(1) Number of pages 3 fp

(2) Date of repair 23.1.88

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. 534-W

B.P. No.

Press.

Mis.

Dated 24. 2. 1887 ~~198~~.

Not to be folded or roughly handled

536/1

24TH FEBRUARY 1887, No. 534 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, 5th February 1887, No. 552 A.:—

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:—

Plan and estimate, amounting to Rs. 4,740, for constructing workshops and store-rooms for a Pioneer regiment at Bangalore.

2. As Sir Charles Arbuthnot considers it doubtful whether, with the little experience the 1st Madras Pioneers have, they would be able to carry out this work without assistance from the Public Works Department, I am to say that His Excellency will decide, after the return of the regiment from Burmah in March or April next, whether the work should be executed by the Public Works Department, or whether it should be carried out by the regiment, materials only being supplied. In the latter case, the men will receive working pay only, and there will probably be some saving in cost.

No. 790, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

FORT ST. GEORGE,
7th February 1887.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Secretary to Government.

ORDER—dated 24th February 1887, No. 534 W., Public Works.

The estimate, amounting to Rs. 4,740, for constructing workshops and store-rooms for a Pioneer regiment at Bangalore, is sanctioned.

2. A sum of Rs. 3,000 has been provided for the buildings in the preliminary issue of the budget for 1887-88, but the work will not be commenced by the Public Works Department until receipt of the promised report whether it can be undertaken by the 1st Madras Pioneers.

3. The sanction accorded in paragraph 1 has been registered as Imperial, Ordinary, No. 37 W. of 1886-87, and classified as Military, Original Works.

(True Extract.)

Captain, R.E.,
Under Secy. 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. P. L. Pereira.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1887] Madras

PUBLIC WORKS.

Dated February, 24th.

Recd. *Encl.*

G.O., 24th Feb. 1887, No. 534 W

FEBRUARY.

Workshops and Store-rooms for a Pioneer Regiment at Bangalore

Estimate of Rs. 4,740 for constructing —, sanctioned.

539/2

30TH DECEMBER 1885, No. 3093 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From the Government of India, Military Department, dated 27th October 1885, No. 1208 M.W.

Extract from the Proceedings of the Government of India, in the Military Department,—(under date Simla, the 27th October 1885).

Distribution of the Imperial Grant for Military Works for 1886-87.

Resolution—

The Government of India are pleased to make the following provisional distribution of the grant for 1886-87:—

	RS.
Reserved with the Government of India	4,00,000
Central India	1,50,000
Hyderabad	3,10,000
Rajputana	1,75,000
Military Works Department	57,50,000
Central Provinces	1,50,000
British Burma	3,60,000
Assam	1,50,000
Bengal	60,000
North-Western Provinces and Oudh	1,12,000
Punjab	2,80,000
Madras	6,50,000
Bombay	14,53,000
Total ...	100,00,000

2. In addition to the above, the following special grants are provisionally allotted for Coast Defences:—

	RS.
Military Works Department	50,000
British Burma	1,85,000
Bombay	8,50,000
Total ...	10,85,000

3. The grants sanctioned herein include provision for any expenditure that may be incurred in England on stores for works classified as Military.

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 1886.

Order—

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burma and Assam.
The Resident at Hyderabad.
The Agents to the Governor-General for Central India and Rajputana.
The Inspector-General of Military Works.

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

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

(Signed) O. R. NEWMARCH, Colonel,
Offg. Secretary to the Government of India.

To the Secretary to the Government of Madras,
Public Works Department.

From the Superintending Engineer,	I	Circle,	dated	7th November	1885, No.	300 G.L.
,, ,, ,,	III	,,	,,	25th September	,, ,,	—
,, ,, ,,	IV	,,	,,	6th October	,, ,,	403 E.
,, ,, ,,	V	,,	,,	5th ,,	,, ,,	2870.
,, ,, ,,	V	,,	,,	5th ,,	,, ,,	2871.
,, ,, ,,	VI	,,	,,	21st September	,, ,,	1005 T.J.

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 1st December 1885, No. 4121 A.

In returning the statement received with your letter, No. 1897 C., dated 19th ultimo, I have the honor, by order, to state that the proposed distribution of the grant as therein indicated is approved by the Provincial Commander-in-Chief.

ORDER—dated 30th December 1885, No. 3092 W., Public Works.

In the resolution read above, the Government of India provisionally assigned a grant of Rs. 6,50,000 for the Military Works of this Presidency for 1886-87. This grant, distributed under departmental heads, will be as follows:—

	RS.
Original Works, Major	2,29,616
Do. Minor	22,000
Repairs	2,71,368
Establishment	1,21,786
Tools and plant	5,230
Total ...	6,50,000

2. The distribution of the grants to Major Works has been approved by the Provincial Commander-in-Chief. The grants for Minor Original Works and Repairs will, as usual, be held at the disposal of the Government and be appropriated early next year on receipt of detailed proposals from Superintending Engineers, and from the Provincial Commander-in-Chief in the case of grants to be placed at the disposal of officers of the Military Department commanding divisions and districts.

3. The total demands for the year on account of Minor Original Works and Repairs amount respectively to Rs. 1,00,000 and Rs. 3,50,000, as detailed in the schedule of Military requirements for that year, forwarded to the Government of India with Proceedings, No. 2446 W., dated 20th October 1885. As the grant for 1886-87 was assigned before receipt of the schedule referred to above, and as many important works are now held in abeyance from want of sufficient funds, the Government of India will be specially requested to increase the grant already assigned, so that the requirements under these heads may be met fully.

4. The Superintending Engineer, V Circle, will submit, at the earliest possible date, plans and estimates for Items 4 and 9 under Class B Works.

5. The grant originally assigned by the Government of India for 1885-86 was Rs. 6,50,000. This was subsequently reduced to Rs. 4,50,000 on account of the financial pressure in the year.

6. With these remarks, the preliminary issue of the Military Works budget estimate will be printed and circulated to the officers concerned, and four copies forwarded to the Government of India.

(Here enter No. 3093 W., dated 30th December 1885.)

(True Extract.)

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

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

ENDORSEMENT—dated 30th December 1885, No. 3093 W., Public Works.

Copy of the above forwarded to the Government of India.

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

Exd. A. Raitt.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated December, 30th.

Recd. *Encl.*

G.O., 30th Dec. 1885, No. 3093 W.

DECEMBER.

Imperial Budget Estimate of Military Works for 1886-87

Forwarding copies of the preliminary issue of the —

PRELIMINARY ISSUE.

534/4

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1886-87.

CHEPÂK,
30th December 1885.

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

538/8

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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

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Appendix B.—List of Class C Works ... ... 8 to 13

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1886 TO 31st MARCH 1887.

—	Budget-Estimate, 1886-87.	Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	30,000	29,500	29,500	33,586
In Civil and Military Departments	...	...	...	...
Total ...	30,000	29,500	29,500	33,586

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT ON MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1886 TO 31st MARCH 1887.

—		Reference to Detailed Estimate.	Budget-Estimate, 1886-87.	Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
			Rs.	Rs.	Rs.	Rs.
Original Works.	In progress ...	...	91,609	1,90,888	2,29,646	2,09,361
	Not commenced.	...	1,60,007			
Repairs	Ordinary ...	...	2,71,368	1,71,311	2,94,549	2,83,366
	Special ...	...	...			
Establishment		...	1,21,786	84,205	1,20,563	1,14,345
Tools and Plant		...	5,230	3,596	5,242	4,935
Suspense Account		...	...	...	...	...
Total ...		...	6,50,000	4,50,000	6,50,000	6,12,007

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

—	Budget-Estimate, 1886-87.									Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
	Original Works.											
	In progress.	Not commenced.	Total.	Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.			
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	91,609	1,60,007	2,51,616	2,71,368	1,21,786	5,230	...	...	6,50,000	4,50,000	6,50,000	6,12,007
In England.	...	...	...	...	...	...	...	...	...	...	...	250
Total ...	91,609	1,60,007	2,51,616	2,71,368	1,21,786	5,230	...	...	6,50,000	4,50,000	6,50,000	6,11,757
Provision from Contributions.												
In India ...	...	...	...	...	...	...	...	...	...	...	...	261
Grand Total.	91,609	1,60,007	2,51,616	2,71,368	1,21,786	5,230	...	...	6,50,000	4,50,000	6,50,000	6,12,018

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

—	Budget-Estimate, 1886-87.						Revised Estimate, 1885-86.	Budget-Estimate, 1885-86.	Actuals, 1884-85.
	Original Works.								
	In progress.	Not commenced.	Total.	Tools and Plant.	Suspense Account.	Total.			
	...	...	...	...	...	...	...	...	250
Total ...	...	...	...	...	...	...	...	...	250

PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1886-87.

CLASS A. WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Grant, 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					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	Constructing a barracks for a detachment of British Infantry to accommodate 100 men.	1,35,094	83,531	31,448	20,115	...		1	G.O., No. 2845 W., dated 27th November 1885. Item No. 2, class A works, budget of 1885-86.
	Presidency.	Fort St. George.	2	Converting a racket court into a covered gymnasium.	11,890	...	2,000	9,890	...		2	G.O., No. 1552 W., dated 20th June 1884. Item No. 1, class B works, budget of 1885-86.
	Chingleput.	St. Thomas' Mount.	3	New barracks for Royal Artillery...	1,46,910	97,379	22,458	27,073	...		3	G.O., No. 1274 W., dated 2nd June 1885. Item No. 1, class A works, budget of 1885-86.
	Do. ...	Do. ...	4	Constructing six blocks of stables for two field batteries of Royal Artillery.	21,702	10,000	9,160	2,542	...	59,620	4	G.O., No. 2561 W., dated 2nd November 1885. Item No. 2, class B works, budget of 1885-86.
Buildings for Native troops.	Presidency.	Bangalore ...	5	Public buildings for a regiment of Native Cavalry.	23,490	...	...	...	14,000		5	G.O., No. 1552 W., dated 20th June 1884. Item No. 4, class B works, budget of 1885-86.
	Trichinopoly.	Trichinopoly...	6	Public buildings for two regiments of Native Infantry.	35,650	12,739	3,370	18,000	...	32,000	6	G.O., No. 2194 W., dated 5th September 1884. Item No. 3, class A works, budget of 1885-86.
(2) Ordnance Works ...	Presidency.	Fort St. George.	7	Armament of Fort St. George ...	42,035	8,036	31,035	2,964	...	2,964	7	G.O., No. 2970 W., dated 19th October 1883. Item No. 4, class A works, budget of 1885-86.
(4) Fortifications ...	Do. ...	Madras ...	8	Alterations to the Coast Batteries.	14,265	...	8,240	6,025	...		8	G.O., No. 2126 W., dated 11th September 1885.
	Do. ...	Bangalore ...	9	Fortified post at Agram	38,790	34,467	3,020	5,000	...	11,025	9	G.O., No. 3059 W., dated 18th December 1885. Further estimates are awaited.
				Total ...	...	...	...	91,609	14,000	1,05,609		

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PART I—*cont.*

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1886-87.

CLASS B WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Grant, 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Reconstructing double apothecaries' quarters, station hospital.	6,222	...	...	...	6,222		1	G.O., No. 1806 W., dated 3rd August 1885.
	Nilgiri ...	Wellington ...	2	Hospital accommodation for women and children.	3,036	...	...	...	3,036		2	G.O., No. 1573 W., dated 6th July 1885, Item No. 15, class C works, budget of 1885-86.
	Presidency ...	Fort St. George.	3	Improving water-supply	6,445	...	...	...	6,445		3	G.O., No. 2454 W., dated 20th October 1885.
	Do. ...	Do. ...	4	Alterations necessary towards rendering the offices of the Accountant-General and Controller of Military Accounts suitable for occupation by troops.	...	...	...	...	40,000		4	Estimate is awaited.
	Do. ...	Bangalore ...	5	Additions to the Military prison ...	8,325	...	...	...	8,325		5	G.O., No. 938 W., dated 5th April 1884. Item No. 3, class B works, budget of 1885-86.
	Chingleput...	St. Thomas' Mount.	6	Constructing a coffee shop with kitchen for the upper story barracks.	6,690	...	...	...	4,320	68,348	6	G.O., No.1390 W., dated 15th June 1885.
Buildings for Native troops.	West Coast.	Quilon ...	7	Constructing a regimental store-shed.	9,334	...	...	...	9,334	9,334	7	G.O., No. 1556 W., dated 3rd July 1885. Item No. 32, class C works, budget of 1885-86.
	Presidency.	Bangalore ...	8	Public buildings for one regiment of Native Infantry.	21,636	...	...	...	10,000	10,000	8	G.O., No. 2952 W., dated 29th November 1884. Item No. 27, class C works, budget of 1885-86.
(2) Ordnance Works...	Do. ...	Fort St. George.	9	Constructing a new magazine in the Wallajah berm.	...	...	...	...	20,000		9	Estimate is awaited.
	Do. ...	Madras ...	10	New wheelers shop, Gun Carriage Factory.	7,370	...	...	...	7,370		10	G.O., No. 2870 W., dated 17th November 1884. Item No. 36, class C works, budget of 1885-86.
	Chingleput.	St. Thomas' Mount.	11	Alterations to racks in the Ordnance Magazine.	2,505	...	...	...	2,505	29,875	11	G.O., No. 2416 W., dated 15th October 1885.
(4) Fortifications ...	North Arcot.	Vellore ...	12	Draw-bridge and gate for the Fort.	6,450	...	...	...	6,450	6,450	12	G.O., No. 528 W., dated 7th March 1885.
			13	Minor works	...	...	...	...	22,000	22,000	13	
				Total ...	...	...	...	..	1,46,007	1,46,007		
				Grand Total ...	...	...	...	...	...	2,51,616		

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1886-87, BUT ON
EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM
CLASS B
KS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				Military.								
				Original Works.								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Improving the system of water-supply to British Infantry Barracks.	...	...	...	...	5,350	...	1	Estimate is awaited.
	Do. ...	Do. ...	2	Alterations to prisons and adjoined buildings.	...	...	...	...	11,260	...	2	Estimate is awaited.
	Do. ...	Do. ...	3	New gunshed with collarmakers' and wheelers' shop for the Royal Artillery.	5,663	...	...	...	5,663	...	3	G.O., No. 914 W., dated 3rd April 1884.
	Do. ...	Do. ...	4	Swimming-bath, British Infantry.	7,644	...	...	...	5,000	...	4	G.O., No. 2434 W., dated 19th October 1885.
	Do. ...	Do. ...	5	Infectious disease ward, station hospital.	6,140	...	...	...	5,000	...	5	G.O., No. 330 W., dated 7th February 1884.
	Do. ...	Do. ...	6	Armourer's shop, 2nd Light Cavalry.	2,695	...	...	...	2,695	...	6	G.O., No. 2266 W., dated 14th September 1881. Item No. 5, Class B works, budget of 1885-86.
	Nilgiri ...	Wellington ...	7	Gymnasium	...	...	...	...	10,000	...	7	Estimate is awaited.
	Do. ...	Do. ...	8	Drinking-water to be laid on to hospital.	...	...	...	...	5,000	...	8	Estimate is awaited.
	Do. ...	Do. ...	9	Lock hospital	...	...	...	...	4,180	...	9	Estimate is awaited.
	Do. ...	Do. ...	10	Constructing quarters with out-houses for a Barrack Sergeant.	7,348	...	...	...	7,348	...	10	G.O., No. 1941 W., dated 21st August 1885.
	West Coast.	Cannanore ...	11	Plunge-bath for British Infantry.	4,640	...	...	...	4,640	...	11	G.O., No. 418, dated 16th February 1876.
	Do. ...	Do. ...	12	Improving latrines for British Infantry.	2,780	...	...	...	2,780	...	12	G.O., No. 1056, dated 4th April 1879.
	Presidency.	Fort St. George.	13	Drainage of fort and barracks ...	...	...	...	...	10,000	...	13	Estimate is awaited.
	Do. ...	Do. ...	14	Wash-house outside the barracks ...	...	...	...	...	2,500	...	14	Estimate is awaited.
	Do. ...	Do. ...	15	Garrison bazaars to be done away with and new cook-houses built.	...	...	...	...	4,500	...	15	Estimate is awaited.
	Do. ...	Do. ...	16	Converting A, B, C, and D, blocks into barracks and quarters for a regiment of British Infantry and Garrison Battery of Royal Artillery.	...	...	...	...	4,200	...	16	Estimate is awaited.
	Do. ...	Bangalore ...	17	Schoolmaster and mistress' quarters, Royal Artillery.	...	...	...	...	6,200	...	17	Estimate is awaited.
	Do. ...	Do. ...	18	Quarters for the senior apothecary, north station hospital.	5,300	...	...	...	5,300	...	18	G.O., No. 3385, W., dated 27th November 1883.
	Do. ...	Do. ...	19	Quarters for the assistant apothecary, north station hospital.	4,773	...	...	...	4,773	...	19	G.O., No. 938 W., dated 5th April 1884.
	Do. ...	Do. ...	20	Constructing a fourth-class gymnasium.	44,600	1,788	...	42,812	...	...	20	G.O., No. 1560, dated 21st June 1876.
	Do. ...	Do. ...	21	Parade barracks—alterations and additions to wash-houses.	12,500	7,946	...	4,554	...	...	21	G.O., No. 1102 W., dated 7th May 1880.
				Carried over ...				47,366	1,06,389			

APPENDIX B—*cont.*

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1886-87, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...				47,366	1,06,389			
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(1) *Accommodation for troops*— Buildings for European troops in the plains, Permanent.	Chingleput.	St. Thomas' Mount.	22	A wheeler's and collarmaker's shop for the new Artillery barracks.	5,660	...	...	...	5,660	...	22	G.O., No. 2717 W., dated 3rd November 1884.
	Do. ...	Do. ...	23	Raising the roof of harness room, troop lines.	4,200	...	...	...	4,200	...	23	G.O., No. 3137 W., dated 17th December 1881.
	Do. ...	Do. ...	24	Wooden shed at the proof range ...	2,820	...	...	...	2,820	...	24	G.O., No. 3077 W., dated 13th December 1884.
	Do. ...	Do. ...	25	Converting the disused gunshed into a coffee shop, recreation room and library.	2,520	...	...	...	2,520	...	25	G.O., No. 1234 W., dated 28th May 1885.
	Do. ...	Pallávaram ...	26	Mortuary rooms for hospitals ...	...	...	...	...	3,000	...	26	Estimate is awaited.
	Do. ...	Do. ...	27	Constructing an armourer's shop ...	2,880	...	...	...	2,880	...	27	G.O., No. 3149 W., dated 22nd December 1884.
	Do. ...	Poonamallee.	28	Constructing a new double storied barracks.	1,06,885	6,854	...	20,000	...	...	28	G.O., No. 465 W., dated 19th February 1879.
	Do. ...	Do. ...	29	Providing lightning conductors to the hospital.	...	...	...	...	3,000	... 1,97,835	29	Estimate is awaited.
Accommodation for Native Troops.	Vizagapatam.	Vizianagram ...	30	Regimental store-room for Native Infantry.	3,480	...	...	...	3,480	...	30	G.O., No. 2628 W., dated 27th October 1884.
	Bellary ...	Bellary ...	31	School-house for a Regiment, Native Infantry.	3,030	...	...	...	3,030	...	31	G.O., No. 149 W., dated 17th January 1884.
	Presidency.	Madras (Ráyapuram).	32	Flushing drains for Native Infantry lines.	4,300	...	...	...	4,300	...	32	G.O., No. 1937 W., dated 4th June 1884.
	Do. ...	Bangalore ...	33	Store-rooms and workshops for the Pioneer Regiment.	...	...	...	...	3,000	...	33	Estimate is awaited.
	Chingleput.	Pallávaram ...	34	Magazine for a Native Infantry Regiment.	...	...	...	...	4,500	... 18,310	34	Estimate is awaited.
(2) Ordnance Works.	Presidency.	Madras ...	35	Wall round the Gunpowder Factory.	...	...	...	...	10,000	...	35	Estimate is awaited.
	Do. ...	Do. ...	36	Extra accommodation as store-room in the Gun Carriage Factory.	...	...	...	...	6,000	...	36	Estimate is awaited.
	Do. ...	Do. ...	37	Improvements to the barrel machine shop of the Gun Carriage Factory.	4,030	1,969	...	2,061	...	...	37	G.O., No. 2413 W., dated 16th September 1882.
	Do. ...	Do. ...	38	Improvements to the Gunpowder Factory.	3,52,412	2,23,985	2,000	20,000	...	..	38	G.O., No. 2707 W., dated 3rd November 1884. Item No. 5, Class A works, budget of 1885-86.
	Do. ...	Do. ...	39	Dried deposit magazine, Gunpowder Factory.	3,975	...	...	...	3,975	...	39	G.O., No. 302 W., dated 21st April 1885.
	Do. ...	Do. ...	40	One drying house for store.	...	...	...	...	26,320	...	40	Estimate is awaited.
	Do. ...	Do. ...	41	Alterations to the roof of the final dusting-house.	...	...	...	...	4,300	...	41	Estimate is awaited.
				Carried over ...				89,427	1,99,374	2,16,145		

APPENDIX

B—*concld.*

LIST OF WORKS (OR CLASS G WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1886-87, BUT ON

CLASS B

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

WORKS—*concld.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1886-87.			Item No.	Remarks and References.
						Actual to end of 1884-85.	Probable during 1885-86.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...				89,427	1,99,374	2,16,145		
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(2) Ordnance Works.	Presidency.	Tenampet ...	42	Constructing a wheat godown.	...	...	...	...	5,950	...	42	Estimate is awaited.
	Do. ...	Bangalore ...	43	Ordnance depôt buildings, Entrenchment.	...	...	...	...	4,823	... 83,429	43	Estimate is awaited.
(4) Commissariat Buildings.	Do. ...	Madras ...	44	Constructing a shed in the Camp Equipage Depôt.	...	...	...	...	5,300	...	44	Estimate is awaited.
	Do. ...	Do. ...	45	Lines for transport attendants ...	...	...	...	...	48,000	...	45	Estimate is awaited.
	Do. ...	Do. ...	46	Workshops and sheds for carts, doolies, &c., Transport Department.	...	...	...	...	5,500	...	46	Estimate is awaited.
	Do. ...	Bangalore ...	47	Quarters for a Conductor, Transport Department.	...	...	...	...	4,220	...	47	Estimate is awaited.
	Chingleput.	Guindy ...	48	Quarters for a station butcher ...	...	...	...	...	4,740	... 67,760	48	Estimate is awaited.
Fortifications.	Presidency.	Fort St. George.	49	Demolition of Wallajah Ravelin and two lunettes.	...	...	...	...	7,434	7,434	49	Estimate is awaited.
Miscellaneous.	Nilgiri ...	Ootacamund, Lowdale.	50	Water-supply, Lawrence Asylum.	...	...	...	...	7,000	7,000	50	Estimate is awaited.
				Total ...	...	...	...	89,427	2,92,341	3,81,768		

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund, 5th February 1887.

Barracks and Buildings
Estimates.

No. 552. A.

53^{0}/12

From
BRIGADIER-GENERAL E. FAUNCE,
~~The~~ QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SIR,

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

Plan and Estimate amounting to Rs. 4740/- for constructing Workshops and Store rooms for a Pioneer Regiment at Bangalore.

2. As Sir Charles Arbuthnot considers it doubtful whether, with the little experience the 1st Madras Pioneers have, they would be able to carry out this work, without assistance from the P.W.D, I am to say, that, His Excellency will decide after the return of the Regiment from Burma in March or or April next, whether the work should be executed by the P.W.D, or whether it should be carried out by the Regiment, materials only being supplied. In the latter case the men will receive working pay only, and there will probably be some saving in cost.

I have the honor to be,
Sir,
Your obedt. Servant,

E. Faunce
Brigr. Genl,
Quarter master Genl.

3093 ~~w~~ 30.12.85

P.W.C. No. 1039

Military (1887) Department.

No. ~~800~~

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

8 FEB 7

No. 790

Approved and transferred to the Public Works Department for disposal.

(By order)

A Kenney Herbert Lieut Col
Secretary to Government

Fort Saint George
7th Feby 1887.

No. 552.A

Dated 5th } Feby
Received 7 } — " —
9-2-87

ENCLOSURES. 5 (+1 plan)

Forwds Plan Est for constg workshops & store rooms for a Pioneer Regt. at Bangalore

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Public Works Department.

539/14

Current No. 1039

Letter No. 790

Dated the 7th February 1887

From the Secry. to Govt. Military Dept.

NOTE OF REMARKS.

1. The accompanying plan and estimate provide for constructing workshops and store rooms for a Pioneer Regiment at Bangalore. The estimate amounts to Rs. 4,740.

2. The proposed work consists of a rectangular pent roofed shed measuring on the outside 196 feet long and 15 feet wide. – The plan shows that commencing at one end the proposed building is divided into a store room for carpenters' tools, 15 feet x 12 feet; a carpenters' shop, 63 feet x 12 feet; a store room for miners' tools, 40 feet x 12 feet; a blacksmiths' shop, 54 ft. x 12 ft., and terminating at the other end with a storeroom for

blacksmith

on stone pillars. 539/15

3. The scantlings of all the timbers are correct. The rates are fair.

4. The plan and estimate are countersigned by the Quarter Master General and are approved in the Military Department.

BH
12/2/87

blacksmiths' tools, 15ft x 12ft
The dimensions given of the
divisions are inside mea
-surements. The masonry
of the walls is to be of
rubble stone in mortar; the
roofing is to be of Mangalore
tiles on teakwood couples
and reepers; the flooring
of the store rooms is to
of stone slabs resting on
concrete, and the flooring
of the shops is to be of
gravel 6 inches thick. Woo
shelves are provided for
the store rooms, and work
benches for the carpenter
shop. The forges of the
blacksmiths' shop are
be built of brick in mor
A brick in mortar wall, wi
a gate, for enclosing a yar
is also provided. The fronts
of the two work shops are
to be open – the roofing
above being supported
on

---

on stone pillars. 53P/15
3. The scantlings of all the
timbers are correct.
The rates are fair.
4. The plan and estimate
are countersigned by
the Quarter Master General
and are approved in
the Military Department

B.H.
12/2/87

Workshop for Pioneer Regt

The plan & Estimate may be sanctioned

12.2.87

534 W

Dat/P3

B&R
Mily: works

PUBLIC WORKS DEPARTMENT.

No. 534 W
16

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 24 Feby: /87

READ the following

Letter from the Quarter Master Genl H. E. No. 552 A dated 5 Feby 1887

Endt. thereon in the Military Dept. No. 790 d/7th Feby 1887

The estimate amounting to Rs 4740 for constructing workshops and store rooms for a Pioneer regiment at Bangalore is sanctioned.

2. A sum of Rs 3000 has been provided for the buildings ~~works~~ in the preliminary issue of the Budget for 1887-88, but the works ~~it~~ will not be

be commenced by the P.W. Department until receipt of the promised report whether it can be undertaken by the 1st Madras Pioneers

3. The sanction accorded in para 1 has been registered as Imperial Ordinary No 37 W of 1886-87 and classified as Military, Original Works

MCR
15.2.87

22/2/87

I
24/2/87

I W
24/2

To

The Supg Engineer V Circle
with 4 enclosures
" Examiner P.W. Accts
with the dup: abst: estc:
" Military Department

D
2/3/87

Cu

1839

Govt. of (1887) Madras.

PUBLIC WORKS.

Dated 25/2/87

Recd

Encl.

G.O. 24 Feby 1887, No. 534 W

Workshops & store rooms, for a Pioneer regiment at Bangalore.

Estimate of Rs 4,740 for Constg: — Sanctioned.

70
5

Cw 25/2