(1) பக்கங்களின் எண்ணிக்கை 38

(2) புதுக்கித் திருப்பிய நாள் 6/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(44)

தமிழ்நாடு அரசு

P. W. D. துறை

அரசாணை எண். 1671
மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

நாள் : 26. 6. 1889

19 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

19. Sheets

ஆவண கா-1—18,006—15-6-87.

1671

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 14th June 1889, No. 1822 A.

I am desired to report, for the information of Government, that the sum made available in G.O., No. 1159 W.,* dated 1st May 1889, for Minor New Works, Ordinary, has been distributed in the following manner:—

* Military Department No. 3699, dated 6th June 1889.

				Rs.
General Officer Commanding	Madras	District	... ...	5,000
Do.	do.	Bangalore	do.	4,200
Do.	do.	Southern	do.	3,000
Do.	do.	Belgaum	do. Late Ceded Districts	2,170
			Mangalore ...	630
			Total ...	15,000

No. 3936, Military.

Transferred to the Public Works Department.

(By order.)

OOTACAMUND,
17th June 1889.

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

ORDER—dated 26th June 1889, No. 1671 W., Public Works.

Communicated to officers concerned for information.

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated June, 26th.

Read. *Encl.*

G.O., 26th June 1889, No. 1671 W.

JUNE.

Minor New Works, Ordinary

Letter from the Quartermaster-General distributing the grant placed at the disposal of the Officers Commanding Districts under —, communicated to the officers concerned.

1671

15TH AUGUST 1888, No. 2482 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Colonel M. PROTHEROE, C.B., C.S.I., Officiating Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 4th August 1888, No. 2811 A.

Referring to G.O., Public Works Department, No. 1969 W., dated 2nd July, (communicated to the Commander-in-Chief under Military Department, No. 4972, dated 20th idem), I am desired to observe that funds, amounting to Rs. 1,663 as noted below, not being wanted for the purposes for which they are allotted in Statement B, will be available for distribution to General Officers Commanding Divisions and Districts in addition to the sum (Rs. 5,208) placed at their disposal in para. 4 of the Government order:

Work.	Allotted.	Required.	Balance available.	Remarks.
	Rs.	Rs.	Rs.	
Item No. 5, school at Berhampore ..	2,460	1,390	1,060	*Vide* letter from Superintending Engineer attached.
Do. ,, 28, bakery at Calicut	603	*Nil*	603	As the proposed conversion was found objectionable on sanitary grounds.
Total ..	3,063	1,390	1,663	

2. His Excellency has accordingly distributed the total amount (Rs. 6,871) in the following manner:

			Rs.
General Officer Commanding,		Eastern District	1,850
Do.	do.	Southern do.	1,750
Do.	do.	Bangalore Division	1,650
Do.	do.	Ceded Districts	1,350
Do.	do.	Belgaum District for Mangalore ...	271
		Total ...	6,871

No. 5355, Military.

Transferred to the Public Works Department.

(By Order.)

OOTACAMUND, 6th August 1888. (Signed) A. KENNEY-HERBERT, Brigdr.-Genl., Secretary to Government.

ORDER—dated 15th August 1888, No. 2482 W., Public Works.

Communicated to officers concerned with the remark that the transfers of funds referred to by His Excellency the Commander-in-Chief are approved.

(True Extract.)

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

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

Exd. F. R. Bantleman.
Spare Copies

1671

3

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated August, 15th.

Recd. *Encl.*

G.O., 15th Aug. 1888, No. 2482 W.

AUGUST.

Funds

The distribution of the — available under Imperial, Military Minor Works, to General Officers commanding divisions and districts, communicated to the officers concerned with remarks.

FINAL ISSUE.

1671

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1889-90.

CHEPÂK,
1st May 1889.

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

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IMPERIAL.
MILITARY WORKS.

MADRAS.

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Ditto ditto of Expenditure	3
Details of the Budget-Estimate of Expenditure—	
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Ditto ditto Class B	6 & 7
Appendix to above—	
Appendix B.—List of Class C Works	8 to 17

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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 1889 TO 31st MARCH 1890.

——	Actuals, 1887-88.	Budget-Estimate, 1888-89.	Revised Estimate, 1888-89.	Budget-Estimate, 1889-90.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	26,973	27,800	27,000	27,000
In Civil and Military Departments	...	...	...	...
Total ...	26,973	27,800	27,000	27,000

CHARGES.

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

——	Reference to Detailed Estimate.	Actuals, 1887-88.	Budget-Estimate, 1888-89.	Revised Estimate, 1888-89.	Budget-Estimate, 1889-90.
		Rs.	Rs.	Rs.	Rs.
Original Works { In progress / Not commenced }	...	1,30,574	2,08,550	2,06,600	1,04,842 / 1,48,408
Repairs ... ... { Ordinary / Special }	...	2,93,110	3,00,000	3,03,900	2,95,650
Establishment	...	98,303	1,08,755	1,09,200	1,27,600
Tools and Plant	...	6,323	6,995	7,000	8,200
Suspense Account	...	...	...	...	...
Total ...	...	5,28,310	6,24,300	6,26,700	6,84,700

IMPERIAL.
MILITARY WORKS.

1621

MADRAS.

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

——	Actuals, 1887-88.	Budget-Estimate, 1888-89.	Revised Estimate, 1888-89.	Budget-Estimate, 1889-90.								
				Original Works.			Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.
				In progress.	Not commenced.	Total.						
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	5,28,310	6,24,300	6,26,700	1,04,842	1,48,408	2,53,250	2,95,650	1,27,600	8,200	...	...	6,84,700
In England.	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	5,28,310	6,24,300	6,26,700	1,04,842	1,48,408	2,53,250	2,95,650	1,27,600	8,200	...	...	6,84,700
Provision from Contributions.												
In India ...	3,726	...	...	...	...	...	...	...	...	...	...	...
Grand Total ...	5,32,036	6,24,300	6,26,700	1,04,842	1,48,408	2,53,250	2,95,650	1,27,600	8,200	...	...	6,84,700

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

——	Actuals, 1887-88.	Budget-Estimate, 1888-89.	Revised Estimate, 1888-89.	Budget-Estimate, 1889-90.					
				Original Works.			Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.			
				Nil.					

b

IMPERIAL.
MILITARY WORKS.

1621 MADRAS.

PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1889-90.

CLASS A WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1887-88.	Outlay. Probable during 1888-89.	Grant, 1889-90. Works in progress.	Grant, 1889-90. Works not commenced.	Grant, 1889-90. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				MILITARY.								
				Original Works.								
1. *Accommodation for troops*—Buildings for European troops in the plains. Permanent.	West Coast.	Malapuram ...	1	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,91,412	1,39,673	20,234	20,000	...		1	G.O., No. 3737 W., dated 27th November 1888. Item No. 2, class A works, budget of 1888-89.
	Chingleput.	Poonamallee ...	2	New barracks	1,66,885	6,607	20,000	30,000	...		2	G.O., No. 465 W., dated 19th February 1879. Revised estimate is awaited. Item No. 2, class B works, budget of 1888-89.
	Nilgiri ...	Wellington ...	3	Quarters for three Apothecaries ...	16,000	...	14,500	1,500	...		3	G.O., No. 2448 W., dated 13th August 1888. Item No. 1, class B works, budget of 1888-89.
	Presidency.	Fort St. George	4	Converting the old Adjutant-General's office into barracks for single men.	25,097	15,586	3,820	5,400	...	56,900	4	G.O., No. 3000 W., dated 9th November 1887.
Buildings for Native troops.	Do.	Bangalore ...	5	Additions to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	30,346	21,903	3,210	5,000	...	5,000	5	G.O., No. 3237 W., dated 12th October 1888. Item No. 3, class A works, budget of 1888-89.
2. *Ordnance works* ...	Bellary ...	Bellary ...	6	New workshops for the Arsenal ...	45,500	6,889	22,650	15,992	...	15,992	6	G.O., No. 2527 W., dated 17th August 1888. Item No. 5, class B works, budget of 1888-89.
				Total ...	...	...	...	77,892	...	77,892		

PART

DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS B

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

1—*cont.*

ORIGINAL WORKS FOR THE YEAR 1889-90.
WORKS.

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

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IMPERIAL.
MILITARY WORKS.

1621 MADRAS.

APPENDIX B.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, 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 1887-88.	Outlay. Probable during 1888-89.	Amount applied for 1889-90. Works in progress.	Amount applied for 1889-90. Works not commenced.	Amount applied for 1889-90. Total.	Item No.	Remarks and References.
				IMPERIAL ORDINARY.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				MILITARY.								
				Original Works.								
1. *Accommodation for troops*—	Bellary ...	Bellary ...	1	Swimming-bath, British Infantry.	7,644	...	...	...	7,644		1	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1888-89.
Buildings for European troops in the plains. Permanent.	Do. ...	Do. ...	2	Alterations and additions to the military prison.	...	...	...	...	3,980		2	Estimate is awaited. Item No. 2, class C works, budget of 1888-89.
	Do. ...	Do. ...	3	Guard-room for the station hospital.	4,290	...	...	...	4,290		3	G.O., No. 1384 W., dated 17th May 1888.
	Do. ...	Do. ...	4	Infectious disease ward, cook-house and station hospital.	6,140	...	...	...	6,140		4	G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1888-89.
	Do. ...	Do. ...	5	Purveyor's quarters for the station hospital.	3,046	...	...	...	3,046		5	G.O., No. 771 W., dated 7th March 1888.
	Do. ...	Do. ...	6	Reroofing verandah of marriage range, European Infantry Barracks.	13,307	...	...	...	13,307		6	G.O., No. 3420 W., dated 15th December 1887.
	Nilgiri ...	Wellington ...	7	Quartermaster's stores and office for British Infantry Regiment.	...	...	...	...	25,000		7	Estimate is awaited.
	Do. ...	Do. ...	8	A ward to accommodate 35 men, station hospital.	...	...	...	...	20,000		8	Do.
	Do. ...	Do. ...	9	Gymnasium, 2nd Royal Fusiliers.	...	...	...	...	10,000		9	Estimate is awaited. Item No. 8, class C works, budget of 1888-89.
	Do. ...	Do. ...	10	Quarters for three hospital purveyors.	4,750	...	...	...	4,750		10	G.O., No. 615 W., dated 21st February 1888. Item No. 49, class C works, budget of 1888-89.
	Do. ...	Do. ...	11	Constructing hut barracks for 500 men.	...	...	...	...	10,000		11	Estimate is awaited.
	Do. ...	Ootacamund...	12	Quarters for a Sub-Conductor attached to the Army headquarters.	...	...	...	...	7,500		12	Do.
	Do. ...	Do. ...	13	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant Instructors, N.V. Rifles.	3,600	...	...	...	3,600		13	G.O., No. 1068 W., dated 9th April 1888.
	West Coast.	Calicut ...	14	A new barrack with subsidiary buildings for 30 men.	...	...	...	...	20,000		14	Estimate is awaited. Item No. 9, class C works, budget of 1888-89.
	Presidency...	Bangalore ...	15	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...	...	...	...	3,000		15	Estimate is awaited.
	Do. ...	Do. ...	16	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240	...	...	...	10,240		16	G.O., No. 2384 W., dated 20th September 1886. Item No. 28, class C works, budget of 1888-89.

APPENDIX

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

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

B—*cont.*

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

Outlay.		Amount applied for 1889-90.			Item No.	Remarks and References.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500		17	Estimate is awaited. Item No. 29, class C works, budget of 1888-89.
...	...	...	5,680		18	G.O., No. 2906 W., dated 17th September 1888. Item No. 30, class C works, budget of 1888-89.
...	...	...	3,100		19	Estimate is awaited. Item No. 31, class C works, budget of 1888-89.
...	...	...	5,300		20	G.O., No. 3385 W., dated 27th November 1883. Item No. 34, class C works, budget of 1888-89.
...	...	...	4,773		21	G.O., No. 938/2 W., dated 5th April 1884. Item No. 35, class C works, budget of 1888-89.
...	...	...	25,000		22	Estimate is awaited.
...	...	...	2,500		23	Do.
...	...	...	4,500		24	Do.
...	...	...	10,070		25	Estimate is awaited. Item No. 25, class C works, budget of 1888-89.
...	...	...	15,770		26	Estimate is awaited. Item No. 26, class C works, budget of 1888-89.
...	...	...	3,500		27	Estimate is awaited. Item No. 11, class C works, budget of 1888-89.
...	...	...	6,000		28	Estimate is awaited. Item No. 12, class C works, budget of 1888-89.
...	...	...	9,000		29	Estimate is awaited. Item No. 13, class C works, budget of 1888-89.
...	...	...	3,000		30	Estimate is awaited. Item No. 14, class C works, budget of 1888-89.
...	...	...	5,660		31	G.O., No. 2717 W., dated 3rd November 1884. Item No. 15, class C works, budget of 1888-89.

APPENDIX

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

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

B—*cont.*

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

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

APPENDIX

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

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
3. *Commissariat buildings.*	Nilgiri ...	Wellington ...	49	Quarters for a Milling Engineer, Commissariat Department.	...
	West Coast.	Calicut ...	50	A bakery	...
	Do. ...	Malapuram ...	51	Cattle-shed for the Commissariat Department.	...
	Do. ...	Do. ...	52	Sheds for 12 bullocks and 10 mules.	2,824
	Do. ...	Calicut ...	53	Sheds for transport animals ...	8,255
	Chingleput.	Guindy ...	54	Quarters for the station butcher attached to the slaughter-house.	3,600
	Do. ...	Saidápet ...	55	Constructing a new road from the Mount Road direct to the slaughter-house.	3,468
	Presidency.	Madras ...	56	Workshops and sheds for carts and cattle, Transport Department.	...
	Do. ...	Do. ...	57	Mule-shed at Transport lines, Pudupet.	...
	Do. ...	Do. ...	58	Quarters for two Staff Sergeants at Pudupet.	...
	Do. ...	Do. ...	59	Quarters for a Conductor, Commissariat Department.	...
	Do. ...	Do. ...	60	Constructing a wheat godown at Teynampet.	...
	Do. ...	Bangalore ...	61	Quarters for a Conductor, Transport Department.	5,800
	Do. ...	Do. ...	62	Quarters for an Ambulance Sergeant near Cattle lines, Transport Department.	...
4. *Staff and Miscellaneous.*	Nilgiri ...	Ootacamund...	63	Water-supply, Lawrence Asylum.	12,350
	Do. ...	Do. ...	64	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
7. *General Cantonment works.*	Bellary ...	Guntakal ...	65	New rest-house and site for the rest-camp.	...

B—*cont.*

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

Outlay.		Amount applied for 1889-90.			Item No.	Remarks and References.
Actual to end of 1887-88.	Probable during 1888-89.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	7,500		49	Estimate is awaited.
...	...	...	6,860		50	Do.
...	...	...	4,000		51	Estimate is awaited. Item No. 50, class C works, budget of 1888-89.
...	...	...	2,000		52	G.O., No. 1245 W., dated 27th April 1888.
...	1,310	...	6,945		53	G.Os., No. 3302 W., dated 17th October 1888, and No. 675 W., dated 8th March 1889.
...	...	...	3,600		54	G.O., No. 1259 W., dated 30th April 1888. Item No. 52, class C works, budget of 1888-89.
...	...	...	3,468		55	G.O., No. 534 W., dated 16th February 1888.
...	...	...	20,000		56	Estimate is awaited. Item No. 55, class C works, budget of 1888-89.
...	...	...	11,210		57	Estimate is awaited.
...	...	...	3,500		58	Do.
...	...	...	4,000		59	Estimate is awaited. Item No. 56, class C works, budget of 1888-89.
...	...	...	5,950		60	Estimate is awaited. Item No. 57, class C works, budget of 1888-89.
...	...	...	5,800		61	G.O., No. 992 W., dated 16th April 1886. Item No. 53, class C works, budget of 1888-89.
...	...	...	3,000		62	Estimate is awaited. Item No. 54, class C works, budget of 1888-89.
...	...	...	12,350		63	G.O., No. 2139 W., dated 14th July 1888. Item No. 62, class C works, budget of 1888-89.
...	...	...	3,000		64	G.O., No. 2139 W., dated 14th July 1888.
...	...	...	6,699		65	Estimate is awaited.

12

APPENDIX.

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

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				Brought forward ...	
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
	Presidency.	Bangalore ...	66	Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	2,846
7. *General Cantonment works.*	Presidency.	Bangalore ...	67	Drainage, British Infantry Barracks.	8,112
	Do. ...	Fort St. George	68	Remodelling the drainage ...	...
	Do. ...	Madras ...	69	Flushing drains of Native Infantry lines at Ráyapuram.	4,300
	Chingleput.	St. Thomas' Mount.	70	General improvements to the drains of the cantonment.	...
8. *Fortifications* ...	West Coast.	Malapuram ...	71	Constructing a fortified post ...	8,248
	North Arcot.	Vellore Fort...	72	Constructing draw-bridge ...	6,450
	Presidency.	Fort St. George	73	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	74	Constructing a draw-bridge at the north gate.	4,487
	Do. ...	Do. ...	75	Demolition of out-houses, clearance of ditch and completion of walls.	...

B—*cont.*

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

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

13

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

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

Madras.

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

Read—

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

Resolution—

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

XXXI—Revenue.

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

44—Expenditure.

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

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

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

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

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

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

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

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

—	Actuals, 1887-88.	Budget estimate, 1888-89.	Revised estimate, 1888-89.	Budget estimate, 1889-90.
	Rs.	Rs.	Rs.	Rs.
Original works { In progress	1,30,574	2,08,550	2,15,100	1,12,800
Original works { Not commenced				1,36,100
Repairs	2,93,110	3,00,000	2,93,400	3,00,000
Total, Works and Repairs ...	4,23,684	5,08,550	5,08,500	5,48,900
Establishment	98,303	1,08,755	1,08,700	1,27,600
Tools and plant	6,323	6,995	7,000	8,200
Add net modification made subsequent to the preparation of the revised estimate (to be distributed over departmental heads in final issue).	...	...	2,500	...
Total ...	5,28,310	6,24,300	6,26,700	6,84,700

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

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

Order—

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

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

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

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

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

(1) Improving the sanitation of the lines of Native troops.
(2) New barracks at Poonamallee.
(3) Barracks for British Infantry at Malapuram.

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

of the lines of Native troops), it being understood that the required grant (Rs. 20,000) for this purpose for the current year can only be met by the adoption of one or other of the courses above referred to, unless any portion of it could be otherwise provided for, the Commander-in-Chief is prepared to surrender this year the grants for the works noted in the margin; but, as the total amount allotted for these works would fall short of the sum required by Rs. 3,301, His Excellency trusts the Government will be pleased to sanction the difference being met from some other available source—as in his opinion there is no other work which can conveniently be postponed,—and in doing so would beg to draw attention to the fact that the sum of Rs. 20,000 will probably be required for improving the sanitation of Native lines at stations outside the civil limits of the Madras Presidency (viz., Secunderabad, Belgaum, &c.), as well as at those situated within such limits, and for this reason he thinks that the difference of Rs. 3,301 above mentioned should more properly be met from funds placed at the disposal of local administrations at Secunderabad, Belgaum, &c., than from the Madras Public Works budget.

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

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

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

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

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

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

To Simla	20
„ Calcutta	25
Total ...	45

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

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

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

4. In para. 4 of their Resolution the Government of India have decided that provision to the extent of Rs. 20,000 should be made for improving the sanitation of the lines of Native troops. A sum of Rs. 16,699 has accordingly been provided for the purpose by withdrawing the allotments made in the preliminary issue for the marginally-noted works. As the Quartermaster-General reports that the sum of Rs. 20,000 will probably be required for improving the sanitation of Native lines at stations outside the civil limits of the Madras Presidency, viz., Secunderabad, Belgaum, &c., as well as at those situated within such limits, and that the difference (Rs. 3,301) should more properly be met from funds placed at the disposal of the local Administrations concerned than from the Madras Public Works budget, the Government of India will be requested, on receipt of the necessary particulars from the Quartermaster-General, to direct the Administrations concerned to make the necessary provision from the grants at their disposal.

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

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

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

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

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

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

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

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

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

(True Extract.)

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

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

Exd. J. Henricus.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated May, 1st.

Recd. *Encl.*

G.O., 1st May 1889, No. 1159 W.

MAY.

Imperial Military Works
Budget for 1889-90

Orders circulating the final issue of the —.

Form No. 7 B.

HEADING Accounts
Budget Estimate.

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

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund,
14th June 1889.

No. 1822 A.

From

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

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SIR,

I am desired to report for the information of Government, that the sum made available in G.O. No. 1159 W dated 1st May 1889 for Minor New works Ordinary, has been distributed in the following manner.

Military Dept. No. 3699 dated 6 June 1889.

		Rs.
General Officer Commanding	Madras District	5000
"	Bangalore District	4200
"	Southern District	3000
General Officer Commanding Belgaum District	Late Ceded Districts	2170
	Mangalore	630
	Total Rupees	15,000

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

M. Protheroe
Brigadier General,
Qr. Master General.

81

1697

P.C. [illegible] 15.6.89.

P.5.6.6.1889 no 3699 R.
P.C. 3.9.1888 no 5979 R.
P.W.C. No: 5011

Military (1889) Department.

No. 1212

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SECRETARY TO GOVERNMENT
18 JUN. 89
MILITARY DEPARTMENT MADRAS

Dated 14 } June 1889.
Received 15 }

ENCLOSURES.

Gives the ammunition placed at the disposal of G.O.C. Districts for Immediate Works Ordinary

R 20.6.89

A-3936. Transferred to the Public Works Department.

(Byrden)

A Keane Herbert D. Br Gal
Secy to Government

Ootacamund. 17th June 1889.

B.H.Q.
No 1671 A of 20th June 1889.

Communicated to Officers concerned for information

Communicated to Officers concerned for information

21.6.89

22.6.89

Inv.
Supg. Engrs.
Elec. P. Wodeal
Ens.

JD 417

The Examiner of P.W. Accts

Mjr

D/21/6.

[671]

19

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated

Rcvd. Encl.

G.O. 26 June 1889 No. 1671 W

Minor new Works,

=

Ry Survey.

=

Letter from the Govt. Journal distributing the grant placed at the disposal of the Officers Commanding Districts under —, com^d to the Officers concerned.

(19) 140/3

F 26/6 - 26/6