(1) Number of pages 38

(2) Date of repair – 1 – 88

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. ~~B.P. No.~~ 1618 W Press. ~~Mis.~~

Dated 25-6. 1886. ~~198~~ .

Not to be folded or roughly handled.

1/1618

25th June 1886, No. 1618 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from Colonel E. FAUNCE, Officiating Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 16th June 1886, No. 2147 A :—

With reference to proceedings of Madras Government, No. 3502, of 11th instant, I am desired to state that His Excellency the Commander-in-Chief has no objection to the sum of Rs. 2,420, which has been allotted by the Government of India for alterations of barracks at Kamptee to provide additional accommodation on account of augmented strength of British troops, being deducted from item No. 4, class B works, in the final issue of the Madras military works budget for 1886-87, for which a sum of Rs. 20,160 has been granted.

No. 3633, Military.

Transferred to the Public Works Department, in reply to G.O., No. 1348 W., dated 29th May 1886.

(By Order.)

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
17th June 1886. Secretary to Government.

Order—dated 25th June 1886, No. 1618 W., Public Works.

Communicated to the Superintending Engineer, V Circle, and the Examiner of Public Works Accounts, with reference to paragraph 2 of G.O., No. 1348 W., dated 29th May 1886.

2. The grant for item No. 4, class B works, in the final issue of the military works budget for 1886-87, [illegible] will be reduced by Rs. 2,420.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, V Circle.
„ Examiner, Public Works Accounts.
„ Military Department.

Ed. D. Fernandes
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated June, 25th.

Recd. *Encl.*

G.O., 25th June 1886, No. 1613 W.

JUNE.

Military Works Grant, 1886-87

A reduction of the grant for one of the items in the budget estimate ordered, so as to make the transfer ordered by the Government of India, of Rs. 3,000, to the Central Provinces, from the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

Resolution of the Government of India, Military Department (Accounts—Budget), dated Fort William, 24th March 1886, No. 445 M.W.

MADRAS.

Orders on the Military Works Budget Estimate for 1886-87 and Revised Estimate for 1885-86.

Read—

Military Department Resolution, No. 1208 M.W., dated 27th October 1885.
Letter, No. 3093 W., dated 30th December 1885, from the Government of Madras.
Military Department telegram, No. 218 M.W., dated 18th February 1886.
Telegram, dated 19th February 1886, from Government of Madras.

Resolution—

The estimates of revenue are accepted for the sums entered in the following table :—

REVENUE.

—	Budget estimate, 1886-87.	Revised estimate, 1885-86.	Budget estimate, 1885-86.	Actuals, 1884-85.
	RS.	RS.	RS.	RS.
In Public Works Department	30,000	29,500	29,500	33,586

EXPENDITURE.

2. *Budget estimate,* 1886-87.—The estimate has been framed for the total provisional grant of Rs. 6,50,000 sanctioned in Military Department resolution, No. 1208 M.W., of the 27th October last. It is represented that the grant for minor works and repairs is insufficient to meet the requirements under these heads, and that a further grant of Rs. 1,94,000 * is necessary for this purpose. The Government of India are, however, not prepared to increase the grant already assigned, and desire that the distribution of the allotments for original works may be reconsidered with regard to the number of troops likely to be retained in Upper Burma. The amount of such reductions as may be decided upon may be applied to minor works and repairs subject to a total limit of Rs. 27,000 for minor works and Rs. 3,25,000 for repairs.

	RS.
* Repairs	78,432
Minor works	78,000
	1,56,432
Establishment and tools and plant at 24 per cent.	37,544
	1,93,976
Or in round figures ...	1,94,000

3. The details of the estimate for original works are provisionally accepted subject to the following remarks:—

i.—*Class A Works.*—The allotments for items 1 to 7 are passed subject to the reconsideration referred to in paragraph 2. The grant for item 9, fortified post at Agram, is also passed provisionally, pending receipt of a report as to the nature of the further work to be carried out. It was understood that the work had been completed last year.

ii.—*Class B Works.*—None of the works in this list appear to the Government of India to be of much urgency: they might be postponed to the extent necessary to provide for increased allotments under the head minor works and repairs.

iii.—It is noticed that provision to the extent of Rs. 40,000 is proposed for alterations to the offices of the Accountant-General and Controller of Military Accounts to make the building suitable for the accommodation of troops. This expenditure would have been necessary had another building for the accommodation of the Military Account offices been acquired. But the scheme for the location of these offices in the building known as "The Mansion" has fallen through, and with it the need for the alterations. The proposed allotment of Rs. 49,600* for alterations to the offices in the fort is accordingly withdrawn.

iv.—*Item 9 (B), Constructing a new magazine in the Wallajah berm, Rs. 20,000.*—The grant is passed provisionally, pending sanction of the Government of India to the commencement of the work; but the necessity of the work must first be fully explained and the estimate duly sanctioned.

v.—*Accommodation for additional troops.*—A special grant of Rs. 44,000 (including establishment and tools and plant charges) is hereby sanctioned to provide for additional accommodation owing to increased strength of British troops.

4. The modifications ordered in clauses iii and v of the foregoing paragraph result in a net reduction of the provisional grant of Rs. 6,50,000 by Rs. 5,600. The final issue of the budget estimate for 1886-87 should therefore be prepared for a total expenditure of Rs. 6,44,400.

5. *Revised Estimate for 1885-86.*—The estimate is passed for the full amount of the existing grant, Rs. 4,67,000.

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

—		Budget estimate, 1886-87.	Revised estimate, 1885-86.	Current estimate, 1885-86.	Actuals, 1884-85.
		RS.	RS.	RS.	RS.
Original Works	In progress	91,600	2,04,600	2,29,846	2,09,381
	Not commenced	1,01,000			
Repairs		3,26,000	1,71,300	2,94,549	2,83,366
Total, Works and Repairs ...		5,18,500	3,75,900	5,24,195	4,92,787
Establishment		1,20,700	87,400	1,20,564	1,14,845
Tools and Plant		5,200	3,700	5,242	4,935
Grand Total ...		6,44,400	4,67,000	6,50,000	6,12,007
Deduct—Expenditure in England		...	...	...	250
Net Indian outlay ...		6,44,400	4,67,000	6,50,000	6,11,757

---

* Including establishment and tools and plant charges.

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7. It is observed that the estimates for the four class A works named in the margin have been revised without reference to the Government of India. It is of course within the competency of the Government of Madras to revise estimates within authorised limits, but in the case of military works it appears desirable that the Government of India should be informed of the causes which have led to the sanction of enhanced estimates.

	Amount of Estimate. Budget, 1885-86.	Amount of Estimate. Budget, 1886-87.
	RS.	RS.
Item 1.—Barrack for British Infantry, Malapuram ..	1,31,610	1,35,094
„ 3.—Royal Artillery barracks, St. Thomas' Mount.	1,35,050	1,46,910
„ 4.— Do. stables do. ..	20,160	21,702
„ 9.—Fortified post, Agram	34,280	38,790

8. The authority herewith given to incur expenditure within the limits of the grants shown in the table in paragraph 6 is subject to the condition of a strict observance of the rules in force with regard to the financial regularity of departmental work.

Order—

Ordered that the foregoing be communicated to the Government of Madras, 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 1886.

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

From Colonel E. FAUNCE, Officiating Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 16th April 1886, No. 1540 A—Through the Secretary to Government, Military Department.

In reply to your letter, No. 1395C, of 6th instant, forwarding copy of resolution (*a*) of the Government of India on the military works budget of this presidency for the current year, I am desired to state as follows as regards the several points on which you request information.

(*a*) No. 445 M.W., of 24th March 1886.

1. The Commander-in-Chief regrets that he finds himself unable to recommend any modification of allotments for items 1 to 7, class A works, with reference to the number of troops likely to be retained in Upper Burma, the whole of them being works of special urgency; but, if Government consider it absolutely necessary to make a reduction in the allotment for original works, His Excellency, in deference to such opinion, would, though most reluctant to do so, suggest that expenditure be deferred on items * 2 and 5 only of that list. It may be observed here that, as under present conditions there is no probability of a third regiment of Madras Infantry being located at Trichinopoly, His Excellency has recently submitted† to the Government, in the Military Department, a proposal to appropriate from the grant of Rs. 18,000 made for buildings for two regiments, Madras Infantry, at that station (item No. 6) a sum of

	Grant.
	RS.
* 2. Fort St. George: Converting a racquet court into a covered gymnasium	9,890
5. Bangalore: Public buildings for a regiment of Madras Cavalry ...	14,000

† Quartermaster-General's letter, No. 1420 A, of 7th April 1886.

Rs. 9,000 towards the execution of certain repairs necessary to the Commissariat granary buildings on the beach at Madras to render them suitable as store-rooms for the accommodation of stores to be removed from the casemates in Fort St. George, which it is contemplated‡ to hand over to the Ordnance Department. The remainder of the grant (viz., Rs. 9,000), His Excellency proposes should be spent on the erection of a magazine at Trichinopoly for the one regiment, Madras Infantry, now placed on the new site, the only outlay actually requisite in the current year for buildings for that regiment, and on the construction of stone drains urgently required for the new lines there, regarding which Government will be addressed separately. Estimates for these works have not as yet been received, but, roughly, they may be expected to cost, the former about Rs. 2,000, and the latter about Rs. 7,000.

‡ Paragraph 8 of Quartermaster-General's letter, No. 345 A, of 28th January 1886, to Secretary to Government, Military Department.

II. The further works requisite on the Agram fortified post are those below noted as already sanctioned—

(a) A guard-room and fire-engine shed at Rs. 1,490, sanctioned in proceedings of Government, No. 3059 W., of 18th December 1885 (Military Department No. 48 of 5th January 1886).

(b) A latrine at Rs. 390, sanctioned in proceedings of Government, No. 250 W., of 28th January 1886 (Military Department No. 827 of 8th February 1886).

These works represent an aggregate cost of Rs. 1,880, so that the grant for this year would be reduced from Rs. 5,000 (the amount fixed when the probable maintenance of an Ordnance depôt was contemplated) to Rs. 1,880, the saving of Rs. 3,120 passing to the grant for minor works. It may be here noted that the decision not to maintain an Ordnance depôt in the fortified post does not do away with the necessity for the works above mentioned, which will still be requisite for the guard, &c., to be kept in the post for the magazines and armament.

III. His Excellency is of opinion that all the works entered in class B of the preliminary issue of the budget are of real urgency, and cannot, therefore, well be postponed, but in view of the present financial pressure, His Excellency will be prepared to relinquish this year the grant (item No. 12) for constructing a drawbridge and gate for the Vellore fort (Rs. 6,450) in order to provide for increased allotments under minor works and repairs.

IV. The necessity for a new magazine in the Wallajah berm, in Fort St. George, is as follows and has already been explained to Government, in the Military Department, in letter, No. 345 A., of 28th January 1886, from this office.

(a) The existing magazines in Fort St. George are not considered safe and serviceable for the accommodation of the powder, &c., required for the fort armament.

(b) The Ordnance Department requires more accommodation than the magazine at the Mount alone provides for powder, &c., which of necessity is maintained at Madras and near it.

V. The only new additional buildings required in connection with the augmented strength of British troops in this presidency are stables* for 66 extra horses, British Cavalry, at Bangalore, estimated to cost Rs. 6,000, at Rs. 87 (say 90) per horse. Besides these new buildings, alterations to the British Cavalry Barracks* at Bangalore to provide for the extra men to cost approximately Rs. 1,000 and alterations and additions to blocks of married quarters and to the building late in occupation by the Adjutant-General, and now occupied by the offices of the Surgeon-General, Her Majesty's Forces, &c., in Fort St. George, rendered necessary by the withdrawal of the scheme for locating the Account offices outside the fort, are imperative to provide accommodation for troops. The cost of these latter alterations, &c., cannot here be stated as estimates for them have not yet been received, nor of the improvements emergently required to the old barracks at St. Thomas' Mount which are now occupied by the 1/4th Brigade, Royal Artillery, and detachment, 2nd Battalion, South Wales Borderers. His Excellency would therefore suggest that, in the final issue of the budget, the grant† of Rs. 44,000 for providing additional accommodation for British troops be distributed somewhat in the following manner:—

* Proceedings of Government, Military Department, No. 183, of 8th January 1886.

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† Paragraph 3, clause 5, Government of India resolution above quoted.

	RS.
Bangalore.	
British Cavalry Barracks and Stables	8,000
Fort St. George and St. Thomas' Mount.	
Sundry alterations and improvements as above noted	36,000
Total ...	44,000

No. 2427, Military.

Forwarded.

Ootacamund,
19th April 1886.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Secretary to Government.

Order—dated 29th April 1886, No. 1084 W., Public Works.

The allotments for original works under classes A and B have, in communication with His Excellency the Commander-in-Chief, been revised as desired by the Government of India; and the final issue of the Imperial military works' budget estimate for 1886-87 has been prepared, as shown below, for the reduced grant of Rs. 6,44,400 sanctioned by the Government of India in their resolution read at the head of these proceedings:—

		RS.
Original works ...	In progress	58,996
	Not commenced	1,49,039
		2,08,035
Repairs		3,10,465
Establishment		1,20,700
Tools and plant		5,200
	Total ...	6,44,400

2. The provision for minor works has been increased to Rs. 27,000, the limit fixed by the Government of India; and that for repairs to the extent* of the available grant after distribution to Original Works, Establishment, and Tools and Plant.

* Rs. 3,10,465.

3. The further works to be carried out in connection with the fortified post at Agram are detailed in paragraph 2 of the Quartermaster-General's letter, No. 1540 A., dated 16th April 1886, recorded above; and in the opinion of His Excellency the Commander-in-Chief they are necessary. As the cost of these works amounts to Rs. 1,880 only, the provision made for the project in the preliminary budget has been reduced to the extent actually required.

4. The necessity for constructing a new magazine in the Wallajah berm, Fort St. George, has already been fully explained in Military Department letter, No. 1078, dated 18th February 1886; and the Government of India will now be requested to authorise the commencement of the work so soon as plans and estimates have been sanctioned. Steps should be taken for the early submission of the plans and estimates, which the Superintending Engineer, V Circle, reported would be ready in April 1886.

5. Provision to the extent fixed by the Government of India has been made for the additional buildings required in connection with the increased strength of British troops detailed in paragraph 5 of the Quartermaster-General's letter† recorded above. Estimates for the works should be submitted with the least possible delay.

† No. 1540 A., dated 16th April 1886.

6. The Government of India will be addressed with respect to the remarks in paragraph 7 of their resolution.

7. The sum of Rs. 9,000, required for the Commissariat granary buildings on the beach at Madras, will be allotted as an addition to the repair grant to the Presidency division for 1886-87 in the orders on the statement of demands on account of incomplete and minor works and repairs.

8. Provision has been made in the budget for the marginally-noted works which His Excellency the Commander-in-Chief considers urgent. The necessary estimates should be submitted without delay.

Erection of a magazine at Trichinopoly of one regiment of Madras Infantry.
Construction of stone drains required for the new lines at Trichinopoly.

9. The revised estimates for 1885-86 against "Original Works and Repairs," as shown in the preliminary issue, have been altered to Rs. 1,89,204 and Rs. 1,72,995 respectively, with reference to the transfers of funds since approved* by the Government of India, and to the transfer of Rs. 1,700 from repairs to original works, sanctioned in proceedings of the Madras Government, No. 152 W., dated 18th January 1886. In the absence of information requested in the telegrams noted in the margin, as to the cause of increase in the revised estimate as fixed by the Government of India, the amount shown in the preliminary issue has been retained.

* No. 99 W., dated 11th Jan. 1886.
" 679 W., " 13th Mar. "
" 764 W., " 22nd Mar. "

Telegram, dated 2nd April 1886.
" " 22nd " "

10. With these remarks, the final issue of the Imperial military works budget estimate for 1886-87 will be printed and circulated for the information and guidance of the officers of the department; copies, as noted in the margin, being forwarded to the Government of India.

To Simla	...	...	...	20
" Calcutta	...	...	...	25
				45

(Here enter No. 1085 W., dated, 29th April 1886.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts
" Military Department.
" Financial "

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated April, 21st.

Recd. *Encl.*

G.O., 29th April 1886, No. 1084 W.

APRIL.

Budget Estimate

Imperial military works — for 1886-87.—
Orders circulating the final issue of the —.

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29th May 1886, No. 1348 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following paper :—

From Colonel O. R. NEWMARCH, Officiating Secretary to the Government of India, Military Department, to the Chief Commissioner, Central Provinces, dated Simla, 12th May 1886, No. 693 M.W. (Accommodation for Troops).

I am directed to acknowledge the receipt of your Secretary's letter, No. 2528, dated 16th April 1886, forwarding plans* and an estimate,* amounting to Rs. 1,928, for certain alterations to the Kampti barracks, so as to give increased accommodation, and inquiring what orders the Government of India have given on the subject of increasing the accommodation for British troops.

* Plans and estimate returned.

2. In reply, I am to state that it has been decided that the strength of all British Cavalry regiments shall be increased by one squadron, and of all British Infantry battalions by 100 men. Accordingly the barrack accommodation for British Infantry at Kampti and Sitabaldi should be enlarged to provide for this increase and the proposed alterations may be carried out if they are approved by the local Chief Engineer.

3. I am to ask that you will submit, at an early date, proposals for providing the additional accommodation which will be still wanting after these alterations are made.

4. A sum of Rs. 3,000 for alterations of barracks at Kampti, to provide additional accommodation on account of increase of British troops, was by oversight included in the special grant for this service made to Madras. This will be transferred to the Central Provinces. It will not be available for any other than the special purpose for which it is allotted.

Copy of the above forwarded to the Secretary to the Government of Madras, Military Department, for the information of His Excellency the Governor in Council.

2. The sum of Rs. 3,000 for Kampti barracks included in the Rs. 44,000 sanctioned in this department letter, No. 445 M.W., dated 24th March 1886, for the provision of accommodation for additional troops in the Madras Presidency, is transferred to the Central Provinces.

(By Order.)

(Signed) J. E. BROADBENT, Capt., R.E.,
Asst. Secy. to the Government of India.

No. 3123, Military.
Transferred to the Public Works Department.

(By Order.)

Ootacamund,
22nd May 1886.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Secretary to Government.

ORDER—dated 29th May 1886, No. 1348 W., Public Works.

The sum of Rs. 3,000 transferred to the Central Provinces includes percentage charges for establishment and tools and plant, and will therefore be distributed as shown in the margin.

	RS.
Works	2,420
Establishment	556
Tools and plant	24
Total ...	3,000

2. His Excellency the Commander-in-Chief will be asked whether the sum of Rs. 2,420 may be deducted from item No. 4, Class B works, in the final issue of the Military Works budget for 1886-87, for which a sum of Rs. 20,160 has been granted.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner, Public Works Accounts.
,, Military Department.
,, Superintending Engineer, V Circle.

Exd. P. L. Pereira.
Spare Copies

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BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of 1886 Madras.
PUBLIC WORKS.

Dated May, 29th.

Fwd. *Encl.*

G.O., 29th May 1886, No. 1348 W.

MAY.

Military Works Grant, 1886-87

Orders of the Government of India for transfer of Rs. 3,000 to the Central Provinces from the —, referred for the opinion of His Excellency the Commander-in-Chief as to the work from the grant for which the amount can be withdrawn.

FINAL ISSUE.

8/1618

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE
OF
MILITARY WORKS
OF THE
GOVERNMENT OF MADRAS
FOR THE YEAR
1886-87.

Chepák,
29th April 1886.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Government, P.W.D.

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Ditto ditto Class B ... ... 6 & 7

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REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT MILITARY WORKS OF MADRAS FROM 1st APRIL 1886 TO 31st MARCH 1887.

—	Budget-Estimate, 1886-87.	Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	30,000	29,500	29,500	33,58
In Civil and Military Departments	...	...		...
Total ...	30,000	29,500	29,500	33,586

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT MILITARY WORKS OF MADRAS FOR THE YEAR FROM 1st APRIL 1886 TO 31st MARCH 1887.

—		Reference to Detailed Estimate.	Budget-Estimate, 1886-87.	Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
			Rs.	Rs.	Rs.	Rs.
Original Works	In progress ...	...	58,996	1,89,261	2,29,646	2,09,361
	Not commenced	...	1,49,039			
Repairs	Ordinary ...	...	3,10,465	1,72,995	2,94,549	2,83,36
	Special ...		...			
Establishment		...	1,20,700	84,205	1,20,563	1,14,3
Tools and Plant		...	5,200	3,596	5,242	4,0
Suspense Account		...	...	...	...	...
Total ...		...	6,44,400	4,50,000	6,50,000	6,12,007

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

—	BUDGET-ESTIMATE, 1886-87.									Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
	Original Works.			Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.			
	In progress.	Not commenced.	Total.									
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	58,996	1,49,039	2,08,035	3,10,465	1,20,700	5,200	...	...	6,44,400	4,50,000	6,50,000	6,12,007
In England.	...	...	...	...	...	...	...	...	...	...	...	250
Total ...	58,996	1,49,039	2,08,035	3,10,465	1,20,700	5,200	...	...	6,44,400	4,50,000	6,50,000	6,12,257
Provision from Contributions.												
In India ...	...	...	...	...	...	...	...	...	...	...	...	761
Grand Total.	58,996	1,49,039	2,08,035	3,10,465	1,20,700	5,200	...	...	6,44,400	4,50,000	6,50,000	6,13,018

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

—	BUDGET-ESTIMATE, 1886-87.						Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
	Original Works.			Tools and Plant.	Suspense Account.	Total.			
	In progress.	Not commenced.	Total.						
	...	...	...	...	...	...	...	...	250
Total ...	...	...	...	...	...	...	...	...	250

PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1886-87.

CLASS A WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Grant, 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY. Military. *Original Works.*								
(1) *Accommodation for troops*— Buildings for European troops in the plains. B[illegible]	West Coast.	Malapuram ...	1	Constructing a barracks for a detachment of British Infantry to accommodate 100 men.	1,35,094	83,531	31,448	20,115	...		1	G.O., No. 2849 W., dated 27th November 1885. Item No. 5, class A works, budget of 1885-86.
	Chingleput.	St. Thomas' Mount.	2	New barracks for Royal Artillery...	1,46,910	97,379	22,158	27,073	...		2	G.O., No. 1274 W., dated 2nd June 1885. Item No. 1, class A works, budget of 1885-86.
	Do. ...	Do. ...	3	Constructing six blocks of stables for two field batteries of Royal Artillery.	21,702	10,000	10,763	939	...	48,127	3	G.O., No. 2561 W., dated 2nd September 1885. Item No. 4, class B works, budget of 1885-86.
(2) *Ordnance Works* ...	Presidency.	Fort St. George.	4	Armament of Fort St. George ...	42,035	8,036	29,935	2,964	...	2,964	4	G.O., No. 2970 W., dated 13th October 1885. Item No. 4, class A works, budget of 1885-86.
(4) *Fortifications* ...	Do. ...	Madras ...	5	Alterations to the Coast Batteries.	14,265	...	6,266	6,025	...		5	G.O., No. 2126 W., dated 11th September 1885.
	Do. ...	Bangalore ...	6	Fortified post at Agram	39,180	34,467	3,020	1,880	...	7,905	6	G.Os., Nos. 3059 W., dated 18th December 1885 and 250 W., dated 29th January 1886.
				Total ...	...	...	...	58,996	...	58,996		

12/1618

PART I—*cont*

DETAIL OF THE BUI -ESTIMATE FO ORIGINAL WORKS FOR THE YEAR 1886-87.

CLASS WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Grant, 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINA								
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Reconstructing double apothecaries' quarters, station hospital.	6,222	...	...	...	6,222		1	G.O., No. 1306 W., dated 3rd August 1885.
	Nilgiri ...	Wellington ...	2	Hospital accommodation for women and children.	3,036	...	...	...	3,036		2	G.O., No. 1573 W., dated 6th July 1885, Item No. 15, class C works, budget of 1885-86.
	Presidency ...	Fort St. George.	3	Improving water-supply	6,445	...	...	...	6,445		3	G.O., No. 2454 W., dated 20th October 1885.
	Do. ...	Do. ...	4	Alterations and additions to blocks of married quarters and to the buildings occupied by the offices of the Surgeon-General, &c.	...	...	...		20,160		4	Estimate is awaited.
	Do. ...	Bangalore ...	5	Stables for 66 extra horses, British Cavalry.	...	...	...	...	5,242		5	Do. do.
	Do. ...	Do. ...	6	Alterations to the British Cavalry Barracks.	...	...	...	...	1,210		6	Do. do.
	Do. ...	Bangalore ...	7	Additions to the Military prison ...	8,325	...	...	...	8,325		7	G.O., No. 938 W., dated 5th April 1884. Item No. 3, class B works, budget of 1885-86.
	Chingleput...	St. Thomas' Mount.	8	Constructing a coffee shop with kitchen for the upper story barracks.	6,690	...	...	...	4,320		8	G.O., No.1300 W., dated 15th June 1885.
	Do. ...	Do. ...	9	Improvements to the old barracks.	...	...	...	...	8,870	63,830	9	Estimate is awaited.
Buildings for Native troops.	West Coast.	Quilon ...	10	Constructing a regimental store-shed.	9,334	...	...	...	9,334		10	G.O., No. 1556 W., dated 3rd July 1885. Item No. 32, class C works, budget of 1885-86.
	Presidency.	Bangalore ...	11	Public buildings for one regiment of Native Infantry.	21,636	...	...	...	10,000		11	G.O., No. 2952 W., dated 29th November 1884. Item No. 27, class C works, budget of 1885-86.
	Trichinopoly.	Trichinopoly...	12	Erection of a Magazine for one regiment of Madras Infantry.	...	...	...	...	2,000		12	Estimate is awaited.
	Do. ...	Do. ...	13	Construction of stone drains required for new lines.	...	...	...	...	7,000	28,334	13	Do. do.
(2) *Ordnance Works* ...	Presidency...	Fort St. George.	14	Constructing a new magazine in the Wallajah berm.	...	...	...	...	20,000		14	Do. do.
	Do. ...	Madras ...	15	New wheelers shop, Gun Carriage Factory.	7,370	...	...	...	7,370		15	G.O., No. 2870 W., dated 17th November 1884. Item No. 36, class C works, budget of 1885-86.
	Chingleput.	St. Thomas' Mount.	16	Alterations to racks in the Ordnance Magazine.	2,505	...	...	...	2,505	29,875	16	G.O., No. 2416 W., dated 15th October 1885.
			17	Minor works	...	...	...	...	27,000	27,000	17	
				Total ...	...	...	...	...	1,49,039	1,49,039		
				Grand Total ...	...	...	...	...	...	2,08,035		

APPENDI B.

LIST OF WORKS (or CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1886-87, BUT O WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B WORKS.

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Amount applied for 1886-87: Works in progress	Amount applied for 1886-87: Works not commenced	Amount applied for 1886-87: 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	Improving the system of water-supply to British Infantry Barracks.	...	...	...	...	5,350		1	Estimate is awaited.
	Do. ...	Do. ...	2	Alterations to prisons and adjoined buildings.	...	...	...	...	11,260		2	Do. do.
	Do. ...	Do. ...	3	New gunshed with collarmakers' and wheelers' shop for the Royal Artillery.	5,663	...	...	...	5,663		3	G.O., No. 914 W., dated 3rd April 1884.
	Do. ...	Do. ...	4	Swimming-bath, British Infantry.	7,644	...	...	...	5,000		4	G.O., No. 2434 W., dated 19th October 1885.
	Do. ...	Do. ...	5	Infectious disease ward, station hospital.	6,140	...	...	...	5,000		5	G.O., No. 330 W., dated 7th February 1884.
	Do. ...	Do. ...	6	Armourer's shop, 2nd Light Cavalry.	2,695	...	...	...	2,695		6	G.O., No. 2266 W., dated 14th September 1881. Item No. 5, Class B works, budget of 1885-86.
	Nilgiris ...	Wellington ...	7	Gymnasium ...	...	...	...	...	10,000		7	Estimate is awaited.
	Do. ...	Do. ...	8	Drinking-water to be laid on to hospital.	2,226	...	...	...	5,000		8	G.O., No. 893 W., dated 2nd April 1886.
	Do. ...	Do. ...	9	Lock hospital	...	...	...	...	4,180		9	Estimate is awaited.
	Do. ...	Do. ...	10	Constructing quarters with out-houses for a Barrack Sergeant.	7,348	...	...	...	7,348		10	G.O., No. 1941 W., dated 21st August 1885.
	West Coast.	Cannanore ...	11	Plunge-bath for British Infantry.	4,640	...	...	...	4,640		11	G.O., No. 418, dated 16th February 1876.
	Do. ...	Do. ...	12	Improving latrines for British Infantry.	2,780	...	...	...	2,780		12	G.O., No. 1056, dated 4th April 1879.
	Presidency.	Fort St. George.	13	Drainage of fort and barracks ...	...	...	...	...	10,000		13	Estimate is awaited.
	Do. ...	Do. ...	14	Wash-house outside the barracks ...	...	...	...	...	2,500		14	Do. do.
	Do. ...	Do. ...	15	Garrison bazaars to be done away with and new cook-houses built.	...	...	...	...	4,500		15	Do. do.
	Do. ...	Do. ...	16	Converting A, B, C, and D blocks into barracks and quarters for a regiment of British Infantry and Garrison Battery of Royal Artillery.	...	...	...	...	4,200		16	Do. do.
	Do. ...	Do. ...	17	Converting a racket court into a covered gymnasium.	11,890	...	2,000	9,890	...		17	G.O., No. 1552 W., dated 20th June 1884. Item No. 1, class B works, budget of 1885-86.
	Do. ...	Do. ...	18	Alterations necessary towards rendering the offices of the Accountant-General and Controller of Military Accounts suitable for occupation by troops.	...	...	...	...	40,000		18	Estimate is awaited.
	Do. ...	Bangalore ...	19	Schoolmaster and mistress' quarters, Royal Artillery.	...	...	...	...	6,200		19	Estimate is awaited.
	Do. ...	Do. ...	20	Quarters for the senior apothecary, north station hospital.	5,300	...	...	...	5,300		20	G.O., No. 3385 W., dated 27th November 1883.
				Carried over ...	...	...	...	9,890	1,41,616	...		

APPENDIX B—cont.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1886-87, 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.	Outlay: Actual to end of 1884-85.	Outlay: Probable during 1885-86.	Amount applied for 1886-87: Works in progress.	Amount applied for 1886-87: Works not commenced.	Amount applied for 1886-87: Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...		...	...	9,890	1,41,616	...		
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(1) *Accommodation for troops*—Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore ...	21	Quarters for the assistant apothecary, north station hospital.	4,773	...	...	...	4,773		21	G.O., No. 938 W., dated 5th April 1884.
	Do. ...	Do. ...	22	Constructing a fourth-class gymnasium.	44,600	1,788	...	42,812	...		22	G.O., No. 1560, dated 21st June 1878.
	Do. ...	Do. ...	23	Parade barracks—alterations and additions to wash-houses.	12,500	7,946	...	4,554	...		23	G.O., No. 1102 W., dated 7th May 1880.
	Chingleput.	St. Thomas' Mount.	24	A wheeler's and collarmaker's shop for the new Artillery barracks.	5,660	...	...	...	5,660		24	G.O., No. 2717 W., dated 3rd November 1884.
	Do. ...	Do. ...	25	Raising the roof of harness room, troop lines.	4,200	...	...	...	4,200		25	G.O., No. 3157 W., dated 17th December 1881.
	Do. ...	Do. ...	26	Wooden shed at the proof range ...	2,820	...	...	...	2,820		26	G.O., No. 3077 W., dated 13th December 1884.
	Do. ...	Do. ...	27	Converting the disused guardroom into a coffee shop, recreation room and library.	2,520	...	...	...	2,520		27	G.O., No. 1254 W., dated 28th May 1885.
	Do. ...	Pallávaram ...	28	Mortuary rooms for hospitals ...	...	...	...	...	3,000		28	Estimate is awaited.
	Do. ...	Do. ...	29	Constructing an armourer's shop ...	2,880	...	...	...	2,880		29	G.O., No. 3149 W., dated 22nd December 1884.
	Do. ...	Poonamallee.	30	Constructing a new double storied barracks.	1,60,886	6,854	...	20,000	...		30	G.O., No. 465 W., dated 16th February 1879.
	Do. ...	Do. ...	31	Providing lightning conductors to the hospital.	...	...	...	...	3,000	2,47,725	31	Estimate is awaited.
Accommodation for Native Troops.	Vizagapatam.	Vizianagram ...	32	Regimental store-room for Native Infantry.	3,480	...	...	...	3,480		32	G.O., No. 2628 W., dated 27th October 1884.
	Bellary ...	Bellary ...	33	School-house for a Regiment, Native Infantry.	3,030	...	...	...	3,030		33	G.O., No. 149 W., dated 17th January 1884.
	Presidency.	Madras (Ráyapuram).	34	Flushing drains for Native Infantry lines.	4,300	...	...	...	4,300		34	G.O., No. 1937 W., dated 4th June 1884.
	Do. ...	Bangalore ...	35	Store-rooms and workshops for the Pioneer Regiment.	...	...	...	...	3,000		35	Estimate is awaited.
	Do. ...	Bangalore ...	36	Public buildings for a regiment of Native Cavalry.	23,400	...	...	...	14,000		36	G.O., No. 1552 W., dated 20th June 1884. Item No. 4, Class B. Works, Budget of 1885-86.
	Trichinopoly	Trichinopoly.	37	Public buildings for two regiments of Native Infantry.	35,650	12,739	3,870	18,000	...		37	G.O., No. 2194 W., dated 5th September 1884. Item No. 3 Class A. Works, Budget of 1885-86.
	Chingleput.	Pallávaram ...	38	Powder Magazine for a Native Infantry Regiment.	4,500	...	...	...	4,500	50,310	38	G.O., No. 334 W., dated 15th February 1886.
(2) *Ordnance Works* ...	Presidency.	Madras ...	39	Wall round the Gunpowder Factory.	...	...	...	...	10,000		39	Estimate is awaited.
				Carried over ...	...	...	...	95,256	2,12,779	...		

APPENDI

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET ESTIMATE OF 1886-87

CLASS

B—*concld.*

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

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...	...	...	95,256	2,12,779	...		
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(2) *Ordnance Works.*	Presidency.	Madras ...	40	Extra accommodation as store-room in the Gun Carriage Factory.	...	...	...	...	6,000		40	Estimate is awaited.
	Do. ...	Do. ...	41	Improvements to the barrel machine shop of the Gun Carriage Factory.	4,030	1,969	...	2,061	...		41	G.O., No. 2413 W., dated 16th September 1882.
	Do. ...	Do. ...	42	Improvements to the Gunpowder Factory.	2,52,412	2,23,985	2,000	20,000	...		42	G.O., No. 2707 W., dated 3rd November 1884. Item No. 5, Class A works, budget of 1885-86.
	Do. ...	Do. ...	43	Dried deposit magazine, Gunpowder Factory.	3,975	...	...	...	3,975		43	G.O., No. 302 W., dated 21st April 1885.
	Do. ...	Do. ...	44	One drying house for store.	...	...	...	...	26,320		44	Estimate is awaited.
	Do. ...	Do. ...	45	Alterations to the roof of the final dusting-house.	...	...	...	...	4,300		45	Do. do.
	Do. ...	Tenampet ...	46	Constructing a wheat godown.	...	...	...	...	5,950		46	Do. do.
	Do. ...	Bangalore ...	47	Ordnance depôt buildings, Entrenchment.	...	...	...	...	4,823	63,420	47	Do. do.
(4) *Commissariat Buildings.*	Do. ...	Madras ...	48	Constructing a shed in the Camp Equipage Depôt.	...	...	...	...	5,300		48	Do. do.
	Do. ...	Do. ...	49	Lines for transport attendants ...	...	...	...	...	48,000		49	Do. do.
	Do. ...	Do. ...	50	Workshops and sheds for carts, doolies, &c., Transport Department.	...	...	...	...	5,500		50	Do. do.
	Do. ...	Bangalore ...	51	Quarters for a Conductor, Transport Department.	5,800	...	...	...	4,220		51	G.O., No. 992 W., dated 10th April 1886.
	Chingleput.	Guindy ...	52	Quarters for a station butcher ...	...	...	...	...	4,740	67,760	52	Estimate is awaited.
Fortifications.	Presidency.	Fort St. George.	53	Demolition of Wallajah Ravelin and two lunettes.	...	...	...	...	7,434		53	Do. do.
	North Arcot	Vellore ...	54	Draw bridge and gate for the fort.	6,450	...	...	...	6,450	13,884	54	G.O., No. 528 W., dated 7th March 1885.
Miscellaneous.	Nilgiri ...	Ootacamund, Lovdale.	55	Water-supply, Lawrence Asylum.	...	...	...	...	7,000	7,000	55	Estimate is awaited.
				Total ...	...	...	...	1,17,317	3,52,791	4,70,108		

Buildings.
Accommodation.

16/168

Quarter Master General's Office,
Ootacamund,
16th June 1886.

No. 2147. A.

From
The QUARTER MASTER GENERAL,

To
The SECRETARY TO GOVERNMENT,
Military Department.

Sir,

With reference to P. M. G. No. 3592 of 11th Instant, I am desired to state that His Excellency the Commander in Chief has no objection to the sum of Rs: 2420; which has been allotted by the Government of India for alterations of Barracks at Kamptee to provide additional accommodation on account of augmented strength of British Troops, being deducted from Item No: 4 Class B. Works in the final Issue of the Madras Military

Works

Works Budget for 1886/87 for which a sum of Rs. 20,160/- has been granted.

I have the honor to be
Sir
Your obedt. Servant

Colonel
Offg: Quarter Master Genl

G.O. 1348 W. 29-5-86
" 1082 W. 29-4-86

Mily. Buildings

No. 3633 Transferred to the P. W. Dept. in reply to G.O. No. 1348 W. of 29th May 1886

(By order)
A. Kenney Herbert Lt. Col.
Secy. to Govt.
17 June 1886

21/6/86

Military (1886) Department. Mil. No. 4769

No. ~~[illegible]~~

From

The Quarter Master General,

To

The Secretary to Government,
Military Department.

No. 2147 A.

Dated 16th } June
Received 17th

No. 1618 W. d/ 25 June 1886

Enclosures. Nil.

Stating that H.E. the C. in C. has no objection to the sum of Rs. 2420 being allotted for alteration of Barracks at Kamptee for accommodation of British Troops.

No. 1618 W.

Genl. Acct.

Public Works Department.

18/168

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 25th June 1886.

Read the following

Letter from the Quarter Master General, M. C. No. 2147 A dated 16th June 1886.

Endt. thereon in the Military Depart. No. 3633 dated 17-6-86.

Communicated to the Supdg. Engineer, V Circle and the Examiner of P.W. Accounts, with reference to para 2 of G.O. No. 1348 W dated 29th May 1886.

2 The grant for item No. 4, Class B works, in the final issue of the Military Works Budget for 1886-87 will accordingly be reduced by Rs 2420.

23-6-86

Despd. 1/7/86

25/6/86

The Supdg. Engr. V Circle.
" Examr. P. W. Accts.
Military Dept.

4769

Govt. of 1886 Madras

PUBLIC WORKS.

2816

G.O. 25 June 1618 W

Mily works grant, 1886-87

A Reduction of the grant for one of the items in the budget being ordered ~~[illegible]~~ in order to make the transfer ordered by the Govt of India of Rs 3,000 to the Central Provinces from the —

10