(1) பக்கங்களின் எண்ணிக்கை 48

(2) புதுக்கித் திருப்பிய நாள் 5.11.89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

54

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

அரசாணை எண்.		அச்சகம்
மு. கோப்புத் தாள் எண்.	14 24	பலவகை

நாள் : 29. 5 1889 A.D.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

24 sheets

ஆவண. எச்-1—18,000—15-8-87.

1424

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following paper:—

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 Simla, 17th April 1889, No. 334 E.

Referring to the Proceedings of the Government of Madras, No. 516 W., Public Works, dated the 20th February 1889, I have the honor to solicit that, in anticipation of the sanction of the Government of India which I have applied for, the sum of Rs. 5,120, for improving the water-supply of the Gun Carriage Factory, Madras, a scheme for which was approved in telegram No. 262 M.W., dated Calcutta, the 13th February 1889, to your address, may be reallotted from the grant of Rs. 15,000 sanctioned * for the construction during the current year of quarters for Ordnance Non-Commissioned officers at Bellary, and that orders may be issued for the work to be taken in hand and pushed on to completion as soon as possible.

* *Vide* Madras G.O., No. 3945 W., dated 18th December 1888, and this office No. 524, dated 27th February 1889.

Order—dated 3rd May 1889, No. 1179 W., Public Works.

The following transfer of funds is sanctioned:—

Imperial Military.
Original Works.

From	*To*
Constructing double quarters for the staff serjeants attached to the Ordnance Department at Bellary. Rs. 5,120	Improving the water-supply of the Gun Carriage Factory at Madras. Rs. 5,120

2. Arrangements should be made to complete, as soon as possible, the improvement of the water-supply of the Gun Carriage Factory, for which funds have been now provided.

(True Extract.)

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

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

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated May, 3rd.

Recd.

Encl.

G.O., 3rd May 1889, No. 1179 W.

MAY.

Funds

Certain transfer of —, sanctioned.

PRELIMINARY ISSUE.

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PERIAL.
ARY WORKS.

MADRAS.

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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	6,995	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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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.					

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IMPERIAL.
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PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR 1889-90.

CLASS A.

ORIGINAL WORKS FOR THE YEAR 1889-90.

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	20,000	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 ...	16,900	...	6,500	9,500	...		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	...	64,900	4	G.O., No. 3000 W., dated 9th November 1887.
1. *Accommodation for troops*— 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 ...	...	...	...	85,892	...	85,892		

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IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
				IMPERIAL ORDINARY.	Rs.
				Military.	
				Original Works.	
1. *Accommodation for troops*— 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.	30,090
	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 ...	...
	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 ...	...
7. *General Cantonment works.*	Bellary ...	Guntakal ...	12	New rest-house and site for the rest camp.	...
8. *Fortifications* ...	Presidency.	Madras ...	13	Alterations to the Rifle Ranges at Veyasarpaudy.	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.
...	...	...	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		

IMPERIAL.
MILITARY WORKS.

MADRAS.

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, cook-house 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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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.

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.	
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

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.		
...	...	...	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	New wing places-of-arms for two regiments, Madras Infantry.	...
	Do. ...	Do. ...	39	School-house for Native Infantry Regiment.	3,030
	Nilgiri ...	Wellington ...	40	Quarters for 32 men, Army hospital, Native corps.	...
	West Coast.	Quilon ...	41	Armourers' shop	2,489
	Do. ...	Cannanore ...	42	Quarters for eleven men of the Army hospital, Native corps.	...
	Chingleput.	Pallávaram ...	43	Magazine for Madras Infantry Regiment.	4,900
	Do. ...	Do. ...	44	Armourers' shop for Madras Infantry Regiment.	2,880
2. *Ordnance works.*	Do. ...	St. Thomas' Mount.	45	Wooden shed at the proof range ...	2,820
	Presidency.	Madras	46	Constructing a coal store ..	...
	Do. ...	Do. ...	47	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 1889-99.			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.
...	...	...				

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 ...	48	Quarters for a Milling Engineer, Commissariat Department.	...
	West Coast.	Calicut ...	49	A bakery	...
	Do ...	Malapuram ...	50	Cattle-shed for the Commissariat Department.	...
	Do. ...	Do. ...	51	Sheds for 12 bullocks and 10 mules.	2,824
	Chingleput.	Guindy ...	52	Quarters for the station butcher attached to the slaughter-house.	3,600
	Do. ...	Saidápet ...	53	Constructing a new road from the Mount Road direct to the slaughter-house.	3,468
	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. ...	Do. ...	58	Constructing a wheat godown at Teynampet.	...
	Do. ...	Bangalore ...	59	Quarters for a Conductor, Transport Department.	5,800
	Do. ...	Do. ...	60	Quarters for an Ambulance Sergeant near Cattle lines, Transport Department.	...
4. *Staff and Miscellaneous.*	Nilgiri ...	Ootacamund...	61	Water-supply, Lawrence Asylum.	12,350
	Do. ...	Do. ...	62	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
7. *General Cantonment works.*	Presidency.	Bangalore ...	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.		
...	...	...	7,500		48	Estimate is awaited.
...	...	...	6,860		49	Do.
...	...	...	4,000		50	Estimate is awaited. Item No. 50, class C works, budget of 1888-89.
...	...	...	2,000		51	G.O., No. 1245 W., dated 27th April 1888.
...	...	...	3,600		52	G.O., No. 1259 W., dated 30th April 1888. Item No. 52, class C works, budget of 1888-89.
...	...	...	3,468		53	G.O., No. 534 W., dated 16th February 1888.
...	...	...	20,000		54	Estimate is awaited. Item No. 55, class C works, budget of 1888-89.
...	...	...	11,210		55	Estimate is awaited.
...	...	...	3,500		56	Do.
...	...	...	4,000		57	Estimate is awaited. Item No. 56, class C works, budget of 1888-89.
...	...	...	5,950		58	Estimate is awaited. Item No. 57, class C works, budget of 1888-89.
...	...	...	5,800		59	G.O., No. 992 W., dated 16th April 1886. Item No. 53, class C works, budget of 1888-89.
...	...	...	3,000		60	Estimate is awaited. Item No. 54, class C works, budget of 1888-89.
...	...	...	12,350		61	G.O., No. 2139 W., dated 14th July 1888. Item No. 62, class C works, budget of 1888-89.
...	...	...	3,000		62	G.O., No. 2139 W., dated 14th July 1888.
...	...	...	2,846		63	G.O., No. 1261 W., dated 1st May 1888. Item No. 32, class C works, budget of 1888-89.

IMPERIAL.
MILITARY WORKS.

1824. MADRAS.

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 drainage ...	...
	Do. ...	Madras ...	66	Flushing drains of Native Infantry lines at Rávapuram.	4,300
	Chingleput.	St. Thomas' Mount.	67	General improvements to the drains of the cantonment.	...
8. *Fortifications* ...	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.	...

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.

1424

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.
" "	II	"	"	1st	" "	(one statement).
" "	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 major works, I am desired to state that the Commander-in-Chief accepts the allotments proposed by you, subject to the following modifications :—

* Statement herewith returned.

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.

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

1424

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
Total	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,

13

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

14 24

14

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 —.

9TH MARCH 1889, No. 708 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 20th April 1888, No. 246 A.

In returning your endorsement No. 435 D, dated 17th August 1887, I have the honor to forward a plan and estimate for Rs. 18,724, accompanied by a report on the Executive Engineer's scheme for improving the supply of water to the Gun Carriage Factory at Madras in case of an outbreak of fire.

2. With this I forward a plan showing proposed modifications, which I have drawn up with the concurrence of the Inspector-General of Ordnance, who agrees with me in thinking that the Executive Engineer's scheme is expensive, and that a much less elaborate scheme costing only Rs. 5,120 will do as well.

3. It is now proposed to build a masonry cistern 30 × 40 × 5, capable of holding about 37,500 gallons, near the centre of the timber yard; to be 3 feet above ground.

This will be filled by a 4-inch pipe from the 21-inch municipal main just outside the timber yard, and from the cistern a $2\frac{1}{2}$-inch emptying pipe will take water to the large tank with a stop cock at the further extremity and a couple of $2\frac{1}{2}$-inch hydrants in the interval.

A separate 4-inch pipe will lead from the same 21-inch main, a short distance further up, to run along the half-wrought timber sheds A and B and round the carpenters' workshops, &c., to discharge into the big tank. There will be a T-head midway for the purpose of a 3-inch piping to the future coal stores, which are to be built somewhere opposite to this part outside the northern compound wall.

There will also be half a dozen hydrants along the 4-inch pipe for the purpose of securing a supply close at hand when needed.

By this means it is hoped that the cistern and the big tank will be kept constantly full, and every facility will thus be afforded for the ready use of the manual fire-engine. Plenty of hose being available, a sufficient amount of water could be pumped to each and every corner of the factory to arrest the progress of fire.

No. 139 D.

Forwarded to the Military Department with reference to its endorsement No. 4942, dated 13th August 1887, herewith returned with enclosures.

2. The alternative estimate of Rs. 5,120 has the approval of Government in the Public Works Department. The Superintending Engineer states that this estimate was drawn up with the concurrence of the Inspector-General of Ordnance, but it is observed that it has not been countersigned by the latter officer.

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

G.O., dated 20th February 1889, No. 1291, Military.

Read—the following:—

From the Secretary to the Government of India, Military Department, dated 3rd August 1887, No. 2479-D.
From the Public Works Department, dated 14th December 1887, No. 4655-C.
To the Secretary to the Government of India, Military Department, dated 21st December 1887, No. 8129.
From the Public Works Department, dated 22nd February 1888, No. 638 W.
Reference Order of Government, dated 24th February 1888, No. 1356.
From the Public Works Department, dated 8th May 1888, No. 139-D.
To the Secretary to the Government of India, Military Department, dated 22nd May 1888, No. 3461.
Proceedings of Government, Public Works Department, dated 2nd July 1888, No. 1957 W.
From the Public Works Department, dated 24th September 1888, No. 712-D.
From the Public Works Department, dated 25th October 1888, No. 4106-C.
To the Secretary to the Government of India, Military Department, dated 6th November 1888, No. 7345.
From the Public Works Department, dated 15th January 1889, No. 99 W.
Telegram to the Secretary to the Government of India, Military Department, dated 18th January 1889, No. 410.

Telegram from the Secretary to the Government of India, Military Department, dated 13th February 1889, No. 262 M.W.

"Correspondence ending your telegram 410 of 18th ultimo. Scheme for improving water-supply Gun Carriage Factory, Madras, costing Rs. 5,120 approved. Original enclosures of 3461 follow by post."

Order—dated 20th February 1889, No. 1291, Military.

Ordered that the foregoing telegram from the Government of India be communicated to the Public Works Department and to the Inspector-General of Ordnance.

(True Extract.)

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

Endorsement from the Military Department, dated 26th February 1889.

ORDER—dated 9th March 1889, No. 708 W., Public Works.

The estimate, amounting to Rs. 5,120, for improving the water-supply of the Gun Carriage Factory at Madras, is sanctioned for execution when funds are available.

2. The Superintending Engineer will forward direct to the Examiner of Public Works Accounts a copy of the abstract estimate for the work.

3. This sanction has been registered as Imperial No. 53 W. of 1888-89 and classified as Military, Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with six enclosures.
" Examiner, Public Works Accounts.
" Military Department.

Exd. J. Henricus.
Spare Copies

14 24

16

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated March, 9th.

Recd. *Encl.*

G.O., 9th Mar. 1889, No. 708 W.

MARCH.

Water-supply of the Gun Carriage Factory, Madras

Estimate for improving the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Kambakal Channel, 9th February 1889, No. 5258.

With reference to G.O., No. 99 W., dated 15th January 1889, I have the honor to state that the amount of the grant of Rs. 14,105 appropriated in G.O., No. 3982 W., dated 20th December 1888, for works as per margin may be surrendered to Government as there is very little time to spend this amount even if the estimates are sanctioned hereafter.

Gun Carriage Factory.	Rs.
1. Water-supply	5,120
2. Projects for new workshops ...	8,985
Total ...	14,105

ORDER—dated 20th February 1889, No. 516 W., Public Works.

In his letter No. 3165, dated 23rd October 1888, the Superintending Engineer, V Circle, surrendered the grants provided in the current year's military budget for the marginally-noted works, and the Inspector-General of Ordnance was thereupon requested in para. 3 of G.O., No. 3579 W., dated 10th November 1888, to report whether he approved the surrenders, and, if so, to intimate to what works he wished the amounts to be transferred.

	Rs.
Turners' shop, Gun Carriage Factory, Madras	10,000
Extra accommodation as store-room, Gun Carriage Factory, Madras ...	4,105
Total ...	14,105

2. In his letter No. G/126, dated 1st December 1888, the Inspector-General replied that the Director-General was about to apply to the Government of India for sanction to reappropriate the amounts for the following works (*vide* G.O., No. 3982 W., dated 20th December 1888)—

	Rs.
Water-supply, Gun Carriage Factory, Madras	5,120
New workshops, do. do.	8,985
Total ...	14,105

3. The Superintending Engineer, in his present letter, looks upon the above-mentioned proposed reappropriations as grants and surrenders them; but as no formal sanction has been accorded thereto, the surrenders proposed by the Superintending Engineer cannot be accepted. There appears, however, no probability of

early sanction being given to the estimates for the works mentioned in para. 2, which have been forwarded to the military authorities (*vide* G.O., No. 99 W., dated 15th January 1889), and the surrenders originally proposed by the Superintending Engineer from the turners' shop and store-room will therefore be accepted and replaced at the disposal of the Government of India as shown in the margin.

	RS.
Works	14,105
Establishment and tools and plant.	3,456
Total ...	17,561

4. As all alterations in the revised and budget estimates should be reported to the Government of India before the 20th February 1889, the following telegram will be sent to the Government of India, Military Department:—

"Please accept surrenders of Rs. 10,000 and 4,105 from items 7 and 8, Class B Works, Military budget, and Rs. 3,456 from Establishment and Tools. Amounts cannot be utilised before March next."

5. A copy of these Proceedings will be forwarded to the Government of India, Military Department, for information.

(Here enter No. 517 W., dated 20th February 1889.)

(True Extract.)

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

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

ENDORSEMENT—dated 20th February 1889, No. 517 W., Public Works.

Forwarded.

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

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated February, 20th.

Read. *Encl.*

G.O., 20th Feb. 1889, Nos. 516 W., 517 W.

FEBRUARY.

Gun Carriage Factory, Madras

Forwarding copy of Proceedings on letter from the Superintending Engineer, V Circle, surrendering grants for certain works connected with —.

ORDNANCE DEPARTMENT.

Copy of a letter, to the Director General of Ordnance in India, from the Secretary to the Government of India, Military Department,
No. 853 M.W., dated Simla, 22nd May 1889.

In reply to your letter No. 336. E., dated the 17th April 1889, I am directed to state that the Government of India approve of your action in having asked the Government of Madras to provide the necessary funds, Rs 5120/- for the improvement of the water supply of the Gun Carriage Factory, Madras, from the grant of Rs 15,000/- sanctioned for the construction of quarters for Non Commissioned Officers at Bellary during the current year, and to direct that the work be put in hand and pushed on as quickly as possible.

True copy.
L. G. Watkins Capt. R.A.
Asst Director of Ordnance Stores.

19

ORDNANCE DEPARTMENT.

No. 833 C.

FROM

THE DIRECTOR-GENERAL OF ORDNANCE IN INDIA,

TO

THE Secretary to the Government of Madras
Public Works Department,
Madras

Dated Simla, 8th May 1889.

Sir

In continuation of my letter No 234 C., of the 14th Ultimo, I have the honor to forward, for information, a copy of Military Department No. 853., dt. 2nd instant, Ordnance Works, conveying the approval of the Government of India to Rs 5120/- required for the improvement of the Water Supply of the Gun Carriage Factory, Madras, being taken from the allotment of Rs 15000/- for Non Commissioned Officers quarters at Bellary during the current year.

I have the honor to be
Sir
Your most Obed Servant
W. Lowis Major General
Director General

Ordnance Works

No. G. 18

ORDNANCE OFFICE:
Fort Saint George,
18 May 1889.

From

Colonel C. Bowie
~~Lieut. Colonel C. W. BRERETON~~ R. A.
Offg. Insp. Genl. of Ords.

To

The Secretary to Government,
Public Works ~~Military~~ Department.

Sir,

Chepak
1624

With reference to the enclosed copy of Government of India — Military Department letter No. 853 M. W. dated Simla 3d. instant, I have the honor to request you will be good enough to move Government to issue orders to put in hand at once the work of providing a water supply to the Gun Carriage Factory Madras.

I have the honor to be
Sir
Your most obedt Servant

Colonel Rt
Offg. Insp. Genl. of Ords.

(2)

S.O. dated 1179 W dy 3-5-89
" " 708 W dy 9-8-89
" " 676-17 W dy 20-2-89.
" " 3945.46 W dy 18-12-88

SWC No. 4424

(2)

Dy 14-5-89
E.1

No. 1345 W dy 30 May

B

Recorded with reference to S.O. No. 1179 W dy 3d May 1889

Recorded with reference to G. O. No. 1179 W dy 3d May 1889

WCM 15.5.89

Rec'd 17.5.89

Oct 22/5 & 12/5 - 3 Jan/6

Ordnance Department

Copy of a letter from the Secretary to the Government of India, Military Department to the Director General of Ordnance in India No. 853 M W dated Simla, 3d. May 1889.

In reply to your letter No. 336 E dated the 17th April 1889, I am directed to state the Government of India approve of your action in having asked the Government of Madras to re allot the necessary funds, — Rs 5120/- for the improvement of the water supply of the Gun Carriage Factory, Madras, from the grant of Rs 15000/- sanctioned for the construction of quarters for Non Commissioned Officers at Bellary during the current year, and to direct the work to be put in hand and pushed on as quickly as possible.

No. 834 E.

Simla 8th May 1889.

Forwarded to the Inspector General of Ordnance, Madras Circle, for information and guidance in continuation of this Office No. 335 E. of the 17th ultimo.

By order

Lt. Colonel R.A.

Asst. Inspr. Genl. of Ords.

/True copy/

C. Ochterlony Lt. Colonel R.A.

Asst. Inspr. Genl. of Ords.

/d/ L.G. Watkins Captain R.A.

Asst. Director of Ords. in India

1435

Fo. Brio 1845 w a/20-5-89.

" A " 479 w a/3-5-89

" " " 708 w a/9-3-89

" " " 516-17 w a/20-2-89

" " " 3945-46 w a/18-12-88

1424

93

E.1

P.W. 4610/89

~~Public Works~~ ~~Military~~ {1889} Department.

PWC No: 2610

(2)

No.

From Colonel C. Bowie
~~Lt.-Col. C. W. BRERETON~~, R. A.,
Offg Superintendent Govt.

To

The Secretary to Government,
~~Public Works~~ ~~Military~~ Department.

DATED 18
RECEIVED May {1889.

R 20.5.89

No. 1424 W dy 20-5-89

No. G.
18

Regarding work of providing a water supply to the Gun Carriage Factory

R.M.
We have already recd a copy of the Enclosure of this current direct from India.
F.B.
21/V/89

1345 Wdy 20-5-89

S.P.
21/5/89

9
22/5

P. W. D.

To The I. G. of Ordnance
Madras.

14 24

Sir,

With reference to your letter No: S. E. dated 18th May 1889, I am directed to forward for your information a copy of G.O. No: 1179. W. dated 3rd May 1889 from which you will see that orders have already issued for the early completion of the improvement of the water supply of the Gun Carriage Factory.

2. I am to add that the Director General of Ordnance furnished this Dept with a copy of his letter No: 853. dated 3rd May 1889 from Govt of India.

24

per 24/5

Recd 23.5.89 MCR 22

(23)

(24)