

(1) பக்கங்களின் எண்ணிக்கை 20

(2) புதுக்கித் திருப்பிய நாள் Jul 88

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 100

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. V. D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	18597 605	அச்சகம் பலவகை
நாள் :	11.7.1887	198.

மாடிக்கலோ கண்டபடி கையாளவோ கூடாது

11TH JULY 1887, No. 1859 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following papers:—

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 9th June 1887, No. 1177.

With reference to G.O., No. 1160 W., dated 28th April 1887, paragraph 3, I have the honor to report that the amount of Rs. 4,740, sanctioned for the store-rooms and workshops for the Pioneer regiment at Bangalore, can be reduced by substituting brick-in-mud for stone-in-mortar and jungle-wood for teak-wood; but the deviation would not be advantageous, as it will cost as much, if not more, for repairs hereafter.

2. It would be well, therefore, if the original sanctioned estimate is carried out without deviation.

G.O., dated 21st June 1887, No. 3633, Military.

Read—the following letter from Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 26th May 1887, No. 1247 A:—

Referring to G.O., No. 1315, of 5th March 1887, I am desired to state that, inasmuch as the 1st Pioneers have on their hands the work of finishing their lines (begun by the 14th Madras Infantry), and, moreover, have hitherto had no training in building work, His Excellency the Commander-in-Chief considers it undesirable that the regiment should attempt the construction of the workshops.

2. Adverting to paragraph 3 of G.O., No. 1160 W., of 28th ultimo (Military No. 2837 of 16th instant), circulating the final issue of the budget for 1887-88, I am further to state that the Commander-in-Chief doubts if the Superintending Engineer will find it possible to reduce the estimate for the work from Rs. 4,740 to Rs. 3,000, unless by some reduction of space allowed for the different shops, which His Excellency would deprecate, being of opinion that not only are the shops as originally designed all essential, but that, in view of the large amount of leather equipment in a Pioneer regiment, and the frequent necessity of effecting repairs to the same, the addition of a "chuckler's" shop should be made to them.

3. The General Officer Commanding Bangalore Division has already been desired to submit a revised plan and estimate to include this additional shop.

Order—dated 21st June 1887, No. 3633, Military.

Communicated to the Public Works Department, with reference to paragraph 2 of proceedings of Government, No. 534 W., dated 21st February 1887.

(True Extract.)

(Signed) A. B. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

From the Superintending Engineer, V Circle, dated 2nd July 1887, No. 1481.

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2 11th JULY 1887, No. 1859 W., PUBLIC WORKS.

ORDER—dated 11th July 1887, No. 1859 W., Public Works.

Ordered that the following letter be sent to the Government of India, with reference to the remark in paragraph 3
• Proceedings of Government, No. 1160 W., (ii) of their resolution, No. 607 M.W., dated 28th April 1887.
dated 18th March 1887, on item No. 7,
class B works, in the final issue of the Imperial military works budget for 1887-88.

(Here enter No. 1860 W., dated 11th July 1887.)

(True Extract.)

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

To the Superintending Engineer, V Circle.
„ Examiner, Public Works Accounts.
„ Military Department, with copy of letter to India.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of Madras.

PUBLIC WORKS.

Dated July, 11th.

Recd.

Encl.

G.O., 11th July 1887, No. 1859 W.

JULY.

Store-rooms and Workshops for
the Pioneer Regiment at
Bangalore

The Government of India to be addressed
with reference to their order that no excess
over the budget allotment of Rs. 3,000 for
the — should be permitted to take place.

11TH JULY 1887, No. 1860 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

LETTER—from

COLONEL J. O. HASTED, R.E.,

Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
MILITARY DEPARTMENT.

SIR,

With reference to the remark in paragraph 3 (ii) of Government of India resolution, No. 607 M.W., dated 18th March 1887, to the effect that the provision of Rs. 3,000 made in the military works budget for store-rooms and workshops for the Pioneer regiment at Bangalore seems too high, and that no excess over the budget allotment can be permitted, I am directed

* Proceedings of Government, No. 534 W.,
dated 24th February 1887 (copy attached).

† Proceedings of Government, No. 1859 W.,
dated 11th July 1887.

to state that the sanctioned * estimate for the work amounts to Rs. 4,740, and to forward copies† of letters from the Quartermaster-General and the Superintending Engineer, V Circle, from which

it will be seen that not only can no reduction in the estimate be effected with advantage, but that certain additional work will be needed to meet the requirements of the regiment. I am therefore to request that the condition attached to the budget grant may be withdrawn, and that the work may be proceeded with in accordance with the estimate.

2. The favor of an early reply is requested.

I have the honor to be,

Sir,

Your most obedient servant,

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

OOTACAMUND,
11th July 1887.

Exd. E. Fernandez.
Spare Copies

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BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1887] Madras.
PUBLIC WORKS.

Dated July, 11th.

Recd.

Encl.

G.O., 11th July 1887, No. 1860 W.

JULY.

Store-rooms and Workshops for
the Pioneer Regiment at
Bangalore

The Government of India requested to permit expenditure being incurred on the — up to Rs. 4,740, which is the amount of the sanctioned estimate.

28TH APRIL 1887, No. 1160 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

Extract from the Proceedings of the Government of India, Military Department, dated Fort William, 18th March 1887, No. 607 M-W. (Accounts—Budget Estimate) :—

MADRAS.

Orders on Military Works Budget Estimate for 1887-88, and Revised Estimate for 1886-87.

Read—

Military Department Resolution, No. 1672 M-W., dated the 1st November 1886.
Letter, No. 3327-W., dated the 17th December 1886, from Government of Madras.

RESOLUTION.—The estimates of Revenue are accepted for the sums entered in the subjoined table :—

REVENUE.

	Budget estimate, 1887-88.	Revised estimate, 1886-87.	Budget estimate, 1886-87.	Actuals, 1885-86.
	RS.	RS.	RS.	RS.
In Public Works Department ...	25,000	16,000	30,000	25,881
Total ...	25,000	16,000	30,000	25,881

EXPENDITURE.

Budget Estimate, 1887-88.

2. The estimate has been prepared for the grant of Rs. 5,50,000 sanctioned in Military Department Resolution, No. 1672 M-W., dated 1st November 1886; with reference to paragraph 2 of the letter from the Government of Madras quoted in the preamble, the Government of India regret being unable to provide a larger allotment.

3. The details of part I of the estimate are passed, subject to the following remarks :—

- i. *Class A works*—Item 1, barracks for 50 additional men and canteen at Malapuram.—It has been found desirable to allot only Rs. 11,000 for this work, until it is known what the supplemental estimate includes, what it amounts to, and what prospect there is of the work being vigorously prosecuted. The balance of the grant may be held in reserve by the Madras Government for the present.
- ii. *Class B works*.—It is noticed that estimates for items Nos. 2, 6, 7, 8 and 9 have not been prepared and sanctioned. The provision made for items 2 and 6 of the budget seems too high, but the allotments are admitted on the condition that no excess is permitted to take place.

iii. The remaining three items are Ordnance works, but were not brought forward by the Director-General of Ordnance in his schedule of requirements for 1887-88, and the Government of India has no means of judging whether the works proposed will be completed for the sums entered in the budget estimate. The allotments aggregating Rs. 36,000 are passed provisionally subject to redistribution in communication with the Inspector-General of Ordnance, who should obtain the concurrence of the Director-General of Ordnance to any proposals he may recommend to the Madras Government. The final distribution of the allotment of Rs. 36,000 to works or special repairs, or to both, should be communicated to the Government of India.

Revised Estimate for 1886-87.

4. The revised estimate has been passed for the amount of the existing grant, Rs. 6,23,400.

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

	Budget estimate, 1887-88.	Revised estimate, 1886-87.	Budget estimate, 1886-87.	Actuals, 1885-86.
	RS.	RS.	RS.	RS.
Original works. { In progress	50,900	1,93,900	2,08,035	1,85,232
Repairs	91,700			
	3,00,000	3,10,500	3,10,465	1,73,187
Total, Works and Repairs ...	4,42,600	5,04,400	5,18,500	3,58,419
Establishment	1,03,000	1,17,500	1,20,700	83,263
Tools and plant	4,400	5,000	5,200	3,563
	5,50,000	6,26,900	6,44,400	4,45,245
Deduct—Excess amount included for expenditure in England in revised estimate	...	1,500	...	...
Deduct—Expenditure in England	5,50,000	6,25,400	6,44,400	4,45,245
	...	2,000	...	236
Net Indian outlay	5,50,000	6,23,400	6,44,400	4,45,009

* Reduced to Rs. 2,000 to accord with latest advice received from the Secretary of State.

6. The authority herewith given to incur expenditure within the limits shown in the foregoing table, is subject to the condition of a strict adherence to the rules in force regarding the financial regularity of departmental work.

ORDER.—Ordered, that this resolution 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 1887.

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

(True Extract.)

E. COLLEN,

Offg. Secy. to the Govt. of India.

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

Telegram from the Government of India, Military Department, dated 7th April 1887.
Suptg. Engineer, III Circle, dated 7th April 1887.
Letter from the " " III " " 6th " " No. 29.
" " " " IV " " 2nd " " " 163 E.W.
" " " " V " " " " " 25.

ORDER—dated 28th April 1887, No. 1160 W., Public Works.

Ordered that the final issue of the Imperial Military Works budget for 1887-88 prepared for Rs. 5,50,000, being the amount adopted by the Government of India in their resolution read at the head of these proceedings, be printed and 45* copies forwarded to the Government of India.

* To Simla 20
" Calcutta 25
45
2. Provision to the extent fixed by the Government of India has been made for barracks for 50 additional men at Malapuram. A supplemental estimate,

amounting to Rs. 38,940, was forwarded for the sanction of that Government with endorsement No. 1004 W., dated 4th April 1887, and it has been ascertained that if the estimate be sanctioned at an early date there will be no difficulty in spending the whole of the proposed grant, Rs. 20,000, before the close of the official year. The Government of India will therefore be requested to re-allot the sum of Rs. 9,000 withheld from the proposed grant for the work.

3. The attention of the Superintending Engineer, IV Circle, will be drawn to the remarks of the Government of India on item No. 2, class B works, and with reference to the remark against item No. 7, "store rooms and workshop for the Pioneer regiment at Bellary," the Superintending Engineer, III Circle, will report if the estimate of Rs. 4,740 already sanctioned for the work—vide G.O., No. 534 W., dated 24th February 1887, can be reduced to the amount of the budget grant.

4. The works detailed in the margin,† for which the Government of India have sanctioned allotments provisionally only, were considered‡ urgent by His Excellency the Commander-in-Chief. The Quartermaster-General will be requested to communicate with the Inspector-General of Ordnance and report, with reference to the remark iii, paragraph 3 of the Government of India resolution above quoted, in order that the allotments for the works named may be re-distributed, if necessary, as directed by the Government of India.

5. The modifications of grants necessary to meet the increased rate of contribution to Provincial on account of tools and plant sanctioned by the Government of India—vide G.O., No. 881 W., dated 23rd March 1887, will be made in separate proceedings.

6. Superintending Engineers concerned will submit without loss of time plans and estimates for the unsanctioned works for which funds have been provided in the budget.

7. The amounts held at the disposal of the Government for Repairs and Minor Original Works will as usual be distributed on receipt of detailed proposals from Superintending Engineers in accordance with paragraph 1322 of the Public Works Code; and the balance of the Minor Original Works grant, after providing for incomplete works of last year and for such of the Minor New Works as may be considered urgent, will be placed at the disposal of the Officers Commanding Divisions and Districts.

8. The revised estimate of charges for 1886-87, as shown in the preliminary issue, has been altered to Rs. 6,23,400 to agree with the total amount shown in the

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28TH APRIL 1887, No. 1160 W., PUBLIC WORKS.

table embodied in paragraph 5 of the resolution of the Government of India above
recorded.

(Here enter No. 1161 W., dated 28th April 1887.)

(True Extract.)

(Signed)

J. O. HASTED, Colonel, R.F.,
Secretary to Govt., P.W.D.

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

Exd. P. L. Pareira.
Spare Copies.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of Madras.
PUBLIC WORKS.

Dated April, 28th.

Recd.

Encl.

G.O., 28th April 1887, No. 1160 W.

APRIL.

Budget Estimate

Imperial Military Works for 1887-88.—
Orders circulating the final issue of the —.

30TH DECEMBER 1885, No. 3092 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From the Government of India, Military Department, dated 27th October 1885,
No. 1208 M.W.

Extract from the Proceedings of the Government of India, in the Military Department,—
(under date Simla, the 27th October 1885).

Distribution of the Imperial Grant for Military Works for 1886-87.

Resolution—

The Government of India are pleased to make the following provisional distribu-
tion of the grant for 1886-87:—

	RS.
Reserved with the Government of India ...	4,00,000
Central India ...	1,50,000
Hyderabad ...	3,10,000
Rajputana ...	1,75,000
Military Works Department ...	57,50,000
Central Provinces ...	1,50,000
British Burma ...	3,60,000
Assam ...	1,50,000
Bengal ...	60,000
North-Western Provinces and Oudh ...	1,12,000
Punjab ...	2,80,000
Madras ...	6,50,000
Bombay ...	14,53,000
Total ...	100,00,000

2. In addition to the above, the following special grants are provisionally allotted
for Coast Defences:—

	RS.
Military Works Department ...	50,000
British Burma ...	1,85,000
Bombay ...	8,50,000
Total ...	10,85,000

3. The grants sanctioned herein include provision for any expenditure that may
be incurred in England on stores for works classified as Military.

4. The preliminary budget estimates should be prepared for the amounts now
provisionally sanctioned, and should be submitted so as to reach the Government of
India punctually by the 15th January 1886.

30TH DECEMBER 1885, No. 3092 W., PUBLIC WORKS.

Order—

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burma and Assam.
The Resident at Hyderabad.
The Agents to the Governor-General for Central India and Rajputana.
The Inspector-General of Military Works.

Ordered, that a copy of the foregoing resolution be forwarded to the local Governments, &c., noted in the margin for information and guidance.

Ordered also, that a copy be forwarded to the Quartermaster-General in India, Accountant-General, Public Works Department, and Accountant-General, Military Department, for information.

(Signed) O. R. NEWMARCH, Colonel,
Offg. Secretary to the Government of India.

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

From the Superintending Engineer, I Circle, dated 7th November 1885, No. 309 G.L.
" " " III " " 25th September " " 403 E.
" " " IV " " 6th October " " 2870.
" " " V " " 5th " " " 2871.
" " " VI " " 21st September " " 1005 T

From Brigadier-General R. C. STEWART, Quartermaster-General, the Secretary to Government, Public Works Department, dated October 1st, 1885, No. 4121 A.

In returning the statement received with your letter, No. 1897 C., dated 19th ultimo, I have the honor, by order, to state that the proposed distribution of the grant as therein indicated is approved by the Provincial Commander-in-Chief.

ORDER—dated 30th December 1885, No. 3092 W., Public Works.

In the resolution read above, the Government of India provisionally assigned a grant of Rs. 6,50,000 for the Military Works of this Presidency for 1886-87. This grant, distributed under departmental heads, will be as follows:—

Original Works, Major	Do. Minor	...	...	...	...	...	...	Rs.
Repairs	...	...	...	...	...	...	...	2,20,616
Establishment	...	...	...	...	...	...	...	22,000
Tools and plant	...	...	...	...	...	...	...	2,71,368
								1,21,736
								5,230
Total								6,50,000

2. The distribution of the grants to Major Works has been approved by the Provincial Commander-in-Chief. The grants for Minor Original Works and Repairs will, as usual, be held at the disposal of the Government and be appropriated early next year on receipt of detailed proposals from Superintending Engineers, and from the Provincial Commander-in-Chief in the case of grants to be placed at the disposal of officers of the Military Department commanding divisions and districts.

3. The total demands for the year on account of Minor Original Works and Repairs amount respectively to Rs. 1,00,000 and Rs. 3,50,000, as detailed in the schedule of Military requirements for that year, forwarded to the Government of India with Proceedings, No. 2448 W., dated 20th October 1885. As the grant for 1886-87 was assigned before receipt of the schedule referred to above, and as many important works are now held in abeyance from want of sufficient funds, the Government of India will be specially requested to increase the grant already assigned, so that the requirements under these heads may be met fully.

4. The Superintending Engineer, V Circle, will submit, at the earliest possible date, plans and estimates for Items 4 and 9 under Class B Works.

5. The grant originally assigned by the Government of India for 1885-86 was Rs. 6,50,000. This was subsequently reduced to Rs. 4,50,000 on account of the financial pressure in the year.

6. With these remarks, the preliminary issue of the Military Works budget estimate will be printed and circulated to the officers concerned, and four copies forwarded to the Government of India.

(Here enter No. 3093 W., dated 30th December 1885.)

(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. A. Raltt.
Spare Copies

PRELIMINARY ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

1878/10

PUBLIC WORKS DEPARTMENT.

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

CHERAK,
30th December 1885.

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

IMPERIAL.
MILITARY WORKS.

MADRAS.

1898/11

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IMPERIAL
MILITARY WORKS.

MADRAS

ABSTRACT OF THE BUDGET ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT
MILITARY WORKS IN MADRAS FOR THE YEAR 1886-87 1st APRIL 1886 to 31st MARCH 1887.

	BUDGET ESTIMATE, 1886-87.	REVISED ESTIMATE, 1885-86.	BUDGET ESTIMATE, 1886-87.	ACTUAL, 1884-85.
In Public Works Department	Rs.	Rs.	Rs.	Rs.
In Civil and Military Departments	31,000	29,500	29,500	31,206
Total	31,000	29,500	29,500	35,586

ABSTRACT OF THE BUDGET ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT
MILITARY WORKS IN MADRAS FOR THE YEAR 1886-87 1st APRIL 1886 to 31st MARCH 1887.

	REFERENCE TO DEPARTMENT ESTIMATE.	BUDGET ESTIMATE, 1886-87.	REVISED ESTIMATE, 1885-86.	BUDGET ESTIMATE, 1886-87.	ACTUAL, 1884-85.
ORIGINAL WORKS		Rs.	Rs.	Rs.	Rs.
In Progress		31,000	29,500	29,500	31,206
Not commenced		1,600	1,600	1,600	2,000
REPAIRS		2,710	2,710	2,710	2,000
Ordinary		1,210	1,210	1,210	1,000
Extraordinary		1,500	1,500	1,500	1,000
TOLLS AND PLANT		1,200	1,200	1,200	1,000
STORAGE ACCOUNT		6,000	6,000	6,000	6,000
Total		42,510	42,510	42,510	42,510

IMPERIAL
MILITARY WORKS.

MADRAS.

1878/12

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

BUDGET ESTIMATE, 1886-87.										REVISED ESTIMATE, 1885-86.		BUDGET ESTIMATE, 1886-87.		ACTUAL, 1884-85.	
ORIGINAL WORKS.															
Provision from Imperial Funds.	In progress.	Not commenced.	Total.	Repairs.	Establishment.	Tools and Plant.	Storage Account. Public Works Department.	Total.							
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India	61,000	1,60,000	2,21,000	2,71,000	1,21,700	5,200	...	6,50,000	4,50,000	6,50,000	6,12,067	...	...	...	250
In England	...	...	...	...	...	...	...	6,50,000	4,50,000	6,50,000	6,11,797	...	...	...	...
Total	61,000	1,60,000	2,21,000	2,71,000	1,21,700	5,200	...	6,50,000	4,50,000	6,50,000	6,11,797	...	...	...	...
Provision from Contributions in India.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	261
In India	...	...	...	...	...	...	...	6,50,000	4,50,000	6,50,000	6,12,067	...	...	...	...
Grand Total	61,000	1,60,000	2,21,000	2,71,000	1,21,700	5,200	...	6,50,000	4,50,000	6,50,000	6,12,067	...	...	...	...

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, 1886-87.	ACTUAL, 1884-85.
TOTAL	ORIGINAL WORKS			TOOLS AND PLANT.	STORAGE ACCOUNT.	TOTAL.	Rs.	Rs.	Rs.
	In progress.	Not commenced.	Total.						
In India	...	...	...	...	...	...	...	...	250
In England	...	...	...	...	...	...	...	...	250
Total	...	...	...	...	...	...	...	...	250

IMPERIAL
MILITARY WORKS.

MADRAS.

1876/13

PART
DETAIL OF THE BUDGET ESTIMATE FOR
CLASS A

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	Amount of Estimate.
				IMPERIAL ORDINARY.	Rs.
				Military.	
				Original Works.	
(1) Accommodation for troops.	West Coast.	Malapparam ...	1	Constructing a barracks for a detachment of French Infantry to accommodate 100 men.	1,35,000
Buildings for European troops in the place Permanent.	Presidency.	Port St. George.	2	Converting a racket court into a covered gymnasium.	11,000
	Cinglaput.	St. Thomas' Mount.	3	New barracks for Royal Artillery.	1,46,910
	Do. ...	Do. ...	4	Constructing six blocks of stables for two field batteries of Royal Artillery.	21,700
Buildings for Native troops.	Presidency.	Bangalore ...	5	Public buildings for a regiment of Native Cavalry.	23,400
	Trichinopoly.	Trichinopoly...	6	Public buildings for two regiments of Native Infantry.	32,000
(2) Ordnance Works...	Presidency.	Port St. George	7	Armament of Fort St. George ...	42,000
(3) Fortifications	Do. ...	Madras ...	8	Alterations to the Coast Batteries.	14,500
	Do. ...	Bangalore ...	9	Fortified post at Agrim ...	18,700
			Total ...		...

[4]

I.
ORIGINAL WORKS FOR THE YEAR 1885-87.
WORKS.

ORDINARY		GRANT, 1885-87.			Item No.	REMARKS AND REFERENCE.
Actual Expenditure of 1885-86.	Estimated Expenditure for 1886-87.	Works in Progress.	Works not in Progress.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
83,501	31,448	29,112	...		1	G.O. No. 2845 W., dated 27th November 1885. Item No. 2, class A works, budget of 1885-86.
...	2,000	9,500	...		2	G.O. No. 1552 W., dated 20th June 1884. Item No. 1, class B works, budget of 1885-86.
27,370	21,408	27,073	...		3	G.O. No. 1274 W., dated 2nd June 1885. Item No. 1, class A works, budget of 1885-86.
10,000	9,000	2,542	...	53,000	4	G.O. No. 2561 W., dated 2nd November 1885. Item No. 2, class B works, budget of 1885-86.
...	...	...	10,000		5	G.O. No. 1552 W., dated 20th June 1884. Item No. 4, class B works, budget of 1885-86.
12,770	3,870	18,000	...	32,000	6	G.O. No. 2194 W., dated 5th September 1884. Item No. 3, class A works, budget of 1885-86.
8,000	31,035	2,964	...	2,964	7	G.O. No. 2970 W., dated 16th October 1884. Item No. 4, class A works, budget of 1885-86.
...	8,240	6,025	...		8	G.O. No. 2126 W., dated 11th September 1885.
34,407	3,020	5,000	...	11,225	9	G.O. No. 3059 W., dated 18th December 1885. Further estimates are awaited.
...	...	91,602	14,000	1,35,602		

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IMPERIAL
MILITARY WORKS.

PART
DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
(1) Accommodation for troops—	Bellary ...	Bellary ...	1	Reconstructing double apothecaries' quarters, station hospital.	6,222
Buildings for European troops in the plains. Permanent.	Nilgiri ...	Wellington ...	2	Hospital accommodation for women and children.	3,036
	Presidency ...	Fort St. George.	3	Improving water-supply ...	6,445
	Do. ...	Do. ...	4	Alterations necessary towards rendering the offices of the Accountant-General and Controller of Military Accounts suitable for occupation by troops.	...
	Do. ...	Bangalore ...	5	Additions to the Military prison ...	8,325
	Chingleput...	St. Thomas' Mount.	6	Constructing a coffee shop with kitchen for the upper story barracks.	6,690
Buildings for Native troops.	West Coast.	Quilon ...	7	Constructing a regimental store-shed.	9,334
	Presidency.	Bangalore ...	8	Public buildings for one regiment of Native Infantry.	21,636
(2) Ordnance Works...	Do. ...	Fort St. George.	9	Constructing a new magazine in the Wallajah berm.	...
	Do. ...	Madras ...	10	New wheelers shop, Gun Carriage Factory.	7,370
	Chingleput.	St. Thomas' Mount.	11	Alterations to racks in the Ordnance Magazine.	2,505
(4) Fortifications ...	North Arcot.	Vellore ...	12	Draw-bridge and gate for the Fort.	6,450
			13	Minor works ...	...
			Total ...		...
			Grand Total ...		...

I—GENL.

ORIGINAL WORKS FOR THE YEAR 1886-87.
WORKS.

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.		
...	...	...	6,222	...	1	G.O., No. 1806 W., dated 3rd August 1885.
...	...	...	3,036	...	2	G.O., No. 1573 W., dated 6th July 1885, Item No. 15, class C works, budget of 1885-86.
...	...	...	6,445	...	3	G.O., No. 2454 W., dated 20th October 1885.
...	...	...	40,000	...	4	Estimate is awaited.
...	...	...	8,325	...	5	G.O., No. 938 W., dated 5th April 1884. Item No. 3, class B works, budget of 1885-86.
...	...	...	4,220	63,348	6	G.O., No. 1390 W., dated 15th June 1885.
...	...	...	9,334	9,334	7	G.O., No. 1556 W., dated 3rd July 1885. Item No. 32, class C works, budget of 1885-86.
...	...	...	10,000	10,000	8	G.O., No. 2952 W., dated 29th November 1884. Item No. 27, class C works, budget of 1885-86.
...	...	...	20,000	...	9	Estimate is awaited.
...	...	...	7,370	...	10	G.O., No. 2870 W., dated 17th November 1884. Item No. 36, class C works, budget of 1885-86.
...	...	...	2,505	29,875	11	G.O., No. 2416 W., dated 15th October 1885.
...	...	...	6,450	6,450	12	G.O., No. 528 W., dated 7th March 1885.
...	...	...	22,000	22,000	13	
...	...	...	1,46,007	1,46,007		
...	...	...	...	2,51,616		

MADRAS.

1887/88

IMPERIAL
MILITARY WORKS.

APPENDIX
CLASS E

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

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
(1) Accommodation for troops—	Bellary	Bellary	1	Improving the system of water-supply to British Infantry Barracks.	...
Buildings for European troops in the plains. Permanent.	Do.	Do.	2	Alterations to prisons and adjoined buildings.	...
	Do.	Do.	3	New gunshed with collar-makers' and wheelers' shop for the Royal Artillery.	5,663
	Do.	Do.	4	Swimming-bath, British Infantry.	7,643
	Do.	Do.	5	Infectious disease ward, station hospital.	6,140
	Do.	Do.	6	Armourer's shop, 2nd Light Cavalry.	2,695
	Nilgiri	Wellington	7	Gymnasium	...
	Do.	Do.	8	Drinking-water to be laid on to hospital.	...
	Do.	Do.	9	Lock hospital	...
	Do.	Do.	10	Constructing quarters with out-houses for a Barrack Sergeant.	7,348
	West Coast.	Cannanore	11	Plunge-bath for British Infantry.	4,640
	Do.	Do.	12	Improving latrines for British Infantry.	2,780
	Presidency.	Fort St. George.	13	Drainage of fort and barracks	...
	Do.	Do.	14	Wash-house outside the barracks	...
	Do.	Do.	15	Garrison lazars to be done away with and new cook-houses built.	...
	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.	...
	Do.	Bangalore	17	Schoolmaster and mistress' quarters, Royal Artillery.	...
	Do.	Do.	18	Quarters for the senior apothecary, north station hospital.	5,300
	Do.	Do.	19	Quarters for the assistant apothecary, north station hospital.	4,773
	Do.	Do.	20	Constructing a fourth-class gymnasium.	44,600
	Do.	Do.	21	Parade barracks—alterations and additions to wash-houses.	12,500
				Carried over ...	

MADRAS.

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

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.		
...	...	...	5,350	...	1	Estimate is awaited.
...	...	...	11,260	...	2	Estimate is awaited.
...	...	...	5,663	...	3	G.O., No. 914 W., dated 3rd April 1884.
...	...	...	5,000	...	4	G.O., No. 2454 W., dated 19th October 1885.
...	...	...	5,000	...	5	G.O., No. 830 W., dated 7th February 1884.
...	...	...	2,695	...	6	G.O., No. 2266 W., dated 14th September 1881. Item No. 5, Class B works, budget of 1885-86.
...	...	...	10,000	...	7	Estimate is awaited.
...	...	...	5,000	...	8	Estimate is awaited.
...	...	...	4,180	...	9	Estimate is awaited.
...	...	...	7,348	...	10	G.O., No. 1941 W., dated 21st August 1885.
...	...	...	4,640	...	11	G.O., No. 418, dated 16th February 1876.
...	...	...	2,780	...	12	G.O., No. 1056, dated 4th April 1879.
...	...	...	16,000	...	13	Estimate is awaited.
...	...	...	2,500	...	14	Estimate is awaited.
...	...	...	4,500	...	15	Estimate is awaited.
...	...	...	4,200	...	16	Estimate is awaited.
...	...	...	5,200	...	17	Estimate is awaited.
...	...	...	5,300	...	18	G.O., No. 3385, W., dated 27th November 1883.
...	...	...	4,773	...	19	G.O., No. 938 W., dated 5th April 1884.
...	...	...	42,812	...	20	G.O., No. 1560, dated 21st June 1876.
1,788	...	4,554	...	...	21	G.O., No. 1102 W., dated 7th May 1880.
7,946	...	...	...	...		
		47,366	1,06,389			

IMPERIAL.
MILITARY WORKS.

MADRAS.

MADRAS
1857/16

APPENDIX

H. - cont.

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

WORKS—cont.

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.		
		47,466	1,06,389			
...	...	...	5,660	...	22	G.O., No. 2717 W., dated 3rd November 1884.
...	...	...	4,200	...	23	G.O., No. 3137 W., dated 17th December 1881.
...	...	...	2,850	...	24	G.O., No. 3077 W., dated 13th December 1884.
...	...	...	2,520	...	25	G.O., No. 1334 W., dated 25th May 1885.
...	...	...	3,000	...	26	Estimate is awaited.
...	...	...	2,880	...	27	G.O., No. 3149 W., dated 22nd December 1884.
2,854	...	20,000	...	...	28	G.O., No. 465 W., dated 19th February 1879.
...	...	...	3,000	...	29	Estimate is awaited.
...	...	...	3,450	1,97,835	30	G.O., No. 2628 W., dated 27th October 1884.
...	...	...	3,030	...	31	G.O., No. 149 W., dated 17th January 1881.
...	...	...	4,300	...	32	G.O., No. 1907 W., dated 4th June 1884.
...	...	...	3,000	...	33	Estimate is awaited.
...	...	...	4,500	...	34	Estimate is awaited.
...	...	...	10,000	18,310	35	Estimate is awaited.
...	...	...	6,000	...	36	Estimate is awaited.
1,969	...	2,061	...	...	37	G.O., No. 2413 W., dated 10th September 1882.
2,23,985	2,000	20,000	...	...	38	G.O., No. 2707 W., dated 3rd November 1884. Item No. 3, Class A works, budget of 1885-86.
...	...	...	2,975	...	39	G.O., No. 302 W., dated 21st April 1885.
...	...	...	26,320	...	40	Estimate is awaited.
...	...	...	4,300	...	41	Estimate is awaited.
		50,427	1,03,374	2,16,145		

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Carlini et al.

IMPERIAL.
MILITARY WORKS.

MADRAS.

1886/87
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B—*contd.*

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

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

APPENDIX

CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND VICES	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>contd.</i>	
				MILITARY— <i>contd.</i>	
				Original Works— <i>contd.</i>	
(2) Ordnance Works.	Presidency.	Tenampet	42	Constructing a wheat granary.	...
	Do.	Bangalore	43	Ordnance depot buildings, Bangalore.	...
(4) Commercial Buildings.	Do.	Madras	44	Constructing a shed in the Camp Equipping Depot.	...
	Do.	Do.	45	Sheds for transport animals.	...
	Do.	Do.	46	Warehouses and sheds for carts, doles, &c., Transport Department.	...
	Do.	Bangalore	47	Quarters for a Collector, Transport Department.	...
	Chingleput.	Guindy	48	Quarters for a staff battery.	...
Fortifications.	Presidency.	Fort George.	49	Demolition of Wallajah Bavelin and its fortification.	...
Miscellaneous.	Nilgiri	Obanur.	50	Water-supply, Lawrence Asylum.	...
				Total ...	...

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. 89,427	Rs. 1,99,374	Rs. 2,10,145		
...	...	...	5,850	...	42	Estimate is awaited.
...	...	...	4,823	...	43	Estimate is awaited.
...	...	...	...	83,429	44	Estimate is awaited.
...	...	...	5,300	...	45	Estimate is awaited.
...	...	...	48,000	...	46	Estimate is awaited.
...	...	...	5,500	...	47	Estimate is awaited.
...	...	...	4,020	...	48	Estimate is awaited.
...	...	...	4,740	...	49	Estimate is awaited.
...	...	...	...	67,760	50	Estimate is awaited.
...	...	...	7,434	7,434		
...	...	...	7,000	7,000		
...	...	89,427	2,02,341	3,81,768		

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FINAL ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

1859/60
18

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1887-88.

CHEPAR,
28th April 1887.

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

1898/9

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IMPERIAL
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT
MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1937 TO 31st MARCH 1938

	BUDGET- ESTIMATE, 1937-38	REVISED ESTIMATE, 1937-38	BUDGET- ESTIMATE, 1938-39	ACTUALS, 1937-38
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	25,000	16,000	30,000	25,000
In Civil and Military Departments	...	...	...	...
Total	25,000	16,000	30,000	25,000

CHARGES

ABSTRACT OF THE BUDGET ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT
MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1937 TO 31st MARCH 1938

	REFERENCE TO DETAILED ESTIMATE	BUDGET- ESTIMATE, 1937-38	REVISED ESTIMATE, 1937-38	BUDGET- ESTIMATE, 1938-39	ACTUALS, 1937-38
		Rs.	Rs.	Rs.	Rs.
ORIGINAL WORKS		41,000	1,01,540	1,42,600	1,57,132
Repairs		3,00,000	3,17,700	3,10,000	1,73,187
Establishment		1,03,000	1,17,500	1,20,700	80,263
Tools and Plant		4,400	5,000	5,200	5,303
Suspense Account		...	...	...	...
Total		5,50,000	6,25,400	6,44,400	4,45,245

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IMPERIAL
MILITARY WORKS.

MADRAS.

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

	BUDGET-ESTIMATE, 1937-38.							REVISED ESTIMATE, 1938-39.	BUDGET-ESTIMATE, 1938-39.	ACTUALS, 1937-38.
	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.
In India	41,000	1,01,540	1,42,600	3,00,000	1,03,000	4,400	...	5,50,000	6,25,400	6,44,400
In England	...	...	...	...	...	...	...	...	...	...
Total	41,000	1,01,540	1,42,600	3,00,000	1,03,000	4,400	...	5,50,000	6,25,400	6,44,400
PROVISION FROM CONTRIBUTIONS.	...	...	...	...	...	...	...	...	...	...
In India	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL.	41,000	1,01,540	1,42,600	3,00,000	1,03,000	4,400	...	5,50,000	6,25,400	6,44,400

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

	BUDGET-ESTIMATE, 1937-38.						REVISED ESTIMATE, 1938-39.	BUDGET-ESTIMATE, 1938-39.	ACTUALS, 1937-38.
	ORIGINAL WORKS.			TOOLS AND PLANT.	SUSPENSE ACCOUNT.	TOTAL.			
	In progress.	Not commenced.	Total.						
Total	...	...	...	...	...	...	Rs. 2,000	...	Rs. 236

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IMPERIAL.
MILITARY WORKS.

PART
DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS A

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY MILITARY. <i>Original Works.</i>	Rs.
(1) Accommodation for troops— Buildings for European troops in the plains. Permanent.	West Coast.	Malapuram ...	1	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,35,802
Accommodation for Native troops.	Presidency.	Bangalore ...	2	Public buildings for a regiment of Native infantry.	21,636
	Trichinopoly	Trichinopoly	3	Construction of stone drains required for new lines.	...
Total .					...

MADRAS.

I.
ORIGINAL WORKS FOR THE YEAR 1887-88.
WORKS.

OUTLAY.		GRANT, 1887-88.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
1,14,981	8,315	11,000	...	11,000	1	G.O., No. 2305 W., dated 13th September 1886; No. 560 W., dated 24th February 1887. Item No. 1, class A works, budget of 1886-87. Supplemental estimate for Rs. 38,940 forwarded to the Government of India for sanction.
...	15,000	6,636	—	...	2	G.O., No. 2952 W., dated 20th November 1884. Item No. 11, class B works, budget of 1886-87.
...	1,000	5,140	...	11,776	3	Estimate is awaited. Item No. 13, class B works, budget of 1886-87.
...	...	22,776	...	22,776		

IMPERIAL
MILITARY WORKS.

PART
DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
(1) Accommodation for troops— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Collar maker and wheeler's shop, Royal Artillery.	5,663
	Nilgiri ...	Wellington ...	2	Quarters for three Apothecaries ...	...
	Do. ...	Do. ...	3	Quarters for a Barrack Serjeant ...	7,348
	Presidency.	Fort St. George.	4	Converting a racquet court into a covered gymnasium.	11,890
	Chingleput.	St. Thomas' Mount.	5	Removing and reconstructing 11 cook houses attached to P/1st, and Q/1st, Royal Artillery.	2,970
Accommodation for Native troops.	Presidency.	Bangalore ...	6	Public buildings for a regiment of Native cavalry.	30,990
	Do. ...	Do. ...	7	Store rooms and workshops for the Pioneer regiment.	4,740
(2) Ordnance Works ...	Bellary ...	Bellary ...	8	Twelve Staff Sergeants' quarters, Ordnance Department.	...
	Presidency.	Fort St. George.	9	Adapting the existing magazine for storage of powder for Fort armament.	...
	Do. ...	Madras ...	10	Coal store, Ordnance Department.	...
(8) Fortifications ...	North Arcot.	Vellore ...	11	Draw bridge and gate for the Fort	6,450
				Minor Works and Reserve ...	...
				Total ...	...
				Grand Total ...	...

MADRAS.

I—cont.
ORIGINAL WORKS FOR THE YEAR 1887-88.
WORKS.

OUTLAY.		GRANT, 1887-88.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	1,084	4,579	...	...	1	G.O., No. 914 W., dated 3rd April 1884. Item No. 3, class C works, budget of 1886-87.
...	...	...	16,000	...	2	Estimate is awaited.
...	3,213	4,135	...	...	3	G.O., No. 1941 W., dated 21st August 1885.
2,040	280	9,570	...	...	4	G.O., No. 1552 W., dated 20th June 1884. Item No. 17, class C works, budget of 1886-87.
...	...	...	2,970	37,254	5	G.O., No. 1111 W., dated 23rd April 1887.
...	...	...	10,000	...	6	G.O., No. 1302 W., dated 25th May 1886. Item No. 36, class C works, budget of 1886-87.
...	...	...	3,000	13,000	7	G.O., No. 524 W., dated 24th February 1887. Item No. 35, class C works, budget of 1886-87.
...	...	...	10,000	...	8	Estimate is awaited.
...	...	...	17,000	...	9	Do. do.
...	...	...	9,000	36,000	10	Do. do.
...	...	...	3,583	3,583	11	G.O., No. 528 W., dated 7th March 1885. Item No. 54, class C works, budget of 1886-87.
...	...	...	29,987	29,987		
...	...	18,284	1,01,540	1,19,824		
...	...	...	...	1,42,600		

IMPERIAL
MILITARY WORKS.

MADRAS.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON
APPENDIX
CLASS B

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.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
(1) Accommodation for troops—	Bellary	Bellary	1	Armourer's shop, 2nd Light Cavalry.	2,695
Buildings for European troops in the plains. Permanent.	Do.	Do.	2	A new gun-shed, Royal Artillery.	...
	Do.	Do.	3	Swimming-bath, British infantry.	7,644
	Do.	Do.	4	Infectious disease ward and cook-house, Station hospital.	6,140
	Do.	Do.	5	Alterations and additions to Military prison and adjoining buildings.	...
	Do.	Do.	6	Armourer's shop for the Arsenal...	...
	Nilgiri	Wellington	7	Gymnasium	...
	Do.	Do.	8	Constructing a new Lock hospital.	...
	Do.	Do.	9	Accommodation for a mountain battery.	...
	West Coast.	Calicut	10	Providing barrack accommodation for 100 men.	...
	Do.	Cannanore	11	Plunge-bath for European Infantry barracks.	4,640
	Do.	Do.	12	Improving latrines for European Infantry barracks.	2,780
	Do.	Do.	13	Improving the roof of regimental guard room, European Infantry barracks.	...
	Presidency.	Fort St. George.	14	Remodelling drainage	...
	Do.	Madras	15	Constructing coach-houses and stables on the esplanade in front of the Body Guard lines for use of officers in Fort St. George.	...
	Do.	Bangalore	16	Constructing V drains round the single men's blocks.	...
	Do.	Do.	17	Quarters for schoolmaster and schoolmistress.	10,240

OUTLAY.		AMOUNT APPLIED FOR 1887-88.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	2,695	...	1	G.O., No. 2266 W., dated 14th September 1881. Item No. 6, class C works, budget of 1886-87.
...	...	...	3,979	...	2	Estimate is awaited.
...	...	...	7,644	...	3	G.O., No. 2434 W., dated 19th October 1885. Item No. 4, class C works, budget of 1886-87.
...	...	...	6,140	...	4	G.O., No. 320 W., dated 7th February 1884. Item No. 5, class C works, budget of 1886-87.
...	...	...	11,260	...	5	Estimate is awaited. Item No. 2, class C works, budget of 1886-87.
...	...	...	4,630	...	6	Estimate is awaited.
...	...	...	10,000	...	7	Estimate is awaited. Item No. 7, class C works, budget of 1886-87.
...	...	...	4,180	...	8	Estimate is awaited. Item No. 9, class C works, budget of 1886-87.
...	...	...	10,000	...	9	Estimate is awaited.
...	...	...	...	...	10	Estimate is awaited. Amount not shown by the Military Department.
...	7	...	4,623	...	11	G.O., No. 418, dated 16th February 1876. Item No. 11, class C works, budget of 1886-87.
...	...	...	2,780	...	12	G.O., No. 1056 W., dated 4th April 1879. Item No. 12, class C works, budget of 1886-87.
...	...	...	5,060	...	13	Estimate is awaited.
...	...	...	10,000	...	14	Estimate is awaited. Item No. 13, class C works, budget of 1886-87.
...	...	...	15,770	...	15	Estimate is awaited.
...	...	...	7,830	...	16	Do. do.
...	...	...	10,240	...	17	G.O., No. 2384 W., dated 20th September 1886. Item No. 19, class C works, budget of 1886-87.

IMPERIAL
MILITARY WORKS.

MADRAS.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON
CLASS B

APPENDIX

B-cont.

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.
				IMPERIAL ORDINARY— cont.	Rs.
				MILITARY—cont.	
				Original Works—cont.	
(1) Accommodation for troops— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore ...	18	Now orderly room for 12th Lancers, or conversion of Quartermaster's stores into orderly room and stores.	...
	Do. ...	Do. ...	19	Quarters for Senior Apothecary, North Station hospital.	5,300
	Do. ...	Do. ...	20	Quarters for the Assistant Apothecary, North Station hospital.	4,773
	Chingleput.	St. Thomas' Mount.	21	A wheeler and collar maker's shop, West barracks.	5,660
	Do. ...	Do. ...	22	Sergeants' Mess for East barracks.	...
	Do. ...	Do. ...	23	General improvements to the drains of the cantonment.	...
	Do. ...	Do. ...	24	Quarters for three Medical Subordinates, Station hospital.	...
	Do. ...	Do. ...	25	Quarters for head-quarter's staff, Royal Artillery.	...
	Do. ...	Do. ...	26	Battery office for P/1st Royal Artillery.	...
	Do. ...	Do. ...	27	Raising the roof of harness rooms, troop lines.	4,200
	Do. ...	Do. ...	28	Wooden shed at the proof range ...	2,820
	Do. ...	Do. ...	29	Converting the disused gun shed between the North barracks and the main guard into a coffee shop, recreation room, and library.	2,520
	Do. ...	Pallavaram ...	30	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
	Do. ...	Poonamallee.	31	Improvements to the old barracks with possibility of obviating construction of the new.	...
	Do. ...	Do. ...	32	Warrant officers' quarters	...
	Do. ...	Do. ...	33	Two Staff Sergeants' quarters, first class.	...
	Do. ...	Do. ...	34	Coffee shop	...

OUTLAY.		AMOUNT APPLIED FOR 1887-88.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500	...	18	Estimate is awaited.
...	...	...	5,300	...	19	G.O., No. 3385 W., dated 27th November 1883. Item No. 20, class C works, budget of 1886-87.
...	...	...	4,773	...	20	G.O., No. 938 W., dated 5th April 1884. Item No. 21, class C works, budget of 1886-87.
...	...	...	5,660	...	21	G.O., No. 2717 W., dated 3rd November 1884. Item No. 24, class C works, budget of 1886-87.
...	...	...	6,000	...	22	Estimate is awaited.
...	...	...	10,000	...	23	Do. do.
...	...	...	8,000	...	24	Do. do.
...	...	...	12,000	...	25	Do. do.
...	...	...	5,000	...	26	Do. do.
...	...	...	4,200	...	27	G.O., No. 3137 W., dated 17th December 1881. Item No. 25, class C works, budget of 1886-87.
...	...	...	2,820	...	28	G.O., No. 3077 W., dated 13th December 1884. Item No. 26, class C works, budget of 1886-87.
...	...	...	2,520	...	29	G.O., No. 1234 W., dated 28th May 1885. Item No. 27, class C works, budget of 1886-87.
...	...	...	3,000	...	30	Estimate is awaited. Item No. 28, class C works, budget of 1886-87.
...	...	...	5,000	...	31	Estimate is awaited.
...	...	...	3,500	...	32	Do. do.
...	...	...	6,000	...	33	Do. do.
...	...	...	9,000	...	34	Do. do.

IMPERIAL MILITARY WORKS.

LIST OF WORKS OF CLASS C WORKS OBTAINED FROM THE ESTIMATE OF 1886-87, BY THE
CLASS B

APPENDIX

CLASS B

HEAD OF CLASSIFICATION.	IN OTHER DIVISION.	LOCATION.	ITEM No.	DESCRIPTION OF WORKS.	AMOUNT OF ESTIMATE.
					Rs.
IMPERIAL ORDINARY -					
MILITARY -					
General Buildings -					
(1) Accommodation for troops -	Vizagapatam	Vizagapatam	35	Representative house for Native Infantry, including storage for camp equipment.	3,150
Buildings for Native troops.	Bellary	Bellary	36	Storehouse for the Native Infantry regiment.	3,000
	West Coast, Do.	Quilon, Mangalore	37	Supply house.	...
			38	Pressing place for the use of the Native Infantry.	...
	Kanchi	Madras	39	Quarters for two Native Infantry companies and two for the Native Infantry house at Perambur.	...
	Do.	Do.	40	Pressing place for Native Infantry lines at Mayavaram.	4,300
	Chingleput.	Pallavaram	41	Magazine for a Madras Infantry regiment.	4,000
	Do.	Do.	42	Armourer's shop for a Madras Infantry regiment.	2,000
(2) Ordnance Works.	Trichinopoly Presidency.	Trichinopoly, Madras	43	Workshops for a Pioneer regiment.	...
	Do.	Do.	44	Compound wall round the Gunpowder Factory.	...
	West Coast, Presidency.	Calicut, Bangalore	45	Extra accommodation as storehouse in the Gunpowder Factory.	...
(3) Communication Buildings.			46	Mule and cattle shed.	...
	Do.	Do.	47	Quarters for a Gunpowder, Transport Department.	5,500
	Do.	Do.	48	Quarters for Ambulance Regiment, near the Gunpowder, Transport Department.	...
	Do.	Madras	49	Loose for transport attendants.	...
	Do.	Do.	50	Workshops and sheds for carts, bullocks, etc., Transport Department.	...
	Do.	Do.	51	Construction of a shed at the Camp at Mayavaram.	...

MADRAS.

B-est.

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

OUTLAY.		AMOUNT APPLIED FOR 1886-87.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-87.	Indicative during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,400	...	35	G.O. No. 2628 W., dated 27th October 1884. Item No. 32, class C works, budget of 1886-87.
...	...	...	3,000	...	36	G.O. No. 149 W., dated 17th January 1884. Item No. 33, class C works, budget of 1886-87.
...	...	...	20,000	...	37	Estimate is awaited.
...	...	...	6,000	...	38	Do. do.
...	...	...	3,000	...	39	Do. do.
...	...	...	4,300	...	40	G.O. No. 1397 W., dated 4th June 1884. Item No. 34, class C works, budget of 1886-87.
...	...	...	4,500	...	41	G.O. No. 334 W., dated 8th February 1883. Item No. 35, class C works, budget of 1886-87.
...	...	...	2,000	...	42	G.O. No. 3149 W., dated 22nd December 1884. Item No. 29, class C works, budget of 1886-87.
...	...	...	6,000	...	43	Estimate is awaited.
...	...	...	26,200	...	44	Estimate is awaited. Item No. 39, class C works, budget of 1886-87.
...	...	...	6,000	...	45	Estimate is awaited. Item No. 40, class C works, budget of 1886-87.
...	...	...	4,000	...	46	Estimate is awaited.
...	...	...	5,500	...	47	G.O. No. 932 W., dated 16th April 1886. Item No. 51, class C works, budget of 1886-87.
...	...	...	3,000	...	48	Estimate is awaited.
...	...	...	45,000	...	49	Estimate is awaited. Item No. 49, class C works, budget of 1886-87.
...	...	...	5,500	...	50	Estimate is awaited. Item No. 50, class C works, budget of 1886-87.
...	...	...	5,300	...	51	Estimate is awaited. Item No. 48, class C works, budget of 1886-87.

IMPERIAL.
MILITARY WORKS.

MADRAS.

LIST OF WORKS (OR CLASS C WORKS, OMITTED FROM THE BUDGET ESTIMATE OF 1887-88, BUT ON CLASS B

APPENDIX

CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS	AMOUNT OF ESTIMATE
IMPERIAL ORDINARY -					
MILITARY -					
MADRAS -					
(3) Commensal Buildings.	Presidency.	Teynampet ...	52	Construction of a wheel gate on ...	...
	Chingleput.	Guldy ...	53	Quarters for station but here at- tached to a hospital ...	...
(4) Staff and Miscellaneous.	Nilgiri ...	Ootacamund ...	54	Water supply. Lawrence's Asylum.	...
(5) Fortifications	West Coast.	Malaputram ...	55	Construction of fortifications.	...
	Presidency.	Fort St. George.	56	Repairing the ... of Fort St. George with ... and cement.	...
	Do.	Do.	57	Construction of ...	...
	Do.	Do.	58	Construction of ...	...

D-omit.

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

OUTLAY.		AMOUNT APPLIED FOR 1887-88.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,950	...	52	Estimate is awaited. Item No. 46, class C works, budget of 1886-87.
...	...	...	4,730	...	53	Estimate is awaited. Item No. 52, class C works, budget of 1886-87.
...	...	...	7,000	...	54	Estimate is awaited. Item No. 55, class C works, budget of 1886-87.
...	...	...	8,000	...	55	Estimate is awaited.
...	...	...	5,000	...	56	Do. do.
...	...	...	7,426	...	57	Estimate is awaited. Item No. 53, class C works, budget of 1886-87.
...	...	...	2,680	...	58	Estimate is awaited.

No 1177.

SUPERINTENDING ENGINEER'S OFFICE,

Bangalore V Circle, ~~Ministry~~
9 June 1887.

From

Colt H. M. Vibart Rd.
SUPERINTENDING ENGINEER,

V Circle

To

THE Chief Engineer,
P. W. Department.

Sir,

Enclosures.

With reference to G. O. No 1160W dated 28th April 1887, Para 3, I have the honor to report that the amount of Rs 4740 sanctioned for the Store rooms and Workshop for the Pioneer Regiment at Bangalore can be reduced by substituting brick in mud for stone in mortar and jungle-wood for teak wood, but the deviation would not be advantageous as it will cost as much if not more for repairs hereafter.

It would be well therefore if the original sanctioned estimate is carried out without deviation.

I have the honor to be
Sir

Your most obedient servant

Philip M. Vibart Esq.
Supt. Engineer, V Circle.

1857.86-c
98

6. 24. 6. 87.

Superintendent

1877
30

Superintending Engineer, will find it possible to reduce the estimate for the work from Rs 4740 to 2000 unless by some reduction of space allowed for the different shops which His Excellency would deprecate, being of opinion that not only are the shops as originally designed all essential, but that in view of the large amount of battery component in a Pioneer Regiment, and the frequent necessity of effecting repairs to the same, the addition of a fourth shop should be made to them.

The General Officer Commanding Bangalore Division has already been directed to submit a revised plan and estimate to include this additional shop.

Order communicated to the Public Works Department with reference to para 2 of P.G. 4536/24 dated 24 February 1887.

(True Extract)

Henry Herbert Briggs, General
Secretary to Government

The Public Works Department

11/11/87

1000
 1161
 17

No. 2128 C d/27 June 1887.

Referred to the
 Supdy. Engineer V circle,
 for early submission
 of the report called
 for in para. 3 of G.O.
 No 1161 W dated 28th
 April 1887.

By 21/6/87

Col. R.E.
 Secy. to Genl. P. W. B.

N-334 W 1/11/87
 - 1161 W 1/11/87

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Bangalore
 Bangalore, 27 July 1887

For the Supt. Engr. V Circle
 The Supt. Engr. V Circle

V Circle

For the Supt. Engr. V Circle
 The Supt. Engr. V Circle

Enclosure 1

The following are the
 enclosures to be submitted by the
 Engineer. Should the Engineer be able
 to submit the report by the 1st of
 August 1887, it will be a great help
 to the Government.

Yours faithfully
 Sir

W. H. B. R. S.
 Supt. Engr. V Circle
 Bangalore

Believing that the
Report contained in the
2nd Schedule, before
mentioned, is true,
and that

With reference to the remark
of the ~~Govt of India~~ ^{Government of India} contained in para-
graph 3 of resolution No. 607 M. S., dated 10th ¹⁸⁸⁷ ~~1886~~
March 1887, ^{that the provisions made}
for the store rooms and workshops for
the Pioneer Regiment at Bangalore
are not ^{so} too high and that no excess over
the budget allotment can be ^{permitted} ~~allowed~~,
I am directed to state that ~~in~~

The depth, length & breadth

No. 634 W Dated 22
 estimate of Rs. 4,000 was sanctioned.
 for the work and that no reduction can
 with advantage be effected in that
 estimate. As the budget grant for the
 work is Rs. 3,000 only, I am desirous to
 request that the Govt. of India may
 be pleased to permit expenditure
 being incurred to the extent of the
 sanctioned estimate.

11008
 24-6-87

183 g.w 1850w

B.F.P.

only work

No. 1359 W

PUBLIC WORKS DEPARTMENT

5/1/87

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 11 July/87

Read the following

from the Superintending Engineer, V Circle, F.E. No. 1177, of 9 June 87.
 Proceedings of Govt. in the Military Dept. No. 3633 of 21 June 87
 from the Suply Engineer, V Circle. - - - No. 1481, of 2 July 1887.

Ordered that the following

letter be sent to the Govt.
 of India, with reference to the
 remark in para 2(ii) of
 their resolution No. 607 M.W.
 dated 18 March 1887, on item
 No. 7, Class B works, in the
 trial issue of the Imperial
 Military works Budget
 for 1887-88.

P.L. No. 1160 W of 28 April 1887.

No. 1160 W of 28 April 1887.
 Public Works Department.
 Madras. By order, Secy.

H.E.

24/6

24/6/87

for
and
from
with
also
and
reg
by
being
see

H.E. F. M. M. 21/11/1857

The Secy. to the Govt. of India
Military Dept.

Sir,

With reference to the

remark in para 371 of

Govt. of India resolution

F. 607 M. M., dated 18th March

1857, to the effect that the

provision of Rs 3000 ^{in the Military Dept. Budget} made for

store rooms and workshops

for the Pioneer Regiment at

Bangalore, seems to high

and that no excess over the

budget allotment can be

permitted, I am directed

to state that the sanctioned

estimate for the work amounts

to Rs 4740, and to forward

Copies of letters from the Quarter

Master General, and

the

P. G. M. - 63612 27. 11. 1857
10. 11. 1857

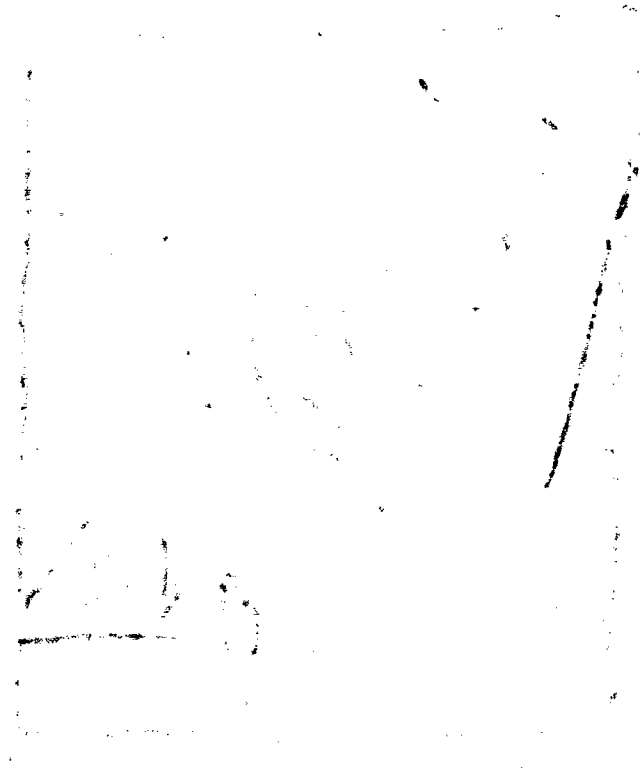
P. G. M. - 1857 10. 11. 1857

the Superintending Engineer,
V Circle, from which it will
be seen that not only can
no reduction in the estimate
be effected with advantage,
but that certain additional
work will be needed to meet
the requirements of the
regiment. I am therefore
to request that the conditions
attached to the Budget
grant may be withdrawn,
so that the work may be
proceeded with in accor-
dance with the estimate.
2. The favour of an
early reply is requested.

11/11/57

11/11/57

15700-3
25



1853
 17th July 1853

Store room & workshop
the Pioneer regiment at Hong Kong

At 2 1/2 p.m. 17th July
 The fort of Suban was
 addressed. With reference
 to the indent that the
 Pioneer regiment has been
 allowed of the 3000 for
 the — should the fort
 be taken place.

Store room & workshop
 for the Pioneer Regiment
 at Hong Kong.

The fort of Suban is open
 to permit expenditure
 being made up to the
 up to the 1st of the 11th
 which is the amount of
 the sanctioned, solvent.

1853

1853