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No. 246 w d / 20 - January 1888

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Total of 29

No. 4203

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

Chepak, 6 January 1885.

From

Colonel A. M. Thwait R.E.

SUPERINTENDING ENGINEER, V CIRCLE,

To

THE Chief Engineer
P.W. Department

SIR,

Enclosures.

With reference to para 2 of
I.O. No. 3000 W. dated 9th November 1884
the Executive Engineer Presidency Division
requests that the full amount of the
Estimate of Rs 5200 for converting the
Old Adjutant-General's Office Fort St.
George into Barracks for 60 Singlemen
can be spent if funds are immediately
given, otherwise Rs 4000 only can be
spent on the work during the current
official year. A sum of Rs 604 has
been applied for in my statement
of Savings and Demands disposed of

in L.C.M. 3404 D dated 14 December 1944
for the conversion of other buildings
in Fort St. George into Singlemans Barracks.

Herewith
enclosed
are 2 copies

I have the honor to be
Sir,

Yours most obedt servt,

Walter Robert Scott R.E.

Superintendent Engineer
5 Lines

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of

N^o 80 W of 10.1.88
 " 32 W of 6.1.88
 " 3406 W of 14.1.87
 " 3000 W of 9.11.87
 " 2685 W of 12.10.87
 " 1617 W of 15.6.87

From P.W.C. No. 221
 The Superintending Engineer
 5th Circle.
 To the Chief Engineer
 P.W. Department.

Dated 7th January 1888.
 Recd. 10



No. 246 W of 20-1-1888

No. 4203.

Old Adjutant General's
 Office Fort.

States that the Executive
 Engineer Reports that the
 full amount of the Estimate
 of Rs. 5400, for converting
 the — into Barracks for 60
 Singlemen be spent if
 funds are immediately
 given.

No. 246 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 20th January 1888

Read the following

From the Suptg. Engineer 5th Circle H. E. No. 4203 d/7 January 1888

The Govt. of India having
 intimated their inability to allot
 any more funds under Military
 during the current official year, the
 outlay on "the conversion of certain
 buildings at Fort Saint George into
 singlemen's barracks" should be
 restricted to the grants already sanc-
 tioned.

Rs 6617 - vide G.O. No. 80 W of 10 January 1888
 " 7445 vide G.O. No. 1617 W of 15 June 1887
 13,462

2. In para 5 of G.O. No. 31 W dated
 6 January 1888 the Govt. of India have,
 however, been requested to sanction in
 the ensuing official year a special
 grant of Rs 5680 being the ^{unspent} balance of
 the estimate for the work.

To The Suptg. Engineer 5th Circle.

✓ D 20/1/88
 19.1.88
 19/1/88

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1888) Madras.
PUBLIC WORKS.

Dated January, 6th.

Recd.

Encl.

G.O., 6th Jan. 1888, No. 32 W.

JANUARY.

Military Works Budget
Estimate for 1888-89

Forwarding preliminary issue of the —.

PRELIMINARY ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1888-89.

CHEPÂK,
6th January 1888.

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

IMPERIAL.
MILITARY WORKS.

MADRAS.

CONTENTS.

	PAGE
ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE	2
DITTO DITTO OF EXPENDITURE	3
DETAILS OF THE BUDGET-ESTIMATE OF EXPENDITURE—	
PART I.—DETAIL OF ESTIMATE FOR ORIGINAL WORKS, CLASS A... ..	4 & 5
DITTO DITTO CLASS B... ..	6 & 7
APPENDIX TO ABOVE—	
APPENDIX B.—LIST OF CLASS C WORKS	8 to 15

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 1888 TO 31st MARCH 1889.

	BUDGET- ESTIMATE, 1888-89.	REVISED ESTIMATE, 1887-88.	BUDGET- ESTIMATE, 1887-88.	ACTUALS, 1886-87.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	27,800	25,000	25,000	23,984
In Civil and Military Departments	...	...	...	...
Total ...	27,800	25,000	25,000	23,984

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF
MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1888 TO 31st MARCH 1889.

	REFERENCE TO DETAILED ESTIMATE.	BUDGET- ESTIMATE, 1888-89.	REVISED ESTIMATE, 1887-88.	BUDGET- ESTIMATE, 1887-88.	ACTUALS, 1886-87.
		Rs.	Rs.	Rs.	Rs.
ORIGINAL WORKS. { IN PROGRESS	...	57,280	1,62,252	1,42,600	1,45,707
{ NOT COMMENCED.	...	63,320			
REPAIRS ... { ORDINARY	...	3,00,000	2,78,518	3,00,000	3,11,795
{ SPECIAL	...	...			
ESTABLISHMENT	...	98,100	1,02,630	1,03,000	1,06,754
TOOLS AND PLANT	...	6,300	6,600	4,400	4,589
SUSPENSE ACCOUNT	...	...	...	...	...
Total ...	...	5,25,000	5,50,000	5,50,000	5,68,845

IMPERIAL.
MILITARY WORKS.

MADRAS.

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

	BUDGET-ESTIMATE, 1888-89.								REVISED ESTIMATE, 1887-88.	BUDGET-ESTIMATE, 1887-88.	ACTUALS, 1886-87.
	ORIGINAL WORKS.			REPAIRS.	ESTABLISHMENT.	TOOLS AND PLANT.	SUSPENSE ACCOUNT. BARRACK DEPARTMENT.	TOTAL.			
	In progress.	Not commenced.	Total.								
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. Rs.	Rs.	Rs.	Rs.	Rs.
PROVISION FROM IMPERIAL FUNDS.											
In India ...	57,280	63,320	1,20,600	3,00,000	98,100	6,300	...	5,25,000	5,50,000	5,50,000	5,67,207
In England. ...	...	...	...	...	...	...	...	...	...	...	1,638
Total ..	57,280	63,320	1,20,600	3,00,000	98,100	6,300	...	5,25,000	5,50,000	5,50,000	5,68,845
PROVISION FROM CONTRIBUTIONS.											
In India ...	...	...	...	...	...	...	...	...	...	...	...
Grand Total ..	57,280	63,320	1,20,600	3,00,000	98,100	6,300	...	5,25,000	5,50,000	5,50,000	5,68,845

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

	BUDGET-ESTIMATE, 1888-89.						REVISED ESTIMATE, 1887-88.	BUDGET-ESTIMATE, 1887-88.	ACTUALS, 1886-87.
	ORIGINAL WORKS.			TOOLS AND PLANT.	SUSPENSE ACCOUNT.	TOTAL.			
	In progress.	Not commenced.	Total.						
							Rs.		Rs.
	...	...	...	...	...	...	...	...	1,638
Total ...	...	...	...	...	...	...	...	...	1,638

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS A

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				<i>Original Works.</i>	
(1) Accommodation for troops— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Gun-shed for Royal Artillery ...	15,537
	West Coast.	Malapuram ...	2	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,82,867
Accommodation for Native troops.	Presidency.	Bangalore ...	3	Additions, &c., to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	21,636
				Total ...	...

[4]

MADRAS.

I.

ORIGINAL WORKS FOR THE YEAR 1888-89.
WORKS.

OUTLAY.		GRANT, 1888-89.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	3,970	8,956	...		1	G.O., No. 3236 W., dated 28th November 1887.
1,22,672	20,000	20,000	...		2	G.O., No. 2822 W., dated 21st October 1887. Item No. 1, class A works, budget of 1887-88.
15,188	6,636	5,000	...		3	G.O., No. 2952 W., dated 29th November 1884. Item No. 2, class A works, budget of 1887-88. Supplemental estimate is awaited.
...	...	33,956	...	33,956		

[5]

IMPERIAL
MILITARY WORKS.

MADRAS.

PART
DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS B

I—cont.

ORIGINAL WORKS FOR THE YEAR 1888-89.
WORKS.

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
(1) Accommodation for troops—Buildings for European troops in the plains. Permanent.	Nilgiri ...	Wellington ...	1	Quarters for three Apothecaries ...	...
	Chingleput.	Poonamallee...	2	New barracks ...	...
	Presidency.	Bangalore ...	3	New saddle room, British Cavalry...	...
Accommodation for Native troops.	Do. ...	Madras ...	4	Constructing 4 latrines—2 for males and 2 for females—Perambur lines.	...
(3) Commissariat buildings.	West Coast.	Calicut ...	5	Sheds for transport animals ...	...
(8) Fortifications ...	Do. ...	Cannanore ...	6	Converting the Cannanore Fort into a defensible post.	7,790
	North Arcot.	Vellore ...	7	Constructing a draw-bridge and gate for the fort.	6,450
	Presidency.	Fort St. George.	8	Facing the enceinte of Fort St. George with Portland cement.	...
			9	Reserve with the Government for incomplete major works.	...
			10	Minor works ...	...
				Total ...	...

OUTLAY.		GRANT, 1888-89.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500	...	1	Estimate is awaited. Item No. 2, class B works, budget of 1887-88.
...	...	...	19,560	...	2	Estimate is awaited.
...	...	...	4,500	...	3	Do.
...	...	...	3,000	...	4	Estimate is awaited. Item No. 39, class C works, budget of 1887-88.
...	...	...	3,310	...	5	Estimate is awaited. Item No. 46, class C works, budget of 1887-88.
4,347	...	3,064	...	...	6	G.O., No. 3274 W., dated 1st December 1887.
...	...	...	6,450	...	7	G.O., No. 528 W., dated 7th March 1885. Item No. 11, class B works, budget of 1887-88.
...	3,000	5,000	...	...	8	Estimate is awaited. Item No. 56, class C works, budget of 1887-88.
...	...	15,260	...	...	9	
...	...	...	20,000	...	10	
...	...	23,324	63,320	86,644		

IMPERIAL.
MILITARY WORKS.

MADRAS.

APPENDIX

B.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BUT ON
CLASS B

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

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
(1) Accommodation for troops—	Bellary	Bellary	1	Infectious disease ward, cook-house and station hospital.	6,140
Buildings for European troops in the plains. Permanent.	Do.	Do.	2	Alterations and additions to Military prison and adjoining buildings.	...
	Do.	Do.	3	Swimming-bath, British Infantry.	7,644
	Do.	Do.	4	Armourer's shop, 2nd Light Cavalry.	2,695
	Do.	Do.	5	Quarters for the Bandmaster, British Infantry.	...
	Do.	Do.	6	Quarters for Schoolmaster, British Infantry Regiment.	...
	Do.	Do.	7	Quarters for Schoolmistress, British Infantry Regiment.	...
	Do.	Do.	8	Armourer's shop for the Arsenal...	...
	Nilgiri	Wellington	9	Gymnasium, 2nd Royal Fusiliers.	...
	West Coast.	Calicut	10	A new barrack with subsidiary buildings for 30 men.	...
	Chingleput	Poonamallee	11	Improving the old barracks	...
	Do.	Do.	12	Warrant Officers' quarters	...
	Do.	Do.	13	Two Staff Sergeants' quarters, first class.	...
	Do.	Do.	14	Coffee shop	...
	Do.	Pallavaram	15	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
	Do.	St. Thomas' Mount.	16	A wheeler and collar maker's shop for the West barracks.	5,660
	Do.	Do.	17	Sergeants' mess for East barracks.	...
	Do.	Do.	18	Quarters for 3 Medical Subordinates attached to the Station Hospital.	...
	Do.	Do.	19	Quarters for head-quarters staff, Royal Artillery.	...
	Do.	Do.	20	General improvements to the drains of the cantonment.	...

OUTLAY.		AMOUNT APPLIED FOR 1888-89.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,140	...	1	G.O., No. 320 W., dated 7th February 1884. Item No. 4, class C works, budget of 1887-88.
...	...	...	11,260	...	2	Estimate is awaited. Item No. 5, class C works, budget of 1887-88.
...	...	...	7,644	...	3	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1887-88.
...	...	...	2,695	...	4	G.O., No. 2266 W., dated 14th September 1881. Item No. 1, class C works, budget of 1887-88.
...	...	...	3,520	...	5	Estimate is awaited.
...	...	...	2,950	...	6	Do. do.
...	...	...	2,950	...	7	Do. do.
...	...	...	4,650	...	8	Do. do.
...	...	...	10,000	...	9	Estimate is awaited. Item No. 7, class C works, budget of 1887-88.
...	...	...	20,000	...	10	Estimate is awaited. Item No. 10, class C works, budget of 1887-88.
...	...	...	5,000	...	11	Estimate is awaited. Item No. 31, class C works, budget of 1887-88.
...	...	...	3,500	...	12	Estimate is awaited. Item No. 32, class C works, budget of 1887-88.
...	...	...	6,000	...	13	Estimate is awaited. Item No. 33, class C works, budget of 1887-88.
...	...	...	9,000	...	14	Estimate is awaited. Item No. 34, class C works, budget of 1887-88.
...	...	...	3,000	...	15	Estimate is awaited. Item No. 30, class C works, budget of 1887-88.
...	...	...	5,660	...	16	G.O., No. 2717 W., dated 3rd November 1884. Item No. 21, class C works, budget of 1887-88.
...	...	...	6,000	...	17	Estimate is awaited. Item No. 22, class C works, budget of 1887-88.
...	...	...	8,000	...	18	Estimate is awaited. Item No. 24, class C works, budget of 1887-88.
...	...	...	12,000	...	19	Estimate is awaited. Item No. 25, class C works, budget of 1887-88.
...	...	...	10,000	...	20	Estimate is awaited. Item No. 23, class C works, budget of 1887-88.

IMPERIAL.
MILITARY WORKS.

MADRAS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BUT ON
CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— <i>cont.</i>	
				MILITARY— <i>cont.</i>	
				<i>Original Works—cont.</i>	
(1) Accommodation for troops— Buildings for European troops in the plains. Permanent.	Chingleput.	St. Thomas Mount.	21	Battery office for P/1st Royal Artillery, East barracks.	...
	Do. ...	Do.	22	Raising the roof of harness room, troop lines.	4,200
	Do. ...	Do.	23	Wooden shed at the proof range ...	2,820
	Do. ...	Do.	24	Converting the disused gun-shed between the north barracks and main guard into a coffee shop, recreation room and library.	2,520
	Presidency.	Fort St. George.	25	Remodelling the drainage ...	...
	Do. ...	Do.	26	Sundry works in connection with extra accommodation, British Infantry and Royal Artillery.	...
	Do. ...	Do.	27	Repairs to floors of B, C and D blocks family quarters.	...
	Do. ...	Do.	28	Construction of coach houses and stables for the use of officers.	...
	Do. ...	Do.	29	Constructing two solitary cells in the Military prison.	...
	Do. ...	Bangalore	30	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240
	Do. ...	Do.	31	New orderly room, or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers.	...
	Do. ...	Do.	32	Battery office for Royal Horse Artillery.	...
	Do. ...	Do.	33	Buildings for wheeler's shop, Royal Artillery.	...
	Do. ...	Do.	34	Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	...
	Do. ...	Do.	35	Drainage, British Infantry barracks.	...

B—*cont.*

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

OUTLAY.		AMOUNT APPLIED FOR 1888-89.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,000		21	Estimate is awaited. Item No. 26, class C works, budget of 1887-88.
...	...	...	4,200		22	G.O., No. 3137 W., dated 17th December 1881. Item No. 27, class C works, budget of 1887-88.
...	...	...	2,820		23	G.O., No. 3077 W., dated 13th December 1884. Item No. 28, class C works, budget of 1887-88.
...	...	...	2,520		24	G.O., No. 1234 W., dated 28th May 1885. Item No. 29, class C works, budget of 1887-88.
...	...	...	10,000		25	Estimate is awaited. Item No. 14, class C works, budget of 1887-88.
...	...	...	20,000		26	Estimate is awaited.
...	...	...	10,070		27	Do. do.
...	...	...	15,770		28	Estimate is awaited. Item No. 15, class C works, budget of 1887-88.
...	...	...	2,800		29	Estimate is awaited.
...	...	...	10,240		30	G.O., No. 2384 W., dated 20th September 1886. Item No. 17, class C works, budget of 1887-88.
...	...	...	6,500		31	Estimate is awaited. Item No. 18, class C works, budget of 1887-88.
...	...	...	3,700		32	Estimate is awaited.
...	...	...	3,100		33	Do. do.
...	...	...	2,846		34	Do. do.
...	...	...	8,000		35	Do. do.

IMPERIAL.
MILITARY WORKS.

MADRAS.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BUT CLASS

APPENDIX

B—cont.

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

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs. ...
				IMPERIAL ORDINARY— cont.	
				MILITARY—cont.	
				Original Works—cont.	
(1) Accommodation for troops—	Presidency.	Bangalore	36	Quarters for Senior Apothecary, North Station hospital.	5,300
Buildings for European troops in the plains. Permanent	Do. ...	Do. ...	37	Quarters for the Assistant Apothecary, North Station hospital.	4,773
Accommodation for Native troops.	Vizagapatam.	Vizianagram.	38	Regimental store-room for Native Infantry, including storage for camp equipage.	3,480
	Bellary	Bellary	39	School-house for Native Infantry Regiment.	3,030
	West Coast.	Mangalore	40	Providing drains for the lines of Native Infantry.	...
	Chingleput.	Pallavaram	41	Magazine for Madras Infantry Regiment on standard plan.	4,900
	Do. ...	Do. ...	42	Armourer's shop for Madras Infantry Regiment.	2,880
	Presidency.	Bangalore	43	Public buildings for a regiment of Native Infantry.	30,990
	Do. ...	Madras	44	Flushing drains of Native Infantry lines at Rayapuram.	4,300
(2) Ordnance Works ...	Trichinopoly.	Trichinopoly.	45	Store-rooms and workshop, &c., for four Pioneers.	...
	Bellary	Bellary	46	Constructing six double quarters for the Staff Sergeants attached to the Ordnance Department.	42,420
	Do. ...	Do. ...	47	Converting the old regimental hospital now used as a Government school into quarters for 9 Warrant Officers, Ordnance Department.	...
	Presidency.	Fort St. George.	48	Magazines ...	...
	Do. ...	Madras	49	Extra accommodation as store-room in the Gun Carriage Factory.	6,245

OUTLAY.		AMOUNT APPLIED FOR 1888-89.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,300	...	36	G.O., No. 3385 W., dated 27th November 1883. Item No. 19, class C works, budget of 1887-88.
...	...	...	4,773	...	37	G.O., No. 938-2 W., dated 5th April 1884. Item No. 20, class C works, budget of 1887-88.
...	...	...	3,480	...	38	G.O., No. 2628 W., dated 27th October 1884. Item No. 35, class C works, budget of 1887-88.
...	...	...	3,030	...	39	G.O., No. 149 W., dated 17th January 1884. Item No. 36, class C works, budget of 1887-88.
...	...	...	11,710	...	40	Estimate is awaited. Item No. 38, class C works, budget of 1887-88.
...	...	...	4,500	...	41	G.O., No. 334 W., dated 8th February 1886. Item No. 41, class C works, budget of 1887-88.
...	...	...	2,880	...	42	G.O., No. 3149 W., dated 22nd December 1884. Item No. 42, class C works, budget of 1887-88.
...	...	...	15,000	...	43	G.O., No. 1302 W., dated 25th May 1886. Item No. 6, class B works, budget of 1887-88.
...	...	...	4,300	...	44	G.O., No. 1397 W., dated 4th June 1884. Item No. 40, class C works, budget of 1887-88.
...	...	...	4,900	...	45	Estimate is awaited. Item No. 43, class C works, budget of 1887-88.
...	...	...	10,000	...	46	G.O., No. 1650 W., dated 18th June 1887. Item No. 8, class B works, budget of 1887-88.
...	...	...	20,380	...	47	Estimate is awaited.
...	...	...	33,000	...	48	Estimate is awaited. Item No. 9, class B works, budget of 1887-88.
...	...	...	6,000	...	49	G.O., No. 2946 W., dated 5th November 1887. Item No. 45, class C works, budget of 1887-88.

IMPERIAL.
MILITARY WORKS.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BUT OF
CLASS B

APPENDIX

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY— concl'd.	
				MILITARY—concl'd.	
				Original Works—concl'd.	
(2) Ordnance Works...	Presidency.	Madras	50	Coal store, Ordnance Department.	...
	Do.	Do.	51	Providing sun-shades to doors and windows in the Ordnance Lines.	4,160
	Do.	Do.	52	Shed for the camp equipage	6,935
(3) Commissariat Buildings.	Nilgiri	Wellington	53	Quarters for three Hospital Purveyors.	...
	West Coast.	Malapuram	54	Cattle shed for the Commissariat Department.	...
	Do.	Quilon	55	Armourer's shop	...
	Chingleput.	Guindy	56	Quarters for Station Butcher attached to slaughter-house.	...
	Presidency.	Bangalore	57	Quarters for a Conductor, Transport Department.	5,800
	Do.	Do.	58	Quarters for an Ambulance Sergeant near Cattle lines, Transport Department.	...
	Do.	Madras	59	Lines for Transport attendants	...
	Do.	Do.	60	Workshops and sheds for carts, doolies, &c., Transport Department.	...
	Do.	Do.	61	Quarters for a Conductor, Commissariat Department.	...
	Do.	Teynampet	62	Constructing a wheat godown	...
(8) Fortifications	West Coast.	Malapuram	63	Constructing a fortified post	8,248
	Presidency.	Fort St. George	64	Demolition of Wallajah ravelin and two lunettes.	...
	Do.	Do.	65	Constructing a draw-bridge at north gate.	...
	Do.	Do.	66	Demolition of out-houses, clearance of ditch and completion of walls	...
(4) Staff and Miscellaneous.	Nilgiri	Ootacamund.	67	Water-supply, Lawrence Asylum...	...

MADRAS.

B—concl'd.

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

OUTLAY.		AMOUNT APPLIED FOR 1888-89.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	9,000	15,000	...	...	50	Estimate is awaited. Item No. 10, class B works, budget of 1887-88.
...	...	...	4,160	...	51	G.O., No. 2248 W., dated 22nd August 1887.
...	...	...	6,935	...	52	G.O., No. 2558 W., dated 27th September 1887. Item No. 51, class C works, budget of 1887-88.
...	...	...	4,500	...	53	Estimate is awaited.
...	...	...	4,000	...	54	Do. do.
...	...	...	2,600	...	55	Do. do.
...	...	...	4,740	...	56	Estimate is awaited. Item No. 53, class C works, budget of 1887-88.
...	...	...	5,800	...	57	G.O., No. 992 W., dated 16th April 1886. Item No. 47, class C works, budget of 1887-88.
...	...	...	3,000	...	58	Estimate is awaited. Item No. 48, class C works, budget of 1887-88.
...	...	...	48,000	...	59	Estimate is awaited. Item No. 49, class C works, budget of 1887-88.
...	...	...	40,680	...	60	Estimate is awaited. Item No. 50, class C works, budget of 1887-88.
...	...	...	4,000	...	61	Estimate is awaited.
...	...	...	5,950	...	62	Estimate is awaited. Item No. 52, class C works, budget of 1887-88.
...	...	...	5,000	...	63	G.O., No. 3114 W., dated 18th November 1887. Item No. 55, class C works, budget of 1887-88.
...	...	...	7,426	...	64	Estimate is awaited. Item No. 57, class C works, budget of 1887-88.
...	...	...	2,680	...	65	Estimate is awaited. Item No. 58, class C works, budget of 1887-88.
...	...	...	10,000	...	66	Estimate is awaited.
...	...	...	7,000	...	67	Estimate is awaited. Item No. 54, class C works, budget of 1887-88.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From the Superintending Engineer, I Circle, dated 10th Oct. 1887, No. 251 G.L.
 " " " II " " 14th " " " —
 " " " III " " 1st " " " —
 " " " IV " " 2nd " " " 395 E.W.
 " " " V " " 24th " " " 2989.
 " " " V " " 13th Dec. " " 3877.
 " " " VI " " 16th Sept. " " 1149 T.J.

From E. COLLEN, Esq., Officiating Secretary to the Government of India, Public Works Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 3rd November 1887, No. 2309 M.W.

EXTRACT from the Proceedings of the Government of India in the Military Department, under date Simla, the 3rd November 1887.

Resolution.—The following provisional distribution of the Imperial grant for Military Works for 1888-89 is hereby notified:—

	RS.
Central India	1,50,000
Hyderabad	3,00,000
Rajputana	1,40,000
Simla Imperial Circle	2,000
Military Works Department	59,00,000
Central Provinces	1,50,000
Lower Burma	5,00,000
Assam	3,00,000
Bengal	36,000
North-Western Provinces and Oudh	67,000
Punjab	3,50,000
Madras	5,25,000
Bombay	11,00,000
Ordnance Works	2,50,000
Marine Works	80,000
Total	98,50,000
Leaving for reserve with the Government of India	1,50,000
	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 1888-89, and the amounts available for each work.

4. The preliminary budget estimates should be prepared for the amounts now provisionally sanctioned, and should be submitted so as to reach the Government of India punctually by the 15th January 1888.

5. Orders as regards the grants required for special defence works will issue hereafter.

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

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

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

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 28th November 1887, No. 4644 A.

In acknowledging the receipt of your letter, No. 4170 C., dated 18th 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 of the small allotment available out of it for major works, I am desired to express the regret of the Commander-in-Chief that he finds himself under the necessity of remarking, with disappointment, on the inadequacy of the grant made as compared with the wants of the Presidency, which have been repeatedly urged by his predecessors and which he feels sure are realised by Government.

2. In regard to the statement of major works proposed to be carried out in 1888-89, I am to offer the following remarks:—

Item 3.—As the Government of India has recently † declined to sanction the provision of any storage accommodation to a Pioneer Regiment

to a regiment of Native Infantry, the grant for extra public buildings to the Pioneer Regiment at Bangalore might be reduced from Rs. 12,000 to Rs. 5,000, so that in the coming year only the additions to the places of arms, of the necessity for which there can be no question, may be provided for, leaving the matter of extra storage accommodation, regarding which Government will be addressed later, to stand over for the present.

Item 7.—As, owing to the detention in Burma of a regiment of Madras Cavalry, a regiment will not be placed at Bangalore for the present, the funds proposed to be allotted for providing a regiment there with public buildings may be utilised otherwise.

Item 8.—This being distinctly an Ordnance work, should not find a place in the statement.

The amount set free under the suggestions above put forward is Rs. 28,935, which His Excellency would propose to redistribute as follows:—

I. *New barracks at Poonamallee, Rs. 19,671.*—The urgency of this work has already been suggested to Government in the Military Department ‡, and it is presumed that about Rs. 20,000 should be set aside for it to secure its rapid prosecution.

II. *Completing defences of the Fort at Cannanore, Rs. 3,064 §.*—Work in connection with this fort has been spasmodically dealt with of late years, and it seems desirable that in the coming year the funds requisite to complete it should be provided.

§ Estimate submitted with Quartermaster-General's No. 3243-B., 11th November 1887, to Secretary to Government, Military Department.

III. *Sheds for transport animals at Calicut, Rs. 3,310.*—The redistribution of troops in the Western Coast has increased the allotment of transport to Calicut, and it is very desirable that cover should be provided for the animals at an early date.

IV. *New latrines, Native Infantry lines, Perambar, Madras, Rs. 3,000.*—These are very much wanted on sanitary grounds.

3. It will be observed that in these proposals works in connection with increased accommodation for troops in Fort St. George are not mentioned, and it may be explained that they are not so, because the Commander-in-Chief hopes there may be no question in regard to their being provided for out of a special grant to be obtained from the Government of India.

From the Director-General of Ordnance in India, dated 16th December 1887, No. 62 E.

ORDER—dated 6th January 1888, No. 31 W., Public Works.

In the resolution above recorded, the Government of India have provisionally assigned Rs. 5,25,000 as the grant for Military Works of this Presidency for 1888-89. The distribution of the grant under departmental heads is as follows:—

	RS.
Works	4,20,600
Establishment	98,100
Tools and Plant	6,300
Total	5,25,000

2. Of the sum of Rs. 4,20,600 available for works, Rs. 3,00,000 for repairs, Rs. 15,260 for incomplete major works of 1887-88, and Rs. 20,000 for minor works have been set aside, and the balance, Rs. 85,340, has been distributed to major works with the approval of His Excellency the Commander-in-Chief. The amounts set aside for incomplete major works and minor works and repairs will, as usual, be held at the disposal of Government and will be appropriated early next year on receipt of detailed proposals from Superintending Engineers. After providing for incomplete minor works of the current year, and for such of the minor new works as may be considered urgent, the balance of the minor works grant will be placed at the disposal of officers commanding divisions and districts.

3. 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.

4. With reference to paragraph 3 of the resolution of the Government of India above recorded, a list of the marginally-noted Ordnance works, proposed by His Excellency the Commander-in-Chief for execution during 1888-89, was forwarded to the Director-General of Ordnance with request that he would select the works to be undertaken during the year and allot funds for them. As that officer has not yet communicated the available grant, and as the estimate should reach the Government of India before the 15th proximo, the budget for 1888-89 has been prepared for the sum of Rs. 5,25,000 sanctioned by the Government of India for other

- (1) Constructing six double quarters for the Staff Sergeants attached to the Ordnance Department, Bellary.
- (2) Magazines, Fort St. George.
- (3) Converting the old regimental hospital now used as a Government school into quarters for 9 Warrant Officers, Ordnance Department, Bellary.
- (4) Extra accommodation as store-room in the Gun Carriage Factory, Madras.
- (5) Providing sun-shades to the exposed doors and windows in the Ordnance Lines, Madras.
- (6) Shed for the Camp Equipage, Madras.

than Ordnance works. On receipt of a reply from the Director-General of Ordnance the allotments made by him will be communicated to the Government of India and included in the final issue of the budget.

5. The attention of the Government of India will be drawn to the remarks in the concluding paragraph of the Quartermaster-General's letter above recorded, with a request that a sum of Rs. 5,680, being the balance of the estimate, may be provided for conversion of certain buildings in Fort St. George into barracks for 60 single men—a work which, though of considerable importance, cannot be provided for out of the limited sum assigned for Military Works in the Presidency.

6. The items in the budget, for which estimates have not yet been sanctioned, have been entered at the special request of His Excellency the Commander-in-Chief, and, as it is hoped that the estimates for them will shortly be ready, the Government of India will be requested to allow the amounts provided for them to stand.

7. With these remarks the preliminary issue of the Military Works budget estimate for 1888-89 will be printed and circulated to the officers concerned for information and guidance, and four copies forwarded to the Government of India.

(Here enter No. 32 W., dated 6th January 1888.)

(True Extract.)

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

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

ENDORSEMENT—dated 6th January 1888, No. 32 W., Public Works.

Forwarded.

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

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of 1887 Madras.
PUBLIC WORKS.

Dated November, 9th.

Recd.

Encl.

G.O., 9th Nov. 1887, No. 3000 W.

NOVEMBER.

Old Adjutant-General's Office,
Fort St. George

Estimate of Rs. 5,400 for converting the
— into barracks for 60 single men, sanc-
tioned with remarks.

9TH NOVEMBER 1887, No. 3000 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 8th October 1887, No. 3762 A. :—

With reference to this office letter, No. 2807 A., of 10th August 1887, I have the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned :—

Estimate, amounting to Rs. 5,400, for converting the old Adjutant-General's office block into barracks for 60 single men, British Infantry, Fort St. George, with report and plan.

No. 6483, Military.

Approved and transferred to the Public Works Department.

(By Order.)

FORT ST. GEORGE,
24th October 1887.

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

ORDER—dated 9th November 1887, No. 3000 W., Public Works.

The estimate, amounting to Rs. 5,400, for converting the old Adjutant-General's office, Fort St. George, into barracks for 60 single men, is sanctioned as supplemental to the estimate of Rs. 19,697 referred to in G.O., No. 2685 W., dated 12th October 1887.

2. The submission of the information called for from the Superintending Engineer, V Circle, in paragraph 2 of the Government Order above quoted, should be expedited in view to application being made to the Government of India for a special allotment of funds for the extra accommodation required for increased strength of British troops in Fort St. George.

3. This sanction has been registered as Imperial Ordinary No. 46 W. of 1887-88, and classified as Military Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with four enclosures.

„ Examiner, Public Works Accounts, with the duplicate abstract estimate.

„ Military Department.

Exd. A. Aubert.

Spare Copies