(1) Number of pages 36.

(2) Date of repair 21.1.88

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. / B.P. No.	1941-W	Press. / Mis.
Dated	21-8-1885	~~198~~ .

A.H

Not to be folded or roughly handled

Archives 1--10,006 1 -80.

1941/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 31st July 1885, No. 2469-A :—

I have the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimate, plans, &c., below mentioned, which have been approved by the Commander-in-Chief. The plans and estimate have been countersigned :—

Abstract and detailed estimate, amounting to Rs. 7,348, for constructing quarters with out houses for the Barrack Sergeant at Wellington, with two plans and specification.

No. 4235, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

Ootacamund, 3rd August 1885. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col., Offg. Secretary to Government.

Order—dated 21st August 1885, No. 1941 W., Public Works.

The estimate, amounting to Rs. 7,348, for constructing quarters with outhouses for a Barrack Sergeant at Wellington is sanctioned for execution when funds are available.

2. This sanction has been registered as Imperial, Ordinary, No. 33 W. of 1885-86, and classified as Military, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with six enclosures.
„ Examiner, Public Works Accounts, with the original general abstract estimate.
„ Military Department.

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated August, 21st.

Recd. *Encl.*

G.O., 21st Aug. 1885, No. 1941 W.

AUGUST.

Quarters for Barrack Sergeant at Wellington

Estimate for —, sanctioned.

1941/2

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

25th November 1881, No. 2936 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 108. From Major-General A. CADELL, R.E., Inspector-General of Military Works, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 29th October 1881, No. 5668.

In continuation of Government of India Public Works Department letter No. 1028 of 30th September 1879, I have the honor to forward herewith thirty-two additional copies of each of the type plans and estimates detailed in the annexed list.

TYPE PLANS.

British Infantry Series—
Sheets Nos. 6 A, 6 B, 6 E, and 6 G, Half Company Barrack.

TYPE ESTIMATES.

Royal Artillery Series—
Lavatory for one Division of a Battery.
Cook-house for " " "
Latrine for " " "
" for two Divisions " "
British Infantry Series—
Married Men's Barrack, Class III.
Sergeant-Major's Quarters.
" " Cook-house.
" " Latrine.
Staff Sergeant's Quarters
" " Cook-house.
Latrines for Married Men's Barrack.
Covered passage to " "
Lavatory for one Company.
Cook-house for two Companies.

No. 109. ORDER THEREON, 25th November 1881, No. 2936 W.

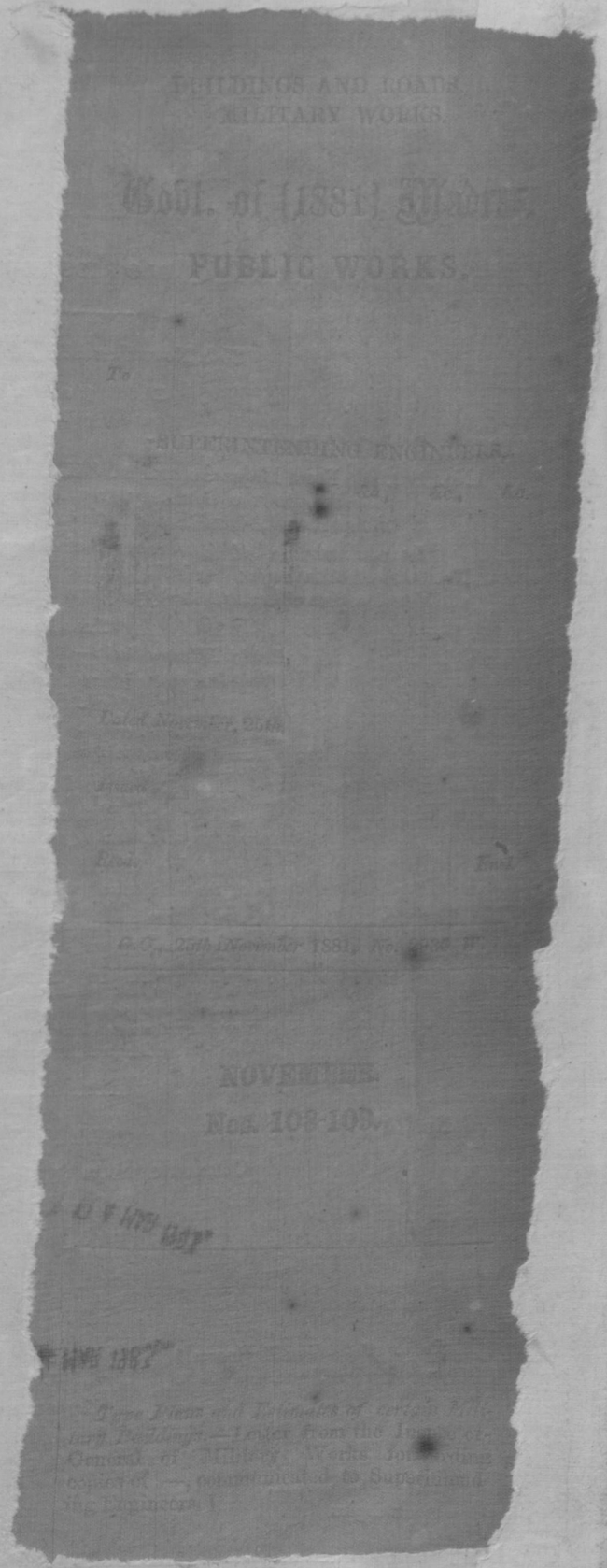
COMMUNICATED to Superintending Engineers.

(True Extract.)

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

To Superintending Engineers, } with copies of Type Plans and Estimates.
" the Military Department, }

Exd. E. C. Shunker.
Spare Copies



1941
3

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

22nd November 1881, No. 2914 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 101. From Major-General A. CADELL, R.E., Inspector-General of Military Works, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 29th October 1881, No. 5691.

I HAVE the honor to forward herewith 35 copies of each of the following type plans and estimates :—

TYPE PLANS.

Royal Artillery Series—

Nos. 5 A and 5 B, Married Men's Barracks.
Nos. 21 A and 21 B, Canteens.

British Infantry Series—

No. 48, Fire Engine Shed.
No. 71 E, School Latrines.

TYPE ESTIMATES.

British Cavalry Series—

School.

British Infantry Series—

Latrine for Staff Sergeants' Quarters.

Royal Artillery Series—

Staff Sergeants' Quarters for Brigade Head-quarters.

No. 102. ORDER THEREON, 22nd November 1881, No. 2914 W.

COMMUNICATED to Superintending Engineers.

(True Extract.)

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

To Superintending Engineers,
To the Military Department,
} with copies of type plans and estimates.

Exd. E. C. Shunker.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1881} Madras

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated November, 22nd.

Issued

Recd. *Encl.*

G.O., 22nd November 1881, *No.* 2914 *W.*

NOVEMBER.
Nos. 101-102.

Type Plans and Estimates of certain Military Buildings.—Letter from the Government of India forwarding — , communicated to Superintending Engineers.

PRELIMINARY ISSUE.

1941/14

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1884-85.

CHEPAUK,
19th December 1883.

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

IMPERIAL.
MILITARY WORKS.

MADRAS.

1941
5

CONTENTS.

	PAGE
Abstract of the Budget-Estimate of Revenue	2
Ditto ditto of Expenditure	2 & 3
Details of the Budget-Estimate of Expenditure—	
Part I.—Detail of Estimate for Original Works, Class A	4 & 5
Ditto ditto Class B	6 & 7
Appendix to above—	
Appendix B.—List of Class C Works	8 to 13

IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1884 TO 31st MARCH 1885.

——	Budget Estimate, 1884-85.	Revised Estimate, 1883-84.	Budget Estimate, 1883-84.	Actuals, 1882-83.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	32,000	30,000	30,000	28,273
In Civil and Military Departments	...	...	...	...
Total ...	32,000	30,000	30,000	28,273

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1884 TO 31st MARCH 1885.

——	Reference to Detailed Estimate.	Budget Estimate, 1884-85.	Revised Estimate, 1883-84.	Budget Estimate, 1883-84.	Actuals, 1882-83.
		Rs.	Rs.	Rs.	Rs.
Original Works. In progress ...	45...	96,480	2,04,000	1,00,000	2,48,365
Original Works. Not commenced.	67...	1,49,520		39,987	
Repairs ... Ordinary ...	...	2,75,000	2,72,500	2,75,000	2,92,955
Repairs ... Special ...	...	...	...	...	...
Establishment	...	1,21,200	1,11,100	96,988	1,11,767
Tools and Plant	...	7,800	7,200	6,225	7,221
Suspense Account	...	...	...	...	...
Total ...	...	6,50,000	5,94,800	5,18,200	6,60,308

IMPERIAL.
MILITARY WORKS.

MADRAS.
1941
6

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

——	BUDGET-ESTIMATE, 1884-85. Original Works. In progress.	Not commenced.	Total.	Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.	Revised Estimate, 1883-84.	Budget Estimate, 1883-84.	Actuals, 1882-83.
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	96,480	1,49,520	2,46,000	2,75,000	1,21,200	7,800	...	..	6,50,000	5,94,800	5,18,200	6,60,308
In England.	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	96,480	1,49,520	2,46,000	2,75,000	1,21,200	7,800	...	...	6,50,000	5,94,800	5,18,200	6,60,308
Provision from Contributions.												
In India ...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total.	96,480	1,49,520	2,46,000	2,75,000	1,21,200	7,800	...	...	6,50,000	5,94,800	5,18,200	6,60,308

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

——	BUDGET-ESTIMATE, 1884-85. Original Works. In progress.	Not commenced.	Total.	Tools and Plant.	Suspense Account.	Total.	Revised Estimate, 1883-84.	Budget Estimate, 1883-84.	Actuals, 1882-83.
				Nil.					

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY.	
				Military.	
				Original Works.	
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Chingleput.	St. Thomas' Mount.	1	New barracks for Royal Artillery...	1,30,870
	Coimbatore.	Malapuram ...	2	Barracks for detachment, British Infantry, to accommodate 100 men.	90,830
	Presidency.	Bangalore ...	3	Alterations and additions to washhouses for the British Infantry.	12,500
Buildings for Native Troops.	North Arcot.	Vellore ...	4	Armourer's shop for Native Infantry Regiment.	2,800
(2) Ordnance Works ...	Presidency.	Madras ...	5	Completing the emplacements and improving the store-rooms, &c., of the coast batteries.	42,320
	Do. ...	Fort St. George.	6	Armament of Fort St. George ...	42,035
	Do. ...	Madras ...	7	Improvements to the gunpowder factory.	2,28,252
(3) Commissariat Buildings.	Coimbatore.	Cannanore ...	8	Converting the old Artillery stables at Cannanore into a bakery, and sinking a well.	7,660
				Total ...	...

MADRAS.

1941
7

I.

ORIGINAL WORKS FOR THE YEAR 1884-85.

A WORKS.

Outlay.		Grant, 1884-85.			Item No.	Remarks and References.
Actual to end of 1882-83.	Probable during 1883-84.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
37,349	30,000	30,000	...	30,000	1	G.O., No. 1894 W., of 25th July 1882. Item No. 2 of class A works of budget of 1883-84.
10,547	40,000	38,000	...	38,000	2	G.O., No. 1840 W., of 18th July 1882. Item No. 3 of class A works of budget of 1883-84.
...	8,000	4,000	...	4,000	3	G.O., No. 1102 W., of 7th May 1880. Item No. 1 of class B works of budget of 1883-84.
...	820	1,980	...	1,980	4	G.O., No. 1547 W., of 20th June 1881.
...	30,000	10,000	...	10,000	5	G.O., No. 1661 W., of 13th June 1883. Item No. 34, appendix B of budget of 1883-84.
...	...	...	30,000	30,000	6	G.O., No. 2970 W., of 19th Oct. 1883. Item No. 2, class B works of budget of 1883-84.
1,98,737	16,935	10,000	...	10,000	7	G.Os., No. 187 W., dated 16th January 1883, No. 2073 W., of 30th July 1883, No. 2748 W., of 1st October 1883, and No. 3278 W., of 7th November 1883. Further estimates under preparation.
...	5,000	2,500	...	2,500	8	G. O., No. 2213 W., of 10th August 1883. Item No. 41, appendix B of budget of 1883-84.
...	...	96,480	30,000	1,26,480		

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY	
				Military.	
				Original Works.	
(1) *Accommodation for troops*— Buildings for European troops.	Presidency...	Fort St. George.	1	A covered gymnasium to be erected in the ball alley, European Regiment.	...
	Chingleput...	St. Thomas' Mount.	2	Constructing six blocks of stables for two field batteries of Royal Artillery.	20,160
	Bellary ...	Bellary ...	3	Water-supply to barracks, Royal Artillery and British Infantry.	...
	Do. ...	Do. ...	4	Drainage and improvements to barracks, British Infantry and Royal Artillery.	...
Buildings for Native troops.	Presidency...	Bangalore ...	5	Accommodation for Native Cavalry Regiment.	...
	Trichinopoly.	Trichinopoly...	6	Constructing public buildings in connection with the lines of 30th Regiment, Native Infantry.	12,350
	Bellary ...	Bellary ...	7	Armourer's shop, Light Cavalry ...	...
(2) Ordnance Works...	Presidency...	Bangalore ...	8	Constructing an ordnance dépôt within the fortified posts at Agram.	14,930
(3) Commissariat Buildings.	Nilgiris ...	Wellington ...	9	Bakery	...
	Presidency ...	Madras ...	10	Quarters for three Warrant and five Non-Commissioned officers of the Commissariat department.	26,740
(8) Fortifications.	Do. ...	Bangalore ...	11	Constructing a fortified post at Agram.	17,470
			12	Minor works	...
				Total ...	...

1941
8

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1884-85.

WORKS.

Outlay.		Grant, 1884-85.			Item No.	Remarks and References.
Actual to end of 1882-83.	Probable during 1883-84.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	9,000	9,000	1	Estimate awaited. Item No. 17, appendix B, budget of 1883-84.
...	...	...	10,000	10,000	2	G.O., No. 2747 W., of 1st October 1883.
...	...	...	3,000	3,000	3	Estimate awaited.
...	...	...	3,000	3,000	4	Do.
...	...	...	25,000	25,000	5	Estimate awaited. Item No. 24 of appendix B of budget of 1883-84.
...	...	...	4,500	4,500	6	G.O., No. 3328 W., of 5th November 1883. Item No. 32, appendix B of budget of 1883-84. Government of India asked to allot Rs. 10,000 in 1883-84—*vide* G.O., No. 2660 W., of 21st September 1883.
...	...	...	2,700	2,700	7	Estimate awaited.
...	...	...	13,000	13,000	8	G.O., No. 3060 W., dated 30th October 1883. Item No. 36, appendix B of budget of 1883-84.
...	...	...	5,000	5,000	9	Estimate awaited.
...	...	...	15,000	15,000	10	G.O., No. 1836 W., of 2nd July 1883. Item No. 45, appendix B of budget of 1883-84. Government of India asked to allot Rs. 10,000 in 1883-84—*vide* G.O., No. 2788 W., of 5th October 1883.
...	...	...	7,000	7,000	11	G.O., No. 3060 W., of 30th October 1883. Government of India asked to grant Rs. 10,000 for expenditure in 1883-84, in G.O., No. 3061 W., of 30th October 1883.
...	...	...	22,320	22,320	12	
...	...	...	1,19,520	1,19,520		

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, BUT FROM CLASS

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.	Presidency.	Fort St. George.	1	Armourer's shop for the European Infantry Regiment.	...
	Chingleput.	St. Thomas' Mount.	2	Plunge-bath for Royal Artillery ...	...
	Presidency.	Bangalore ...	3	Garrison gymnasium of the fourth class.	44,600
	Do.	Do. ...	4	Quarters for the Apothecary attached to the Station Hospital.	5,300
	Bellary ...	Bellary ...	5	Infectious disease ward of Station Hospital.	...
	Coimbatore.	Cannanore ...	6	Plunge-bath for British Infantry.	4,690
	Chingleput.	St. Thomas' Mount.	7	Coffee-shops, three in number, one for each—North, South, and the New Artillery Barracks.	...
	Coimbatore.	Malapuram ...	8	Gymnasium for a detachment of British Infantry.	...
	Chingleput.	Poonamallee...	9	Barracks for European troops at Poonamallee.	2,70,506
	Do.	St. Thomas' Mount.	10	Raising the main walls and renovating the roofing of the east and west harness-rooms.	...
	Bangalore.	Bangalore ...	11	Constructing stables for three batteries of Royal Horse Artillery and Field Battery.	...
	Coimbatore.	Cannanore ...	12	Improving latrines for the British Infantry.	2,780
	Bellary ...	Bellary ...	13	New gun-sheds with collar maker's and wheel-shop combined for the Royal Artillery.	...
	Presidency.	Bangalore ...	14	Quarters for an Assistant Apothecary, North Station Hospital.	...
	Do.	Fort St. George.	15	Purchase of Exchange House ...	70,000
Buildings for European troops on the hills.	Nilgiri ...	Wellington ...	16	Gymnasium for the Depôt ...	...
	Do. ...	Do. ...	17	Drainage pipe for the remaining block, the same as No. 5 block.	...
	Do. ...	Do. ...	18	Bath-room to wash-houses ...	3,120
	Do. ...	Do. ...	19	Female Hospital at the Wellington Depôt.	...
				Carried over ...	...

MADRAS.

1941/9

B.

ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION

B WORKS.

Outlay.		Grant, 1884-85.			Item No.	Remarks and References.
Actual to end of 1882-83.	Probable during 1883-84.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	...	1	Estimate awaited.
...	...	...	...	...	2	Do.
1,788	...	...	...	...	3	G.O., No. 1560, of 21st June 1876.
...	...	...	...	...	4	G.O., No. 3385 W., of 27th November 1883.
...	...	...	...	...	5	Estimate awaited.
...	...	...	...	...	6	G.O., No. 418, of 10th February 1876.
...	...	...	...	...	7	Estimate awaited.
...	...	...	...	...	8	Do.
50,989	9,335	...	...	...	9	G.O., No. 465 W., of 19th February 1879. Item No. 1 of Class A Works of Budget, 1883-84. Work held in abeyance.
...	...	...	...	...	10	Estimate awaited.
...	...	...	...	...	11	Do.
...	...	...	...	..	12	G.O., No. 1056, of 4th April 1879.
...	...	...	...	...	13	Estimate awaited.
...	...	...	...	...	14	Do.
61,600	...	...	...	...	15	G.Os., No. 751 W., of 18th March 1881, and No. 2724 W., of 19th October 1882.
...	...	...	...	...	16	Estimate awaited.
...	...	...	...	...	17	Do.
...	...	...	...	...	18	G.O., No. 1472 W., of 4th June 1874.
...	...	...	...	...	19	Estimate awaited.
...	...	...	...	...		

1

IMPERIAL.
MILITARY WORKS.

MADRAS.

1941
10

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, FROM CLASS B—*cont.*

BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION

B WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1882-83.	Outlay. Probable during 1883-84.	Grant, 1884-85. Works in progress.	Grant, 1884-85. Works not commenced.	Grant, 1884-85. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...							
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(1) *Accommodation for troops*— Buildings for European troops on the hills. Permanent.	Nilgiri ...	Wellington ...	~~20~~	Converting present cattle-shed into a latrine and constructing a covered passage, Lawrence Asylum.	~~2,700~~	...	...	...	...	...	~~20~~	G.O., No. 3383 W., of ~~21st December 1882~~.
	Do.	Do.	21	Drinking-water to be laid on to Hospital.	...	...	...	...	...	...	21	Estimate awaited.
	Do.	Do.	22	Quarters for a Warrant Officer or Staff Sergeant of the Barrack Department.	...	...	...	...	...	...	22	Do.
Buildings for Native troops.	Presidency.	Madras ...	23	New Regimental School at the Perambúr lines.	...	...	...	...	...	...	23	Do.
	Do.	Do.	24	Two latrines for the Regimental lines at Ráyapuram.	...	...	...	...	...	...	24	Do.
	Chingleput.	Pallávaram ...	25	One mortuary-room for each of the Store Hospitals Nos. 1 to 3.	...	...	...	...	...	...	25	Do.
	Do.	Do.	26	Regimental Magazine	...	...	...	...	...	...	26	Do.
	North Arcot.	Vellore ...	27	School-house for a Native Infantry Regiment.	...	...	...	...	...	...	27	Do.
	Presidency.	Bangalore ...	28	Accommodation for one Regiment of Native Infantry.	...	...	...	...	...	...	28	Do.
	Trichinopoly.	Trichinopoly...	29	Accommodation for a third Regiment of Native Infantry as above.	...	...	...	...	...	...	29	Do.
	Do.	Do.	30	Two latrines for Native Infantry Regiment.	...	...	...	...	...	...	30	Do.
	Coimbatore.	Quilon ...	31	Magazine for Native Infantry Barracks.	...	...	...	...	...	...	31	Do.
	Do.	Do.	32	Store-room for Native Infantry Barracks.	...	...	...	...	...	...	32	Do.
	Trichinopoly.	Trichinopoly...	33	School-room for 100 pupils of 30th Regiment, Native Infantry.	...	...	...	...	...	...	33	Do.
	Vizagapatam.	Vizagapatam.	34	Regimental store-room to be included as storeage for Camp Equipage.	...	...	...	...	...	...	34	Do.
	Chingleput.	Pallávaram ...	35	New line for one Native Infantry Regiment.	...	...	...	...	...	...	35	Do.
	Ganjam ...	Berhampore ...	36	Armourer's shop	...	...	...	...	...	...	36	Do.
	Trichinopoly.	Trichinopoly...	37	Four latrines for the 30th Regiment, Native Infantry.	...	...	...	...	...	...	37	Do.
				Carried over ...	...							

IMPERIAL.
MILITARY WORKS.

MADRAS.

1941
11

APPENDIX B.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, BUT ON 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 1882-83.	Outlay. Probable during 1883-84.	Grant, 1884-85. Works in progress.	Grant, 1884-85. Works not commenced.	Grant, 1884-85. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...								
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(1) *Accommodation for troops*—Buildings for Native troops. Permanent ...	Trichinopoly.	Trichinopoly ...	38	Proposed enlargement and constructing outer verandahs to 30th Regiment, Native Infantry Barracks.	...	...	...	...	...	...	38	Estimate awaited.
(2) *Ordnance Works* ...	Presidency.	Madras ...	39	Improvements to the barrel machine shop of the Gun Carriage Factory.	4,030	...	...	...	...	...	39	G.O., No. 2413 W., of 16th September 1882.
(3) *Commissariat Buildings.*	Do. ...	Do. ...	40	Quarters for Station Butcher ...	...	...	...	...	...	...	40	Estimate awaited.
	Chingleput.	Guindy ...	41	Converting the late Superintending Engineer's Office at Guindy into a Commissariat Slaughter-house.	11,800	...	...	...	...	...	41	G.O., No. 1399 W., of 12th May 1883.
	Presidency.	Madras ...	42	Sheds for public cattle and lines for their attendants.	...	...	...	...	...	...	42	Estimate awaited.
(5) *Stud*	Coimbatore.	Malapuram ...	43	Quarters for Commissariat Staff Sergeant.	...	...	...	...	...	...	43	Do.
	Salem ...	Hosúr ...	44	Purchase of Dr. Wells' house at Remount Depôt.	2,500	...	...	...	...	...	44	Do.
	Do. ...	Do. ...	45	Purchase of Farrier Sergeant's house at Remount Depôt.	1,510	...	...	...	...	...	45	Do.
(7) *General Cantonment Works.*	Nilgiri ...	Wellington ...	46	Water-supply improvements ...	...	...	...	...	...	...	46	Do.
						...	...	...	...	...		

1941
12

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From the Superintending Engineer, First Circle, dated 2nd October 1883.
Do. do. Second " " 6th " "
Do. do. Third " " 4th and 18th October 1883.
Do. do. Fourth " " 11th September 1883.
Do. do. " " " 25th October 1883, No. 468.
Do. do. Fifth " " 15th " " " 2555.
Do. do. " " " 2nd November " " 2758.
Do. do. " " " 9th " "
Do. do. Sixth " " 15th October "
Do. do. " " " 27th " " " 1511 T.J.

Office note from the Examiner of Public Works Accounts, dated 13th November 1883, No. 848.

Extract from the Proceedings of the Government of India, Military Department, dated Simla, 1st November 1883, No. 1091 M.W.

Distribution of the Imperial Grant for Military Works for 1884-85.

Resolution—

The following is the provisional distribution of the grant for 1884-85:—

	Rs.
Reserved with Government of India	3,00,000
Military Works Department	60,00,000
Bombay	12,50,000
Madras	6,50,000
Hyderabad	2,25,000
Central India	2,25,000
British Burma	3,25,000
Punjab	2,50,000
Rajputana	1,50,000
Central Provinces	1,75,000
Assam	2,50,000
Bengal	85,000
North-Western Provinces and Oudh	1,15,000

These grants include provision for any expenditure that may be incurred in England on stores for works classed as Military.

2. The Government of India leave it to the Local Governments and Administrations and the Inspector-General of Military Works, in communication with the local Military authorities respectively concerned, to allot the above grants to individual works as may appear most desirable.

3. 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 1884.

(Signed) G. CHESNEY,
Secy. to the Govt. of India.

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Chief Engineer and Secretary to Government, Public Works Department, dated Fort St. George, 12th December 1883, No. 8892.

Having submitted to the Commander-in-Chief your letter, No. 2233 C., dated 16th November 1883, I am desired to return the statement which accompanied it, and to offer the following observations.

2. The proposed grants shown in the statement in question leave unprovided for the following works in class "B" (of this office letter, No. 7336, dated 22nd October 1883), all of which His Excellency considered to be of more or less urgency, requiring to be provided for in the approaching year :—

	Rs.
Item No. 7.—Accommodation for a native infantry regiment, Bangalore	16,610
Item No. 10.—Drainage, barracks, Bellary	3,000
„ No 11.—Armourer's shop, Light Cavalry, Bellary	2,695
„ No. 12.— Do. do. Vellore	2,900
„ No. 14.—Accommodation, third native infantry regiment, Trichinopoly	14,280

3. Of these items, Nos. 10, 11 and 12, aggregating Rs. 8,595, might apparently be provided for out of a sum of Rs. 10,000 by which the balance of the estimate for the coast batteries, Madras, to be included in next year's allotments, should now be reduced, from Rs. 20,000, as in statement, to Rs. 10,000 only, in consequence of the recent transfer in the current year of Rs. 10,000 to that work from the work of mounting ordnance, Fort St. George.

4. His Excellency the Commander-in-Chief is aware that by this diversion of funds the full allotment of Rs. 40,000, in the coming year, to the work of mounting ordnance, Fort St. George, will be interfered with; but being of opinion that a fair proportion of the whole grant should be devoted to works of comparatively small cost, say, under Rs. 5,000, which otherwise have to be postponed from year to year (the particular works now in question are examples), he would prefer the indicated re-distribution of the sum mentioned in the coming year, leaving a portion of the work connected with mounting ordnance, Fort St. George, to be carried out in 1885-86.

5. Of the other two items, No. 14 may be removed from the list of works of immediate urgency, if the proposals made by His Excellency for the abolition of Poonamallee as a convalescent depôt are approved by Government, in which case the third regiment now destined for Trichinopoly would be sent to Poonamallee, where there would be ample public buildings for it.

6. Even so item No. 7 will remain to be provided for, and to meet this, Sir Frederick Roberts would urge the necessity of application being made to the Government of India for a special grant of funds, on the grounds that it is demanded by the unforeseen return to the Presidency of a regiment serving in Bengal. This regiment, wherever sent, would have to be provided with public buildings, and, in the opinion of His Excellency, it is undesirable any delay should be allowed to take place in meeting this present demand because before long the return of another regiment to the Presidency will involve similar provision having to be made elsewhere for a second regiment.

Order—dated 19th December 1883, No. 3644 W., Public Works.

In the Resolution read above the Government of India have provisionally fixed the Military grant of this Presidency for 1884-85 at Rs. 6,50,000, and have left the allotment of the grants to individual works to be fixed by the Local Government in communication with the local Military authorities.

1941
13

2. The distribution of the grant under departmental heads is as follows :—

		Rs.
Original	Major Works	2,23,680
	Minor Works	22,320
Repairs		2,75,000
Establishment		1,21,200
Tools and Plant		7,800
	Total ...	6,50,000

3. The allotment of the major works grant to works has received the approval of His Excellency the Commander-in-Chief; and the minor works and repairs allotments will be held at the disposal of Government, to be appropriated as may seem desirable early next year.

4. Plans and estimates for works entered under class B should be submitted by Superintending Engineers for sanction as early as practicable. Estimates for these and other works entered under class C have already been called for in G.O., No. 3002 W., of the 24th October 1883.

5. The works under class B are all considered of great urgency by His Excellency the Commander-in-Chief; and with the view of fully utilizing the grants assigned, estimates for such as have not yet been sanctioned should be prepared and forwarded without delay.

6. The Government of India will be addressed separately regarding the special grant required by His Excellency the Commander-in-Chief for the accommodation of a regiment of native infantry at Bangalore.

7. With these remarks, the Preliminary Issue of the Military Works Budget Estimate for 1884-85 is circulated for the information and guidance of the officers of the Public Works Department, and four copies will be forwarded to the Government of India as usual.

(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

GENERAL.
ACCOUNT.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated December, 19th.

Recd. *Encl.*

G.O., 19th Dec. 1883, No. 3644 W.

DECEMBER.

Military Works Budget Estimate for 1884-85

The Preliminary Issue of the — circulated with remarks.

Barracks and Buildings
Estimates.

QUARTERMASTER-GENERAL'S OFFICE,

Ootacamund, 31st July 1885.

No. 2469/A

1941/14

From

THE QUARTERMASTER-GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SIR,

I HAVE the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimate, plans &c., below-mentioned which have been approved by the Commander-in-Chief. The plans and estimate have been countersigned.

Abstract and Detailed Estimate amounting to Rs. 7348 for constructing quarters with out-houses for the Barrack Sergeant at Wellington, with 2 Plans and specification.

I have the honor to be,
Sir,
Your Obedient Servant,

N Edwards Brigadier General
Quarter Master General.

1941
15

G.G.No 2936 W. 25. 11. 81.
" " 2914 W. 22. 11. 81
" " 3644 W. 19. 12. 83

Rec'd 6931

Military (1885) Department.

No. 4504

From

THE QUARTERMASTER-GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

No. 2469/A

Dated 31st July 1885.
Recd. 1st August
Rec'd 6/8/85.

No. 4235

Approved and transferred to the Public Works Department for disposal

(By order)

A. Lt. Quartermaster Lieut. Colonel
Offg. Secy. to Government.

Qr. Mr. recommends
3rd August 1885

ENCLOSURES. 7 & 2 plans

Forwards plans & Estimates (Rs 7348) for constructing quarters for the Barrack Sergeant at Wellington —

To Bt.
for recommendation
pertinently
4-8-85

B. 14-8-85 R. 21-8-85.
Rec'd 3/8. R. to CB. 13-8-85 R. 14-8-85
Returned to B. 11-8-85 — R. 12/8/85

Buildings & Roads
No 1941 W

Public Works Department, 188 -8.

1941/16

Current No. 6931
Letter No. 4235
Dated the 3rd August '85
From the Secy to Govt — Military Dept

The doorway between Bath-room & dining room seems unnecessary. However that is a point of detail for S.E. And the basement is too low, in my opinion. —

Sanction.
CE.
12 8 85

B/T 8/14

NOTE OF REMARKS.

1. In obedience to G.O. No. 3002 W. of the 24th October 83 the accompanying plans and estimate are submitted for construction quarters with out-offices for a Barrack Sergeant — Wellington. — The estimate amounts to Rs. 7,348.

2. A report has not been submitted. — The quarters and cook-house are to be constructed on the lines of the designs for those buildings communicated with G.O. No. 2936 W. of the 25th Nov. 81; and the latrines on the lines of the type design for that building communicated with G.O. No. 2914 W. of the 22nd Nov. 81. — The Room building contains a sitting room 10 ft. 6 in. by 8 ft.; a

B. 14-8-85 R. 21-8-85

G.G. Jw 2936 W. 25. 11. 85.

Dec 1921

dining room 15 ft. x 10 ft.; a bed room 15 ft. x 10 ft.; and a bath room 10 ft. x 10 ft.; with a verandah 10 ft. wide at one end and a verandah 8 ft. wide at the other end. — The foundation is to be of concrete. The masonry except the arch work and such as is in contact with the doors and windows and the woodwork of the roof where it is to be brick in mortar, is to be brick in mud. The flooring of the sitting, dining and bed rooms is to be of teak planking over joists and dwarf walls; of the bath rooms, of concrete coated with asphalte; of the two verandahs, of paving tiles, 12 inches square, over concrete. The roofing of the rooms is to be of flat and pain tiles over teak wood rafters and reepers* — The masonry for kitchen and latrine is to be brick in mud; the roofing is to be of corrugated iron sheeting.

3. The plans and estimate have been countersigned by the Q.M.G. Genl.; and have been approved in the Mily. Department.

OSK 11th August 1885

* The verandahs are to be terraced.

Buildings & Roads
Military Works

PUBLIC WORKS DEPARTMENT.

No 1941 W

1941/17

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 21st August 85

READ the following

From the Quarter Master General - M. E. No: 2469/A dy 31st July 1885.
Endorsement by the Military Deptt. M. E. No: 4235 dy 3rd August 1885

The estimate amounting to Rs. 7,348, for constructing quarters with out-houses for a Barrack Sergeant at Wellington, is sanctioned for execution when funds are available.

2. This sanction has been registered as Imperial Ordinary No: 33 W of 1885-86, and classified as Military, Original Works.

CH.
15.8.85

19.8.85

To The Supdg. Engr. IV Circle with 6 encls. ✓
" Examiner P. W. Accts with the original general abstract estimate ✓
" Military Department. ✓

W 14/8.

20/8/85

CH
15.8.85

1941
18

69/31

Govt. of [1885] Madras.

PUBLIC WORKS.

Dated 22/8/85

Rcvd. Encl.

G.O., 21 Aug 1885, No. 1414

Quarters for Barrack Sergeant at Wellington

Letter —, sanctioned.

75 Copies
5 for Approval

1422/8

69/20