(1) பக்கங்களின் எண்ணிக்கை 64

(2) புதுக்கித் திருப்பிய நாள் 2/90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. மே D துறை

அரசாணை எண்.	அச்சகம்
மு. கோப்புத் தாள் எண். 2612	பலவகை

நாள் : 20 — 9 — 1887 (198)

படிக்கவோ கண்டபடி கையாளவோ கூடாது

32. Sheets

ஆவண. கா-I—18,000—15-6-87.

2612

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Major-General R. F. LOWIS, Director-General of Ordnance in India, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 27th August 1889, No. 3412 E.

I have the honor to state that an estimate, amounting to Rs. 1,283, for constructing a timber shed in the Bellary Arsenal has been approved and returned to the Inspector-General of Ordnance, Madras Circle, for further necessary action.

2. In the final issue of the Imperial Budget estimate of Military works of the Government of Madras, Public Works Department, for the year 1889-90, the timber shed is shown as a Major work and Rs. 2,590 provided for its execution. As, however, the cost, according to the detailed estimate, is only Rs. 1,283 it will come within the classification of Minor works. I have, therefore, to request that of the sum of Rs. 1,307 remaining unappropriated, Rs. 494 may be placed at the disposal of the Inspector-General of Ordnance, for allotment at his discretion, to such other Minor works as are urgently required but could not be executed for want of funds.

3. As regards the balance, Rs. 813, it is proposed to transfer it (together with Rs. 195 on account of percentage on Establishment, tools and plant) to Burma for erecting a reverberatory air furnace urgently required in the Rangoon Arsenal. The Government of India have been addressed on the subject.

4. The necessary provision on account of the percentage on Establishment, tools and plant on Rs. 2,590 having already been made in the sum of Rs. 14,700 allotted for this purpose (*vide* my letter, No. 35-Tour, dated Calcutta, the 4th December 1888, to your address), no deduction need be made from Rs. 2,590 for these charges either in respect to the proposed transfer of Rs. 813 to Burma, or Rs. 494 requested to be placed at the disposal of the Inspector-General of Ordnance.

5. The percentage on Rs. 813 will be transferable from the sum of Rs. 14,700 referred to in the preceding paragraph.

ORDER—dated 20th September 1889, No. 2612 W., Public Works.

In the final issue of the Military Works Budget estimate for 1889-90, a sum of Rs. 2,590 was provided under Major works for the construction of a timber shed in the Bellary Arsenal. In para. 2 of his letter above recorded, the Director-General of Ordnance reports that the work will fall within the classification of Minor works as the estimate amounts to only Rs. 1,283, and requests that Rs. 494 may be placed at

the disposal of the Inspector-General of Ordnance for allotment to Minor works. A sum of Rs. 1,777 will accordingly be transferred from Major to Minor works out of the budget allotment of Rs. 2,590.

2. As regards the transfer to Burma of the balance, Rs. 813, together with the percentage charges for Establishment and Tools and Plant, referred to in para. 3 of the Director-General's letter, the orders of the Government of India will be awaited.

(True Extract.)

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

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
" Military Department.
" Director-General of Ordnance.

Exd. P. L. Pereira.
Spare Copies

2612

2

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated September, 20th.

Read. *Encl.*

G.O., 20th Sept. 1889, No. 2612 W.

SEPTEMBER.

Timber Shed in the Bellary Arsenal

Orders on letter from the Director-General of Ordnance requesting that the excess amount allotted for the — may be transferred from Major to Minor works and allotted for other works.

PRELIMINARY ISSUE.

2612

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1889-90.

CHEPÂK,
18th December 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

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IMPERIAL.
MILITARY WORKS.

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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 }	...	1,30,814	2,08,550	2,15,092	1,12,842 / 1,36,058
Repairs ... ... { Ordinary / Special }	...	2,96,596	3,00,000	2,93,400	3,00,000
Establishment	...	98,303	1,08,755	1,08,742	1,27,600
Tools and Plant	...	6,323	6995	6,994	8,200
Suspense Account	...	...	...	...	...
Total ...	...	5,32,036	6,24,300	6,24,228	6,84,700

IMPERIAL.
MILITARY WORKS.

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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	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	...	6,84,700
In England.	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	5,28,310	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	1,27,600	8,200	...	...	6,84,700
Provision from Contributions.												
In India ...	3,726	...	...	...	...	...	...	...	...	...	...	...
Grand Total...	5,32,036	6,24,300	6,24,228	1,12,842	1,36,058	2,48,900	3,00,000	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.					

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS A

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY.	
				Military.	
				Original Works.	
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
	Chingleput.	Poonamallee ...	2	New barracks	1,66,885
	Nilgiri ...	Wellington ...	3	Quarters for three Apothecaries ...	16,000
	Presidency.	Fort St. George	4	Converting the old Adjutant-General's office into barracks for single men.	25,097
1. *Accommodation for troops*— Buildings for Native troops.	Do.	Bangalore ...	5	Additions to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	30,346
2. *Ordnance works* ...	Bellary ...	Bellary ...	6	New workshops for the Arsenal ...	45,500
				Total ...	...

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MADRAS.

I.

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.		
1,39,673	20,000	20,000	...		1	G.O., No. 3737 W., dated 27th November 1888. Item No. 2, class A works, budget of 1888-89.
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.
...	6,500	9,500	...		3	G.O., No. 2448 W., dated 13th August 1888. Item No. 1, class B works, budget of 1888-89.
15,586	3,820	5,400	...	64,900	4	G.O., No. 3000 W., dated 9th November 1887.
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.
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.
...	...	85,892	...	85,892		

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS E

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
	Do.	Do. ...	2	Institutes of British Regiments and Batteries in the Presidency.	...
1. *Accommodation for Troops*— Buildings for Native troops.	Presidency.	Bangalore ...	3	Public buildings for a regiment of Native Cavalry.	30,990
	Bellary ...	Bellary ...	4	New saddle rooms for the Madras Cavalry Regiment.	...
	North Arcot.	Vellore ...	5	Providing accommodation in the Fort for two companies, Native Infantry.	...
2. *Ordnance* ...	Bellary ...	Bellary ...	6	Quarters for Warrant and Non-Commissioned officers, Bellary Arsenal.	42,420
	Do. ...	Do. ...	7	Timber-shed, Bellary Arsenal ...	...
1.	Presidency.	Madras ...	8	Shed for the camp equipage ...	6,935
	Do. ...	Do. ...	9		...
2			10	Workshops, Gun Carriage Factory.	...
7. *General Cantonment works.*	Bellary ...	Guntakal ...	11	Reserve with the Government for incomplete ordnance works.	...
8. *Fortifications* ...	Presidency.	Madras ...	12	Minor works under Ordnance ...	...
			13	New rest-house and site for the rest camp.	6,076
			14	Alterations to the Rifle Ranges at Vêysarpandy.	...
			15	Reserve with the Government for incomplete major works.	...
			16	Reserve with the Government for incomplete minor works.	...
				New minor works	...
				Total ...	...
				Grand Total ...	...

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MADRAS.

I—*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.
...	...	...	10,000		4	Estimate is awaited.
...	...	...	3,490	33,490	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	
...	...	...	6,699		12	Estimate is awaited.
...	...	...	6,076	12,775	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	1,36,058	1,63,008		
...	...	1,12,842	1,36,058	2,48,900		

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.
				IMPERIAL ORDINARY.	Rs.
				Military.	
				Original Works.	
1. *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Swimming-bath, British Infantry.	7,644
	Do. ...	Do. ...	2	Alterations and additions to the military prison.	...
	Do. ...	Do. ...	3	Guard-room for the station hospital.	4,290
	Do. ...	Do. ...	4	Infectious disease ward, cookhouse and station hospital	6,140
	Do. ...	Do. ...	5	Purveyor's quarters for the station hospital.	3,046
	Do. ...	Do. ...	6	Reroofing verandah of marriage range, European Infantry Barracks.	13,307
	Nilgiri ...	Wellington ...	7	Quartermaster's stores and office for British Infantry Regiment.	...
	Do. ...	Do. ...	8	A ward to accommodate 35 men, station hospital.	...
	Do. ...	Do. ...	9	Gymnasium, 2nd Royal Fusiliers.	...
	Do. ...	Do. ...	10	Quarters for three hospital purveyors.	4,750
	Do. ...	Ootacamund...	11	Constructing hut barracks for 500 men.	...
	Do. ...	Do. ...	12	Quarters for a Sub-Conductor attached to the Army headquarters.	...
	West Coast.	Calicut ...	13	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant Instructors, N.V. Rifles.	3,600
	Presidency...	Bangalore ...	14	A new barrack with subsidiary buildings for 30 men.	...
	Do. ...	Do. ...	16	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...
				Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240

B.

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

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.		
...	...	...	7,644		1	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1888-89.
...	...	...	3,980		2	Estimate is awaited. Item No. 2, class C works, budget of 1888-89.
...	...	...	4,290		3	G.O., No. 1384 W., dated 17th May 1888.
...	...	...	6,140		4	G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1888-89.
...	...	...	3,046		5	G.O., No. 771 W., dated 7th March 1888.
...	...	...	13,307		6	G.O., No. 3420 W., dated 15th December 1887.
...	...	...	25,000		7	Estimate is awaited.
...	...	...	20,000		8	Do.
...	...	...	10,000		9	Estimate is awaited. Item No. 8, class C works, budget of 1888-89.
...	...	...	4,750		10	G.O., No. 615 W., dated 21st February 1888. Item No. 49, class C works, budget of 1888-89.
...	...	...	10,000		11	Estimate is awaited.
...	...	...	7,500		12	Do.
...	...	...	3,600		13	G.O., No. 1068 W., dated 9th April 1888.
...	...	...	20,000		14	Estimate is awaited. Item No. 9, class C works, budget of 1888-89.
...	...	...	3,000		15	Estimate is awaited.
...	...	...	10,240		16	G.O., No. 2384 W., dated 20th September 1886. Item No. 28, class C works, budget of 1888-89.

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

APPENDIX

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
				Brought forward ...	Rs.
				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.	...
	Chingleput.	Poonamallee...	26	Construction of coach houses and stables for the use of officers.	
	Do. ...	Do. ...	27	Warrant officers' quarters	...
	Do. ...	Do. ...	28	Two Staff Sergeants' quarters, 1st class.	...
	Do. ...	Pallávaram ...	29	Coffee-shop	...
	Do. ...	St. Thomas' Mount.	30	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
			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.

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

APPENDIX
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
Buildings for Native troops.	Vizagapatam	Vizianagrum.	36	Raising the roof of harness-room, Troop lines.	4,200
	Bellary ...	Bellary ...	37	Regimental store for Native Infantry, including storage for camp equipage.	3,480
	Do. ...	Do. ...	38	New wing places-of-arms for two regiments, Madras Infantry.	...
	Nilgiri ...	Wellington ...	39	School-house for Native Infantry Regiment.	3,030
	West Coast.	Quilon ...	40	Quarters for 32 men, Army hospital, Native corps.	...
	Do. ...	Cannanore ...	41	Armourers' shop	2,489
	Chingleput.	Pallávaram ...	42	Quarters for eleven men of the Army hospital, Native corps.	...
	Do. ...	Do. ...	43	Magazine for Madras Infantry Regiment.	4,900
2. *Ordnance works.*	Do. ...	St. Thomas' Mount.	44	Armourers' shop for Madras Infantry Regiment.	2,880
	Presidency.	Madras ...	45	Wooden shed at the proof range ...	2,820
	Do. ...	Do. ...	46		
			47	Constructing a coal store ...	...
				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.
...	...	...	60,000		38	Estimate is awaited.
...	...	...	3,030		39	G.O., No. 149 W., dated 17th January 1884. Item No. 37, class C works, budget of 1888-89.
...	...	...	12,380		40	Estimate is awaited.
...	...	...	2,489		41	G.O., No. 3772 W., dated 29th November 1888.
...	...	...	3,670		42	Estimate is awaited.
...	...	...	4,900		43	G.O., No. 334 W., dated 8th February 1886. Item No. 39, class C works, budget of 1888-89.
...	...	...	2,880		44	G.O., No. 3149 W., dated 22nd December 1884. Item No. 40, class C works, budget of 1888-89.
...	...	...	2,820		45	G.O., No. 3077 W., dated 13th December 1884. Item No. 48, class C works, budget of 1888-89.
...	...	...	10,000		46	Estimate is awaited.
...	...	...	4,160		47	G.O., No. 2248 W., dated 22nd August 1887. Item No. 46, class C works, budget of 1888-89.

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

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 ...	48	Quarters for a Milling Engineer, Commissariat Department.	...
	West Coast.	Calicut ...	49	A bakery	...
	Do. ...	Malapuram ...	50	Cattle-shed for the Commissariat Department.	2,824
	Do. ...	Do. ...	51	Sheds for 12 bullocks and 10 mules.	3,600
	Chingleput.	Guindy ...	52	Quarters for the station butcher attached to the slaughter-house.	3,468
	Do. ...	Saidápet ...	53	Constructing a new road from the Mount Road direct to the slaughter-house.	...
	Presidency.	Madras ...	54	Workshops and sheds for carts and cattle, Transport Department.	...
	Do. ...	Do. ...	55	Mule-shed at Transport lines, Pudupet.	...
	Do. ...	Do. ...	56	Quarters for two Staff Sergeants at Pudupet.	...
	Do. ...	Do. ...	57	Quarters for a Conductor, Commissariat Department.	...
	Do. ...	Bangalore ...	58	Constructing a wheat godown at Teynampet.	...
	Do. ...	Do. ...	59	Quarters for a Conductor, Transport Department.	5,800
4. *Staff and Miscellaneous.*	Nilgiri ...	Ootacamund...	60	Quarters for an Ambulance Sergeant near Cattle lines, Transport Department.	...
	Do. ...	Do. ...	61	Water-supply, Lawrence Asylum.	12,350
7. *General Cantonment works.*	Presidency.	Bangalore ...	62	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
			63	Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	2,846

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.		

IMPERIAL.
MILITARY WORKS.

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.	
7. *General Cantonment works.*	Presidency.	Bangalore ...	64	Drainage, British Infantry Barracks.	8,112
	Do. ...	Fort St. George	65	Remodelling the ... and drainage ...	...
	Do. ...	Madras ...	66	Flushing drains of Native Infantry lines at Rāyapuram.	4,300
8. *Fortifications* ...	Chingleput.	St. Thomas' Mount.	67	General improvements to the drains of the cantonment.	...
	West Coast.	Malapuram ...	68	Constructing a fortified post ...	8,248
	North Arcot.	Vellore Fort.	69	Constructing draw-bridge ...	6,450
	Presidency.	Fort St. George	70	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	71	Constructing a draw-bridge at the north gate.	4,487
	Do. ...	Do. ...	72	Demolition of out-houses, clearance of ditch and completion of walls.	...

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MADRAS.

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.		
...	...	...	8,112	...	64	G.O., No. 2615 W., dated 24th August 1888. Item No. 33, class C works, budget of 1888-89.
...	...	...	10,000	...	65	Estimate is awaited. Item No. 23, class C works, budget of 1888-89.
...	...	...	4,300	...	66	G.O., No. 1397 W., dated 4th June 1884. Item No. 42, class C works, budget of 1888-89.
...	...	...	10,000	...	67	Estimate is awaited. Item No. 19, class C works, budget of 1888-89.
...	...	...	8,248	...	68	G.O., No. 3114 W., dated 18th November 1887. Item No. 58, class C works, budget of 1888-89.
...	...	...	5,000	...	69	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	...	70	Estimate is awaited. Item No. 59, class C works, budget of 1888-89.
...	...	...	4,487	...	71	G.O., No. 2447 W., dated 13th August 1888. Item No. 60, class C works, budget of 1888-89.
...	...	...	10,000	...	72	Estimate is awaited. Item No. 61, class C works, budget of 1888-89.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following papers:—

From the Superintending Engineer,	I	Circle,	dated	13th Oct.	1888,	No. 418 G.L. (one statement).
" "	II	"	"	1st "	"	
" "	III	"	"	2nd "	"	(two statements).
" "	IV	"	"	1st "	"	No. 422 E.W.
" "	V	"	"	23rd "	"	" 3164.
" "	V	"	"	23rd "	"	" 3166.
" "	VI	"	"	24th Sept.	"	" 1479 T.
"						

Proceedings of the Government of India, Military Department, dated Simla, 6th November 1888, No. 2143-M.W.

Resolution—The following provisional distribution of the annual Imperial grant of one crore of rupees for military works in 1889-90 is hereby notified:—

	Rs.
Rajputana and Central India	3,00,000
Hyderabad	3,00,000
Military Works Department	59,50,000
Central Provinces	1,50,000
Lower Burma	3,50,000
Assam	2,80,000
Bengal	60,000
North-Western Provinces and Oudh	10,000
Punjab	2,50,000
Madras	6,00,000
Bombay	12,50,000
Ordnance Works	3,00,000
Marine Works	1,00,000
Total ...	99,00,000
Leaving for reserve with the Government of India	1,00,000
	1,00,00,000

2. The above allotments include provision for any expenditure that may be incurred in England on stores for works classified as military.

3. The distribution of the grants for Ordnance and Marine will be made by the Director-General of Ordnance and the Director of Indian Marine, respectively. These officers will communicate to the Local Governments and Administrations concerned the works which they desire to have undertaken during 1889-90, and the amounts available for each work, which amounts will then be included by the Local Governments and Administrations concerned in their budget estimates for military works.

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4. The preliminary budget estimates should be prepared for the amounts now provisionally sanctioned, together with the allotments, if any, made by the Director-General of Ordnance and Director of Indian Marine, and should be submitted so as to reach the Government of India punctually by the 15th January 1889.

5. Orders regarding the grant for military works in Upper Burma will issue hereafter.

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, Burma and Assam.
The Resident at Hyderabad.
The Agent, Governor-General, Rajputana and Central India.
The Inspector-General, Military Works.
The Director-General of Ordnance in India.
The Director, Indian Marine.

Order—Ordered that a copy of the foregoing Resolution be forwarded to Local Governments and Administrations noted in the margin, for information and guidance.

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

(By order.)

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

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General to the Secretary to Government, Public Works Department, dated Ootacamund, 23rd November 1888, No. 4500 A.

In acknowledging the receipt of your letter No. 4554 C., dated 17th instant, intimating the amount of the grant made by the Government of India to this Presidency for Imperial Military Works in the coming year, and submitting proposals * for the distribution available out of it for the Commander-in-Chief accepts the major works, I am desired to state that the following modifications:—

allotments proposed by you, subject to

Item 2.—The sheds being built, this year, for transport animals at Calicut, with the allotment of Rs. 3,310, are all that are emergently wanted, and in His Excellency's opinion the construction of the remainder might be allowed to stand over until funds can be more conveniently found for them.

Item 9.—The Madras Cavalry Regiment at Bellary at present has saddle-rooms, and though they are not good ones, His Excellency considers the provision of new ones to replace them might be made gradually, and accordingly would prefer that the allotment proposed for this work in the coming year be reduced to Rs. 10,000.

2. The amount set free under the suggestions above put forward is Rs. 10,000, which His Excellency would wish added to the allotment for institutes in the coming year so that funds may be thus available not only for execution of the additions and alterations proposed to be made to existing buildings in connection with these institutions at different stations, but also for making a commencement with the new buildings required at St. Thomas' Mount and Wellington.

* Statement herewith returned.

From Colonel R. F. LOWIS, R.A., Director-General of Ordnance in India, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 4th December 1888, No. 35.

With reference to your letter No. 4553 C., dated 17th, and telegram dated 30th November 1888, I have the honor to allot funds as follows to ordnance works in the Madras circle for the ensuing official year 1889-90 out of the grant of Rs. 3,00,000

placed at my disposal by the Government of India by Military Department Resolution No. 2143-M.W. of the 6th ultimo:—

	RS.
Workshops, Bellary Arsenal	15,992
Quarters for Warrant and Non-Commissioned officers, Bellary Arsenal	15,000
Timber-shed, Bellary Arsenal	2,590
Shed for Camp Equipage section, Madras Arsenal	6,935
Workshops, Gun Carriage Factory, Madras	19,483
	60,000
Percentage for tools, &c.	14,700
Petty and minor works, including percentage for tools, &c.	10,000
Total	84,700

ORDER—dated 18th December 1888, No. 3945 W., Public Works.

In their Resolution above recorded, the Government of India have assigned a provisional grant of Rs. 6,00,000 for expenditure on military works in this Presidency during 1889-90. The amount distributed under departmental heads will be as shown below:—

	RS.
Works	4,80,850
Establishment	1,11,950
Tools and Plant	7,200
Total	6,00,000

and, with reference to para. 3 of the Resolution, the Director-General of Ordnance in India has made the following allotments for ordnance works:—

	RS.
Major Original Works	60,000
Minor do.	8,050
Establishment	15,650
Tools and Plant	1,000
	84,700

2. The Military Works budget estimate for 1889-90 has therefore been fixed at Rs. 6,84,700, which, distributed under the departmental heads, will be as follows:—

	RS.
Works	5,48,900
Establishment	1,27,600
Tools and Plant	8,200
Total	6,84,700

3. Of Rs. 4,80,850 available for military works, the following lump sums have been set apart:—

	RS.
(*a*) Incomplete major works	13,900
(*b*) Do. minor works	10,000
(*c*) New minor works	15,000
(*d*) Repairs	3,00,000
Total	3,38,900

and the balance, Rs. 1,41,950, has been distributed to individual works with the approval of His Excellency the Commander-in-Chief.

4. No provision has been made for the construction of sheds for transport animals at Calicut as, in the opinion of His Excellency the Commander-in-Chief, the sheds now under construction are all that are emergently required, and the construction of the remaining sheds can stand over until funds can conveniently be found for them.

5. The amounts set apart for repairs and incomplete works will, as usual, be held at the disposal of Government and distributed early next year on receipt of detailed proposals from Superintending Engineers.

6. The sum of Rs. 15,000 set apart for minor new works will, with reference to G.O., No. 2665 W., dated 29th August 1888, be placed at the disposal of officers commanding divisions and districts.

7. The distribution made by the Director-General of Ordnance of the grant for major ordnance works has been adopted; and of the sum of Rs. 8,050 (or Rs. 10,000 inclusive of percentage charges for "Establishment" and "Tools and Plant") provided for minor ordnance works, Rs. 3,050 have been reserved with the Government for incomplete works and the balance, Rs. 5,000, has been placed at the disposal of the Inspector-General of Ordnance to whom Superintending Engineers should apply for funds required for minor new works of 1889-90.

8. The 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.

9. Works for which estimates have not been sanctioned have been entered in the budget at the request of the Quartermaster-General and the Director-General of Ordnance, and it is hoped that the estimates for them will shortly be ready. The Government of India will therefore be requested to allow the amounts provided for them to stand.

10. With these remarks the preliminary issue of the Imperial Military Works budget for 1889-90 will be printed and circulated to the officers concerned for information and guidance, and four copies forwarded to the Government of India, Military Department.

(Here enter No. 3946 W., dated 18th December 1888.)

(True Extract.)

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

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

ENDORSEMENT—dated 18th December 1888, No. 3946 W., Public Works.

Forwarded.

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

Exd. J. Henricus.
Spare Copies

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BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated December, 18th.

Recd.

Encl.

G.O., 18th Dec. 1888, Nos. 3945 W., 3946 W..

DECEMBER.

Imperial Military Works
Budget for 1889-90

Forwarding copies of the preliminary issue of the —.

FINAL ISSUE.

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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.

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.

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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.					

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS A

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY.	
				Military.	
				Original Works.	
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
	Chingleput.	Poonamallee ...	2	New barracks	1,66,885
	Nilgiri ...	Wellington ...	3	Quarters for three Apothecaries ...	16,000
Buildings for Native troops.	Presidency.	Fort St. George	4	Converting the old Adjutant-General's office into barracks for single men.	25,097
	Do.	Bangalore ...	5	Additions to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	30,346
2. *Ordnance works* ...	Bellary ...	Bellary ...	6	New workshops for the Arsenal ...	45,500
				Total ...	...

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MADRAS.

I.

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.		
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.
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.
...	14,500	1,500	...		3	G.O., No. 2448 W., dated 13th August 1888. Item No. 1, class B works, budget of 1888-89.
15,586	3,820	5,400	...	56,900	4	G.O., No. 3000 W., dated 9th November 1887.
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.
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.
...	...	77,892	...	77,892		

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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.	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
Buildings for Native troops.	...	...	2	Institutes of British Regiments and Batteries in the Presidency.	...
	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		
			10	Workshops, Gun Carriage Factory.	...
4. *Staff and Miscellaneous.*	Nilgiri ...	Ootacamund...	11	Reserve with the Government for incomplete ordnance works.	...
8. *Fortifications* ...	Presidency.	Madras ...	12	Minor works under Ordnance ...	...
			13	Water-supply, Lawrence Asylum...	12,350
			14	Alterations to the Rifle Ranges at Veyasarpandy.	6,076
			15	Reserve with the Government for incomplete major works.	...
			16	Reserve with the Government for incomplete minor works.	...
				New minor works	...
				Total ...	...
				Grand Total ...	...

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I—*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		

IMPERIAL.
MILITARY WORKS.

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

APPENDIX
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.	Bellary ...	Bellary ...	1	Swimming-bath, British Infantry.	7,644
	Do. ...	Do. ...	2	Alterations and additions to the military prison.	
	Do. ...	Do. ...	3	Guard-room for the station hospital.	4,290
	Do. ...	Do. ...	4	Infectious disease ward, cookhouse and station hospital.	6,140
	Do. ...	Do. ...	5	Purveyor's quarters for the station hospital.	3,046
	Nilgiri ...	Wellington ...	6	Reroofing verandah of marriage range, European Infantry Barracks.	13,307
	Do. ...	Do. ...	7	Quartermaster's stores and office for British Infantry Regiment.	...
	Do. ...	Do. ...	8	A ward to accommodate 35 men, station hospital.	...
	Do. ...	Do. ...	9	Gymnasium, 2nd Royal Fusiliers.	...
	Do. ...	Do. ...	10	Quarters for three hospital purveyors.	4,750
	Do. ...	Ootacamund...	11	Constructing hut barracks for 500 men.	...
	Do. ...	Do. ...	12	Quarters for a Sub-Conductor attached to the Army headquarters.	...
	West Coast.	Calicut ...	13	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant Instructors, N.V. Rifles.	3,600
	Presidency...	Bangalore ...	14	A new barrack with subsidiary buildings for 30 men.	...
	Do. ...	Do. ...	15	One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.	...
			16	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240

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MADRAS.

B.

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

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.		
...	...	...	7,644		1	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1888-89.
...	...	...	3,980		2	Estimate is awaited. Item No. 2, class C works, budget of 1888-89.
...	...	...	4,290		3	G.O., No. 1384 W., dated 17th May 1888.
...	...	...	6,140		4	G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1888-89.
...	...	...	3,046		5	G.O., No. 771 W., dated 7th March 1888.
...	...	...	13,307		6	G.O., No. 3420 W., dated 15th December 1887.
...	...	...	25,000		7	Estimate is awaited.
...	...	...	20,000		8	Do.
...	...	...	10,000		9	Estimate is awaited. Item No. 8, class C works, budget of 1888-89.
...	...	...	4,750		10	G.O., No. 615 W., dated 21st February 1888. Item No. 49, class C works, budget of 1888-89.
...	...	...	10,000		11	Estimate is awaited.
...	...	...	7,500		12	Do.
...	...	...	3,600		13	G.O., No. 1068 W., dated 9th April 1888.
...	...	...	20,000		14	Estimate is awaited. Item No. 9, class C works, budget of 1888-89.
...	...	...	3,000		15	Estimate is awaited.
...	...	...	10,240		16	G.O., No. 2384 W., dated 20th September 1886. Item No. 28, class C works, budget of 1888-89.

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

APPENDIX

CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
				Brought forward ...	Rs.
				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.

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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.
				Brought forward ...	Rs.
				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.

IMPERIAL
MILITARY WORKS.

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.	...

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MADRAS.

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.

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.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY—*cont.*	
				Military—*cont.*	
				Original Works—cont.	
7. *General Cantonment works.*	Presidency.	Bangalore ...	66	Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	2,846
	Presidency.	Bangalore ...	67	Drainage, British Infantry Barracks.	8,112
	Do. ...	Fort St. George	68	Remodelling the drainage ...	...
		Madras ...	69	Flushing drains of Native Infantry lines at Rayapuram.	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.

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1st May 1889, No. 1159 W., Public Works.

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

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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
Repairs ... { Not commenced	2,93,110	3,00,000	2,93,400	1,36,100
Total, Works and Repairs ...	4,23,684	5,08,550	5,08,500	3,00,000
Establishment	98,303	1,08,755	1,08,700	5,48,900
Tools and plant	6,323	6,995	7,000	1,27,600
Add net modification made subsequent to the preparation of the revised estimate (to be distributed over departmental heads in final issue).	...	...	2,500	8,200
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.

2612W

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 —.

ORDNANCE DEPARTMENT.

No. 3412E 2612 1P

FROM

THE DIRECTOR-GENERAL OF ORDNANCE in India

TO

THE Secretary to the Govt of Madras
Public Works Department
Madras

Dated Simla, 27" August 1889

Sir,

I have the honor to state that an estimate amounting to Rs 1283/- for constructing a timber shed in the Bellary Arsenal has been approved and returned to the Inspector General of Ordnance, Madras Circle, for further necessary action.

2. In the final issue of the Imperial Budget Estimate of Military Works of the Government of Madras, Public Works Department, for the year 1889-90, the timber shed is shown as a major work and Rs: 2,590/- provided for its execution. As however, the cost according to the detailed Estimate is only Rs: 1283/- it will come within the classification of minor works. I have, therefore, to request that of the sum of Rs: 1307/- remaining unappropriated, Rs: 494/- may be placed at the

Disposal

disposal of the Inspector General of Ordnance, for allotment at his discretion, to such other minor works as are urgently required but could not be executed for want of funds.—

3.——— As regards the balance, Rs: 813/, I am to propose to transfer it (together with Rs: 195 on account of per centage on Establishment, tools and plant) to Burma for erecting a reverberatory air furnace urgently required in the Rangoon Arsenal. The Government of India have been addressed on the subject.

4.——— The necessary provision on account of the percentage on Establishment, tools and plant on Rs: 2,590/- having already been made in the sum of Rs: 14,700/- allotted for this purpose, vide my letter No 35 Four dated Calcutta the 4th December 1880, to your address, no deduction need be made from Rs: 2590/- for these charges either in respect to the proposed transfer of Rs: 813/- to Burma, or Rs: 4944/- requested to be placed at the disposal of the Inspector General of Ordnance.

5.——— The per centage on Rs: 813/- will be transferable from the sum of Rs: 14,700/- referred to in the preceding paragraph.

I have the honor to be
Sir,
Your most obedient servant
W. Lowis Major Genl
Director Genl of Ordnance in India

2612

35

No. 1159 W 4/1-5-89
" 3945-6 W - 18-12-88

No. 2612 W 2612 B.P. Military Works

A/ Hm

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20th Sept 1889

READ the following

From the Director-general of Ordnance in India. — No. 3412 Edy 27th Augt 1889.

In the final issue of the Military Works Budget estimate for 1889-90, a sum of Rs 2,590 was provided under Major works for the construction of a timber shed in the Bellary Arsenals. In para 2 of his letter above recorded, the Director-general of Ordnance reports that the work will fall within the classification of Minor works as the estimate amounts to only Rs 1,283, and regards the Rs 494 may be placed at the disposal of the Superintendent Ordnance for allotment to minor works. A sum of Rs 1,777 be accordingly be transferred from Major to Minor works out of the budget allotment of Rs 2,590.

NCO 18-9-89

2. As regards the transfer to Warrant of the balance

Rs

2612

3

Hos 813 together with the percentage charges for Establishment and Tools and Plant referred to in para 3 of the Director General's letter, the orders of the Government of India will be awaited.

9.9.89

9.9.89

To
The Supdg Engineer III/Cuddr.
" Examiner P. W. Accounts.
" Military Department.
" Director General of Ordnance.

D
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Asst/ H.in.16-9-89 R.19-9-89

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8165.

Govt. of 18 Madras

PUBLIC WORKS.

Dated

Read Encl.

G.O. 20th August 1887. No. 2612/15

Timber shed in the Bellary Arsenal.

Orders on letter from the Director General of Ordnance respecting that the Rupees one and all lakhs for the — may be transferred from Imprest to minor works and allotted for other works.

110/6

(32)

3/29/9