. No. 3302 dated 17th October 1888.
				Total.	.	.	.	3,065		3,065		

Imperial
Militaary Works.

Madras.

27/1560

Part I — cont.

Works for the year 1890-91.

Detail of the Budget Estimate for Original Works.

Abstract B.

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimate	Outlay to end of 1888-89	Outlay Probable during 1889-90	Grant 1890-91. Works in progress	Grant 1890-91. Works not commenced	Grant 1890-91. Total	Item No.	Remarks & References.
				Imperial Ordinary Military - Original Works								
1. Accommodation for troops - Buildings for the operating troops in the Eastern Coast Peninsula. Permanent	Vizag-apatam	Vizian-agram	1	Razzoffing the military Hospital.	6,220				4,945		1	GO. No. 2636 W dt 21 Dec. 1887.
	West Coast	Calicut	2	New barracks with subsidiary buildings					20,000		2	Estimate is awaited. Item No. 14, class C works budget of 1889-90.
										24,945		
			3	Reserve with the Government for incomplete major and minor works				5,000		5,000		
				Total				5,000	24,945	29,945		
				Grand Total				8,065	24,945	33,010		

Item No. 14 of class C works budget of 1889-90 has been received & is under consideration

Final

~~PRELIMINARY~~ ISSUE.

1260
1261

29
1560

IMPERIAL.
MILITARY WORKS.

MADRAS.

Military ~~and~~ Works and

PUBLIC WORKS DEPARTMENTS.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1890-91.

MADRAS,
~~17th December 1889.~~
April 1890
2nd May 1890

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

30/1560

IMPERIAL.
MILITARY WORKS.

MADRAS.

CONTENTS.

	PAGE
Abstract of the Budget-Estimate of Revenue	2
Ditto ditto of Expenditure	2 & 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
...	8 to 31
Appendix to above—	
Appendix B.—List of Class C Works	8 to 21
Part II.—Detail of Estimate for Repairs	22

IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1890 TO 31st MARCH 1891.

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	27,384	27,000	30,000	30,000
In Civil and Military Departments	...	...	...	...
Total ...	27,384	27,000	30,000	30,000

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FROM 1st APRIL 1890 TO 31st MARCH 1891.

	Reference to Detailed Estimate.	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.
		Rs.	Rs.	Rs.	Rs.
Original Works { In progress / Not commenced }	...	2,02,805	2,53,250	323,767 / 2,93,512	412,700 / 2,84,400 / 131,700
Repairs ... ... { Ordinary / Special }	...	2,99,286	2,95,650	296318 / 2,93,560	3,00,000
Establishment	...	1,07,498	1,27,600	142,333 / 1,35,037	131,300 / 1,35,900
Tools and Plant	...	6,922	8,200	9,160 / 8,685	8,580 / 8,800
Suspense Account	...	...	...	...	...
Total ...	...	6,16,511	6,84,700	771,600 / 7,30,794	704,200 / 7,29,100

IMPERIAL.
MILITARY WORKS.

31/1880

MADRAS.

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

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.								
				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 ...	6,16,511	6,84,700	7,30,794	1,32,780	1,51,670	2,84,400	3,00,000	1,35,900	8,800	...	...	7,29,100
In England.	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	6,16,511	6,84,700	7,30,794	1,32,780	1,51,670	2,84,400	3,00,000	1,35,900	8,800	...	...	7,29,100
Provision from Contributions.												
In India ...	8,522	...	...	...	...	...	...	...	...	...	...	...
Grand Total...	6,25,033	6,84,700	7,30,794	1,32,780	1,51,670	2,84,400	3,00,000	1,35,900	8,800	...	...	7,29,100

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

	Actuals, 1888-89.	Budget-Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget-Estimate, 1890-91.					
				Original Works.			Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.			
				Nil.					

PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1890-91.

CLASS A. WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1888-89.	Outlay. Probable during 1889-90.	Grant, 1890-91. Works in progress.	Grant, 1890-91. Works not commenced.	Grant, 1890-91. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				Military.								
				Original Works.								
1. *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Re-roofing the verandahs of the married range of the European Infantry barracks.	18,307	6,544	4,263	2,500	...		1	G.O., No. 3420 W., dated 15th December 1887.
	Do.	Do. ...	2	Constructing a Mangalore tiled-roof over the existing roof of the Station Hospital.	4,647	...	2,500	2,147	...		2	G.O., No. 1423 W., dated 29th May 1889.
	Chingleput.	Poonamallee ...	3	New barracks	1,66,885	26,624	30,000	50,000	...	54,647	3	G.O., No. 465 W., dated 19th February 1879. Item No. 2, class A works, budget of 1889-90. Revised estimate is awaited.
Buildings for Native troops.	Presidency.	Bangalore ...	4	Public buildings for a regiment of Native Cavalry.	30,583	...	20,000	20,000	...	20,000	4	G.O., No. 1607 W., dated 19th June 1889. Item No. 3, class B works, budget of 1889-90.
Ordnance	Bellary ...	Bellary ...	5	Non-Commissioned officer's quarters, Bellary Arsenal.	35,350	...	9,880	25,470	...	25,470	5	G.O., No. 1650 W., dated 18th June 1887. Item No. 6, class B works, budget of 1890-91.
Commissariat ...	West Coast.	Calicut ...	6	Sheds for transport animals at Calicut.	11,265	400	7,800	3,065	...	3,065	6	G.O., No. 3302 W., dated 17th October 1888.
Fortifications ...	Presidency.	Madras ...	7	Alterations to Rifle ranges at Veyasarpaudy.	6,076	...	6,076	2,449	...	2,449	7	G.O., No. 3150 W., dated 8th October 1888. Item No. 13, class B works, budget of 1889-90. Revised estimate is awaited.
				Total ...	...	...	...	1,05,631	...	1,05,631		

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.
					Rs.
				IMPERIAL ORDINARY.	
				MILITARY.	
				Original Works.	
1. *Accommodation for troops—*	...	...	1	Institutes for British Regiments and Batteries.	...
Buildings for European troops in the plains. Permanent.	West Coast.	Calicut ...	2	New barracks with subsidiary buildings.	...
	Nilgiri ...	Wellington ...	3	Officers' Mess	...
	Do. ...	Do. ...	4	Constructing hut-barracks for 100 men.	...
	Presidency.	Fort St. George.	5	Constructing two rooms and bath-rooms on the second floor of Nos. 4 and 5, Field Officer's quarters, for the use of the offices of the Surgeon-General, Her Majesty's Forces, and of his Secretary.	4,915
Ordnance	Bellary ...	Bellary ...	6	Constructing a building for the Receipt Department at the Bellary Arsenal.	...
	Do. ...	Do. ...	7	Constructing a building for the Issue Department at the Bellary Arsenal.	...
	...	...	8	Reserve with the Government for incomplete Ordnance works.	...
	...	...	9	Minor works under Ordnance ...	...
General Works.	Cantonment ...	...	10	Improvements to the sanitation of the lines of Native troops.	...
	Nilgiri ...	Wellington ...	11	Connecting by means of iron pipes the drinking-water well with the barracks.	4,715
	...	...	12	Reserve with the Government for incomplete major works.	...
	...	...	13	Reserve with the Government for incomplete minor works.	...
	...	...	14	New minor works	...
				Total ...	...
				Grand Total ...	...

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1890-91.

WORKS.

OUTLAY.		GRANT, 1890-91.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	20,000		1	Estimates are awaited.
...	...	...	20,000		2	Estimate is awaited. Item No. 14, class C works, budget of 1889-90.
...	...	...	28,040		3	Estimate is awaited.
...	...	...	20,000		4	Estimate is awaited. Item No. 11, class C works, budget of 1889-90.
...	...	...	4,915	92,955	5	G.O., No. 2236 W., dated 16th August 1889.
...	...	...	4,000		6	Estimate is awaited.
...	...	...	4,000		7	Do.
...	...	4,000	...		8	
...	...	...	6,000	18,000	9	
...	...	...	20,000		10	Estimates are awaited.
...	...	...	4,715		11	G.O., No. 1198 W., dated 6th May 1889.
...	...	...	...	24,715	12	
...	...	13,099	...	13,099	13	
...	...	10,000	...	10,000	14	
...	...	...	20,000	20,000		
...	...	27,099	1,51,670	1,78,769		
...	...	1,32,730	1,51,670	2,84,400		

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THAT YEAR BY RE-APPROPRIATION FROM CLASS B WORKS.

Head of Classification.	Executive Division.	Locality.	No.		Amount of Estimate.	Actual to end of 1888-89.	Probable during 1889-90.	Estimate for 1890-91.	Item No.	Remarks and Reference.
					Rs.	Rs.	Rs.	Rs.		
				ORDINARY						
				Original Works.						
1. *Accommodation for troops*—	Defence			Quarters of the Bandmaster of the n Infantry	7,644	...	...	4,075	1	No. 1441 W., dated 16th May
Barrack accommodation plains. Perma-	Do. ...	Do. ...				...	...	7,644		Rs. 7,644 [illegible] in G.O., No. 2434 W., dated 19th October 1885. Item No. 1, class C works, budget of 1889-90.
	Do. ...	Do. ...	3	New guard-room for the Station Hospital	4,290	...	...	4,290	2	Estimate of Rs. 4,290 was [illegible] in G.O., No. 1384 W., dated May No. 3, [illegible] 9-90.
	Do.					...	...	[illegible]		
	Do.	Do.		Re-roofing with Mangalore		...	...			
	Do.									Do.
	Do.	Do.				...	...			Do.
	Do. ...	[illegible]				...	...			Do.
	Do. ...	Do.				...	...	6,140		[illegible]ate of Rs. 6,140 was [illegible] G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1889-
	Do.	Do.		quarters		...	...	3,0[illegible]		Estimate of Rs. 3,046 was sanctioned in G.O., No. 771 W., dated 7th March 1888. Item No. 5, class C w[illegible] get of 1889-90.
	Do.					...	...	5,000	12	Estimate is awaited.
	[illegible]					...	...	5,500		Do.
	West Coast.	Calicut				...	...	11,244		[illegible]mate of Rs. 11,244 was [illegible]ed in G.O., No. 1893 W., dated 15th July 1889. Item No. 9, class C works, budget of 1889-90.
	Do. ...	Mangalore								
	Ni[illegible] ..	Wellington		Court inq[illegible]						

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				Military—*cont.*	
				Original Works—cont.	
1. *Accommodation for troops*—	Nilgiri ...	Wellington ...	15	Constructing an office-room for the Station Hospital.	...
Buildings for European troops in the plains. Permanent.	Do. ...	Do. ...	16	Constructing a laundry for the Station Hospital.	...
	Do. ...	Do. ...	17	Constructing a block of officers' quarters to accommodate six bachelors of the British Infantry Battalion.	...
	Do. ...	Do. ...	18	Constructing a block of officers' quarters for six bachelors of the Convalescent Depôt.	...
	Do. ...	Do. ...	19	Quarters for an Assistant Apothecary.	...
	Do. ...	Do. ...	20	Quartermaster's stores and office for British Infantry Regiment.	...
	Do. ...	Do. ...	21	A ward to accommodate 35 men, Station Hospital.	...
	Do. ...	Do. ...	22	Quarters for three hospital purveyors.	4,750
	Do. ...	Ootacamund...	23	Quarters for a Sub-Conductor attached to the Army Headquarters.	...
	Do. ...	Do. ...	24	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant-Instructors, Nilgiri Volunteer Rifles.	3,600
	Chingleput.	St. Thomas' Mount.	25	Verandahs round each of the stables of the two field batteries.	...
	Do. ...	Do. ...	26	A Wheeler and Collar-maker's shop for the West barracks.	5,660
	Do. ...	Do. ...	27	Sergeants' mess for East barracks.	5,450
	Do. ...	Do. ...	28	Quarters for three Medical Subordinates attached to the Station Hospital.	...

34/1560

MADRAS.

B—*cont.*

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

Outlay.		Amount applied for 1890-91.			Item No.	Remarks and References.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	3,000		15	Estimate is awaited.
...	...	...	3,000		16	Do.
...	...	...	40,000		17	Do.
...	...	...	40,000		18	Do.
...	...	...	6,000		19	Do.
...	...	...	25,000		20	Estimate is awaited. Item No. 7, class C works, budget of 1889-90.
...	...	...	20,000		21	Estimate is awaited. Item No. 8, class C works, budget of 1889-90.
...	...	...	4,750		22	Estimate of Rs. 4,750 was sanctioned in G.O., No. 615 W., dated 21st February 1888. Item No. 10, class C works, budget of 1889-90.
...	...	...	7,500		23	Estimate is awaited. Item No. 12, class C works, budget of 1889-90.
...	...	...	3,600		24	Estimate of Rs. 3,600 was sanctioned in G.O., No. 1068 W., dated 9th April 1888. Item No. 13, class C works, budget of 1889-90.
...	...	...	6,000		25	Estimate is awaited.
...	...	...	5,660		26	Estimate of Rs. 5,660 was sanctioned in G.O., No. 2717 W., dated 3rd November 1884. Item No. 31, class C works, budget of 1889-90.
...	...	...	5,450		27	Estimate of Rs. 5,450 was sanctioned in G.O., No. 1113 W., dated 14th April 1888. Item No. 32, class C works, budget of 1889-90.
...	...	...	8,000		28	Estimate is awaited. Item No. 33, class C works, budget of 1889-90.

IMPERIAL.
MILITARY WORKS.

35/1560

MADRAS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON CLASS B WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1888-89.	Outlay. Probable during 1889-90.	Amount applied for 1890-91. Works in progress.	Amount applied for 1890-91. Works not commenced.	Amount applied for 1890-91. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...								
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(1.) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Chingleput.	St. Thomas' Mount.	29	Quarters for Head-quarter staff, Royal Artillery.	...	...	...	...	12,000		29	Estimate is awaited. Item No. 34, class C works, budget of 1889-90.
	Do. ...	Do. ...	30	Battery office for P/1st Royal Artillery, East barracks.	3,700	...	...	...	3,700		30	Estimate of Rs. 3,700 was sanctioned in G.O., No. 1552 W., dated 28th May 1888. Item No. 35, class C works, budget of 1889-90.
	Do. ...	Do. ...	31	Raising the roof of harness-room, Troop lines.	4,200	...	...	...	4,200		31	Estimate of Rs. 4,200 was sanctioned in G.O., No. 3137 W., dated 17th December 1881. Item No. 36, class C works, budget of 1889-90.
	Do. ...	Poonamallee.	32	Warrant officers' quarters ...	...	...	...	...	3,500		32	Estimate is awaited. Item No. 27, class C works, budget of 1889-90.
	Do. ...	Do. ...	33	Two Staff Sergeants' quarters, first-class.	...	...	...	...	6,000		33	Estimate is awaited. Item No. 28, class C works, budget of 1889-90.
	Do. ...	Do. ...	34	Coffee-shop	...	...	...	...	9,000		34	Estimate is awaited. Item No. 29, class C works, budget of 1889-90.
	Do. ...	Pallávaram ...	35	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...	...	...	...	3,000		35	Estimate is awaited. Item No. 30, class C works, budget of 1889-90.
	Presidency.	Bangalore ...	36	Constructing a Collar-maker's shop for the Royal Artillery.	...	...	...	...	3,040		36	Estimate is awaited.
	Do. ...	Do. ...	37	Battery office for one field battery.	...	...	...	...	6,000		37	Do.
	Do. ...	Do. ...	38	Store-rooms for one field battery ...	...	...	...	...	5,000		38	Do.
	Do. ...	Do. ...	39	One new barrack for British Cavalry Regiment.	...	...	...	...	32,500		39	Do.
	Do. ...	Do. ...	40	Bowling alley to be converted into a Skittle alley.	...	...	...	...	2,800		40	Do.
	Do. ...	Do. ...	41	Laundry and disinfecting room for South Station Hospital.	...	...	...	...	7,000		41	Do.
	Do. ...	Do. ...	42	Quarters for Farrier Sergeant, Shoeing-smith, Line Orderly, and building for office, Pharmacy, &c., Station Veterinary Hospital.	...	...	...	...	9,230		42	Do.
	Do. ...	Do. ...	43	Brick-making shop, "Queen's Own" Sappers and Miners.	...	...	...	...	6,000		43	Do.
	Do. ...	Do. ...	44	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...	...	...	...	3,000		44	Estimate is awaited. Item No. 15, class C works, budget of 1889-90.
	Do. ...	Do. ...	45	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240	...	...	...	10,240		45	Estimate of Rs. 10,240 was sanctioned in G.O., No. 2384 W., dated 20th September 1886. Item No. 16, class C works, budget of 1889-90.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE

Head of Classification	Executive Division.	Local	Works.	Amount of
			Brought forward	
(1) Accommodation for Buildings for Europeans in the plains.	Presidency.	Bangal		...
				Apothecary.
				Garrison
	Do.			
Buildings for Native	Vizagapat			

B—*cont.*

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

Outlay. Actual to end of 1888-89	Amount applied for 1890-91. Probable during 1889-90	Works in progress.	Works not commenced.	Total.	Item No.	Remarks and References.
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500		46	Estimate is awaited. Item No. 17, class C works, budget of 1889-90.
		...			47	Estimate of Rs. 5,680 was sanctioned in G.O., No. 2906 W., dated 17th September 1888. Item No. 18, class C works,
					48	Estimate of Rs. [illegible] in G.O., No. 3285 W. [illegible]. 20, class C works,
...	...	...	4,773			of Rs. 4,773 was sanctioned in [illegible] No. 938/2 W., dated 5th April 1884. Item No. 21, class C works, [illegible]90.
					50	[illegible]d.
...	...	...				G.O., No. 3151 W., dated 8th October 1888.
...	...	...				
			5,000			is awaited. Item No. 22, class C works, budget of 1889-90.
...	...					
		...	4,500			ted. Item No. 24, class [illegible]et of 1889-90
		...	10,070			Es[illegible] No. 25, class C
...						
		...	15,770		55	Es[illegible]. 26, class C
...	...	...	3,820			Estimate is awaited.
...	...	...				
		...	3,000			
		...	3,480		58	Estimate of Rs. 3,480 was sanctioned in G.O., No. [illegible] W., dated 27th October 1884. [illegible]37, class C works,

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-

CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Particulars and Works.	Amount of Estimate.
				...ARY—*cont.*	
(1) *Accommodation for* Buildings for Native troops.	Bellary			...*l Works*— ...ative	30,000
	Do. ...	Do.		...r a regiment of ...y.	10,070
				...lhouse for Native Infantry	3,0...
	West Coast				
	Palláva...			Madras	4,900
	D...				
O...				...oof rang...	
	Madras				
	D...				
	Do. ...	Do.			
	D...				
	D...				

B—*cont.*

WHICH EXPENDITURE MAY ...URRED DURIN... RE-APPROPRIATION WORKS—*cont.*

Outlay.		Amount applied for 1890-91.			Item.	Remarks and References.
...to end ...ary 1890.	...bable ...ng 1890-91.	Works in progress.	Works not commenced.	Total.		
Rs.	...	...	Rs.	Rs.		
	...	...	10,000			Rs. 30,000 ... ...ry
...	...	...	...			...,070 was sanctioned in ...h January
...			...30			
...	...	...	3,670			...39, da... ...s,
...	...	...	12,3...			...d. Item No. 42, class ...works, budget of 1890-9... ...timate is awaited. Item N...
...	...	...				
	...	...	4,9...			
...	...					
...						
...						
	...			39,830		
				...		

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
Ordnance	Presidency.	Madras ...	74	Re-roofing Ordnance Lines ...	51,598
Commissariat	Bellary ...	Bellary ...	75	Commissariat Conductors' quarters and out-houses.	...
	Do. ...	Do. ...	76	Shelter for transport carts, &c. ...	...
	West Coast.	Malapuram ...	77	Cattle shed for the Commissariat Department.	...
	Do. ...	Do. ...	78	Sheds for 12 bullocks and 10 mules.	2,824
	Nilgiri ...	Wellington ...	79	Quarters for a Milling Engineer, Commissariat Department.	...
	Chingleput.	Guindy ...	80	Quarters for the station butcher attached to the slaughter-house.	3,600
	Do. ...	Saidápet ...	81	Constructing a new road from the Mount Road direct to the slaughter-house.	3,468
	Presidency.	Bangalore ...	82	Two quarters for warrant officers of the Commissariat Department.	...
	Do. ...	Do. ...	83	Quarters for a Conductor, Transport Department.	5,800
	Do. ...	Do. ...	84	Quarters for an Ambulance Sergeant near Cattle lines, Transport Department.	...
	Do. ...	Fort St. George.	85	New iron record shelves for the office of the Examiner, Commissariat Accounts.	7,790
	Do. ...	Madras ...	86	Workshops and sheds for carts and cattles, Transport Department.	...
	Do. ...	Do. ...	87	Quarters for two Staff Sergeants at Pudupet.	...
	Do. ...	Do. ...	88	Quarters for a Conductor, Commissariat Department.	...

38/1580

MADRAS.

B—*cont.*

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

Outlay.		Amount applied for 1890-91.			Item No.	Remarks and References.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	12,350	39,248	...		74	G.O., No. 1514 W., dated 7th June 1889.
...	...	...	3,500		75	Estimate is awaited.
...	...	...	3,600		76	Do.
...	...	...	4,000		77	Estimate is awaited. Item No. 51, class C works, budget of 1889-90.
...	...	...	2,824		78	Estimate of Rs. 2,824 was sanctioned in G.O., No. 1245 W., dated 27th April 1888. Item No. 52, class C works, budget of 1889-90.
...	...	...	7,500		79	Estimate is awaited. Item No. 49, class C works, budget of 1889-90.
...	...	...	3,600		80	Estimate of Rs. 3,600 was sanctioned in G.O., No. 1259 W., dated 30th April 1888. Item No. 54, class C works, budget of 1889-90.
...	...	...	3,468		81	Estimate of Rs. 3,468 was sanctioned in G.O., No. 534 W., dated 16th February 1888. Item No. 55, class C works, budget of 1889-90.
...	...	...	11,000		82	Estimate is awaited.
...	...	...	5,800		83	Estimate of Rs. 5,800 was sanctioned in G.O., No. 992 W., dated 16th April 1886. Item No. 61, class C works, budget of 1889-90.
...	...	...	3,000		84	Estimate is awaited. Item No. 62, class C works, budget of 1889-90.
...	...	...	7,790		85	Estimate of Rs. 7,790 was sanctioned in G.O., No. 2636 W., dated 21st September 1889.
...	...	...	20,000		86	Estimate is awaited. Item No. 56, class C works, budget of 1889-90.
...	...	...	3,500		87	Estimate is awaited. Item No. 58, class C works, budget of 1889-90.
...	...	...	4,000		88	Estimate is awaited. Item No. 59, class C works, budget of 1889-90.

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
Commissariat ...	Presidency.	Madras ...	89	Constructing a wheat godown at Tegnampet.	...
	Do. ...	Do. ...	90	Constructing sheds for mules at the Transport lines, Pudupet.	...
General Cantonment Works.	Chingleput.	Saint Thomas' Mount.	91	General improvements to the drains of the cantonment.	...
	Presidency.	Bangalore ...	92	Drainage of Royal Horse Artillery, Grass-cutters' lines at Ulsoor, and preventing the fouling of the adjacent nullah.	2,846
	Do. ...	Do. ...	93	Drainage, British Infantry Barracks.	8,112
	Do. ...	Do. ...	94	Constructing box-drains, east and west of parade barracks.	...
	Do. ...	Fort St. George.	95	Remodelling the drainage	...
	Do. ...	Madras ...	96	Flushing drains of Native Infantry lines at Rayapuram.	4,300
Fortifications	West Coast.	Malapuram ...	97	Constructing a fortified post ...	8,248
	North Arcot.	Vellore ...	98	Draw-bridge and gate for the fort.	6,500
	Presidency.	Fort St. George.	99	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	100	Constructing a draw-bridge at the north gate.	4,487
	Do. ...	Do. ...	101	Demolition of out-houses, clearance of ditch, and completion of walls.	...
Staff and Miscellaneous.	Nilgiri ...	Ootacamund...	102	Constructing a latrine for the boys at the Lawrence Asylum.	3,000

B—*cont.*

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

OUTLAY.		AMOUNT APPLIED FOR 1890-91.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1888-89.	Probable during 1889-90.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,950	...	89	Estimate is awaited. Item No. 60, class C works, budget of 1889-90.
...	...	...	11,210	...	90	Estimate is awaited.
...	...	...	10,000	...	91	Estimate is awaited. Item No. 70, class C works, budget of 1889-90.
...	...	...	2,846	...	92	Estimate of Rs. 2,846 was sanctioned in G.O., No. 1261 W., dated 1st May 1888. Item No. 66, class C works, budget of 1889-90.
...	...	...	8,112	...	93	Estimate of Rs. 8,112 was sanctioned in G.O., No. 2615 W., dated 24th August 1888. Item No. 67, class C works, budget of 1889-90.
...	...	...	4,184	...	94	Estimate is awaited.
...	...	...	10,000	...	95	Estimate is awaited. Item No. 68, class C works, budget of 1889-90.
...	...	...	4,300	...	96	Estimate of Rs. 4,300 was sanctioned in G.O., No. 1397 W., dated 4th June 1884. Item No. 69, class C works, budget of 1889-90.
...	...	...	8,248	...	97	Estimate of Rs. 8,248 was sanctioned in G.O., No. 3114 W., dated 18th November 1887. Item No. 71, class C works, budget of 1889-90.
...	...	...	6,500	...	98	Estimate of Rs. 6,500 was sanctioned in G.O., No. 1963 W., dated 20th July 1889. Item No. 72, class C works, budget of 1889-90.
...	...	...	7,426	...	99	Estimate is awaited. Item No. 73, class C works, budget of 1889-90.
...	...	...	4,487	...	100	Estimate of Rs. 4,487 was sanctioned in G.O., No. 2447 W., dated 13th August 1888. Item No. 74, class C works, budget of 1889-90.
...	...	...	10,000	...	101	Estimate is awaited. Item No. 75, class C works, budget of 1889-90.
...	...	...	3,000	...	102	Estimate of Rs. 3,000 was sanctioned in G.O., No. 2139 W., dated 14th July 1888. Item No. 64, class C works, budget of 1889-90.

IMPERIAL.
MILITARY WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

PART II.

DETAIL OF THE BUDGET-ESTIMATE OF REPAIR WORKS IN MADRAS

MILITARY

HEAD OF CLASSIFICATION	EXECUTIVE DIVISION.		Amount
			Rs.
Gan		BUILDING	
		Annual repairs.	
		Do.	
ern			
~~Bellary~~			
Cuddapah			
Kurn			
Nilgi			
C			
W			
~~Presidency~~			
Poly.			800
			420

2,95,650

Accounts.
Budget Estimate

that the ab

GOVERNMENT O

MILITARY DEPARTMENT.

from the Proc
partment,—(No. 815-M-W, lary De-
m, the 25th March 1

Orders on the Military Works

Military Department l 2265-M-W
Proceedings of the Gov ras, Nos W December
1889.
Telegram

XXXI.—I.

RESOLUTION.—The venue for the cu
and years, respectiv
table :—

	vised	Budget
		Rs.
Public Works Department		27,000

nt of the existing grant. The probable lapse of Rs.
ent of
Goverr
taken n which the

3. *Budget estimate, 1890-91.*—The estima been fran
7,29,100, of which Rs. 6,75,000 represent
Military Department resolution No. 2265-M-W
and the balance, the pr

receipt

4. The following remarks in connection with the budget estimate of the ensuing year should receive attention when the final issue is under preparation :—

I.—*Item iii of the class B works—Officers' mess at Wellington.*—The amount proposed, Rs. 28,040, seems large for the purpose. No expenditure should be incurred till the design is approved by the Government of India.

II.—The above observation and request are also applicable to items II and IV—new barracks at Calicut, and hut barracks for 100 men at Wellington, respectively.

5. The desirability of constructing officers' quarters at Wellington is recognised, but the necessary funds must be provided from the grant now given. The Government of India are accordingly prepared to receive a proposal for re-appropriation. They would wish to receive and approve of the designs before any expenditure is incurred.

6. The details of the estimates of expenditure passed by the Government of India are exhibited in the following table :—

	Actuals, 1888-89.	Budget estimate, 1889-90	Revised estimate, 1889-90.	Budget estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
Original Works { In progress / Not commenced ...	2,02,805	2,53,250	2,93,500	1,12,700 / 1,51,700
Repairs	2,99,286	2,95,650	2,93,600	3,00,000
Total Works and Repairs ...	5,02,091	5,48,900	5,87,100	5,64,400
Establishment	1,07,498	1,27,600	1,35,000	1,31,300
Tools and Plant	6,922	8,200	8,700	8,500
Net modification made since submission of the estimate (to be distributed over departmental heads in final issue)	.....	.....	40,800	.....
Grand Total ...	6,16,511	6,84,700	7,71,600	7,04,200

7. The grant for the ensuing year passed in the foregoing table, is, in the first instance, placed at the disposal of the Inspector-General of Military Works.

8. A statement in budget form should be submitted by the Government of Madras so as to reach the Government of India by the 1st May 1890, or earlier, showing all charges that will have to be incurred in Public Works Divisions on account of military works, *i.e.*, charges on works other than those transferred to the Inspector-General (*vide* paragraph 5 of Army Circular, special, dated the 28th October 1889). In passing orders on this schedule, the Government of India will place a portion of the grant in the foregoing table at the disposal of the Government of Madras.

9. During the months of April and May, all expenditure on military works in progress and urgent repairs, in Public Works Divisions, also on account of the salaries and allowances of Barrack and other Military Works establishments in such divisions, will be incurred provisionally, without any specific budget allotment being made to the controlling authority. The Examiner of Public Works Accounts, Madras, is hereby authorised to issue letters of credit for such outlay. This expenditure will be treated as irregular for want of appropriation until funds are formally provided.

41/1560 20

10. As the preliminary issue of the budget estimate was prepared locally, the Government of India request that the final issue may be similarly compiled.

ORDER.—Ordered, that the foregoing be communicated to the Government of Madras in the Public Works Department, for information and guidance, with the request that 45 copies of the estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1890.

Ordered also, that a copy be forwarded to the Inspector-General of Military Works, for information and guidance, and to the Accountant-General, Public Works Department, for information.

(True extract.)

S. Grant Major RE.
for Secretary to the Government of India.

To,
The Secretary to the Govt of Madras
Public Works Department.

With 30 spare copies

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

issue of the budget amounted to Rs 7,30,794 but the additional allotments since sanctioned by the Government of India increased the estimate to Rs 7,71,602. It was however found impossible that this grant could not be fully utilised and a sum of Rs 32,270 was therefore surrendered out of it. This lapse though accepted by the Government of India and made available for utilisation elsewhere was not taken into the revised estimate which was passed by that Govt for Rs 7,71,600. This sum has been adopted in the final budget by reducing the

43/1560

the grant for Tools and Plant by Rs 2. The Examiner of P. W. Accounts will explain the cause of lapse in the revised estimate in his Finance Account for the year.

3. The budget estimate of charges for 1890-91 as shown in the preliminary budget amounted to Rs 7,29,100, but the Govt of India having disallowed the grant provided for the construction of public buildings for the Native Cavalry regiment at Bangalore, and having passed the estimate for Rs 7,04,200, that sum has been adopted in the final issue of the budget.

4. The attention

engineer.

list

to pass.

India

5. Inspector

the bar

144

/156

Then [illegible]

for the reappointment

of the [illegible]

[illegible]

of Wellington will be

considered in the Military

Works Department

7. A statement

in his report [illegible] to be

[illegible]

in Public

divisions in

Library Wor

[illegible] under

[illegible] budget

[illegible]

80

[illegible]

8. [illegible]

the

be

to [illegible]

ended, and

will issue letter

[illegible]

be incurred in the Public works divisions on account of military works pending receipt of the orders of the Govt of India placing the necessary grants at the disposal of this Government.

9. The grant provided in the preliminary budget for Constructing two rooms and bathrooms on the second floor of No. 4 and 5 Field officer's quarters, Fort Saint George, has been withdrawn and allotted for

Reroofing the Military hospital at Vizianagram with reference to Govt No 449 W, dated 11th Feby 1870.

10. A sum of Rs 8040 has been allotted

45/1520 - 7.00

allotted for the rest-house and site for the rest camp at Guntakal by transfer from the grant provided in the preliminary budget for the officers mess at Wellington vide Govt No 626 W, dated 31st March 1870.

11. No reply having been received from the Govt of India to Proceedings of this Govt No 917 W, dated 21st March 1870, forwarded with endorsement No 918 W of the same date, no distribution has been made of the lumpsum of Rs 20,000 provided in the budget for the sanitation of the lines of Native troops. On receipt of orders from the Govt of India, the

Inspector