(1) Number of pages 200

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No. ~~B.P. No.~~	3093 W	Press. ~~Mis.~~
Dated	30. 12. 1885	~~198~~.

Not to be folded or roughly handled

Archives I--10,006 I -80.

3093
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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 —.

19th June 1885, No. 1437 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper:—

From the Government of India, Military Department, dated 28th May 1885, No. 509 M.W.

Order—dated 19th June 1885, No. 1437 W., Public Works.

In their letter above recorded, the Government of India accept a charge, against Imperial military funds, of Rs. 3,600 per annum, on account of rent for the buildings occupied by the Madras Army head-quarter offices at Ootacamund, but state their inability to sanction any grant for their purchase or repair.

2. This decision will now be finally accepted, and the Bombay Castle property at Ootacamund will be classified under Provincial Civil Buildings.

3. The Superintending Engineer, IV Circle, will arrange for all requisite repairs to the buildings being carried out from the grant to the Nilgiri division under Repairs, Provincial.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
,, Examiner, Public Works Accounts.
,, Military Department.
,, Financial ,,

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated June, 19th.

Recd. *Encl.*

G.O., 19th June 1885, No. 1437 W.

JUNE.

Buildings occupied by the Madras Army Head-quarter Offices, Ootacamund

Orders on letter from the Government of India accepting a charge, against Imperial military funds, of Rs. 3,600 per annum on account of rent for the —.

18th March 1886, No. 726 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following telegram from the Secretary to the Government of India, Public Works Department, Calcutta, to the Secretary to the Government of Madras, Public Works Department, Madras, dated 17th March 1886 :—

Your No. 564 W. Harbour works additional grant Rs. 63,800 sanctioned for 1885-86.

Order—dated 18th March 1886, No. 726 W., Public Works.

Communicated to the Superintendent, Madras Harbour Works, and the Examiner, Public Works Accounts, with advertence to G.O., No. 563 W., dated 3rd March 1886.

(True Extract.)

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

To the Superintendent, Madras Harbour Works.
" Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated March, 18th.

Recd. *Encl.*

G.O., 18th March 1886, No. 726 W.

MARCH.

Madras Harbour Works

Telegram from the Government of India sanctioning an additional grant of Rs. 63,800 for the —, communicated to the Superintendent, and to the Examiner, Public Works Accounts.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from Colonel G. CHESNEY, Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 1st May 1885, No. 407 M.W. :—

In view of the present heavy expenditure which the Government of India is called upon to incur, it is absolutely necessary to reduce the grants sanctioned for military works in 1885-86.

2. Expenditure therefore must be confined, as regards maintenance, solely to such repairs as are absolutely necessary to prevent damage involving subsequent loss to Government, all others being postponed; and, as regards original works, to the prosecution of works in progress, and which cannot be stopped without serious detriment to the State. New works not yet commenced are in no case to be begun without special orders, except in the case of works urgently required in view of preparedness for war.

3. I am to request that reports stating what sums will be surrendered under these orders should be furnished to the Government of India in the Military Department not later than 15th May 1885.

Order—dated 18th May 1885, No. 1167 W., Public Works.

Communicated to Superintending Engineers concerned, for information and guidance, in continuation of G.O., No. $\frac{\text{1039 W.}}{\text{A}}$, dated 4th May 1885, and telegram, dated 13th May 1885.

(True Extract.)

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

To the Superintending Engineer, III Circle.
" " " IV "
" " " V "
" " " VI "
" Examiner, Public Works Accounts.
" Military Department.

Exd. A. Grubert.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated May, 18th.

Recd. *Encl.*

G.O., 18th May 1885, No. 1167 W.

MAY.

Funds

Letter from the Government of India issuing instructions for reducing the grants for military works in 1885-86, and requesting report of the savings, communicated to the Superintending Engineers concerned with instructions.

29th May 1885, No. 1255 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read again—

Government of India telegram, dated 1st May 1885, and letter No. 407 M.W., dated 1st May 1885, recorded in proceedings, No. 1039 W., dated 4th May 1885, and No. 1167 W., dated 18th May 1885.

Read also—

Telegram from the Suptg. Engineer,	III Circle,	dated	6th May 1885.	
„ „ „ „	III „	„	11th „ „	
„ „ „ „	IV „	„	7th „ „	
Letter from the „ „	IV „	„	8th „ „	No. 178 E.W.
Telegram from the „ „	V „	„	4th „ „	
„ „ „ „	VI „	„	8th „ „	
Letter from the „ „	V „	„	8th „ „	No. 536.
„ „ „ „	IV „	„	12th „ „	„ 190 E.W.
„ „ „ „	VI „	„	11th „ „	„ 51 T.C.
Telegram from the Govt. of India, Military Dept.,		„	20th „ „	

Order—dated 29th May 1885, No. 1254 W., Public Works.

In their telegram and letter of 1st May 1885, above recorded, the Government of India intimate that, in view of the present heavy expenditure they are called upon to incur, it is absolutely necessary to reduce the grants sanctioned for military works in 1885-86, and that expenditure must be limited to absolutely necessary repairs; to new works in progress which cannot be suspended without serious detriment to the State; and to works urgently required in view of preparedness for war.

2. In accordance with the above orders, the following grants sanctioned for military major works in 1885-86 have been surrendered to the Government of India:—

	RS.
Armourer's shop, light cavalry, Bellary	2,695
Improvements to gunpowder factory, Madras	18,000
Converting racket court into a covered gymnasium, Madras	11,570
Additions to military prison, Bangalore	8,325
Three out of six blocks of stables at St. Thomas' Mount	9,160
Public buildings for a regiment of native cavalry, Bangalore ...	14,000
Public buildings for two regiments of native infantry, Trichinopoly.	14,642
Total ...	*78,392

	RS.
* Works	78,392
Establishment	18,030
Tools and plant	784
Total surrender ..	97,206

3. The amount reserved in the budget for military minor works is only Rs. 20,000; whereas the demands for funds made by Superintending Engineers under this head amount to Rs. 25,311, notwithstanding that these demands have been based on the restrictive orders of the Government of India. While, therefore, it is not possible to surrender any portion of the reserve of Rs. 20,000, the Government consider that the grants to be made should on no account exceed that sum. The details of the distribution will be given in separate orders on the Superintending Engineers' statement of demands, and it is only necessary here to remark that the uncommenced work noted in the margin, brought forward by the Superintending Engineer, V Circle, and which apparently is neither urgent nor a work of defence within the meaning of the orders of the Government of India, will be suspended for the present; and that endeavours will be made to allot a sum of Rs. 3,020 for the fortified post at Agaram, Bangalore, a revised estimate for which has just been sanctioned.

"Constructing a draw-bridge and gate for the fort at Vellore," Estimate Rs. 6,450.

4. The amount reserved in the budget for military repairs is Rs. 2,94,549, and the reduced grants applied for by Superintending Engineers for this service amount to Rs. 1,45,596. A further sum of Rs. 3,953 has been reserved for repairs in the I Circle, the demand statement from which circle has not yet been received. The balance of the reserve, Rs. 1,45,000,* has been surrendered to the Government of India. The details of the distribution of the sum of Rs. 1,49,549 will be given in separate orders on the Superintending Engineers' statements of demands.

	RS.
* Works	1,45,000
Establishment	33,350
Tools and plant	1,450
Total surrender ...	1,79,800

5. Ordered that a copy of these proceedings be forwarded to the Government of India, in the Military Department, in continuation of telegrams of the 13th and 22nd May 1885.

(Here enter No. 1255 W., dated 29th May 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.
„ Finl. Deptt

ENDORSEMENT—dated 29th May 1885, No. 1255 W., Public Works.

Forwarded.

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

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of 1885 Madras.

PUBLIC WORKS.

Dated May, 29th.

Recd. *Encl.*

G.O., 29th May 1885, No. 1255 W.

MAY.

Funds

Forwarding copy of proceedings surrendering certain grants for military works in 1885-86.

3rd July 1885, No. 1556 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 15th June 1885, No. 1937 A:—

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

Detail and abstract estimates, amounting to Rs. 9,334, for constructing a regimental store-room at Quilon, with report and two plans.

No. 3257, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

Ootacamund,
16th June 1885.
(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

Order—dated 3rd July 1885, No. 1556 W., Public Works.

The estimate, amounting to Rs. 9,334, for constructing a regimental store-shed at Quilon, is sanctioned for execution when funds are available.

2. This sanction has been registered as Imperial, Ordinary, No. 24 W. of 1885-86, and classified as Military, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with four enclosures.
,, Examiner, Public Works Accounts, with abstract estimate.
,, Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated July, 3rd.

Recd. Encl.

G.O., 3rd July 1885, No. 1556 W.

JULY.

Regimental Store-shed at Quilon

Estimate for a —, sanctioned.

20th October 1885, No. 2446 W., Public Works.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Letter—from

Colonel J. SHAW-STEWART, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

The SECRETARY to the GOVERNMENT of INDIA,
Military Department.

Sir,

G.O., No. 2137 W., dated 14th September 1885.
G.O., No. 2445 W., dated 20th October 1885.

In forwarding the marginally-noted Proceedings of this Government, with schedules of demands on account of military works for 1886-87, I am directed to solicit the special attention of the Government of India to paragraphs 3 and 4 of the Quartermaster-General's letter No. 2863 A, dated 4th September 1885, printed in Proceedings, No. 2137 W., dated 14th September 1885, conveying the strong recommendation of His Excellency the Commander-in-Chief for a specially liberal grant under this service, so that many important works now held in abeyance for want of funds may be undertaken in the ensuing year.

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

Fort St. George,
20th October 1885.

Exd. J. Henricus,
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated October, 20th.

Recd. *Encl.*

20th October 1885, No. 2446 W.

OCTOBER.

Schedules of Military requirements for 1886-87

Forwarding —.

20th October 1885, No. 2445 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 7th October 1885, No. 3351 A.

I have the honor to forward herewith schedules of requirements in Military Works, Major and Minor, in view to provision being made to such extent as is possible for them in the Public Works Department budget for 1886-87.

2. The major works have been classified as noted below, the works in class B being entered in order of their urgency, while those in class C are grouped according to commands :—

Class A.—Works commenced, for completion of which grants are required.

Class B.—Works of special urgency not yet commenced, for which grants are required.

Class C.—Works of less urgency, but for which provision should be made as funds are available.

3. The following remarks, regarding works in class B, are submitted for the special consideration of Government :—

(1) Gymnasium, British Infantry, Fort St. George.
(2) Addition to Military Prison, Bangalore.

I. The urgency of items Nos. 1 and 2 has been passed upon Government for two years past, and it was only the special demand for retrenchment in the current year that has interfered with their execution.

(3) Drawbridge, &c., Fort, Vellore.

II. Item No. 3 is a defence work the necessity of which was urged by Sir F. Roberts, with whom the Provincial Commander-in-Chief fully concurs in opinion. It would have been carried out in current year had it not been for the restrictive orders mentioned in the previous paragraph.

(4) Improving water-supply, British Infantry Barracks, Bellary.
(5) Store-room and workshop, Pioneer, Bangalore.
(8) Accommodation one Madras Infantry Regiment, Bangalore.
(9) Accommodation for women, in hospital, Wellington.
(14) Coffee-shops, Royal Artillery, St. Thomas' Mount.

III. The urgency of items Nos. 4, 5, 8, 9 and 14 was mentioned to Government last year, and General Rowlands hopes that funds for them will be found in the next budget.

(6) New store-room, Madras Infantry, Quilon.

IV. Item No. 6 is one which must be provided for, as the existing store-room is in a very bad state.

(7) Alterations to racks in magazine, St. Thomas' Mount.

V. Item No. 7 is a new work the necessity for which has just arisen in connection with providing properly for storage of powder near Madras, the Veysarpady magazine having been condemned. By the proposed alterations in the magazine at St. Thomas' Mount, it will be possible to store 2,044 additional barrels of powder there. This work should therefore not be delayed.

(10) Improving water-supply, Fort St. George.

VI. Item No. 10 is a work connected with the use of the Fort as a place of defence, and should be provided for, as until it is carried out the garrison of the Fort cannot depend on a supply of good water being stored for its use in time of need.

List of works of less urgency not yet commenced, &c.—*cont.*

Command.	Station.	Work.	Cost.	Remarks.
			RS.	
Eastern district—*cont.*	St. Thomas' Mount.	Wheeler and Collar makers' shop, new—Royal Artillery barracks.	5,660	Estimates already sanctioned by Government.
		Raising roof, &c., harness-room—Troop lines.	4,200	
	Pallávaram.	Mortuary rooms—Hospitals ...	3,000	
		Magazine—Native Infantry Regiment.	4,500	
	Poonamallee.	Lightning conductors to hospital.	3,000	Estimate before Government.
	Madras ...	Flushing drains — Ráyapuram, Madras Infantry lines.	4,300	
		Extra store-room in Gun Carriage Factory.	6,000	
		Improving Barrel-machine shop—Gun Carriage Factory.	4,030	Estimate already sanctioned by Government.
		Shed for tent manufacture in Camp Equipage Depôt.	5,300	
		Lines for transport attendants ...	48,000	
		Workshops and sheds for carts, doolies, &c.—Transport Department.	5,500	
		Converting Superintending Engineer's office, Guindy, into slaughter house.	11,800	
		Quarters for station butcher ...	4,740	
	Vizianagrum.	Regimental store-room—Madras Infantry.	3,480	
Bangalore division.	Bangalore.	School master and mistress' quarters—Royal Artillery.	6,200	
		Quarters—Senior Apothecary, north station hospital.	5,300	Estimates already sanctioned by Government.
		Quarters—Assistant do. ..	4,773	
		Do. Conductor, Transport Department.	4,220	
	Wellington	Gymnasium	21,835	
		Drinking water to be laid on to hospital.	4,690	Estimate before Government.
		Quarters for a Barrack Sergeant.	7,348	Estimate already sanctioned.
Ceded districts.	Bellary ...	Alterations to prisons and adjoining buildings.	11,260	
		New gun-shed with Collar-makers' and Wheelers' shop for Royal Artillery.	5,663	Estimate already sanctioned by Government.
		Swimming-bath—British Infantry.	7,644	Estimate before Government.
		School-house for a regiment—Madras Infantry.	3,030	
		Infectious disease ward—Station hospital.	6,140	
Western district.	Cannanore	Plunge-bath—British Infantry ...	4,690	Estimates already sanctioned.
		Improvement, latrines—British Infantry.	2,780	

OOTACAMUND,
7th October 1885.

(Signed) R. C. STEWART, Brigadier-General,
Quartermaster-General,

Office note from the Examiner of Public Works Accounts, dated 14th October 1885, No. 565.

ORDER—dated 20th October 1885, No. 2445 W., Public Works.

Ordered that the schedules of military requirements on account of the Public Works Department in the Madras Presidency for 1886-87 be forwarded to the Government of India in the Military Department.

2. Ordered also that the lists of military works be printed and circulated to Superintending Engineers, in view to the necessary plans and estimates being prepared and submitted at an early date for the unsanctioned works included in the lists.

(Here enter No. 2446 W., dated 20th October 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 "

Exd. J. Henricus.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated October, 20th.

Recd. *Encl.*

G.O., 20th Oct. 1885, No. 2445 W.

OCTOBER.

Schedules of Military requirements for 1886-87

Orders on —.

20th October 1885, No. 2446 W., Public Works.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Letter—from

Colonel J. SHAW-STEWART, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

The SECRETARY to the GOVERNMENT of INDIA,
Military Department.

Sir,

In forwarding the marginally-noted Proceedings of this Government, with schedules of demands on account of military works for 1886-87, I am directed to solicit the special attention of the Government of India to paragraphs 3 and 4 of the Quartermaster-General's letter No. 2863 A, dated 4th September 1885, printed in Proceedings, No. 2137 W., dated 14th September 1885, conveying the strong recommendation of His Excellency the Commander-in-Chief for a specially liberal grant under this service, so that many important works now held in abeyance for want of funds may be undertaken in the ensuing year.

G.O., No. 2137 W., dated 14th September 1885.
G.O., No. 2445 W., dated 20th October 1885.

I have the honor to be,
Sir,
Your most obedient servant,

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

Fort St. George,
20th October 1885.

Exd. J. Henricus.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated October, 20th.

Recd. *Encl.*

20th October 1885, No. 2446 W.

OCTOBER.

Schedules of Military requirements for 1886-87

Forwarding —.

Public Works Department.

No. 1884C dated 19th. November 1885.

MEMORANDUM.

The Government ofIndia having desired that, without previous reference tothem, no new Provincial project or scheme be sanctioned by local Governments, which will involve expenditure after 31st. March 1887, the undersigned has the honor torequest that Superintending Engineers will be good enough, without fail, to note in the report accompanying every estimate for a new work tobe constructed from Provincial funds, the period within which it is likely tobe completed.

(By Order)

D. McD. Campbell Captain R.E.
Dy. Chief Engineer P.W.D.

To

The Suptg. Engineers.
Consg. Archt. to Govt.
Chief Engineer for Irrgn.

Appendix to G.O., No. 2445 W., dated 20th October 1885.

BUILDINGS AND ROADS.

SCHEDULE of the probable requirements of the Madras Presidency on account of Imperial Military Works for 1886-87.

Head of classification.	Executive division.	Locality.	Item No.	Projects and works.	Class.	ORIGINAL WORKS.					Repairs.	Establishment.	Tools and plant.	Suspense.	Grand total.	Remarks.
						Major works.			Minor works.	Total.						
						Works in progress.	New works.	Total.								
						RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
Accommodation for troops—Buildings for European troops in the plains—Permanent.	Chingleput.	St. Thomas' Mount.	1	New barracks for Royal Artillery.	A	27,073	..	..	..	..	..	..	..	..	..	Estimate of Rs. 1,46,910 was sanctioned in G.O., No. 1274 W., dated 2nd June 1885. Item No.1, class A works, budget of 1885-86.
	Do. ..	Do. ..	2	Constructing six blocks of stables for two field batteries of Royal Artillery.	A	1,000	..	..	..	..	..	..	..	..	..	Estimate of Rs. 20,160 was sanctioned in G.O., No. 2747 W., dated 1st October 1883. Item No. 2, class B works, budget of 1885-86.
	West Coast.	Malápuram.	3	Constructing a barracks for a detachment of British Infantry to accommodate 100 men.	A	19,235	..	..	..	..	..	..	..	..	..	Estimate of Rs. 1,34,214 was sanctioned in G.O., No. 1652 W., dated 15th July 1885. Item No. 2, class A works, budget of 1885-86.
	Presidency.	Fort St. George.	4	Converting a racket court into a covered gymnasium.	A	9,890	..	..	..	..	..	..	..	..	..	Estimate of Rs. 11,890 sanctioned in G.O., No. 1552 W., dated 20th June 1884. Item No. 1, class B works, budget of 1885-86.
	Do. ..	Bangalore..	5	Additions to the Military Prison.	B	..	8,325	..	..	..	..	..	..	..	..	Estimate of Rs. 8,325 was sanctioned in G.O., No. 938 W., dated 5th April 1884. Item No. 3, class B works, budget of 1885-86.
	Bellary ..	Bellary ..	6	Improving the system of water-supply to British Infantry barracks.	B	..	5,350	..	..	..	..	..	..	..	..	Estimate awaited.
	Nílgiri ..	Wellington.	7	Hospital accommodation for women and children.	B	..	3,036	..	..	..	..	..	..	..	..	Estimate of Rs. 3,036 was sanctioned in G.O., No. 1573 W., dated 6th July 1885. Item No. 15, class C works, budget of 1885-86.
	Presidency.	Fort St. George.	8	Improving water-supply.	B	..	6,445	..	..	..	..	..	..	..	..	Estimate of Rs. 6,445 was sanctioned in G.O., No. 2454 W., dated 20th October 1885.

Schedule of the probable requirements of the Madras Presidency on account of Imperial Military Works for 1886-87—*cont.*

Head of classification.	Executive division.	Locality.	Item No.	Projects and works.	Class.	ORIGINAL WORKS.					Repairs.	Establishment.	Tools and plant.	Suspense.	Grand total.	Remarks.
						Major works.			Minor works.	Total.						
						Works in progress.	New works.	Total.								
						RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
European troops in the plains—Permanent—cont.	Bellary ..	Bellary ..	9	Reconstructing double Apothecaries' quarters, station hospital.	B	..	6,222	..	..	..	..	..	..	..	..	Estimate of Rs. 6,222 was sanctioned in G.O., No. 1806 W., dated 3rd August 1885.
	Chingleput.	St. Thomas' Mount.	10	Constructing a coffee-shop with kitchen for the upper story barracks.	B	..	6,690	..	..	..	..	..	..	..	..	Estimate of Rs. 6,690 was sanctioned in G.O., No. 1390 W., dated 15th June 1885.
	Presidency.	Fort St. George.	11	Drainage of fort and barracks.	C	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	12	Washhouse outside the barracks.	C	..	2,500	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	13	Garrison bazaars to be done away with and new cook-houses built.	C	..	4,500	..	..	..	..	..	..	..	..	Do.
	Chingleput.	St. Thomas' Mount.	14	A wheeler and collar makers' shop for the new Artillery barracks.	C	..	5,660	..	..	..	..	..	..	..	..	Estimate of Rs. 5,660 was sanctioned in G.O., No. 2717 W., dated 3rd November 1884. Item No. 6, class C works, budget of 1885-86.
	Do. ..	Do. ..	15	Raising the roof of harness room, Troop lines.	C	..	4,200	..	..	..	..	..	..	..	..	Estimate of Rs. 4,200 sanctioned in G.O., No. 3137 W., dated 17th December 1881.
	Do. ..	Pallávaram.	16	Mortuary rooms for hospitals.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Poonamallee.	17	Lightning conductors to the hospital.	C	..	3,000	..	..	..	..	..	..	..	..	Do.
	Presidency.	Bangalore.	18	School master and mistress' quarters, Royal Artillery.	C	..	6,200	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	19	Quarters for the senior Apothecary, north station hospital.	C	..	5,300	..	..	..	..	..	..	..	..	Estimate of Rs. 5,300 was sanctioned in G.O., No. 3385 W., dated 27th November 1883. Item No. 20, class C works, budget of 1885-86.
	Do. ..	Do. ..	20	Quarters for the Assistant Apothecary, north station hospital.	C	..	4,773	..	..	..	..	..	..	..	..	Estimate of Rs. 4,773 was sanctioned in G.O., No. 938 W., dated 5th April 1884. Item No. 21, class C works, budget of 1885-86.
	Nilgiri ..	Wellington.	21	Gymnasium	C	..	21,835	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	22	Drinking water to be laid on to hospital.	C	..	4,690	..	..	..	..	..	..	..	..	Do.
Accommodation for troops—Buildings for	Do. ..	Do. ..	23	Constructing quarters with out-houses for a Barrack Sergeant.	C	..	7,348	..	..	..	..	..	..	..	..	Estimate of Rs. 7,348 was sanctioned in G.O., No. 1941 W., dated 21st August 1885.
	Bellary ..	Bellary ..	24	Alterations to prisons and adjoining buildings.	C	..	11,260	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	25	New gun-shed with collar-makers' and wheelers' shop for the Royal Artillery.	C	..	5,663	..	..	..	..	..	..	..	..	Estimate of Rs. 5,663 was sanctioned in G.O., No. 914 W., dated 3rd April 1884. Item No. 13, class C works, budget of 1885-86.
	Do. ..	Do. ..	26	Swimming-bath, British Infantry.	C	..	7,644	..	..	..	..	..	..	..	..	Estimate of Rs. 7,644 was sanctioned in G.O., No. 2434 W, dated 19th October 1885.
	Do. ..	Do. ..	27	Infectious disease ward, station hospital.	C	..	6,140	..	..	..	..	..	..	..	..	Estimate of Rs. 6,140 sanctioned in G.O., No. 330 W., dated 7th February 1884.
	West Coast.	Cannanore.	28	Plunge-bath for British Infantry.	C	..	4,640	..	..	..	..	..	..	..	..	Estimate of Rs. 4,640 was sanctioned in G.O., No. 418, dated 16th Feb. 1876. Item No. 18, class C works, budget of 1885-86.
	Do ..	Do. ..	29	Improving latrines for the British Infantry.	C	..	2,780	..	..	..	..	..	..	..	..	Estimate of Rs. 2,780 was sanctioned in G.O., No. 1056, dated 4th April 1879. Item No. 19, class C works, budget of 1885-86.
Accommodation for troops—Buildings for Native troops.	Presidency.	Bangalore.	30	Public buildings for a regiment of Native Cavalry.	A	17,730	..	..	..	..	..	..	..	..	..	Estimate of Rs. 23,490 was sanctioned in G.O., No. 1552 W., dated 20th June 1884. Item No. 4, class B works, budget of 1885-86.
	Trichinopoly.	Trichinopoly.	31	Public buildings for two regiments of Native Infantry.	A	19,541	..	..	..	..	..	..	..	..	..	Estimate of Rs. 35,650 was sanctioned in G.O., No. 2194 W., dated 5th September 1884. Item No. 3, class A works, budget of 1885-86.
	Presidency.	Bangalore..	32	Store-rooms and workshops for the Pioneer Regiment.	B	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	West Coast.	Quilon ..	33	Constructing a regimental store-shed.	B	..	9,334	..	..	..	..	..	..	..	..	Estimate of Rs. 9,334 was sanctioned in G.O., No. 1556 W., dated 3rd July 1885. Item No. 32, class C works, budget of 1885-86.
	Presidency.	Bangalore..	34	Public buildings for one regiment of Native Infantry.	B	..	21,636	..	..	..	..	..	..	..	..	Estimate of Rs. 21,636 sanctioned in G.O., No. 2952 W., dated 29th November 1884.
	Chingleput.	Pallávaram.	35	Magazine for a Native Infantry Regiment.	C	..	4,500	..	..	..	..	..	..	..	..	Estimate is awaited.
	Presidency.	Madras (Ráyapuram).	36	Flushing drains for Native Infantry lines.	C	..	4,300	..	..	..	..	..	..	..	..	Estimate of Rs. 4,300 sanctioned in G.O., No. 1397 W., dated 4th June 1884.
	Vizagapatam.	Vizianagrum.	37	Regimental store-room for Native Infantry.	C	..	3,480	..	..	..	..	..	..	..	..	Estimate of Rs. 3,480 was sanctioned in G.O., No. 2623 W., dated 27th October 1884. Item No. 23, class C works, budget of 1885-86.

Schedule of the probable requirements of the Madras Presidency on account of Imperial Military Works for 1886-87—*cont.*

Head of classification.	Executive division.	Locality.	Item No.	Projects and works.	Class.	ORIGINAL WORKS.					Repairs.	Establishment.	Tools and plant.	Suspense.	Grand total.	Remarks.
						Major works.			Minor works.	Total.						
						Works in progress.	New works.	Total.								
						RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
Accommodation for troops — Buildings for Native troops—*cont.*	Bellary ..	Bellary ..	38	School-house for a regiment, Native Infantry.	C	..	3,030	..	..	..	..	..	..	..	..	Estimate of Rs. 3,030 was sanctioned in G.O., No. 149 W., dated 17th January 1884. Item No. 31, class C works, budget of 1885-86.
Ordnance works.	Presidency.	Fort St. George.	39	Armament of Fort St. George.	A	2,964	..	..	..	..	..	..	..	..	..	Estimate of Rs. 42,035 sanctioned in G.O., No. 2970 W., dated 19th October 1883. Item No. 4, class A works, budget of 1885-86.
	Do. ..	Madras ..	40	Alterations in the coast batteries.	A	6,025	..	..	..	..	..	..	..	..	..	Estimate of Rs. 14,265 sanctioned in G.O., No. 2126 W., dated 11th September 1885.
	Chingleput.	St. Thomas' Mount.	41	Alterations to racks in the Ordnance Magazine.	B	..	2,505	..	..	..	..	..	..	..	..	Estimate of Rs. 2,505 sanctioned in G.O., No. 2416 W., dated 15th October 1885.
	Presidency.	Madras ..	42	Wall round the Gunpowder Factory.	B	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	43	New wheeler shop, Gun Carriage Factory.	B	..	7,370	..	..	..	..	..	..	..	..	Estimate of Rs. 7,370 sanctioned in G.O., No. 2870 W., dated 17th November 1884. Item No. 36, class C works, budget of 1885-86.
	Do. ..	Bangalore.	44	Ordnance Depôt buildings, entrenchment, Bangalore.	B	..	4,823	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Madras .	45	Extra accommodation as store-room in the Gun Carriage Factory.	C	..	6,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	46	Improvements to the barrel-machine shop of the Gun Carriage Factory.	C	..	2,061	..	..	..	..	..	..	..	..	Estimate of Rs. 4,030 sanctioned in G.O., No. 2413 W., dated 16th September 1882.
	Nilgiri ..	Wellington.	47	Bakery	A	414	..	..	..	..	..	..	..	..	..	Estimate of Rs. 32,000, sanctioned in G.O., No. 1838 W., dated 29th July 1884.
Commissariat buildings.	Presidency.	Madras ..	48	Constructing a shed in the Camp Equipage Depôt.	C	..	5,300	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	49	Lines for transport attendants.	C	..	48,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	50	Workshops and sheds for carts, doolies, &c., Transport Department.	C	..	5,500	..	..	..	..	..	..	..	..	Do.
	Chingleput.	Guindy ..	51	Converting the late Superintending Engineer's office at Guindy into a slaughter-house.	C	..	11,800	..	..	..	..	..	..	..	..	Estimate of Rs. 11,800 sanctioned in G.O, No. 1399 W., dated 12th May 1883. Item No. 43, class C works, budget of 1885-86.
	Do. ..	Do. ..	52	Quarters for a station butcher.	C	..	4,740	..	..	..	..	..	..	..	..	Estimate is awaited.
	Presidency.	Bangalore.	53	Quarters for a Conductor, Transport Department.	C	..	4,220	..	..	..	..	..	..	..	..	Do.
Fortifications.	Presidency.	Bangalore.	54	Fortified post at Agram.	A	5,000	..	..	..	..	..	..	..	..	..	Estimate of Rs. 37,300 sanctioned in G.O., No. 1250 W., dated 29th May 1885. Further estimates are said to be under preparation.
	North Arcot.	Vellore ..	55	Drawbridge and gate for the Fort at Vellore.	B	..	6,450	..	..	..	..	..	..	..	..	Estimate of Rs. 6,450 sanctioned in G.O., No. 528 W., dated 7th March 1885.
				Total ..	..	1,08,872	3,25,250	4,34,122	1,00,000	5,34,122	3,50,000	2,03,348	8,840	..	10,96,310	

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Schedule of the probable requirements of the Madras Presidency on account of Imperial Military Works for 1886-87—*cont.*

Head of classification.	Executive division.	Locality.	Item No.	Projects and works.	Class.	Original works.					Repairs.	Establishment.	Tools and plant.	Suspense.	Grand total.	Remarks.
						Major works.			Minor works.	Total.						
						Works in progress.	New works.	Total.								
						RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
Accommodation for troops — Buildings for Native troops—*cont.*	Bellary ..	Bellary ..	38	School-house for a regiment, Native Infantry.	C	..	3,030	..	..	..	..	..	..	..	..	Estimate of Rs. 3,030 was sanctioned in G.O., No. 149 W., dated 17th January 1884. Item No. 31, class C works, budget of 1885-86.
Ordnance works.	Presidency.	Fort St. George.	39	Armament of Fort St. George.	A	2,964	..	..	..	..	..	..	..	..	..	Estimate of Rs. 42,035 sanctioned in G.O., No. 2970 W., dated 19th October 1883. Item No. 4, class A works, budget of 1885-86.
	Do. ..	Madras ..	40	Alterations in the coast batteries.	A	6,025	..	..	..	..	..	..	..	..	..	Estimate of Rs. 14,285 sanctioned in G.O., No. 2126 W., dated 11th September 1885.
	Chingleput.	St. Thomas' Mount.	41	Alterations to racks in the Ordnance Magazine.	B	..	2,505	..	..	..	..	..	..	..	..	Estimate of Rs. 2,505 sanctioned in G.O., No. 2416 W., dated 15th October 1885.
	Presidency.	Madras ..	42	Wall round the Gunpowder Factory.	B	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	43	New wheeler shop, Gun Carriage Factory.	B	..	7,370	..	..	..	..	..	..	..	..	Estimate of Rs. 7,370 sanctioned in G.O., No. 2870 W., dated 17th November 1884. Item No. 36, class C works, budget of 1885-86.
	Do. ..	Bangalore.	44	Ordnance Depôt buildings, entrenchment, Bangalore.	B	..	4,823	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Madras ..	45	Extra accommodation as store-room in the Gun Carriage Factory.	C	..	6,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	46	Improvements to the barrel-machine shop of the Gun Carriage Factory.	C	..	2,061	..	..	..	..	..	..	..	..	Estimate of Rs. 4,030 sanctioned in G.O., No. 2413 W., dated 16th September 1882.
	Nilgiri ..	Wellington.	47	Bakery	A	414	..	..	..	..	..	..	..	..	..	Estimate of Rs. 32,000, sanctioned in G.O., No. 1838 W., dated 29th July 1884.
Commissariat buildings.	Presidency.	Madras ..	48	Constructing a shed in the Camp Equipage Depôt.	C	..	5,300	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	49	Lines for transport attendants.	C	..	48,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	50	Workshops and sheds for carts, doolies, &c., Transport Department.	C	..	5,500	..	..	..	..	..	..	..	..	Do.
	Chingleput.	Guindy ..	51	Converting the late Superintending Engineer's office at Guindy into a slaughter-house.	C	..	11,800	..	..	..	..	..	..	..	..	Estimate of Rs. 11,80) sanctioned in G.O , No. 1399 W., dated 12th May 1883. Item No. 43, class C works, budget of 1885-86.
	Do. ..	Do. ..	52	Quarters for a station butcher.	C	..	4,740	..	..	..	..	..	..	..	..	Estimate is awaited.
	Presidency.	Bangalore.	53	Quarters for a Conductor, Transport Department.	C	..	4,220	..	..	..	..	..	..	..	..	Do.
Fortifications.	Presidency.	Bangalore.	54	Fortified post at Agram.	A	5,000	..	..	..	..	..	..	..	..	..	Estimate of Rs. 37,300 sanctioned in G.O., No. 1250 W., dated 29th May 1885. Further estimates are said to be under preparation.
	North Arcot.	Vellore ..	55	Drawbridge and gate for the Fort at Vellore.	B	..	6,450	..	..	..	..	..	..	..	..	Estimate of Rs. 6,450 sanctioned in G.O., No. 528 W., dated 7th March 1885.
				Total ..	..	1,08,872	3,25,250	4,34,122	1,00,000	5,34,122	3,50,000	2,03,348	8,840	..	10,96,310	

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LIST of Military Works estimated to cost Rs. 2,500 each or under, and for which funds are required in the Public Works budget for 1886-87.

Division or district.	Station.	Description of buildings, &c., and for what corps, departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
Eastern district.			RS.	
	Fort St. George	Store-room, forge workshop—Arsenal.	520	When funds are available.
	Do. ...	Railings to miscellaneous workshop, &c.—Arsenal.	790	
	Do. ...	A new bridge across trench in new park—Arsenal.	810	
	Do. ...	Improving store godowns—Arsenal.	700	Very necessary. Estimates already sanctioned by Government.
	Do. ...	Improving store godowns—Arsenal.	847	
	Do. ...	Alterations to lower story barracks for armourer shop.	2,367	Very desirable.
	Do. ...	Mess-house verandah—Completion of.	1,900	
	Do. ..	I. Room alterations for theatre.	1,000	When funds are available.
	Madras ...	Ordnance store-room—Beach ...	1,250	Necessary.
	Do. ...	Huts, infectious disease—Station hospital.	750	When funds are available.
	Do. ...	Dispensary—Veterinary Department, Body Guard.	1,300	
	Do. ...	Regimental school—Perambúr lines, Madras Infantry.	1,375	
	Do. ...	Armourer shops — Perambúr lines, Madras Infantry.	2,000	
		Commissariat Department.		
	Madras ...	Godown, wheat, &c.	1,785	When funds are available.
	Do. ...	Drainage—Bakery premises ...	950	
	Do. ...	Gram-boiling shed—Mule lines.	1,500	
	St. Thomas' Mount.	Commissariat—Well, &c., Public Cattle Depôt.	1,200	
	Do. ...	Royal Artillery—Lightning-conductor magazine.	1,500	Most important.
	Do. ...	Line houses—Horse lines ...	1,542	Very necessary. Estimate before Government.
	Do. ...	Closing up archway, gun-shed—P Battery, 1st Brigade.	560	Very necessary.
	Do. ...	Reconstruction latrines, family quarters — Q Battery, 1st Brigade.	...	In progress during the current official year. Item No. 25 of Appendix B to G.O., No. 1563 W., dated 6th July 1885.
	Do. ...	Improvements to Sergeant's quarters—Reserve Powder Magazine.	530	*Vide* G.O., No. 1233 W., dated 28th May 1885. Very necessary.
	Pallávaram ...	Armourer shop—Madras Infantry.	820	When funds are available.
	Do. ...	Camp Equipage store—Madras Infantry.	1,500	
	Do. ...	School—Madras Infantry ...	1,230	
	Poonamallee...	Alteration—Barracks	1,000	
	Do. ..	Wall, new—Family quarters ...	1,000	
	Vellore ...	School-house—Madras Infantry.	2,150	Very necessary. Already sanctioned by Government.
	Vizianagrum.	New magazine— do. ...	1,530	Very necessary.
	Do. ...	Armourers' workshops—Madras Infantry.	900	Do.

List of Military Works estimated to cost Rs. 2,500 each or under, &c.—*cont.*

Division or district.	Station.	Description of buildings, &c., and for what corps, departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
Eastern district —*cont.*		*Commissariat Department*—cont.	RS.	
	Vizianagrum.	Improvements to hospital—Madras Infantry.	515	When funds are available.
	Do. ...	Improvements to ventilation—Madras Infantry.	545	
	Berhampore ..	School-house	1,390	Should not be postponed any longer; funds allotted in current year were withdrawn.
Bangalore division.	Bangalore ...	Royal Artillery—Latrine, Staff Sergeant's quarters, Royal Horse Artillery.	2,100	Very necessary on sanitary grounds.
	Do. ...	Quarters, Battery, — Quartermaster Sergeant, Royal Horse Artillery.	1,100	Desirable.
	Do. ...	Cook-house—Sergeants' mess, Field Batteries.	1,470	Necessary.
	Do. ...	Latrine for men—Stables, Field Batteries.	620	
	Do. ...	Board floor recreation room—Royal Horse Artillery.	1,240	
	Do. ...	Stone floor to gun-shed, &c. ...	1,160	
		British Cavalry.		
	Bangalore ...	Stone drains—Staff Sergeant's quarters.	564	Necessary. Estimates already sanctioned by Government.
	Do. ...	Two Riding schools	1,156	
	Do. ...	Latrine—Six seats for men at stables	600	Very desirable.
	Do. ...	Camp Equipage stores—Connecting with water-supply.	1,170	When funds are available.
		British Infantry.		
	Bangalore, ...	Latrine for followers ..	1,600	Necessary.
	Do. ...	South station hospital—Quarters for men of Army hospital, Native corps.	924	
	Do. ...	North station hospital—Quarters for men of Army hospital, Native corps.	756	
		Native Infantry west lines.		
	Bangalore ...	Improving place of arms and hospital.	700	
		Commissariat Department.		
	Bangalore ...	Improving Staff Sergeant's quarters.	2,000	When funds are available.
	Do. ...	Improving Sergeant Butcher's quarters.	525	Very necessary.
	Do. ...	Improving road from race-course barracks to slaughter-house.	1,400	When funds are available.
		Transport Department.		
	Bangalore ...	Additions to accommodation in Transport lines.	1,545	Urgently required.
	Do. ...	Converting Sergeant's quarters into Sub-Conductor's quarters.	1,000	Very necessary.
	Wellington ...	Renewing floors of latrines and school-block.	1,680	Necessary.

List of Military Works estimated to cost Rs. 2,500 each or under, &c.—*cont.*

Division or district.	Station.	Description of buildings, &c., and for what corps, departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			RS.	
Bangalore division—*cont.*	Wellington ...	Water-supply to bath-rooms, hospital.	600	Desirable. Estimate before Government.
	Do. ...	Bath-rooms for Pay Sergeant ..	2,350	Very necessary.
	Do. ...	Flooring passages from married quarters to latrine	1,000	
	Do. ...	Enlarging purveyor's stores ..	2,000	
	Do. ...	Cooking stoves for Staff Sergeant's quarters.	600	
	Pódanúr ...	Repairs to the rest-house buildings.	850	
Ceded districts.	Bellary ...	Alterations and additions to Armourers' shop—Light Cavalry Regiment.	700	Urgently wanted. The execution of this work will do away with necessity for new building.
	Do. ...	Renewal floor No. II Magazine, Fort.	616	Very necessary.
	Do. ...	Reflooring Commissariat store-rooms with asphalte.	670	
		European Infantry.		
Western district.	Cannanore ...	Station hospital—Sinking well.	700	Strongly recommended.
	Malápuram ...	Converting beer godown into a gymnasium for detachment	790	All very necessary.
	Do. ...	Converting recreation room into cook-house.	514	
	Do. ...	Converting wood godown into a bakery.	595	
	Do. ...	Providing a platform and pump to well.	1,110	
	Calicut ...	New slaughter-house	2,020	All urgent works.
	Do. ...	Converting cook-room into a bakery.	840	
	Do. ...	Converting family quarters into Commissariat Sergeant's quarters.	650	
	Quilon ...	A new magazine—Madras Infantry.	2,380	Very much wanted.
	Do. ...	Renewing floor of hospital ...	1,970	Desirable.
	Do. ...	An Armourer shop—Madras Infantry.	1,700	When funds are available.
	Mangalore ...	Reflooring hospital—Madras Infantry.	695	
	Do. ...	Additions to Armourers' workshop.	790	
	... ..	Lump sum provision for works costing below Rs. 500 each.	14,794	
		Total ...	1,00,000	

OOTACAMUND,
7th October 1885.

(Signed) R. C. STEWART, Brigadier-General,
Quartermaster-General.

2ND NOVEMBER 1885, No. 2558 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from Colonel O. R. NEWMARCH, Officiating Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 14th October 1885, No. 1149 M.W. :—

In reply to your letter, No. 2092 W., dated 7th September 1885, I am directed to state that the rent for the Army Head-quarter offices at Ootacamund will be a military charge, and should be disbursed (including arrears) and compiled accordingly.

ORDER—dated 2nd November 1885, No. 2558 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts, with advertence to G.O., No. 2091 W., dated 7th September 1885.

2. The Examiner, Public Works Accounts, will arrange for bringing the rent charge to credit under Provincial.

3. The amount due from Imperial to Provincial from April 1883 to the end of 1885-86 is Rs. 10,800.

(True Extract.)

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

To the Examiner, Public Works Accounts,
„ Superintending Engineer, IV Circle, } with copy of G.O., No. 2091 W.
„ Military Department, }

Exd. J. Henricus.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated November, 2nd.

Recd. *Encl*

G.O., 2nd Nov. 1885, No. 2558 W.

NOVEMBER.

Army Head-quarter Offices,
Ootacamund

Letter from the Government of Indi
stating that the rent for the — will be
military charge, communicated to th
Superintending Engineer, IV Circle, and t
the Examiner, Public Works Accounts.

PRELIMINARY ISSUE.

20

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.

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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 OF 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—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. Actual to end of 1884-85.	Outlay. Probable during 1885-86.	Grant, 1886-87. Works in progress.	Grant, 1886-87. Works not commenced.	Grant, 1886-87. 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.	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		

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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.	1,66,885	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	...	29	Estimate is awaited.
										1,97,835		
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	...	34	Estimate is awaited.
										18,310		
(2) Ordnance Works.	Presidency.	Madras ...	35	Wall round the Gunpowder Factory.	...	...	...	...	10,090	...	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.	2,52,412	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		

26A

APPENDIX B—concld.

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—concld.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1884-85.	Outlay. Probable during 1885-86.	Amount applied for 1886-87. Works in progress.	Amount applied for 1886-87. Works not commenced.	Amount applied for 1886-87. Total.	Item No.	Remarks and References.
					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		

Preliminary Issue

Imperial
Military Works.

Madras.

Public Works Department.

Imperial Budget-Estimate
of
Military Works
of the
Government of Madras.

For the year
1886-87.

Chepâk
December 1885.

(Signed) J. Shaw-Stewart Colonel R.E.
Secretary to Government, P.W.

Imperial.

Military Works.

Madras

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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 1884-8
	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 of Military Works in Madras for the year from 1st April 1886 to 31st March 188

—		Reference to Estimate	Budget Estimate 1886-87	Revised Estimate 1885-86	Budget Estimate 1885-86	Actuals 1884-8
		Rs.	Rs.	Rs.	Rs.	Rs
Original Works	In progress	"	91,609 ✓	1,90,888 ✓	2,29,646 ✓	2,09,36
	Not commenced	"	1,60,007 ✓			
Repairs.......	Ordinary	"	2,71,368	1,71,311 ✓	2,94,549 ✓	2,83,31
	Special	"	"			
Establishment		"	1,21,786 ✓	84,205 ✓	1,20,563 ✓	1,14,34
Tools and Plant		"	5,230 ✓	3,596 ✓	5,242 ✓	4,93
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. Original Works In progress	Not commenced	Total	Repairs	Establishment	Tools and Plant	Suspense Account	Barrack Department	Total	Revised Estimate 1885-86	Budget Estimate 1885-86	Actuals, 1884-85.
	Rs.	Rs.	Rs.	Rs	Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs
Provision from Imperial Funds 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 is to be incurred.

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

Imperial
Military Works. 2

Imperial
Military Works 4

5 Madras

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Detail of the Budget-estimate for Part Original Works for the year 1886-87.
Clas A Works.

Head of Classification	Executive Division	Locality	Item No:	Projects and Works.	Amount of Estimate Rs.	Outlay: Actual to end of 1884-85 Rs.	Outlay: Probable during 1885-86 Rs.	Grant, 1886-87: Works in progress Rs.	Grant, 1886-87: Works not commenced Rs.	Total	Item No:	Remarks and References.
				Imperial Ordinary Military Original Works.								
Accommodation for troops Buildings for European troops in the plains. Permanent	West Coast	Malapuram		Constructing a barracks for a detachment of British Infantry to accommodate 100 men	1,35,094	2,531	31,448	20,115	„			G.O. No: 2845 W a/27th November 1885. Item No: 2, Class A Works, Budget of 1885-86.
	Presidency	Fort Saint George		Converting a racket court into a covered gymnasium.	11,890	„	2,000	9,890	„			G.O. No: 1552 W a/20th June 1884. Item No: 1, Class B Works, Budget of 1885-86.
	Chingleput	St. Thomas' Mount		New barracks for Royal Artillery	1,46,9	379	22,458	27,073	„			G.O. No: 1274 W a/2nd June 1885. Item No: 1, Class A Works, Budget of 1885-86.
	Do	Do		Constructing six blocks of stables for two field batteries of Royal Artillery	21,702	000	9,160	2,542	„	59,620		G.O. No: 2561 W d/2nd November 1885. Item No: 2, Class B Works, Budget of 1885-86.
Buildings for Native troops	Presidency	Bangalore		Public buildings for a regiment of Native Cavalry	2,34,70	„	„	„	14,000			G.O. No: 1552 W a/20th June 1884, Item No: 4, Class B Works, Budget of 1885-86.
	Trichinopoly	Trichinopoly		Public buildings for two regiments of Native Infantry	35,650	2,739	3,370	18,000	„	32,000		G.O. No: 2194 W a/5th September 1884, Item No: 3, Class A Works, Budget of 1885-86.
(2) Ordnance Works.	Presidency	Fort St. George		Armament of Fort St. George	42,03	8,036	31,035	~~2,964~~	-	2964		G.O. No: 2970 W a/19th October 1883. Item No: 4, Class A Works, Budget of 1885-86.
(4) Fortifications	Do	Madras		Alterations to the Coast Batteries	14,21	„	8,240	~~6,025~~		~~[illegible]~~		G.O. No: 2126 W d/11th September 1885
~~4) Fortifications~~ —	Do	Bangalore		Fortified Post at Agram	38,7 ~~37,~~	34,467	3,020	5,000	„	11025 ~~5,000~~		G.O. No: ~~1260~~ 3059 W a/~~29th May~~ 18th December 1885. Further estimates are awaited.
				Total	„	„	„	91,609	14,000	105,609		

Imperial
Military Works

Detail of the Budget Estimate for Clas[illegible] contd.
Original Works for the year 1886-87.
Works.

Head of Classification	Executive Division	Locality	Item No:	Projects and Works	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant, 1886-87: Works in progress	Grant, 1886-87: Works not commenced	Grant, 1886-87: Total	Item No:	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.		
				Imperial Ordinary Military Original Works.							
Accommodation for troops Buildings for European troops in the plains – Permanent	Bellary	Bellary	1	Reconstructing double apothecaries quarters, Station Hospital				6,222 ✓			G. O. No: 1816 W d/ 3rd August 1885
	Nilgiri	Wellington	2	Hospital accommodation for women and children				3,036 ✓			G. O. No: 1573 W d/ 6th July 1885 Item No: 15, Class C Works, Budget of 1885-86.
	Presidency	Fort St. George	3	Improving water supply				6,445 ✓			G. O. No: 2454 W d/ 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 ✓			× Estimate is awaited.
	Do	Bangalore	5	Additions to the Military Prison	"	"	"	8,325 ✓			G. O. No: 938 W d/ 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.	"	"	"	4,320 ✓	68,348 ✓		G. O. No: 1390 W d/ 15th June 1885.
(2)											
(4) Buildings for Native troops	West Coast	Quilon	7	Constructing a regimental storeshed	"	"	"	9,334 ✓	9,334 ✓		G. O. No: 1556 W d/ 3rd July 1885. Item No: 32, Class C Works, Budget of 1885-86.
~~4~~				Total	"	"	"	77,682	77,682 ✓		

Detail of the Budget Estimate for Class B Part I_contd. Original Works for the year 1886-87

Works contd.

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		
				Brought forward	Rs.	Rs.	Rs.	Rs	Rs 77,682	Rs. 77,682		
				Imperial Ordinary Military Original Works.								
1. Accommodation for troops contd. Buildings for Native troops	Presidency	Bangalore	8	Public buildings for one regiment of Native Infantry	21,136				10,000 ✓	10,000 ✓		G. O. No: 2952 W a/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 barm.	"	"	"	"	X 20,000 ✓		X	Estimate is awaited
	Do	Madras	10	New wheelers shop, Gun, Carriage Factory	7,37	"	"	"	7,370 ✓			G. O. No: 2870 W a/17th November 1884 Item No: 36, Class C Works, Budget of 1885-86.
	Chingleput	St. Thomas's Mount	11	Alterations to racks in the Ordnance Magazine	2,5	"	"	"	2,505 ✓	29,875 ✓		G. O. No: 2416 W a/15th October 1885
(4) Fortifications	North Arcot	Vellore	12	Draw bridge and gate for the Fort	6,4	"	"	"	6,450 ✓	6,450 ✓		G. O. No: 528 W a/7th March 1886
			13	Minor Works					22,000	22,000 ✓		
				Total		"	"	"	1,46,007	1,46,007		
				Grand Total			"	"	.	2,51,616		

Appendix B

List of Works (or Class B Works) omitted from the Budget-Estimate of 1886-87, on which Expenditure may be incurred during the year by Re-appropriation from Class B Works.

Head of Classification	Executive Division	Locality	Item No:	Projects and Works	Amoun of Estim	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Amount applied for 1886-87: Works in progress	Amount applied for 1886-87: Works not commenced	Total	Item No:	Remarks and References
1. Accommodation for troops Buildings for European troops in the plains – Permanent				Imperial Ordinary Military Original Works								
	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 gun shed with collar maker's and wheeler's shop for the Royal Artillery	5,66	"	"	"	5,663		3	G.O. No: 914 W d/ 3rd April 1884
	Do	Do	4	Swimming-bath, British Infantry	7,644	"	"	"	5,000		4	G.O. No: 2434 W d/ 19th October 1885
	Do	Do	5	Infectious disease ward, Station Hospital	6,14	"	"	"	5,000		5	G.O. No: 330 W d/ 7th February 1884.
	Do	Do	6	Armourer's shop, 2nd Light Cavalry	2,69	"	"	"	2,695		6	G.O. No: 2266 W d/ 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	Do
	Do	Do	9	Lock Hospital		"	"	"	4,180		9	Do

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Military Works.

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Madras.
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Appendix

List of Works (or Class C Works) omitted from the Budget-Estimate of 1886-87 from Class ... ich Expenditure may be incurred during the year by Re-appropriation

ead of Classification	Executive Division	Locality	Item No:	Projects and Works	Amount of Estimate	tlay	Amount applied for 1886-87			Item No:	Remarks and References
						Probable during 1885-86	Works in progress	Works not commenced	Total		
Accommodation for troops Buildings for European troops in the plains—Permanent				Imperial Ordinary Military Original Works.							
	Nilgiri	Wellington	10	Constructing quarters with out-houses for a Barrack Sergeant	7,348	„	„	7,348		10	G. O. No: 1941 W d/ 21st August 1885.
	West Coast	Cannanore	11	Plunge bath for British Infantry	4,64	„	„	4,640		11	G. O. No: 418 d/ 16th February 1876.
	Do	Do	12	Improving latrines for British Infantry	2,78		„	2,780		12	G. O. No: 1056 d/ 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	Do
	Do	Do	15	Garrison bazaars to be done away with and new cook houses built	„	„	„	4,500		15	Do
	Do	Do	16	Converting A. B. C & D. Blocks into barracks and quarters for a regiment of British Infantry and garrison battery of Royal Artillery	„		„	4,200		16	Do
	Do	Bangalore	17	School master and mistress' quarters Royal Artillery	„	„		6,200		17	Do
	Do	Do	18	Quarters for the senior apothecary, North Station Hospital	5,3	„	„	5,300		18	G. O. No: 3385 W d/ 27th November 1883.

M. M. Imperial 12

Militaires [illegible] Imperial

[illegible] Works) omitted from the Budget Estimate of [illegible] from Statement [illegible]

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Madras
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B

on which Expenditure may be incurred during the year by Re-appropriation

B. Works.

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.		
1 Accommodation for troops uildings for European troops the plains – Permanent			1	Imperial Ordinary Military Original Works.								
	Presidency	Bangalore	19	Quarters for the Assistant Apothecary North Station Hospital	4,773	..	..		4,773		19	G. O. No. 938 W a/ 5th April 1884.
	Do	Do	20	Constructing stables for 3 batteries R. H. A and field batteries	..	..	..	..			20	Estimate is awaited
	Do	Do	21	Constructing a fourth class gymnasium	44,600	1,788	..	..			21	G. O. No: 1560 a/ 21st June 1876.
	Do	Do	22	Parade barracks, alterations and additions to wash houses	12,500	7,946	..	..			22	G. O. No: 1102 W a/ 7th May 1880
	Chingleput	St Thomas's Mount	23	A wheeler and collar maker's shop for the new Artillery Barracks	5,660	..	..		5,660		23	G. O. No: 2717 W a/ 3rd November 1884
	Do	Do	24	Raising the roof of harness rooms, Troop lines	4,200	..	..		4200		24	G. O. No: 3137 W a/ 17th December 1881
	Do	Do	25	Wooden shed at the Proof Range	2,820	..	..		2,820		25	G. O. No: 3077 W a/ 13th December 1884.
	Do	Do	26	Converting the disused gun shed into a coffee shop, recreation rooms and library	2,52	..	..		2,520		26	G. O. No: 1234 W a/ 28th May 1885

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Military Works 16

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Madras
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Appendix B

List of Works (or Class C Works) omitted from the Budget Estimate of 1886-87 fr from Class B Works. on which Expenditure may be incurred during the year by Re-appropriation

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Amount applied for 1886-87: Works in progress	Amount applied for 1886-87: Works not commenced	Total	Item No.	Remarks and References
					Rs	Rs.	Rs	Rs	Rs	Rs		
Accommodation for troops uildings for European troops the plains – Permanent			1	Imperial Ordinary Military Original Works								
	Presidency	Bangalore	19	Quarters for the Assistant Apothecary North Station Hospital	4,773	"	"	"	4,773		19	G. O. No: 938 W a/ 5th April 1884.
	Do	Do	20	Constructing stables for 3 batteries R. H. A and field batteries	"	"	"	"	"		20	Estimate is awaited
	Do	Do	21	Constructing a fourth class gymnasium	44,400	1,788	"	"	"		21	G. O. No: 1560 a/ 21st June 1876.
	Do	Do	22	Parade barracks, alterations and additions to wash houses	12,500	7,946	"	"	"		22	G. O. No: 1102 W a/ 7th May 1880
	Chingleput	St. Thomas's Mount	23	A wheeler and collar maker's shop for the new Artillery Barracks	5,660	"	"	"	5,660		23	G. O. No: 2717 W a/ 3rd November 1884
	Do	Do	24	Raising the roof of harness rooms Troop lines	4,200	"	"	"	4,200		24	G. O. No: 3127 W a/ 17th December 1881
	Do	Do	25	Wooden shed at the Proof Range	2,820	"	"	"	2,820		25	G. O. No: 3077 W a/ 13th December 1884.
	Do	Do	26	Converting the disused gun shed into a coffee shop, recreation rooms and library	2,52	"	"	"	2,520		26	G. O. No: 1234 W a/ 28th May 1885

Appendix B

List of Works (or Class C Works) omitted from the Budget-Estimate of 1886-87 but from which expenditure may be incurred during the year by Re-appropriation from Class B Works.

Head of Classification	Executive Division	Locality	Item No:	Projects and Works	of Estimate Rs.	Outlay to end of 1884-85 Rs.	Outlay Probable during 1885-86 Rs.	Amount applied for 1886-87 Works in progress Rs.	Amount applied for 1886-87 Works not commenced Rs	Amount applied for 1886-87 Total Rs.	Item No:	Remarks and References
A1. Accommodation for troops Buildings for European troops in the plains – Permanent				Imperial Ordinary Military Original Works.								
	Chingleput	Pallavaram	27	Mortuary rooms for hospitals	"		"	"	3,000		27	Estimate is awaited
	Do	Do	28	Constructing an armourer's shop	2,880		"	"	2,880		28	G.O. No: 3149 W a/ 22nd December 1884
	Do	Poonamallee	29	Constructing a new double storied barracks	1,66,885	1,854	"	20,000			29	G.O. No: 465 W a/ 19th February 1879
	Do	Do	30	Providing lightning conductors to the hospital	"		"	"	3,000		30	Estimate is awaited
Accommodation for Native troops	Vizagapatam	Vizianagrum	31	Regimental store room for Native Infantry	3,48		"	"	3,480		31	G.O. No: 2628 W a/ 27th October 1884.
	Bellary	Bellary	32	School house for a regiment, Native Infantry	3,0		"	"	3,030		32	G.O. No: 149 W a/ 17th January 1884
	Residency	Madras (Royapuram)	33	Flushing drains for Native Infantry lines	4,300		"	"	4,300		33	G.O. No: 1937 W a/ 4th June 1884.
	Do	Bangalore	34	Store rooms and workshops for the Pioneer Regiment	"		"	"	3,000		34	Estimate is awaited

Imperial
Military Works

Madras
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Appendi B

List of Works (or Class C Works) omitted from the Budget-Estimate of 1886-87, bu ich expenditure may be incurred during the year by Re-appropriation from Cla B Works.

Head of Classification	Executive Division	Locality	Item No:	Projects and Works	Amou of Estimate	Outlay		Amount applied for 1886-87			Item No:	Remarks and References
						[illegible]	Probable during 1885-86.	Works in progress	Works not commenced	Total		
					Rs.	Rs.	Rs.	Rs.	Rs	Rs.		
A1. Accommodation for troops Buildings for European troops in the plains – Permanent				Imperial Ordinary Military Original Works.								
	Chinglepet	Pallavaram	27	Mortuary rooms for hospitals	..		..	..	3,000		27	Estimate is awaited
	Do	Do	28	Constructing an armourer's shop	2,880		..	..	2,880		28	G. O. No: 3149 W a/22nd December 1884
	Do	Poonamallee	29	Constructing a new double storied barracks	1,66,885	6,854	..	20,000			29	G. O. No: 465 W a/19th February 1879
	Do	Do	30	Providing lightning conductors to the hospital	..		..	..	3,000		30	Estimate is awaited
Accommodation for Native troops	Vizagapatam	Vizianagrum	31	Regimental storeroom for Native Infantry	3,48		..	..	3,480		31	G. O. No: 2628 W a/27th October 1884.
	Bellary	Bellary	32	School house for a regiment, Native Infantry	3,0		..	..	3,030		32	G. O. No: 149 W a/17th January 1884
	Residency	Madras (Royapuram)	33	Flushing drains for Native Infantry lines	4,300		..	..	4,300		33	G. O. No: 1937 W a/4th June 1884.
	Do	Bangalore	34	Store rooms and workshops for the Pioneer Regiment	..		..	..	3,000		34	Estimate is awaited

Appendix B

List of Works (or Class C Works) omitted from the Budget Estimate of 1886-87, but which expenditure may be incurred during the year by Reappropriation from Class B Works.

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.
						end of 1884-85	Probable during 1885-86	Works in progress	Works not commenced	Total		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Accommodation for troops. Buildings for Native troops				Imperial Ordinary Military Original Works.								
	Chingleput	Pallavaram	35	Magazine for a Native Infantry Regiment	„		„	„	4,500		35	Estimate is awaited
(2) Ordnance Works.	Presidency	Madras	36	Wall round the Gun-Powder Factory	„			„	10,000		36	Do
	Do	Do	37	Extra accommodation as store room in the Gun Carriage Factory	„		„	„	6,000		37	Do
	Do	Do	38	Improvements to the barrel machine shop of the Gun Carriage Factory	4,030	1,969	„	2,061	„		38	G. O. No: 2413 W of 16th September 1882
	Do	Do	39	Improvements to the Gun Powder Factory	2,52,41	28,785	2,000	20,000	„		39	G. O. No: 2707 W of 3rd November 1884. Item No: 5 Class A Works, Budget of 1885-86.
	Do	Do	40	Dried deposit magazine, Gun Powder Factory	3,975		„	„	3,975		40	G. O. No: 302 W of 21st April 1885.
	Do	Do	41	One drying house for store	„		„	„	26,320		41	Estimate is awaited
	Do	Do	42	Alterations to the roof of the Final Dusting House	„		„	„	4,300		42	Do

Appendix

List of Works (or Class C Works) omitted from the Budget Estimate of 1886-87, [illegible] which expenditure may be incurred during the year by Re-appropriation from Class [illegible]

Head of Classification	Executive Division	Locality	Item No:	Projects and Works.	Amount of Estimate	Outlay [illegible]	Probable during 1885-86.	Amount applied for 1886-87			Item No:	Remarks and References
								Works in progress	Works not Commenced	Total		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Imperial Ordinary Military Original Works.								
(2) Ordnance Works	Presidency	Tenampet	43	Constructing a wheat godown	"		"	.	5,950		43	Estimate is awaited
	Do	Bangalore	44	Ordnance Depôt Buildings, entrenchment	"		"		4,823		44	Do
(4) Commissariat Buildings	Do	Madras	45	Constructing a shed in the Camp Equipage Depôt	"		"	.	5,300		45	Do
	Do	Do	46	Lines for transport attendants	"		"	.	48,000		46	Do
	Do	Do	47	Workshops and sheds for carts, doolies &ca, Transport Department	"		"	.	5,500		47	Do
	Do	Bangalore	48	Quarters for a Conductor, Transport Department	"		"	.	4,220		48	Do
	Chingleput	Guindy	49	Quarters for a Station Butcher	"		"	"	4,740		49	Do
Fortifications	Presidency	Fort St. George	50	Demolition of Wallajah Ravelin and 2 lunettes	"		"	.	7,434		50	Do
Miscellaneous	Nilgiri	Ootacamund Lovedale	51	Water Supply, Lawrence Asylum	"		"	.	7000		51	Do

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Imperial Military Works. First Circle. Part I

Detail of Budget estimate for original works for the year 1886-87.

Head of classification	Executive Division	Locality	Item No.	Projects & Works	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant for 1886-87: Works in progress	Grant for 1886-87: Works not commenced	Grant for 1886-87: Total	Item No.	Remarks & references
				Military. Original Works Major.	✓							
Accommodation for Troops, Buildings for Native Troops.	Vizagapatam Division.	Vizianagram	1	Constructing store shed for the 16th Regiment M. N. I.	3480	-	-	-	3,480	3,480	1	G.O No. 2628 W. d/27th Oct./8

Lieut Col. R.E.
~~Asst. Engr.~~

For Supt. Engr. 1st Circle.

TM

Enclosure in a letter
No. 300 G.I. dated 7th
November 1885 from the
Supr. Engineer 1st Circle
to the Chief Engr. D.P.W.

Gen 11
9828/B

Enclosure in a letter
No. 300 G.I. dated 7th
November 1885 from the
Supr. Engineer 1st Circle
to the Chief Engr. D.P.W.

mperial Military Works. 1st Circle.

Abstract of the Budget Estimate of Revenue of the Public Works Department from Military works for the year rom 1st April 1886 to 31st March 1887.

	Budget estimate for 1886-87	Budget estimate for 1885-86
Nil-		

Lieutt Col. R.E.
~~Asstt~~ Engr.

For Supr. Engr. 1st Circle.

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Imperial

III Circle D.P.W.

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Statement showing the proposed expenditure in the ensuing Official year and the approximate outlay in the current Official year under all Budget Heads "Major Works" being specified in detail to accompany the Budget Estimate for 1886-87.

Division	Details	Estimate amount	Grant for 1885-86	Approximate expenditure during 1885-86	Proposed expenditure during 1886-87	Remarks.
	Imperial Ordinary Military Major Original Works					
Bellary	Slaughter house & hanging shed for meat	10,066	2,617	2,617	„	
Do.	Infectious disease Ward & Cook house for the Station Hospital	6,140	„	.	5,000	
Do.	New Gun shed with Collar-makers' and Wheelers' shop combined for the Royal Artillery	5663	„	.	5663	
Do.	Armourers' shop 2nd Light Cavalry	2695	„	.	2695	
Do.	School House for the Native Infantry Regiment	3030	„	.	3030	
Do.	Reconstg. Apothecary's Quarters (double) at the Station Hospital, Bellary	6222	„	.	6222	
Do.	Swimming bath for the European Infantry	7644	„	.	5000	Estimate submitted through the Military Authorities.
	1 Minor Work	1978	1393	1393	„	G.O. No. 2137 W d/ 14th September/85.
	Minor Works (Lump sum)	„	„	.	1000	
			Total	4010	28610	
	Repairs Annual Repairs (Lump sum)	„	18607	18607	25000	

Supt g Engr's office }
Bellary 25th September/85

[illegible] Lt Col R.E.
Superintending Engineer
3rd Circle

Statement to accompany the Military Budget Estima for 1886-87.

Imperial

3rd Circle

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Buildings & Roads

Budget Estimate for 1886-87

Abstract

	Estimate 1886-87		Estimate 1885-86	
	Amount	Total	Amount	Total
Military				
Original Works	28,610		4,010	
Repairs	25,000		18,607	
Total Military		53,610		22,617

Supdg Engrs office
Bellary [illegible] September/85

Alfred Niblet Lt Col R.E.
Superintending Engineer
3rd Circle
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Detail of the Budget Estimate of Original Works, Imperial Buildings, and Roads for the year 1886-87.

Head of classification	Executive Division	Locality	Item No.	Projects and Works	Amount of estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant 1886-87	Remarks & References
				Imperial Ordinary Military Original Works Major					
Accommodation for troops Buildings for European troops.	Bellary	Bellary	1	Infectious disease Ward & Cookhouse for the station Hospital	6,140 ✓	„	„	5000	G.O. No. 320 W. of 7th Febry 1884 Item No. 14 of appendix to 1885-86 Budget.
	Do.	Do.	2	New Gunshed with Collar-Makers and wheeler's shop combined for the Royal Artillery	5,663 ✓	„	„	5663	G.O. No. 914 W. D/ 3d April 1884. Item No. 13 of appendix to 1885-86 Budget.
Buildings for Native troops	Do.	Do.	3	Armourer's shop 2d Light Cavalry	2,695	„	„	2695	G.O. No. 2266 W. D/ 14th Septr/81. Item No. 5 Class B. Works, Budget of 1885-86.
	Do.	Do.	4	School House for the Native Infantry Regiment	3,030 ✓	„	„	3030	G.O. No. 149 W. D/ 17th Janry/84 Item No. 31 of appendix to 1885-86 Budget.
Buildings for European troops	Do.	Do.	5	Reconstructing Apothecary's Quarters (Double) at the Station Hospital, Bellary	6,222 ✓	„	„	6222	G.O. No. 1806 W. D/ 3d August 1885.
Do.	Do.	Do.	6	Swimming Bath for the European Infantry	7,644	„	„	5000	Estimate submitted through the Military Authorities.
							Total	27610	

Head of classification	Executive Division	Locality	Item No	Projects and Works	Amount of estimate	Outlay Actual to end of 1884-85	Outlay Probable during 1885-86	Grant 1886-87	Remarks & References
					Brought forward			27610	
	Bellary	Bellary	"	Grant for minor Works costing under Rs 2500 each—	"	"	"	1000	
					Total Military			28610	

Supg Engrs office }
Bellary 25 September /85 }

Lt Col R.E
Superintending Engineer
3d Circle

Imperial
Buildings & Roads — Part II — 3rd Circle

Budget Estimate for repairs, Imperial Buildings and Roads for the year 1886-87.

Head of classification	Division	District	Items	Estimate 1886-87		Estimate 1885-86	
				Amount	Total	Amount	Total
			Imperial Ordinary Military Repairs				
Military	Bellary	Bellary	Annual Repairs	25,000		18,607	
			Total Military		25000		18,607

Supdg. Engr's office
Bellary 25 September/85

Lt Col R.E.
Superintending Engineer
3rd Circle

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Military

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Imperial Military Budget Estimate.

Statement showing the amounts of the estimated requirements in lump sums to be provided in the Imperial Budget estimate for 1886-87.

Divisions.	Minor Works. Military	Minor Works. Civil Buildings	Minor Works. Communications	Minor Works. Miscellaneous Public Improvements	Repairs. Military	Repairs. Civil Buildings	Repairs. Communications	Repairs. Miscellaneous Public Improvements	Tools & Plant.	Remarks.
Ganjam	500	-	-	-	1000	-	-	-	-	
Vizagapatam	* 5,330	-	-	-	✱ 2250	-	△ 250	-	-	
Godavari Eastern Division	-	-	-	-	1,000	-	-	-	-	
Do Central Do	-	-	-	-	-		-	-	-	
Do Western Do	-	-	-	-	-		-	-	-	
Total	5,830	-	-	-	4,250	-	250	-	-	

* This amount is required for the following works.

	Rs
3 Latrines for the 16th Regiment M. N. I. at Vizianagram sanctioned in G.O No. 1237 W. d/28th May 1885	2,040
Constructing a Magazine for the 16th Regiment M. N. I. at Vizianagram sanctioned in G.O No. 278 W. of 5-2-85	1,530
Improvements to the Hospital of 16th Regiment M. N. I. at Vizianagram sanctioned in G.O No. 1746 W. of 16th July 1884	545
Additions to the Regimental Hospital of Do. Do. sanctioned in G.O No. 179 W. d/21-1-84	515
Lump sum grant for unforeseen items	700
	5,330

✱ Of this amount Rs 2010 are required for annual repairs of Military Buildings and the remainder for compensation in lieu of quarters for the Medical Subordinate attached to the Garrison Hospital.

△ Required for annual repairs to cantonment Roads at Vizianagram.

Lieut Col R.E.
~~Asst~~ Engr

For Supg Engr 1st Circle

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Imperial
Military works

IV Circle

Public Works Department

Imperial Budget Estimate
of
Military Works
for the year
1886-87

R.W. Thompson Colonel
5th October/85 Offg: Supg: Engineer
IV Circle
Camp Wellington

Imperial
Military works

Madras
IV Circle

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Revenue

Abstract of the Budget estimate of Revenue of the Public Works Department from Military works in the IV Circle from 1st April 1886 to 31st March 1887.

	Budget Estimate 1886-87	Revised estimate 1885-86	Budget estimate 1885-86	actual 1884-8
In Public Works Department	2,636	2,636	2,636	2,447
In Civil & Military Department	"	"	"	0
Total	2,636	2,636	2,636	2,447

Charges

Abstract of the Budget Estimate of expenditure of the P.W. Department of Military works in the IV Circle for the year from 1st April 1886 to 31st March 187

		Reference to detailed estimate	Budget estimate 1886-87	Revised estimate 1885-86	Budget estimate 1885-86	actual 1884-85
Original works	In progress		19,235	70534	109505	29,896
	Not commenced		80,898			
Repairs	Ordinary Special		60,000	43,000	62,000	27,718
Establishment			"	"	"	"
Tools and Plant			"		"	"
Suspense Account			"	"	"	"
Total			160,133	113534	171,505	57,814

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	Actual 1884-85
	Original works			Repairs	Establish-ment	Tools & Plant	Suspense Accounts	Barrack Depart-ment	Total				
	In pro-gress	not com-menced	Total										
Provision from Imperial Fund													
In India	19,235	80,898	100133	60,000	"	"	"	"	"		113,534	171505	58,119
In England	"	"	"	"	"	"		"	"		"	"	"
Total	19235	80,898	100,133	60,000	"	"	"	"	"		113534	171505	58,119
Provision for Contributions													
In India	"	"	"	"	"	"	"	"	"		"	"	"
Grand Total	19235	80,898	100,133	60,000	"	"	"	"	"		113534	171505	58,119

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											
	Original works			Repairs	Establishment	Tools & Plant	Suspense Accounts	Barracks Department	Total	Revised Estimate 1885-86	Budget Estimate 1885-86	Actual 1884-85
	In progress	Not commenced	Total									
Provision from Imperial Fund												
In India	19235	80,898	100133	60,000	"	"	"	"	"	113534	171505	58,119
In England	"	"	"	"	"	"	"	"	"	"	"	
Total	19235	80,898	100,133	60,000	"	"	"	"	"	113534	171505	58,119
Provision for Contributions												
In India	"	"	"	"	"	"	"	"	"	"	"	"
Grand Total	19235	80,898	100,133	60,000	"	"	"	"	"	113534	171,505	58,119

Imperial Military works — Part I

Detail of the Budget Estimate for Original w ks for the year 1886-87.

Head of classification	Executive Division	Locality	Item No.	Project and works	Amount of Estimate	Outlay actual to end of 1884-85	Outlay Probable during 1885-86	Grant 1886-87 works in progress	Grant 1886-87 works not commenced	Grant 1886-87 Total	Item No.	Remarks & references
				Imperial Ordinary Military Original works A class works								
1 Accommodation for troops Buildings for European troops in the plains permanent	West Coast	Malapuram	1	Barracks for detachment, British Infantry	134,2	83,531	31,448	19235	"	19235	1	
				B class works								
	Nilgiri	Wellington	2	Quarters with out houses for a Barrack Serjeant	7,34	"	"	"	7,348		2	G.O No 1941 W of 21st August 1885 Item No 22 B class works of Budget for 1885-86.
	"	"	3	Gymnasium	2,183	"	"	"	10,000		3	Item No 16 B class works of Budget for 1885-86. Estimate sent to military authorities.
	"	"	4	Adding two Lying in wards to the station Hospital	3,03	"	"	"	3,036		4	G.O Nos 1573 W & 3160 of 6th July /85 & 27th December /84 respectively. Item No 15 of Budget (B class works) for 1885-86.
	"	"	5	Drinking water to be laid on to Hospital		"	"	"	5,000		5	Item No 17 of B class works of Budget for 1885-86. Work not considered necessary & so no estimate is prepared.
3 Commissariat Buildings	West Coast	Quilon	6	Regimental store shed	9,3	"	"	"	9,334		6	G.O. No 1556 W of 3d July /85.
				C.O—					34718	19235		

Imperial Military works

Part

Detail of the Budget Estimate for Original works for the year 1886-87.

Head of classification	Executive Division	Locality		Projects & works	amount of Estimate	Outlay actual to end of 1884-85	Outlay Probable during 1885-86	Grant 1886-87 works in progress	Grant 1886-87 works not commenced	Grant 1886-87 Total	Item No	Remarks & references
				Imperial Ordinary C.d Military C.d Original works C.d					34718	19235		
4 Staff & miscellaneous	Nilgiri	Lovedale	7	Laurence Asylum Water supply		"	"	"	7,000		7	Estimate under preparation sanctioning of proper authority will be necessary for provision of funds under Imperial. Vide G. O. No. 2310 W of 19th Septr 1884.
	Do	Wellington	8	Lock Hospital					4180	45898	8	Estimate submitted for sanction thro' the officer Commanding Wellington with Supg: Engineers No. 176 of 10th June 1885.
				Minor works as per list accompanying						35,000		
				Total						100,133		

Repairs

Coimbatore Division	5,000
West Coast Do	30,000
Nilgiri Division	25,000
	60,000

Pr Ex 6 / 8908/B

4854

Imperial Military works

List of minor new works to accompany the Budget for the year 1886-87

No.	Particulars	Amount of Estimate	Remarks
	West Coast division		
1	Constructing the Family Quarters of West Hill Barracks into Commissariat sergeants stores	650	
2	Converting the Beer Godown at Malliapuram into a Gymnasium	790	
3	Constructing Plat form + pump for a well at Malliapuram	1110	Works Items 1 to 19 have been sanctioned but not commenced for want of funds
4	Deepening a well in the Cholera camping ground at Maliapuram	410	
5	Latrine for the Detachment 6th Madras Native Infantry at Trichur	288	Items 20 to 24 Estimates are being submitted for sanction
6	Improvements to the Madras Infantry Magazine at Quilon	2,380	
7	Constructing a permanent verandah for the Quarter Masters Stores N. I. Regiment Mangalore	630	
8	Substituting asphalte for chunam in the flooring of the wards + surgery of the Hospital attached to the N. I. Regiment Mangalore	695	
	C.O	6,953	

Pd 5-6 / 8908/B

Imperial Military works

List of minor new works to accompany the Budget for the year 1886-87

~~48~~ 54

No.	Particulars	Amount of Estimate	Remarks
	West Coast Division		
1	Constructing the Family Quarters of West Hill Barracks into Commissariat Sergeants stores	650	
2	Converting the Beer Godown at Malliapuram into a Gymnasium	790	
3	Constructing Plat form + pump for a well at Malliapuram	1110	Works Items 1 to 19 have been sanctioned but not commenced for want of funds
4	Deepening a well in the Cholera camping ground at Maliapuram	410	
5	Latrine for the Detachment 6th Madras Native Infantry at Trichur	288	Items 20 to 24 Estimates are being submitted for sanction
6	Improvements to the Madras Infantry Magazine at Quilon	2,380	
7	Constructing a permanent verandah for the Quarter Masters Stores N. I. Regiment Mangalore	630	
8	Substituting asphalte for chunam in the flooring of the wards + Surgery of the Hospital attached to the N. I. Regiment Mangalore	695	
	C.o	6,953	

		B.O.	23,909	
27	Adding a room ~~to~~ the Hospital Purveyors Godown		1,520	G.O. No 1849 w d/30th July/
28	Brick tiled flooring instead of present concrete to the covered passage leading from Married quarters to Latrines		1,000	
29	Converting windows into doors of Nos 2, 3 & 4 Staff Serjeants Quarters		250	
30	Supplying Cooking range to Serjeants Mess capable of cooking for 30 Serjeants		800	
31	New flooring to Racquet Court		1,745	
32	Improving & altering the Hospital, Nursery, Dormitory of male & female branches Lawrence Asylum		1,700	G.O. No 2370 w d/25th Sept 1884.
	Coimbatore D.			
33	Purchase of Farrier Serjeants quarters at Mathagiri, Hosur		1,510	G.O. No 2913 w of 15th October 1883.
		C.O.	32,634	

	Brought forward	32,634	
34	Constructing 2 cisterns to hold water for fire Engine at the Remount Depot, Hosur	1,330	G.O. No 961 w of 23rd April /85
35	Unforeseen works	1,036	
	Total	35,000	

Row Thompson
Colonel R.E.
Offg: Supg: Engineer IV Circle

5th October /85
Camp Wellington

No.	Particulars	Amount
	B.o—	6953
9	Flooring with tar composite the N.I. place of arms Mangalore	653
10	Alterations to the floor of the ovens of Government Bakery Cannanore	440
11	Sinking a well in the Station Hospital Cannanore	700
12	Renewing the floor of the recreation room E.I. Barracks now used as a workshop	2,140
13	Constructing laterite drains to the Govt. Bakery Cannanore	200
14	Building a urinary to the station hospital Cannanore.	68
15	Do to the Plunge bath E.I. Barracks	30
16	Converting the old cells in the fort into a double magazine and treasure room & fixing lightning Conductors	2,420
17	Removing wooden railing and substituting open laterite works for compound wall E.I. Barracks Cannanore	639
	C.o.	14,243

No.	Particulars	Amount	
	B.o	14,243	
18	Repairs to roof of married quarters and out houses R.A. Barracks Cannanore	1,023	
19	Renewing floor of Regiment cells E.I. Barracks	1,100	
20	Forming soldiers Garden at Mallippuram	220	
21	Deepening No 1 well on Cholera Hill at Malliapuram	610	
22	Do No 2 well on Cholera hill do	605	
23	Converting the Godown attached to married Quarters into a cook room at West Hill Barracks	58	
24	Constructing a slaughter house at West Hill	2,020	
	Nilgiri Division		
25	Providing bath rooms for Sergeants Quarters	2,350	
26	Removing the present concrete floor of Latrines of Nos 1.2.3.4 & 5 Barracks & school block & relaying the same with 12" square tiles	1,680	G.O No 3,556 W d/11th Decer/83.
	C.o	23,909	

	B.O.	23,909	
27	Adding a room ~~to~~ to the Hospital Purveyors Godown	1,520	G.O. No 1849 W d/30th July
28	Brick tiled flooring instead of present concrete to the covered passage leading from married quarters to Latrines	1,000	
29	Converting windows into doors of Nos 2, 3 & 4 Staff Serjeants Quarters	250	
30	Supplying Cooking range to Serjeants Mess capable of cooking for 30 Serjeants	800	
31	New flooring to Racquet Court	1945	
32	Improving & altering the Hospital Nursery Dormitory of male & female branches Lawrence Asylum	1,700	G.O. No 2370 W d/25th Septr 1884.
	Coimbatore Dt.		
33	Purchase of Farrier Serjeants quarters at Mathagiri, Hosur	1,510	G.O. No 2903 W of 15th October 1883.
	C.O.	32,634	

	Brought forward	32,634	
34	Constructing 2 cisterns to hold water for fire Engine at the Remount Depot, Hosur	1,330	G.O. No 961 W of 23d April /85
35	Unforeseen works	1036	
	Total	35,000	

Robt Thompson
Colonel RE
Offg: Supg: Engineer IV Circle

5th October /85
Camp Wellington

No. $\frac{\text{Ex 5}}{8708/85}$

Public

~~IV Ord~~

403 [illegible] Others

No. 2870

Fifth Circle.

Budget Estimate of Revenue to be collected by Public Works Department for 1886-87.

Particulars.	Amount	Remarks.
Imperial		
Military		
North Arcot Division		
Rent of Buildings.	270	
Sale of Building Materials	80	
Total	350	

Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Head of Classification	Executive Division	Locality	Item No.	Project & Works	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant 1886-87: Works in Progress	Grant 1886-87: Works not commenced	Grant 1886-87: Total	Item No.	Remarks.
				Imperial Military Major Original Works.								
Accommodation for Troops	Presidency	Bangalore	1	Constructing Stables for 3 Batteries R. H. A. and Field Batteries	59,060	.	.	.	.	.		Estimate was sent to the Assistant Quarter Master Genl Bangalore.
	do	do	2	Cavalry Barracks. Constructing 10 additional Cells for the Military Prison	8325	.	.	.	8325	.		G. A No. 938 W. d/ 5th April 1884
	do	do	3	North Station Hospl Quarters for the Senior Apothecary	5300	.	.	.	5300	"		G. A No. 3385 W. d/ 27th Novr/83
								"	13625	"		

Carried over.

Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Heads of Classification	Executive Division	Locality	Item No.	Project & Works	Amount of Estimate	Outlay: Actual Expenditure to end of 1885-86	Outlay: Probable during 1886-86	Grant 1886-87: Works in Progress	Grant 1886-87: Works not commenced	Grant 1886-87: Total	Item No.	Remarks
Accommodation for Troops.	Presidency			Brought over				.	13625			
	"	Bangalore	4	North Station Hospl. Quarters for an Apothecary	4773		.		4773			G.A. No. 935 W. of 6th April 1884.
	do	do	5	Native Cavalry Accommodation for a Regiment	23490 23370		.	.	14000			G.A. No. 47 W. & 1652 W. dated 10th January & 26th June 1886.
	do	do	6	Native Infantry do do	21636		.	.	10,000 21636			G.A. No. 2962 W. of 29th Novr. 84.
	do	do	7	Gymnasium County as 4th Class one	44600	1788	.	.	"			G.A. No. 1560 of 21st June 1876.
	do	do	8	Royal Artillery Quarters for School Master & Mistress	6200		.	.	6200			
				Carried over				"	60234			

Imperial Military Works.

Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Head of Classification	Executive Division	Locality	Item No.	Project & Works	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant 1886-87: Works in Progress	Grant 1886-87: Works not commenced	Grant 1886-87: Total	Item No.	Remarks
Accommodation for Troops				Brought over					60234			
	Presidency	Bangalore	9	Parade Barracks – Alterations & additions to wash house.	12500	7946	.	.	.			G. A. No. 1102 W. d/ 7th May 1880.
	do	Madras Fort St. George.	10	Converting Racket Court into Covered Gymnasium	11570		2000	9890 9670	.			G. A. No. 690 W. d/ 4th March 1884 1552W / 20-6-84
	do	do	11	Converting A. B. C & D. Blocks into Barracks and Quarters for a Regiment of B. I. – & Garrison Battery of Royal Artillery	4200	.	.	.	4200			Estimate was sent to Dy. Asst. Quarter Master Genl. Madras.
	do	Royapuram	12	Flushing Drains with Seven Wells Water	4300	.	.	.	4300			G. A. No. 1397 W. d/ 4th June 1884.
				Carried over				9670	68734			

Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Heads of Classification	Execution Division	Locality	Item No.	Project & Works	Amount Estimated	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant 1886-87: Works in Progress	Grant 1886-87: Works not commenced	Total	Item No.	Remarks
				Brought over				9070	68734			
Accommodation for Troops	Chingleput	Mount	13	Construction of New R. A. Barracks	116910	97377	22458	27073				Item 1 Class A. of 1885-86.
	do	Poonamallee	14	Do New Double Storied Barracks	166885	6664		20,000				G. A. No 2460 W. 7/19th July/79 Item I Class A of 1883-84.
	do	Mount	15	Construction 6 Blocks of Stables for field Batteries	21702 20802	10,000	9160 9680	1122				Item No 2 Class B of 1885/86. 2381 W / 271-85
	do	Mount	16	Raising the main walls & renovating the roofing of the East & West Harness rooms Troop-Lines	4200	..			4200			G. A. No 3137 W. 7/17th Decr/86
				Carried over				57765	72934			

Imperial Military Works.

Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Head of Classification	Executive Division	Locality	Item No.	Project & Works	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant 1886-87: Works in Progress	Grant 1886-87: Works not commenced	Grant 1886-87: Total	Item No.	Remarks.
				Brought over						208369		
Commissariat Buildings.	Presidency	Madras.	27	Gun Carriage Factory Re-constructing wheel wright shop	7370	.	.	.	7370			G. O. No. 2870 W. d/ 7th Nov/84.
do	do	do	28	Do Re-roofing & re-flooring the Barrel Machine Shop.	4030	1969	.	2061				G. O. No. 2413 W. d/ 16th Sept/82
~~do~~ Cantonment Works.	do	Shevampet	29	Constructing Wheat Godown	5960	.	.		5960			Estimate was sent to the Dy. Asst. Quarter Master General Madras.
do		Chintadripet Guindy	30	~~Constg a Commissariat Slaughter House.~~	11800	.	.	.	~~11800~~			Cancelled vide G. O. No. 2652 W d/ 7-11-85 G. O. No. 1399 W. d/ 12th May 1883.
								2061	25720	27181		
General Cantonment Works.	Presidency	Fort St. George.	31	Improving the Sewerage & water System.	6500 6445	.	.	.	~~6500~~ 6445	6500 242050		2644 W of 20-10-85 Estt. sent to the Dy. A. Q. M. Genl Madras.
				Carried over								

Imperial Military Works.

Fifth Circle

Detail of the Estimate of Original works for 1886-87.

						Outlay		Grant 1886-87.				
Heads of Classification	Executive Division	Locality	Item No.	Project & Works	Amount of Estimate	Actual to end of 1884-85	Probable during 1885-86	Works in Progress	Works not commenced	Total	Item No.	Remarks.
										208369		
				Brought over				57765	90624			
Accommodation for Troops.	Chingleput	Pallavaram	21	Constructing an Armourer's Shop	2880				2880			G. O. No. 3149 W. of 22d. Decr. 84
								57765	93504	151269		
Ordnance Works.	do	Mount	22	Improvements to Reserve Powder Magazine	2605				2606			The Estimate was sent to the Depy. Asst. Qr. Mr. General Madras.
do	Presidency	Madras	23	Gun Powder Factory Improvements	257417	223985	2000	20,000				G. O. No. 2707 W. of 3d. Novr. 84 For the Compound wall.
do	do	do	24	Gun Powder Factory Dried Deposit Magazine	3976				3976			G. O. No. 302 W. of 21st. April 1886.
do	do	do	25	Do. Air Stove Drying house	26320				26320			
do	do	do	26	Do. Alterations to roof of Final Dusting House	4300				4300			Estimate was sent to Inspector General of Ordnance.
				Carried over				20,000	37,700	57100		
										208369		

Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Heads of Classification	Executive Division	Locality	Item No.	Project & Works	Amount of Estimate	Outlay: Actual to end 1884-85	Probable during 1885-86	Grant 1886-87: Works in progress	Works not commenced	Total	Item No.	Remarks
				Brought over						208369		
Commissariat Buildings	Presidency	Madras.	27	Gun Carriage Factory Re-constructing wheel wright shop	7370 ✓	.	.	.	7370			G.O. No. 2870 W. d/ 7th Nov/84.
do	do	do	28	Do. Re-roofing & re-flooring the Barrel Machine shop.	4080 ✓	1969 ✓	.	2061 ✓	.	.		G.O. No. 2413 W. d/ 16th Sept/82
~~do.~~ Cantonment Works	do	[illegible]	29	Constructing Wheat Godown	5960 ✓	.	.	.	5960	.		Estimate was sent to the Dy. Asst. Quarter Master General Madras.
do	Chingleput	Guindy	30	~~Country or Commissariat Slaughter House.~~	~~11800~~	.	.	.	~~11800~~			Cancelled vide G.O. No. 2652 W a/ 7-11-85 G.O. No. 1399 W. d/ 12th May 1883.
								2061	25720	27181		
General Cantonment Works	Presidency	Fort St. George.	31	Improving the Semi castle water system.	~~6000~~ ✓ 6445	.	.		~~6000~~ 6445	6500 242050		2644 W a/ 20-10-85 Estt. sent to the Dy. A.Q.M. Genl Madras.
				Carried over								

No.

Imperial Military Works.

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Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Heads of Classification	Execution Division	Locality	Item No.	Project & Works.	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant 1886-87: Works in Progress	Grant 1886-87: Works not commenced	Grant 1886-87: Total	Item No.	Remarks.

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				Brought over						242050	
							240	6025			
Fortification	Presidency	Madras.	32	Coast Batteries Coasty Guard room	14765 6025	.	.	.	6025		G. A. No. 2126 W. Dated 11 Sept/86
Do	do	Fort Saint George.	33	Demolition of Wallajah Ravelin & 2 lunettes.	7434	.	.	.	7434		
Do	North Arcot.	Vellore	34	Constructing Draw Bridge & Gate at the Fort.	6450	.	.	.	6450		Funds appropriated in 1885-86 have been Surrendered Vide G.A. No. 2137 W. 14th Sept/85
										19909	
										261959	

No.

Imperial Military Works.

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Fifth Circle

Detail of the Estimate of Original works for 1886-87.

Head of Classification	Executive Division	Locality	Appen. No.	Project & Works	Amount of Estimate	Outlay: Actual to end of 1884-85	Outlay: Probable during 1885-86	Grant 1886-87: Works in Progress	Grant 1886-87: Works not commenced	Grant 1886-87: Total	Item No.	Remarks.
				Minor New Works.								
				Presidency Divn	.	.	3737	"		45,000		
				Chingleput do	.	.	1443	.		9,500		
				North Arcot do	.	.	1800	.		4000		
										58500		
				Repairs								
				Presidency Divn	.	.	84346	.		× 170,000		× Includes Rs 20000 on account of Municipal tax on Military Buildings at Madras.
				Chingleput do	.	.	16,000	.		40,000		
				North Arcot do	.	.	2,000	.		3,000		
										213,000		

Office of the Supg Engineer
5th Circle
Dated 5th October 1885.

To
The Chief Engineer
P. W. Department

W H Hutton
Col. R.E.
Offg Supg Engineer
5th Circle

K.S.

Arch 8703

Fifth Circle.

Dated 5th } October/8
Recd. 6 }

No. 2870

Imperial Military.

Detail of Budget Estimate for Origin Works for 1886-87.

Arch 87[illegible]

68

Fifth Circle.

Dated 5th } October/86.
Recd. }

No. 2871

Imperial Military

Statement shewing the probable expenditure on Works during 1885-86.

No. 2871

~~80~~ 71

Imperial Military

Fifth Circle
Statement Shewing the probable Expenditure on works during 1885-86.

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Division	Name of work	Amount of Estimate	Expenditure up to end of 1884-85	Current years grant.	Probable Expenditure in 1885-86.	Remarks.
	Imperial Military Major Original Works.					
Presidency	Armament of Fort Saint George	42035	8036	31035	31035	
do	Quarters for Warrant & Non Commission Officers of the Commissariat Department	26740	14999	11740	11740	
do	Improvements to the Gun Powder Factory at Madras	2,62,412	2,23,986	2000	2000	
do	Fortified Post at Agaram Bangalore	37,300	31015	3020	3020	
do	Converting Racket Court into a Gymnasium Fort Saint George	11890	"	11670	2,000	Rs. 9570 Sanctioned in G.O. No. 2137 W. 14th Sept/85
do	Constructing two Rifle Ranges at Veyasarpady Madras.	4170	"	4170	4170	
do	Constructing Three Rifle Ranges at Agaram Bangalore.	3680	"	3680	3680	
					57645	

No. 2871

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Fifth Circle

Imperial Military

Statement Showing the probable Expenditure on works during 1885-86.

Division	Name of work.	Amount of Estimate	Expenditure up to end of 1884-85	Current year's grant.	Probable Expenditure in 1885-86.	Remarks.
	Brought over				57645	
Presidency.	Constructing Public Buildings for Native Cavalry Regiment Bangalore	23490	„	5760	5760	
— do —	Alterations in the 3 Coast Batteries at Madras	8240	„	8240	8240	
— do —	Additions to Military Prison Bangalore	8325	„	6932	„	Rs 6932 have been surrendered in G. O. No 2137 W d/ 14/9/85.
Chingleput.	Constructing 6 Blocks of Stables for two Field Batteries of Royal Artillery	20160	10,021	9160	9680	
— do —	Granite Stones with Iron rings for — do —	642	„	520		
— do —	Constg New Royal Artillery barracks at Mount	1,46,910	97,379	22,458	22,458	
North Arcot.	Constructing Draw Bridge & Gate at the Fort of Vellore	6450	„	6450	„	Rs 6450 have been Surrendered in G. O. No 2137 W. dated 14th September 1885.
	Total			59520	103783	

~~67~~ 70

No. 2871

Imperial Military ~~68~~ 71

Fifth Circle

Statement Shewing the probable Expenditure on works during 1885-86.

Division	Name of work	Amount of Estimate	Expenditure up to end of 1884-85	Current Years Grant	Probable Expenditure in 1885-86	Remarks
	Minor New Works.					
Presidency	do do	.	.	3737	3737	
Chingleput	do do	.	.	1443	1443	
North Arcot	do do	.	.	1800	1800	
			Total		6980	
	Repairs.					
Presidency	do do	.	.	61393	84346	An additional grant of Rs. 17952 have been applied for in G.O. No. 2137 W. 7 12/9/85
Chingleput	do do	.	.	10,000	16,000	
North Arcot	do do	.	.	2,000	2,000.	
			Total Rs.		101345	

Office of the Supdg Engineer
5th Circle
Dated 5th October 1886.

To
The Chief Engineer
P. W. Dept.

W. Hutton Col. R.E.
Offg. Supdg. Engineer
5th Circle

K.S.

Imperial.   6th Circle.

Military   Part II.

Detail of Budget Estimate for Repairs for the year 1886-87.

Head of Classification	Division.	Locality.	Items	Estimate 1886-87		Estimate 1885-86.	
				amount	Total	amount	Total
			Imperial Ordinary Military.				
	Trichinopoly	Trichinopoly	accommodation for Troops.	3,800		3,000	
			Military Roads				
	Do	Do	Cantonment Roads	1,200		1,200	
	Negapatam	Negapatam	House rent to be paid the 2 Serjeant instructors attached to the South Indian Railway Volunteer Corps at Negapatam	330		396	
	Madura	Madura	Do one Do at Madura	165		132	
	Tinnevelly	Tinnevelly	Do one Do at Tuticorin	165		125	
					5,660		4,853

Kodaikanal
21st September/85

Col. R.E.
Supg Engineer 6th C.

6th Circle.

Statement to accompany Budget Estimate for Imperial Military for 1886-87. Vide G.O. No. 2288 W dated 16 August 1883.

No.	Names of works.	Amount of estimate.	Approximate outlay 1885-86.	Proposed expenditure 1886-87.	Remarks.
	Imperial Ordinary. Military. Original works				
1.	Two Cells of arms and quarter guard combined for two Native Infantry Regiments at Trichinopoly	20,630	„	10,000	One building completed in 1884-85. The grant will be fully utilized if sanctioned.
2.	Combined Magazine for two Native Infantry Regiments at Trichinopoly	5,140	„	5,000	The grant will be fully utilized if sanctioned.
3.	Combined Solitary Cells for two Regiments of Native Infantry at Trichinopoly	1,850	„	1,000	Do. Do.
4	Two Armourers shops for Do. Do.	4,660	„	2,000	One building completed in 1884-85. The grant will be fully utilized if sanctioned.

Kodaikanal
21st September /85

Col. R.E.
Supdg. Engineer 6 Circle

Trichinopoly	Trichinopoly	2	Combined Magazine for two Native Infantry Regiments at Trichinopoly	5,140	-	"	5,000		2	G O No 2194 W / 5.9.84.
		3.	Combined Solitary Cells for two Regiments of Native Infantry at Do	1,850	12,739	3,370	1,000		3	Do
		4	Two Armourers shops for Do Do	4,660			2,000		4	Do one completed in 1884-85.
		5	Combined Store rooms for Do Do	3,370			"		5	Do completed in 1885-86.
				35,650			18,000	18,000		

Kodaikanal
21st September 1885

Col. R.E.
Supdg Engineer 6 Circle

Detail of Budget Estimate for

~~68~~ 77

Head of classification	Executive Dn.	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		
				Imperial ordinary. Military. Original works.								
Accommodation for Troops Buildings for native Troops.	Trichinopoly	Trichinopoly	1	Two Cells of arms + quarter guard combined for two Native Infantry Regiments at Trichinopoly	20,630	"	"	10,000	..	"	1	G.O. No. $\frac{2194 W}{5.9.84}$ one completed in 1884-85.
			2	Combined Magazine for two Native Infantry Regiments at Trichinopoly	5,140	"	"	5,000			2	G.O. No. $\frac{2194 W}{5.9.84}$
			3.	Combined Solitary Cells for two Regiments of Native Infantry at Do.	1,850	12,739	3,370	1,000			3	Do.
			4	Two Armourers shops for Do. Do.	4,660			2,000			4	Do. one completed in 1884-85.
			5	Combined Store rooms for Do. Do.	3,370			"			5	Do. completed in 1885-86.
					35,650			18,000	—	18,000		

Kodaikanal
21st September /85

Col. R.E.
Supdg. Engineer 6 Circle

VI - Circle

Imperial

Military Works

Dated 21
Despd 25 } Sept/8
Recd

No. 1005 J

Detail of Budget
Estimate for 1886-87

B

P.W.D.

No. 2767 D d/ 7th December/85

79

Office-Note

From W

To C/

Please send a statement, for inclusion in the budget of 1886-87, of the probable increase or decrease in the suspense balances for that year.

/Sd/ D.W.B.
Dw

2767 Bay 7-10

15 8/712

Coimbatore Division

Statement showing the proposed expenditure in the year 1886-87 and the approximate outlay in the current official year under the Budget Head Imperial Military

Projects and Works	Amount of Estimate	Outlay up to 31st March 1885	Approximate outlay in the official year 1885-86	Proposed expenditure in the year 1886-87
Major Original Works				
Purchase of Dr. Wells house at Hosur	2500	"	2500	"
Minor Original Works	"	1083	"	3500
Repairs	"	3570	5000	5000
Total	"	4653	7500	8500

Coimbatore
19th September/85

Captn R.E.

5 OCT 85

Executive Engineer

~~72~~ 81

19 SEP 85

Statement showi
the proposed expendi
ture in the year 188
and the approxima
outlay in the current
official year under
Budget Head Imperia
Military

5/82

Ins 5 / 8827/85

Provincial

Detail of the Budget Estimate for Original Works under Provincial services in the Architect Dn for the year 1886-87

Head of Classification	Executive Division	Locality	Item No	Project and works	Amount of Estimate	Outlay actual to end of 1884-85	Outlay Probable during 1885-86	Amount applied for 1886-87 amount	Amount applied for 1886-87 Total	Item No	Remarks and References.
					Rs	Rs	Rs	Rs	Rs		
				Civil Buildings							
				Major Works.							
12. Administration	Architect	Madras	1	Reconstructing the Clerks tiffin room at Chepauk.	2,576	-	-	2576	2,576	1	G. O. No 1251 W dated 29" May 1885
18 Educational	Do	Do	2	Additions and Improvements to the Medical College Buildings at Madras.	75,326	-	-	40,000		2	G. O. No 1252 W d/17" May /84 Item No 9, Class B works, Budget of 85-86.
	Do	Do	3	Constructing Civil Engineering College	-	-	-	50,000		3	Item No 15 Class B. works, Budget of 1885-86
	Do	Do	4	Constructing a School House for the Madrasi Azam	-	-	-	10,800	100800	4	Amount granted in the last years preliminary Budget but since withdrawn in the final issue. Item No 16 Class B. Work - Budget 1885-86
20. Miscellaneous	Do	Do	5	Purchase of the Fishing village near the Presy College	26,500	-	-	26500		5	G. O. No 959 W dated 23-4-85
20 Do	Do	Do	6	Providing a second boat for the Floating Latrine at Chepauk	2566	-	-	2566	29,066	6	G. O. No 1710 W dated 23d July 1885
				Total Major Works	-	-	-	-	1,31,642		
				Lump sum for Minor works	-	-	-	-	2000		
				Total Civil Buildings	-	-	-	-	1,33,642		
				Communications							
				Nil							
				Miscellaneous Public Improvements.							
Pavings and streets	Do	Do	7	Sloping and planting Grass on foreshores of beach	-	-	-	3500		7	
	Do	Do	8	Completing the existing dwarf wall with Terracotta	-	-	-	500		8	
	Do	Do	9	Extending dwarf wall up to Hindu Cemetery	-	-	-	40,000		9	
	Do	Do	10	Extending Promenade to St Thome	-	-	-	15000	63,500	10	
				Lump sum for Minor works	-	-	-	200	200		
				Total Mis: P. Improvements	-	-	-	-	63,700		
				Total Original Works	-	-	-	-	197342		

Chepauk
8th October 1885

Chisholm
Consg Architect to Government

Provincial

Detail of the Budget Estimate of Repairs & Tools and Plant under Provincial Services in the Architect Division for the year 1886–87.

	Division	Locality	Items	Estimate 1886–87		Estimate 1885–86	
				Amount	Total	Amount	Total
				Rs.	Rs.	Rs.	Rs.
Repairs							
Civil Buildings	Architect	Madras	Annual & special Repairs	21,200		7,179	
Communications	Do	Do	Do	–		–	
Mis: P. Improvements	Do	Do	Do	5300		3,000	
		Total			26,500		10,179
Tools & Plant							
	Architect	Madras	New supplies & Repairs	500		500	
		Total			500		500

Chepauk
8th October 1885

R F Chisholm
Consg Architect to Govt.

Or 2/1/8877/15

7/85

West Coast Division

Statement showing the proposed expenditure in the year 1886-87 and the approximate outlay in the current official year under the head Imperial.

Project and works	Amount of Estimate	Outlay up to 31st March 1885	Approximate outlay in the official year 1885-86	Proposed expenditure in the year 1886-87
Imperial Military				
Ordinary				
Original				
Major Works				
Constructing Barracks for Detachment British Infantry Malapuram	134214	83531	31448	19235
Constructing Regimental Store shed at Quilon	9334	"	"	9334
Putting the Cannanore Fort into a state of defence	2958	"	2498	460
Minor Original works	"	6000*	5298	20,000
Repairs	"	9721*	25000	30,000
Total				79029

* From October 1884 to 31st March 1885.

Camp Malapuram
25th September 1885

Offg. Executive Engineer

5 OCT 85

Statement shewing the approximate expenditure under all budget heads during 1885-86 to accompany the Budget for 1886-87.

Name of work	Amount of Estimate	Expenditure to end of 1884-85			Approximate outlay in 1885-86.	Remarks
Imperial Original Works Military						
Constructing a Bakery at Wellington	32,000	4,585	8	8	27,000 A	A. Will be completed during 1885-86.
Minor Works	.	.	.	.	1790	
Repairs	.	.	.	.	13,000	
Imperial Other Services Repairs	.	.	.	.	500	

Executive Engineer's Office
Camp Mehpandi
8th September 1885

Accountant

A L Smith Major R.E.
Executive Engineer.

West Coast Division

Statement shewing
the proposed expend
ture in the year 18
87 and the approx
mate outlay in th
Current Official ye
under the head
Imperial Military

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11 SEP 85

5

Nilgiri Division

Imperial

Statement showing th
approximate expenditur
under all budget head
during 1885-86 to
accompany the Budget
for 1886-87.

Statement of major works proposed to be carri out in 1886-87 to accompany letter No. d/ to the Quarter Maste General.

Executive Division	Locality	Item No.	Projects and works	Amount of estimate	Outlay up to 1884-85	probable during 1885-86	Proposed grant for 1886-87
Chingleput	St. Thomas' mount		New barracks for Royal Artillery	146,910	97,379	22,458	27,073 ✓
Do	Do		Constructing six blocks of Stables for two field batteries of Royal Artillery	20,160	10,000	9,160	2512 1000 ✓
West Coast	Malapuram		Constructing a barracks for a detachment of British Infantry to accommodate 100 men	134,214	83,531	31,448	19,235 ✓
Presidency	Fort St. George		Converting a racket court into a covered gymnasium	11,890	"	2000	9,890 ✓
Do	Bangalore		Public buildings for a regiment of native Cavalry	23,490	"	5,760	14,000 ✓ ?
Trichinopoly	Trichinopoly		Public buildings for 2 regiments of native Infantry	35,650	12,739	3,370	18,000 ✓
Presidency	Fort St. George		Armament of Fort St. George	42,035	8,036	31,035	2,964 ✓
Do	Madras		Alterations in the Coast Batteries	14,265	"	8,240	6,025 ✓
Do	Bangalore		Fortified Post at Agram	37,300	34,467	3,020	5,000 ✓
Do	Do		Public buildings for one Regiment of native Infantry	21,636	"	"	10,000 ✓
Do	Do		Additions to the Military Prison	8,325	"	"	8,325 ✓
North Arcot	Vellore		Draw bridge & gate to the fort	6,450	"	-	6,450 ✓

Executive Division	Locality	Item No.	Projects and works	Amount of estimate	Outlay up to 1884-85	Outlay Probable during 1885-86	Proposed grant for 1886-87	
West Coast	Quilon		Constructing a regimental storeshed	9,334	"	"	9,334	✓
Chingleput	St. Thomas' mount		Alterations to racks in the Ordnance Magazine	2,505	"	"	2,505	✓
Presidency	Fort St. George Madras		Improving water supply	6,445	"	"	6,445	✓
Do			New wheelers shop Gun Carriage Factory	7370	"	"	7370	✓
Bellary	Bellary		Reconstructing double apothecaries quarters, station hospital	6,222	"	"	6,222	✓
Nilgiri	Wellington		Hospital accommodation for women and children	3036			3036	✓
Presidency	Fort St. George		Constructing a new magazine in the Wallajah berm	"	"	"	20,000	✓
Do	Do		Alterations necessary towards rendering the offices of the Accountant General and Controller of military accounts suitable for occupation by troops	"	"	"	40,000	✓✓ ?
Chingleput	St. Thomas' mount		Constructing a coffee shop with Kitchen for the upper story barracks	6,690	"	"	4,320	✓
					Total —		2,27,194	

P. W. D.

Consulting Architect's Office,
Chepauk, Madras,

8th October 1885.

No. 1,000

From

The Consulting Architect to the Government of Madras,

To

The Chief Engineer
Public Works Dept.

Sir,

Enclosure.
5

I have the honor to submit herewith the Budget Estimates for the year 1886-87.

2. The large amount applied for under Provincial Repairs Civil Buildings is due principally to some special repairs required to the Lying-in-Hospital and to the Madras Observatory. The Estimate for the former amounting to Rs 9706 has been sanctioned in G. O. No. 1846 W. dated 10th August 1885 and that for the latter has been

prepared by me under the personal
instructions of the Observer to Govt.

I have the honor to be

Sir,

Your most obdt. servant

W. Mitchell.

Consg. Archt. to Govt.

Incl 8827

Public Works Department.

From

THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

To

The Chief Engineer
Public Works Dept.

No. 1,000

Dated 8th October 1885
Received 9 "

No. of Enclosures. 5

Subject.

Submits Budget Estimates for the year 1886-87.

(B)

Ac. 9571

No. 1897 Ca/19-11-85

~~8~~ 93

To
The Quartermaster General
Madras.

Sir,

I have the honor to forward for the information of the Provincial Commander-in-chief copy of resolution from the Government of India in the Military Department No. 1208 M.W. d/27 October 1885, fixing the Imperial Military works grant for the year 1886-87 for this Presidency at Rs 6,50,000, which amount, distributed under the departmental heads, will be:—

	Rs.
Works	524,194
Establishment at 23 per cent of the grant for works	120564
Tools and Plant at 1 per cent of do	5242
	6,50,000

2

of

C.O. 1673 Way 18-7-85.
" 2550 Way 2-11-85
" 2445 Way 20-10-85
No. 1926 Ca/ 21-11-84

No. 1897 Ca/ 19

19/11

N.B.

See that a reminder is sent if the reply does not arrive soon.

H.J.
19-11-85

File to be returned to B after indexing

19/11

20/11

HEADING.

ACCOUNTS.

No. 1208-M-W.

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

Simla, the 27th October 1885.

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

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	3,00,000
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.

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.	ORDER.—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 Quarter Master General in India, Accountant General, Public Works Department, and Accountant General, Military Department, for information.

R. Newmarch Colonel

Offg. Secretary to the Government of India.

To,

The Secretary to the Government of Madras
Public Works department.

Vide G.O. 951

G. C. B. Press, Simla.—No. 2181 M. D.—28-10-85.—470.

G.O. 309

96

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Govt of India, Military Depts. H.E. No 1208 M.W.A. 27/10/85.
" " Supg Engineer I Circle. H.E. No 300 G.L. d/ 7th Novr 1885.
" Do — III — " " d/ — d/ 25th Sept 1885
" Do — IV — " — " No 403 E d/ 6 Octr 1885
" Do — V — " — " No 2870 d/ 5th Octr 1885
" Do — V — " — " No 2871 d/ 5th Octr 1885
" Do — VI — " — " No 1005-27 d/ 21st Sept 1885
" the Quarter Master General H.E. No 1812 A d/ 1st December 1885.

In the resolutions read above, the Govt of India ~~have~~ 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:—

Original Works, Major	Rs 2,29,616
— Do — Minor	22,368
Repairs	2,71,000
Establishment	1,21,786
Tools and Plant	5,230
Total	Rs 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 & Districts.

3. The total demands for the year on account of minor original works and repairs amount respectively to R 100,000 and R 35,000, 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 Govt. 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 Supg: Engineer V Circle, will ~~be~~ submit at the earliest possible date, plans & 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

the preliminary issue of the Military Works Budget Estimate will be printed and circulated to the Officers concerned, and four copies forwarded to the Govt of India.

H.E. No. Af

Copy of the above forwarded to the Govt. of India.

22/12/85

M. 4/1/86

2.

Supg: Engineers

The Examr: P.W. Accts:

" Military Dept.

" Financial Dept.

CM/

24/12

7/1/86

Despd 11/1/86

MILITARY 1885. DEPARTMENT.

Inch. 10421

90

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

No. 4121. A

Dated 1 } December
Received }

ENCLOSURE. 1

Returns approves the statement regarding proposed distribution of Grants for Mily: Works for 1886-87-

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22.

99

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund,
1st December 1885.

No. 4121. A

90

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
Public Works ~~MILITARY~~ DEPARTMENT.

SIR,

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 grants therein indicated is [illegible]roved by the Provincial Commander-in Chief-

With B

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

D. J. S. McLeod Major,
Deputy Quarter Master General

12/7/

1042

Govt. of (1885) Madras.

PUBLIC WORKS.

Prin

Dated

Recd. Encl.

G.O. 30th Decr 1885, No. 3092 to 3093

Imperial Budget

Estimate of Militar

Works for 1886/8

Orders on the preliminary issue of the

~~[illegible]~~

Forwarding copies

the preliminary issue

of the ______

~~260~~

160/12

40/2