(1) பக்கங்களின் எண்ணிக்கை 224

(2) புதுக்கித் திருப்பிய நாள் 9/1988

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

# தமிழ்நாடு ஆவணக் காப்பகம்.

## தமிழ்நாடு அரசு

பொதுப்பணி துறை

| | | |
|---|---|---|
| அரசாணை எண். | 3160 | அச்சகம் |
| மு. கோப்புத் தாள் எண். | 3161 | பலவகை |

நாள் : 27-12-1884. 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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ஆவண. சுர-1—18,006—15-6-87.

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GOVERNMENT OF MADRAS.

# PUBLIC WORKS DEPARTMENT.

General, Account.

READ—the following papers :—

From the Superintending Engineer, I Circle, dated 23rd October 1884, No. 275-G.L.
" " " II " 3rd " " " ——
" " " III " 18th Sept. " " ——
" " " IV " 10th October " " 466 E.W.
" " " V " 10th " " " 2685.
" " " V " 10th " " " 2668.
" " " VI " 13th " " " ——
From the Quartermaster-General, dated 17th December 1884, No. 102.
" " " " " " " " 103.

Extract from the Proceedings of the Government of India, Military Department, under date Simla, the 5th November 1884, No. 1131 M.W.

Distribution of the Imperial Grant for Military Works for 1885-86.

Resolution—The following is the provisional distribution of the grant for 1885-86 :—

| | Rs. |
|---|---|
| Reserved with the Government of India ... ... ... ... | 3,00,000 |
| Central India ... ... ... ... ... ... ... | 3,00,000 |
| Hyderabad ... ... ... ... ... ... ... | 2,00,000 |
| Rajputana ... ... ... ... ... ... ... | 2,00,000 |
| Military Works Department ... ... ... ... ... | 57,00,000 |
| Central Provinces ... ... ... ... ... ... ... | 1,50,000 |
| British Burma ... ... ... ... ... ... ... | 4,75,000 |
| Assam ... ... ... ... ... ... ... | 2,00,000 |
| Bengal ... ... ... ... ... ... ... | 60,000 |
| North-Western Provinces and Oudh ... ... ... ... | 1,15,000 |
| Punjab ... ... ... ... ... ... ... | 2,50,000 |
| Madras ... ... ... ... ... ... ... | 6,50,000 |
| Bombay ... ... ... ... ... ... ... | 13,00,000 |
| Marine Department ... ... ... ... ... ... | 1,00,000 |
| Total ... | 1,00,00,000 |

2. These grants include provision for any expenditure that may be incurred in England on stores for works classed as Military.

3. 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 1885.

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

Also to the Quartermaster-General, Accountant-General, Public Works Department, and Accountant-General, Military Department, for information.

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 Rajaputana.
The Inspector-General of Military Works.

(Signed) G. CHESNEY,
Secretary to the Government of India.

---

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Chief Engineer, Public Works Department, dated Madras, 17th December 1884, No. 103.

Adverting to your No. 1926-C, dated 21st November, forwarding copy of Resolution * of the Government of India as per margin fixing the Imperial grant for 1885-86 for this presidency at Rupees 6,50,000, and a statement showing in detail the allotment of the sum available for distribution, I am desired to remark that the following items—

* No. 1131 M.W., dated Simla, 5th November 1884.

| | Cost. RS. |
|---|---|
| (i) Bangalore—Accommodation for one Native Infantry Regiment (less Magazine) ... ... ... ... ... ... ... | 14,610 |
| (ii) Bellary—Water-supply to barracks, Royal Artillery and British Infantry ... ... ... ... ... ... ... ... | 3,000 |
| (iii) Bangalore—Store-rooms and workshops for the Pioneer Regiment ... ... ... ... ... ... ... ... | 3,000 |
| (iv) Wellington—Additional hospital accommodation for women and children ... ... ... ... ... ... ... ... | 5,000 |
| (v) St. Thomas' Mount—Coffee shops, three in number, one for each, north, south and new Artillery barracks ... ... ... | 9,000 |

which were originally entered in class B as works of special urgency, and for which funds are greatly needed, have been excluded from the list furnished with your letter under reply.

2. The Commander-in-Chief would beg that the Government of India may be again addressed in view of a special grant being made for these very important works.

3. Beyond this His Excellency sees no reason to make any alteration in the distribution of works as detailed in the statement above referred to.

---

ORDER—dated 27th December 1884, No. 3160 W., Public Works.

In the resolution read above, the Government of India have provisionally assigned Rs. 6,50,000 as the grant for the military works of this Presidency for 1885-86. The distribution of this grant, under departmental heads, is as follows :—

| | RS. |
|---|---|
| Original Works {Major ... ... ... ... ... ... | 2,09,646 |
| Original Works {Minor ... ... ... ... ... ... | 20,000 |
| Repairs ... ... ... ... ... ... ... ... | 2,94,549 |
| Establishment ... ... ... ... ... ... ... ... | 1,20,563 |
| Tools and plant ... ... ... ... ... ... ... | 5,242 |
| Total ... | 6,50,000 |

2. The allotment of the grant to *Major Works* has been approved by His Excellency the Commander-in-Chief. The grants for *Minor Original Works* and *Repairs* will be held at the disposal of Government, to be appropriated early next year, on



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receipt of detailed proposals from Superintending Engineers, and from His Excellency the Commander-in-Chief in the case of grants to be placed at the disposal of officers of the Military Department.

3. The Government of India will be specially requested to assign funds for the following works which His Excellency the Commander-in-Chief considers to be of great urgency. The plans and estimates should, however, first be prepared ; and this matter will engage the early attention of the Superintending Engineers concerned :—

(1) St. Thomas' Mount—Coffee shops, three in number, one for each, north, south and new Artillery barracks.
(2) Bellary—Water-supply to barracks, Royal Artillery and British Infantry.
(3) Bangalore—Accommodation for a Native Infantry Regiment.
(4) Bangalore—Store-room and workshops for the Pioneer Regiment.
(5) Wellington—Additional hospital accommodation for women and children.

4. The grant originally assigned by the Government of India, for 1884-85, was Rs. 6,50,000. This was altered during the year, and finally stood at Rs. 6,12,800, which was the amount of the revised estimate submitted to the Government of India. The variations between the original and revised estimates are explained in the margin.

| | RS. | RS. |
|---|---|---|
| Original grant ... ... ... ... ... | | 6,50,000 |
| *Deduct*— | | |
| Amount disallowed in paragraph 4 of Government of India letter, No. 278 M.W., dated 13th March 1884, printed with G.O., No. 858 W., dated 31st March 1884 ... ... ... | 59,400 | |
| | | 5,90,600 |
| *Add*— | | |
| Amount of special grant sanctioned by Government of India in their letter, No. 1017 M.W., dated 10th October 1884, communicated in G.O., No. 2594 W., dated 22nd October 1884. | 16,000 | |
| Amount re-allotted in Government of India letter, No. 1052 M.W., dated 20th October 1884, communicated in G.O., No. 2668 W., dated 9th October 1884 ... ... ... | 6,200 | |
| | | 22,200 |
| Final grant ... ... ... ... ... ... | | 6,12,800 |

5. With these remarks the preliminary issue of the Military works budget estimates for 1885-86 will be printed and circulated to the officers concerned, and four copies forwarded to the Government of India.

(Here enter No. 3161 W., dated 27th December 1884.)

(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 27th December 1884, No. 3161 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. W. H. French.
Spare Copies

V

GENERAL.
ACCOUNT.

# Govt. of {1884} Madras.

PUBLIC WORKS.

*Dated December, 27th.*

*Recd.*

*Encl.*

**G.O., 27th Dec. 1884, No. 3161 W.**

**DECEMBER.**

---

**Military Works Budget Estimates**

Forwarding copy of orders circulating the preliminary issue of the — for 1885-86, with copies of the budget estimates.



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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

---

General.
Account.

READ—the following letter from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 10th October 1884, No. 1017 M.W.:—

In reply to your letter, No. 2245 W., dated 12th September 1884, I am directed to convey the sanction of the Government of India to a special grant of Rs. 16,000 to meet municipal taxes on military buildings at Madras.

---

ORDER—dated 22nd October 1884, No. 2594 W., Public Works.

Communicated to the Superintending Engineer, V Circle, with reference to G.O., No. 2244 W., dated 12th September 1884.

(True Extract.)

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

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

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

*Dated October, 22nd.*

*Read.*

*Encl.*

G.O., 22nd Oct. 1884, No. 2594 W.

OCTOBER.

## Military Buildings at Madras

Letter from the Government of India, sanctioning a special grant to meet municipal taxes on —, communicated to the Superintending Engineer.

STATEMENT of additional Allotments required during the Year under Military.

| Name of Work. | Amount of Estimate. | Past Expenditure up to 1883-84. | Allotment already made for 1884-85. | Allotment now required. | Reference. | Remarks. |
|---|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | | |
| New Royal Artillery barracks at St. Thomas' Mount. | 1,35,050 | 67,389 | 30,000 | 13,000 | G.O., No. 288 W., dated 4th February 1884. Item No. 1, Class A Works, budget of 1884-85. | To admit of the work being pushed on without stopping its progress. |
| Constructing six blocks of stables for two field batteries of Royal Artillery at St. Thomas' Mount. | 20,160 | ... | 10,000 | 1,000 | G.O., No. 2747 W., dated 1st October 1883. Item No. 1. Class B Works, budget of 1884-85. | The Executive Engineer considers that this sum can also be spent during the current official year. |
| Barracks for detachment, British infantry, Malapuram. | 1,31,610 | 45,530 | 38,000 | 19,459 | G.O., No. 580 W., dated 3rd March 1884. Budget item No. 3, Class A Works. | To complete works in hand and to commence building barrack block No. 2. |
| Converting the old artillery stables at Cannanore into a bakery, and sinking a well. | 11,380 | 5,000 | 2,500 | 3,880 | G.O., No. 181 W., dated 21st January 1884. Budget item No. 8, Class A Works. | An incomplete work of last year. Additional funds are required to complete the work. |
| Converting the old cells in the Cannanore fort into a double magazine and treasure room. | 2,420 | ... | ... | 2,420 | G.O., No. 2368 W., dated 24th September 1884. | His Excellency the Commander-in-Chief is anxious that the work should be commenced as soon as possible. |
| Constructing public buildings in connection with the lines of the 30th Regiment, Native Infantry, at Trichinopoly. | 35,650 | 3,138 | 9,500 | 5,000 | G.O., No. 2194 W., dated 5th September 1884. Item No. 2, Class B Works, budget for 1884-85. | To push on the work as the building will be required when the 30th Madras Native Infantry move into their new lines, probably before the close of the current official year. |
| Total ... | ... | ... | ... | 44,759 | | |
| Minor works and repairs ... ... | ... | ... | ... | 46,763 | | |
| | ... | ... | ... | 91,522 | | |
| Establishment at 23 per cent. ... | ... | ... | ... | 21,050 | | |
| Tools and plant at 1 per cent. ... | ... | ... | ... | 915 | | |
| Grand Total ... | ... | ... | ... | 1,13,487 | | |

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# 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,

I am directed to forward a statement of military works for which funds are urgently required during the current official year, and to request that the Government of India may be moved to allot, if possible, either the whole or a part of the demand, which amounts to Rs. 1,13,487.

2. The major works mentioned in the statement are all projects which His Excellency the Commander-in-Chief is anxious to have pushed on to early completion ; and the demand under minor works is on account of urgent works commenced in anticipation of allotments, and others held in abeyance for want of funds, but the completion of which is strongly urged by the Military authorities.

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,
27th October 1884.

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

# Govt. of {1884} Madras.

PUBLIC WORKS.

*Dated October, 27th.*

*Read.* *Encl.*

**27th Oct. 1884, No. 2627 W.**

**OCTOBER.**

**Military Works**

Forwarding a statement of — requiring funds, and requesting an allotment.

29th October 1884, No. 2668 W., Public Works.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Military Works.**

Read—the following letter from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 20th October 1884, No. 1052 M.W.:—

In reply to your letter, No. 1839 W., dated 29th July 1884, I am directed to state, for the information of the Governor in Council, that the Government of India are pleased to re-allot the sum of Rs. 6,200, struck out of the preliminary issue of the Madras Military Works budget estimate of the current year, for the construction of the bakery at Wellington.

2. This sum includes the authorised percentage for establishment and tools and plant.

3. The plans and estimates received with your letter under reply are herewith returned as requested.

Order—dated 29th October 1884, No. 2668 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, for information and guidance, with advertence to proceedings of Government, under date the 29th July 1884, No. 1838 W.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with plan and estimate.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Military Department.

Exd. E. Fernandez.
Spare Copies

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BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1884} Madras.

## PUBLIC WORKS.

*Dated October, 29th.*

*Recd.* *Encl.*

**G.O., 29th Oct. 1884, No. 2668 W.**

**OCTOBER.**

**Bakery at Wellington**

Letter from the Government of India, re-allotting funds for the —, communicated to the Superintending Engineer.



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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

| | | | | |
|---|---|---|---|---|
| From the Superintending Engineer, I Circle, | dated | 4th July | 1884, | No. 106 V.Z. |
| „ the Quartermaster-General, | „ | 11th Aug. | „ | „ 655 B. |
| Endorsement thereon, Military Department, | „ | 12th „ | „ | „ 3896. |
| From the Superintending Engineer, I Circle, | „ | 30th July | „ | „ 142 V.Z. |

ORDER—dated 5th September 1884, No. 2191 W., Public Works.

Recorded.

2. Municipal taxation on the military buildings at Vizagapatam may be admitted by the Executive Engineer.

(True Extract.)

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

To the Superintending Engineer, I Circle.
„ Examiner, Public Works Accounts.
„ Military Department.
„ Financial do.

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

# Govt. of {1884} Madras.

## PUBLIC WORKS.

*Dated September, 5th.*

*Recd.* *Encl.*

**G.O., 5th Sept. 1884, No. 2191 W.**

**SEPTEMBER.**

**Municipal Tax**

The Executive Engineer, Vizagapatam, authorised to admit the — on the military buildings.



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GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 6th August 1884, No. 1737.

I have the honor to request that a sum of Rs. 15,960 may be allotted under Repairs, Military, in the Presidency division, for the payment of the municipal tax on military buildings for the year 1884. This large amount cannot be paid from the grant for Repairs without serious inconvenience and the postponement of necessary work.

---

From A. T. ARUNDEL, Esq., President, Municipal Commission, Madras, to the Chief Secretary to Government, dated Madras, 25th July 1884, No. 847.

With reference to the enclosed correspondence between this office and the Executive Engineer, Presidency division, I have the honor to request that Government will be pleased to order the payment of the municipal taxes on military buildings for the current year. These taxes are as follows:—

| | | | RS. | A. | P. |
|---|---|---|---|---|---|
| House, water, and lighting taxes ... | 1st half of 1884 | ... | 7,953 | 4 | 2 |
| | 2nd do. | ... | 7,956 | 8 | 0 |
| | Total ... | | 15,909 | 12 | 2 |

2. Up to last year the amount due on all Government buildings, civil and military, was paid by the Collector of Madras. The Accountant-General, however, by circular, No. 42, dated 14th September 1883, requested that the demands against military buildings might be sent direct to the Executive Engineer, Presidency. The latter, in the first instance, objected to the amount of the tax, which, however, has become fixed in the absence of a formal appeal, and he now represents that there are no funds at his disposal from which to meet the demand.

3. In my letter, No. 763, dated 27th June 1884, I addressed Government with regard to the delay this year in payment of the taxes due on civil as well as on military buildings.

---

ENCLOSURES.

From Captain R. E. HAMILTON, R.E., Executive Engineer, Presidency Division, to the President, Municipal Commission, Madras, dated Bangalore, 12th July 1884, No. 2078.

With reference to your letter, No. 471, dated 15th March 1884, I have the honor to state that I have valued all the military buildings in Madras and find that the taxes amount to Rs. 6,411-8-7.

2. I am therefore unable to forward you a cheque for Rs. 7,983-4-2, and have forwarded the papers connected with the subject for orders of the Superintending Engineer.

---

From A. T. ARUNDEL, Esq., President, Municipal Commission, Madras, to the Executive Engineer, Presidency Division, Bangalore, dated Madras, 14th July 1884, No. 796.

In reply to your letter, No. 2078, dated 12th July, I have the honor to inform you that the valuation of the military buildings in question cannot be altered for the current year. If you consider the valuation too high, it will be open to you, on behalf of Government, to file, under

section 130 of the Municipal Act, I of 1884, an appeal in this office against the valuation and assessment for 1885 before a date which will be duly notified in the *Fort St. George Gazette*. As no such appeal was made for the current year, the assessment has, by section 196 of the Act, become final.

2. I beg therefore that you will be good enough to forward to me the amount of the tax, viz., Rs. 7,953-4-2, which has been long overdue.

---

From Captain R. E. HAMILTON, R.E., Executive Engineer, Presidency Division, to the President, Municipal Commission, dated Fort St. George, 19th July 1884, No. 101-A.

I have the honor to acknowledge your letter, No. 796, dated 14th July 1884.

2. I understand from paragraph 1 of your letter under reply that the tax to be paid for the current year is Rs. 7,983-4-2.

3. I do not, however, now see my way to paying this amount. There is no provision that I am aware of in the military budget for tax on military buildings, and it certainly cannot be met from the grant for ordinary repairs which is the same this year as formerly.

4. The latest Government order I have on the subject is No. 2521 W., dated 8th September 1883. If there is a later one, I should be much obliged if you would furnish me with a copy of it.

5. I have addressed the Examiner, Public Works Accounts, asking him if there is any provision for payment of taxes in the military grant of this year for the Presidency.

---

No. 1729, Financial.

Transferred to the Public Works Department for issue of early orders.

(By Order.)

OOTACAMUND,
1st August 1884..

(Signed) H. TREMENHEERE,
Acting Assistant Secretary.

---

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 8th August 1884, No. 1768.

In returning the enclosures of your endorsement, No. 433 E., dated 5th instant, I have the honor to report that the military buildings for which tax is demanded are within the municipal limits of Madras, and to meet this demand I have applied for an allotment of Rs. 15,960 in my letter, No. 1737, dated 6th instant.

2. There seems, however, to be an error in this amount. The Executive Engineer, in his letter to the Municipal President, of the 12th ultimo, quotes the demand as Rs. 7,983-4-2, instead of Rs. 7,953-4-2 for the half-year: whereas the actual demand is for Rs. 15,909-12-2 for the whole year.

---

ORDER—dated 12th September 1884, No. 2244 W., Public Works.

There are no funds at the disposal of Government to meet this charge. The Government of India will be accordingly requested to make a special grant under Imperial Military Works.

(Here enter No. 2245 W., dated 12th September 1884.)

(True Extract.)

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

To the Superintending Engineer, V Circle.
" Financial Department.

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

# Govt. of {1884} Madras.

## PUBLIC WORKS.

*Dated September, 12th.*

*Recd.* *Encl.*

**G.O., 12th Sept. 1884, No. 2244 W.**

**SEPTEMBER.**

**Municipal Taxes on Military Buildings at Madras**

Ordered that the Government of India be requested for a special grant under Imperial Military Works to meet — for 1884.



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## 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,

I am directed to forward the accompanying correspondence, from which it will be observed that, under the ruling * of the Government of India transferring to the Military Works budget grant all charges on account of municipal taxes on military buildings, a liability amounting to nearly Rs. 16,000 has now to be met by the Public Works Department for taxes on military buildings within the municipal limits of Madras for the year 1884.

* *Vide* your letter, No. 446 S.C, dated 5th July 1883.

2. As the demand has arisen long after the issue of the budget estimate of the current official year, no provision was made to meet it. His Excellency the Governor in Council is accordingly compelled to ask the Government of India for a special grant ; there being no funds available under Military Works, and no means of providing any except by reduction of allotments for works in progress,—a step which the Government trust they may not be compelled to take, as the small sum placed at their disposal is already insufficient to meet the urgent demands made upon them.

3. In framing the budget for 1885-86, provision will be made to meet charges of this character.

I have the honor to be,

Sir,

Your most obedient servant,

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

OOTACAMUND,
12th September 1884.

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

*Dated September, 12th.*

*Read.* *Encl.*

**12th Sept. 1884, No. 2245 W.**

**SEPTEMBER.**

**Municipal Taxes on Military Buildings at Madras**

The Government of India asked for a special grant under Imperial Military Works to meet — for 1884.

PRELIMINARY ISSUE.

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**IMPERIAL.**
**MILITARY WORKS.**

**MADRAS.** 11

PUBLIC WORKS DEPARTMENT.

# IMPERIAL BUDGET-ESTIMATE

OF

# MILITARY WORKS

OF THE

# GOVERNMENT OF MADRAS

**FOR THE YEAR**

# 1884-85.

CHEPAUK,
19th December 1883.

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

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IMPERIAL.
MILITARY WORKS.

MADRAS.

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IMPERIAL.
MILITARY WORKS.

MADRAS.

*REVENUE.*

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1884 TO 31st MARCH 1885.

| — | Budget Estimate, 1884-85. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In Public Works Department ... ... ... | 32,000 | 30,000 | 30,000 | 28,273 |
| In Civil and Military Departments ... ... ... | ... | ... | ... | ... |
| Total ... | 32,000 | 30,000 | 30,000 | 28,273 |

*CHARGES.*

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1884 TO 31st MARCH 1885.

| — | Reference to Detailed Estimate. | Budget Estimate, 1884-85. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|---|
| | | Rs. | Rs. | Rs. | Rs. |
| Original Works. In progress ... | 4.5... | 96,480 | 2,04,000 | 1,00,000 | 2,48,365 |
| Original Works. Not commenced. | 6.7... | 1,49,520 | | 39,987 | |
| Repairs ... Ordinary ... | ... | 2,75,000 | 2,72,500 | 2,75,000 | 2,92,955 |
| Repairs ... Special ... | ... | ... | ... | ... | ... |
| Establishment ... ... ... | ... | 1,21,200 | 1,11,100 | 96,988 | 1,11,767 |
| Tools and Plant ... ... ... | ... | 7,800 | 7,200 | 6,225 | 7,221 |
| Suspense Account ... ... ... | ... | ... | ... | ... | ... |
| Total ... | ... | 6,50,000 | 5,94,800 | 5,18,200 | 6,60,308 |



IMPERIAL.
MILITARY WORKS.

MADRAS.

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

| — | Budget-Estimate, 1884-85. Original Works. In progress. | Not commenced. | Total. | Repairs. | Establishment. | Tools and Plant. | Suspense Account. | Barrack Department. | Total. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Provision from Imperial Funds. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs | Rs. | Rs. | Rs. | Rs. | Rs. |
| In India ... | 96,480 | 1,49,520 | 2,46,000 | 2,75,000 | 1,21,200 | 7,800 | ... | .. | 6,50,000 | 5,94,800 | 5,18,200 | 6,60,308 |
| In England. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total ... | 96,480 | 1,49,520 | 2,46,000 | 2,75,000 | 1,21,200 | 7,800 | ... | ... | 6,50,000 | 5,94,800 | 5,18,200 | 6,60,308 |
| Provision from Contributions. | | | | | | | | | | | | |
| In India ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Grand Total. | 96,480 | 1,49,520 | 2,46,000 | 2,75,000 | 1,21,200 | 7,800 | ... | ... | 6,50,000 | 5,94,800 | 5,18,200 | 6,60,308 |

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

| — | Budget-Estimate, 1884-85. Original Works. In progress. | Not commenced. | Total. | Tools and Plant. | Suspense Account. | Total. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | *Nil.* | | | | | |



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IMPERIAL.
MILITARY WORKS.

MADRAS.

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PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS

I.

ORIGINAL WORKS FOR THE YEAR 1884-85.

A WORKS.

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. Actual to end of 1882-83. | Outlay. Probable during 1883-84. | Grant, 1884-85. Works in progress. | Grant, 1884-85. Works not commenced. | Grant, 1884-85. 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. | Chingleput. | St. Thomas' Mount. | 1 | New barracks for Royal Artillery... | 1,30,870 | 37,349 | 30,000 | 30,000 | ... | 30,000 | 1 | G.O., No. 1894 W., of 25th July 1882. Item No. 2 of class A works of budget of 1883-84. |
| | Coimbatore. | Malapuram ... | 2 | Barracks for detachment, British Infantry, to accommodate 100 men. | 90,830 | 10,547 | 40,000 | 38,000 | ... | 38,000 | 2 | G.O., No. 1840 W., of 18th July 1882. Item No. 3 of class A works of budget of 1883-84. |
| | Presidency. | Bangalore ... | 3 | Alterations and additions to wash-houses for the British Infantry. | 12,500 | ... | 8,000 | 4,000 | ... | 4,000 | 3 | G.O., No. 1102 W., of 7th May 1880. Item No. 1 of class B works of budget of 1883-84. |
| Buildings for Native Troops. | North Arcot. | Vellore ... | 4 | Armourer's shop for Native Infantry Regiment. | 2,800 | ... | 820 | 1,980 | ... | 1,980 | 4 | G.O., No. 1547 W., of 20th June 1881. |
| (2) Ordnance Works ... | Presidency. | Madras ... | 5 | Completing the emplacements and improving the store-rooms, &c., of the coast batteries. | 42,320 | ... | 30,000 | 10,000 | ... | 10,000 | 5 | G.O., No. 1661 W., of 13th June 1883. Item No. 34, appendix B of budget of 1883-84. |
| | Do. ... | Fort St. George. | 6 | Armament of Fort St. George ... | 42,035 | ... | ... | ... | 30,000 | 30,000 | 6 | G.O., No. 2970 W., of 19th Oct. 1883. Item No. 2, class B works of budget of 1883-84. |
| | Do. ... | Madras ... | 7 | Improvements to the gunpowder factory. | 2,28,252 | 1,98,737 | 16,935 | 10,000 | ... | 10,000 | 7 | G.Os., No. 187 W., dated 16th January 1883, No. 2073 W., of 30th July 1883. No. 2748 W., of 1st October 1883, and No. 3278 W., of 7th November 1883. Further estimates under preparation. |
| (3) Commissariat Buildings. | Coimbatore. | Cannanore ... | 8 | Converting the old Artillery stables at Cannanore into a bakery, and sinking a well. | 7,660 | ... | 5,000 | 2,500 | ... | 2,500 | 8 | G. O., No. 2213 W., of 10th August 1883. Item No. 41, appendix B of budget of 1883-84. |
| | | | | Total ... | ... | ... | ... | 96,480 | 30,000 | 1,26,480 | | |





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LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, BUT

APPENDIX

FROM CLASS

| HEAD OF CLASSIFICATION. | EXECUTIVE DIVISION. | LOCALITY. | ITEM NO. | PROJECTS AND WORKS. | AMOUNT OF ESTIMATE. |
|---|---|---|---|---|---|
| | | | | IMPERIAL ORDINARY. | Rs. |
| | | | | MILITARY. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Presidency. | Fort St. George. | 1 | Armourer's shop for the European Infantry Regiment. | ... |
| | Chingleput. | St. Thomas' Mount. | 2 | Plunge-bath for Royal Artillery ... | ... |
| | Presidency. | Bangalore ... | 3 | Garrison gymnasium of the fourth class. | 44,600 |
| | Do. | Do. | 4 | Quarters for the Apothecary attached to the Station Hospital. | 5,300 |
| | Bellary ... | Bellary ... | 5 | Infectious disease ward of Station Hospital. | ... |
| | Coimbatore. | Cannanore ... | 6 | Plunge-bath for British Infantry. | 4,690 |
| | Chingleput. | St. Thomas' Mount. | 7 | Coffee-shops, three in number, one for each—North, South, and the New Artillery Barracks. | ... |
| | Coimbatore. | Malapuram ... | 8 | Gymnasium for a detachment of British Infantry. | ... |
| | Chingleput. | Poonamallee... | 9 | Barracks for European troops at Poonamallee. | 2,70,506 |
| | Do. | St. Thomas' Mount. | 10 | Raising the main walls and renovating the roofing of the east and west harness-rooms. | ... |
| | Bangalore. | Bangalore ... | 11 | Constructing stables for three batteries of Royal Horse Artillery and Field Battery. | ... |
| | Coimbatore. | Cannanore ... | 12 | Improving latrines for the British Infantry. | 2,780 |
| | Bellary ... | Bellary ... | 13 | New gun-sheds with collar maker's and wheel-shop combined for the Royal Artillery. | ... |
| | Presidency. | Bangalore ... | 14 | Quarters for an Assistant Apothecary, North Station Hospital. | ... |
| | Do. | Fort St. George. | 15 | Purchase of Exchange House ... | 70,000 |
| Buildings for European troops on the hills. | Nilgiri ... | Wellington ... | 16 | Gymnasium for the Depôt ... | ... |
| | Do. ... | Do. ... | 17 | Drainage pipe for the remaining block, the same as No. 5 block. | ... |
| | Do. ... | Do. ... | 18 | Bath-room to wash-houses ... | ... |
| | Do. ... | Do. ... | 19 | Female Hospital at the Wellington Depôt. | 3,120 |
| | | | | | ... |
| | | | | Carried over ... | ... |





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B.

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

B WORKS.

| OUTLAY. | | GRANT, 1884-85. | | | ITEM NO. | REMARKS AND REFERENCES. |
|---|---|---|---|---|---|---|
| Actual to end of 1882-83. | Probable during 1883-84. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | ... | ... | 1 | Estimate awaited. |
| ... | ... | ... | ... | ... | 2 | Do. |
| 1,788 | ... | ... | ... | ... | 3 | G.O., No. 1560, of 21st June 1876. |
| ... | ... | ... | ... | ... | 4 | G.O., No. 3385 W., of 27th November 1883. |
| ... | ... | ... | ... | ... | 5 | Estimate awaited. |
| ... | ... | ... | ... | ... | 6 | G.O., No. 418, of 10th February 1876. |
| ... | ... | ... | ... | ... | 7 | Estimate awaited. |
| ... | ... | ... | ... | ... | 8 | Do. |
| 50,989 | 9,335 | ... | ... | ... | 9 | G.O., No. 465 W., of 19th February 1879. Item No. 1 of Class A Works of Budget, 1883-84. Work held in abeyance. |
| ... | ... | ... | ... | ... | 10 | Estimate awaited. |
| ... | ... | ... | ... | ... | 11 | Do. |
| ... | ... | ... | ... | ... | 12 | G.O., No. 1056, of 4th April 1879. |
| ... | ... | ... | ... | ... | 13 | Estimate awaited. |
| ... | ... | ... | ... | ... | 14 | Do. |
| 61,600 | ... | ... | ... | ... | 15 | G.Os., No. 751 W., of 18th March 1881, and No. 2724 W., of 19th October 1882. |
| ... | ... | ... | ... | ... | 16 | Estimate awaited. |
| ... | ... | ... | ... | ... | 17 | Do. |
| ... | ... | ... | ... | ... | 18 | G.O., No. 1472 W., of 4th June 1874. |
| ... | ... | ... | ... | ... | 19 | Estimate awaited. |
| ... | ... | ... | ... | ... | | |



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LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, FROM CLASS APPENDIX

B—*cont.*

BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION.

B WORKS—*cont.*

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. Actual to end of 1882-83. | Outlay. Probable during 1883-84. | Grant, 1884-85. Works in progress. | Grant, 1884-85. Works not commenced. | Grant, 1884-85. Total. | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | | Brought forward ... | ... | | | | | | | |
| | | | | IMPERIAL ORDINARY—*cont.* | | | | | | | | |
| | | | | MILITARY—*cont.* | | | | | | | | |
| | | | | *Original Works*—cont. | | | | | | | | |
| (1) *Accommodation for troops*— Buildings for European troops on the hills. Permanent. | Nilgiri ... | Wellington ... | ~~20~~ | Converting present cattle-shed into a latrine and constructing a covered passage, Lawrence Asylum. | ~~2,700~~ | ... | ... | ... | ... | ... | ~~20~~ | G.O., No. 3383 W., of ~~21st December 1882.~~ |
| | Do. | Do. | 21 | Drinking-water to be laid on to Hospital. | ... | ... | ... | ... | ... | ... | 21 | Estimate awaited. |
| | Do. | Do. | 22 | Quarters for a Warrant Officer or Staff Sergeant of the Barrack Department. | ... | ... | ... | ... | ... | ... | 22 | Do. |
| Buildings for Native troops. | Presidency. | Madras ... | 23 | New Regimental School at the Perambúr lines. | ... | ... | ... | ... | ... | ... | 23 | Do. |
| | Do. | Do. | 24 | Two latrines for the Regimental lines at Ráyapuram. | ... | ... | ... | ... | ... | ... | 24 | Do. |
| | Chingleput. | Pallávaram ... | 25 | One mortuary-room for each of the Store Hospitals Nos. 1 to 3. | ... | ... | ... | ... | ... | ... | 25 | Do. |
| | Do. | Do. | 26 | Regimental Magazine ... ... | ... | ... | ... | ... | ... | ... | 26 | Do. |
| | North Arcot. | Vellore ... | 27 | School-house for a Native Infantry Regiment. | ... | ... | ... | ... | ... | ... | 27 | Do. |
| | Presidency. | Bangalore ... | 28 | Accommodation for one Regiment of Native Infantry. | ... | ... | ... | ... | ... | ... | 28 | Do. |
| | Trichinopoly. | Trichinopoly... | 29 | Accommodation for a third Regiment of Native Infantry as above. | ... | ... | ... | ... | ... | ... | 29 | Do. |
| | Do. | Do. | 30 | Two latrines for Native Infantry Regiment. | ... | ... | ... | ... | ... | ... | 30 | Do. |
| | Coimbatore. | Quilon ... | 31 | Magazine for Native Infantry Barracks. | ... | ... | ... | ... | ... | ... | 31 | Do. |
| | Do. | Do. | 32 | Store-room for Native Infantry Barracks. | ... | ... | ... | ... | ... | ... | 32 | Do. |
| | Trichinopoly. | Trichinopoly... | 33 | School-room for 100 pupils of 30th Regiment, Native Infantry. | ... | ... | ... | ... | ... | ... | 33 | Do. |
| | Vizagapatam. | Vizagapatam. | 34 | Regimental store-room to be included as storeage for Camp Equipage. | ... | ... | ... | ... | ... | ... | 34 | Do. |
| | Chingleput. | Pallávaram ... | 35 | New line for one Native Infantry Regiment. | ... | ... | ... | ... | ... | ... | 35 | Do. |
| | Ganjam ... | Berhampore ... | 36 | Armourer's shop ... ... ... ... | ... | ... | ... | ... | ... | ... | 36 | Do. |
| | Trichinopoly. | Trichinopoly... | 37 | Four latrines for the 30th Regiment, Native Infantry. | ... | ... | ... | ... | ... | ... | 37 | Do. |
| | | | | Carried over ... | ... | | | | | | | |

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, BUT

**APPENDIX**

FROM CLASS

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | Military—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*—Buildings for Native troops. Permanent ... | Trichinopoly. | Trichinopoly... | 38 | Proposed enlargement and constructing outer verandahs to 30th Regiment, Native Infantry Barracks. | ... |
| (2) *Ordnance Works* ... | Presidency. | Madras ... | 39 | Improvements to the barrel machine shop of the Gun Carriage Factory. | 4,030 |
| (3) *Commissariat Buildings.* | Do. ... | Do. ... | 40 | Quarters for Station Butcher ... | ... |
| | Chingleput. | Guindy ... | 41 | Converting the late Superintending Engineer's Office at Guindy into a Commissariat Slaughter-house. | 11,800 |
| | Presidency. | Madras ... | 42 | Sheds for public cattle and lines for their attendants. | ... |
| (5) *Stud* ... ... | Coimbatore. | Malapuram ... | 43 | Quarters for Commissariat Staff Sergeant. | ... |
| | Salem ... | Hosúr ... | 44 | Purchase of Dr. Wells' house at Remount Depôt. | 2,500 |
| | Dó. ... | Do. ... | 45 | Purchase of Farrier Sergeant's house at Remount Depôt. | 1,510 |
| (7) *General Cantonment Works.* | Nilgiri ... | Wellington ... | 46 | Water-supply improvements ... | ... |





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B.

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

B WORKS.

| Outlay. | | Grant, 1884-85. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1882-83. | Probable during 1883-84. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | ... | ... | 38 | Estimate awaited. |
| ... | ... | ... | ... | ... | 39 | G.O., No. 2413 W., of 16th September 1882. |
| ... | ... | ... | ... | ... | 40 | Estimate awaited. |
| ... | ... | ... | ... | ... | 41 | G.O., No. 1399 W., of 12th May 1883. |
| ... | ... | ... | ... | ... | 42 | Estimate awaited. |
| ... | ... | ... | ... | ... | 43 | Do. |
| ... | ... | ... | ... | ... | 44 | Do. |
| ... | ... | ... | ... | ... | 45 | Do. |
| ... | ... | ... | ... | ... | 46 | Do. |
| ... | ... | ... | ... | ... | | |



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GOVERNMENT OF MADRAS.

# PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From the Superintending Engineer, First Circle, dated 2nd October 1883.
Do. do. Second „ „ 6th „ „
Do. do. Third „ „ 4th and 18th October 1883.
Do. do. Fourth „ „ 11th September 1883.
Do. do. „ „ „ 25th October 1883, No. 468.
Do. do. Fifth „ „ 15th „ „ „ 2555.
Do. do. „ „ „ 2nd November „ „ 2758.
Do. do. „ „ „ 9th „ „
Do. do. Sixth „ „ 15th October „
Do. do. „ „ „ 27th „ „ „ 1511 T.J.

Office note from the Examiner of Public Works Accounts, dated 13th November 1883, No. 848.

Extract from the Proceedings of the Government of India, Military Department, dated Simla, 1st November 1883, No. 1091 M.W.

Distribution of the Imperial Grant for Military Works for 1884-85.

*Resolution*—

The following is the provisional distribution of the grant for 1884-85:—

| | Rs. |
|---|---|
| Reserved with Government of India ... ... ... ... | 3,00,000 |
| Military Works Department ... ... ... ... ... ... | 60,00,000 |
| Bombay ... ... ... ... ... ... ... ... | 12,50,000 |
| Madras ... ... ... ... ... ... ... ... ... | 6,50,000 |
| Hyderabad ... ... ... ... ... ... ... ... | 2,25,000 |
| Central India ... ... ... ... ... ... ... ... | 2,25,000 |
| British Burma ... ... ... ... ... ... ... | 3,25,000 |
| Punjab ... ... ... ... ... ... ... ... | 2,50,000 |
| Rajputana ... ... ... ... ... ... ... ... | 1,50,000 |
| Central Provinces ... ... ... ... ... ... ... | 1,75,000 |
| Assam ... ... ... ... ... ... ... ... | 2,50,000 |
| Bengal ... ... ... ... ... ... ... ... | 85,000 |
| North-Western Provinces and Oudh ... ... ... ... | 1,15,000 |

These grants include provision for any expenditure that may be incurred in England on stores for works classed as Military.

2. The Government of India leave it to the Local Governments and Administrations and the Inspector-General of Military Works, in communication with the local Military authorities respectively concerned, to allot the above grants to individual works as may appear most desirable.

3. 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 1884.

(Signed) G. CHESNEY,
Secy. to the Govt. of India.

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From Brigadier-General R. C. STEWART, Quartermaster-General, to the Chief Engineer and Secretary to Government, Public Works Department, dated Fort St. George, 12th December 1883, No. 8892.

Having submitted to the Commander-in-Chief your letter, No. 2233 C., dated 16th November 1883, I am desired to return the statement which accompanied it, and to offer the following observations.

2. The proposed grants shown in the statement in question leave unprovided for the following works in class "B" (of this office letter, No. 7336, dated 22nd October 1883), all of which His Excellency considered to be of more or less urgency, requiring to be provided for in the approaching year :—

| | RS. |
|---|---|
| Item No. 7.—Accommodation for a native infantry regiment, Bangalore ... ... ... ... ... ... ... ... | 16,610 |
| Item No. 10.—Drainage, barracks, Bellary ... ... ... ... | 3,000 |
| „ No 11.—Armourer's shop, Light Cavalry, Bellary ... ... | 2,695 |
| „ No. 12.— Do. do. Vellore ... ... | 2,900 |
| „ No. 14.—Accommodation, third native infantry regiment, Trichinopoly ... ... ... ... ... ... ... ... | 14,280 |

3. Of these items, Nos. 10, 11 and 12, aggregating Rs. 8,595, might apparently be provided for out of a sum of Rs. 10,000 by which the balance of the estimate for the coast batteries, Madras, to be included in next year's allotments, should now be reduced, from Rs. 20,000, as in statement, to Rs. 10,000 only, in consequence of the recent transfer in the current year of Rs. 10,000 to that work from the work of mounting ordnance, Fort St. George.

4. His Excellency the Commander-in-Chief is aware that by this diversion of funds the full allotment of Rs. 40,000, in the coming year, to the work of mounting ordnance, Fort St. George, will be interfered with; but being of opinion that a fair proportion of the whole grant should be devoted to works of comparatively small cost, say, under Rs. 5,000, which otherwise have to be postponed from year to year (the particular works now in question are examples), he would prefer the indicated re-distribution of the sum mentioned in the coming year, leaving a portion of the work connected with mounting ordnance, Fort St. George, to be carried out in 1885-86.

5. Of the other two items, No. 14 may be removed from the list of works of immediate urgency, if the proposals made by His Excellency for the abolition of Poonamallee as a convalescent depôt are approved by Government, in which case the third regiment now destined for Trichinopoly would be sent to Poonamallee, where there would be ample public buildings for it.

6. Even so item No. 7 will remain to be provided for, and to meet this, Sir Frederick Roberts would urge the necessity of application being made to the Government of India for a special grant of funds, on the grounds that it is demanded by the unforeseen return to the Presidency of a regiment serving in Bengal. This regiment, wherever sent, would have to be provided with public buildings, and, in the opinion of His Excellency, it is undesirable any delay should be allowed to take place in meeting this present demand because before long the return of another regiment to the Presidency will involve similar provision having to be made elsewhere for a second regiment.

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ORDER—dated 19th December 1883, No. 3644 W., Public Works.

In the Resolution read above the Government of India have provisionally fixed the Military grant of this Presidency for 1884-85 at Rs. 6,50,000, and have left the allotment of the grants to individual works to be fixed by the Local Government in communication with the local Military authorities.



2. The distribution of the grant under departmental heads is as follows :—

| | | RS, |
|---|---|---|
| Original | Major Works ... ... ... ... ... ... | 2,23,680 |
| | Minor Works ... ... ... ... ... ... | 22,320 |
| Repairs ... ... ... ... ... ... ... ... | | 2,75,000 |
| Establishment ... ... ... ... ... ... ... | | 1,21,200 |
| Tools and Plant ... ... ... ... ... .. ... | | 7,800 |
| | Total ... | 6,50,000 |

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3. The allotment of the major works grant to works has received the approval of His Excellency the Commander-in-Chief; and the minor works and repairs allotments will be held at the disposal of Government, to be appropriated as may seem desirable early next year.

4. Plans and estimates for works entered under class B should be submitted by Superintending Engineers for sanction as early as practicable. Estimates for these and other works entered under class C have already been called for in G.O., No. 3002 W., of the 24th October 1883.

5. The works under class B are all considered of great urgency by His Excellency the Commander-in-Chief; and with the view of fully utilizing the grants assigned, estimates for such as have not yet been sanctioned should be prepared and forwarded without delay.

6. The Government of India will be addressed separately regarding the special grant required by His Excellency the Commander-in-Chief for the accommodation of a regiment of native infantry at Bangalore.

7. With these remarks, the Preliminary Issue of the Military Works Budget Estimate for 1884-85 is circulated for the information and guidance of the officers of the Public Works Department, and four copies will be forwarded to the Government of India as usual.

(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. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

Govt. of {1883} Madras.

PUBLIC WORKS.

*Dated December, 19th.*

*Recd.* *Encl.*

**G.O., 19th Dec. 1883, No. 3644 W.**

**DECEMBER.**

**Military Works Budget Estimate for 1884-85**

The Preliminary Issue of the — circulated with remarks.

FINAL ISSUE.

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**IMPERIAL.**
**MILITARY WORKS.**

**MADRAS.**

PUBLIC WORKS DEPARTMENT.

# IMPERIAL BUDGET-ESTIMATE

OF

# MILITARY WORKS

OF THE

# GOVERNMENT OF MADRAS

**FOR THE YEAR**

# 1884-85.

CHEPÁK,
31st March 1884.

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

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IMPERIAL.
MILITARY WORKS.

MADRAS.

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|---|---|
| ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE ... ... ... ... ... | 2 |
| DITTO DITTO OF EXPENDITURE ... ... ... ... ... | 2 and 3 |
| DETAILS OF THE BUDGET-ESTIMATE OF EXPENDITURE— | |
| PART I.—DETAIL OF ESTIMATE FOR ORIGINAL WORKS, CLASS A ... ... ... | 4 and 5 |
| DITTO DITTO CLASS B ... ... ... | 6 and 7 |
| APPENDIX TO ABOVE— | |
| APPENDIX B.—LIST OF CLASS C WORKS ... ... ... ... ... ... | 8 to 13 |


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IMPERIAL.
MILITARY WORKS.

MADRAS.

## REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1884 TO 31st MARCH 1885.

| | Budget Estimate, 1884-85. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In Public Works Department ... ... ... | 32,000 | 30,000 | 30,000 | 28,274 |
| In Civil and Military Departments ... ... ... | ... | ... | ... | ... |
| Total ... | 32,000 | 30,000 | 30,000 | 28,274 |

## CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1884 TO 31st MARCH 1885.

| | Reference to Detailed Estimate. | Budget Estimate, 1884-85. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|---|
| | | Rs. | Rs. | Rs. | Rs. |
| Original Works. In progress ... | 4, 5 | 1,20,980 | 2,08,322 | 2,06,787 | 2,48,365 |
| Original Works. Not commenced. | 6, 7 | 77,320 | | | |
| Repairs ... ... Ordinary ... | ... | 2,75,000 | 2,70,329 | 2,75,000 | 2,92,955 |
| Repairs ... ... Special ... | ... | ... | ... | ... | ... |
| Establishment ... ... ... | ... | 1,10,300 | 1,11,629 | 1,12,288 | 1,11,767 |
| Tools and Plant ... ... ... | ... | 7,000 | 7,120 | 7,225 | 7,221 |
| Suspense Account ... ... ... | ... | ... | ... | ... | ... |
| Total ... | ... | 5,90,600 | 5,97,400 | 6,01,300 | 6,60,308 |



IMPERIAL.
MILITARY WORKS.

MADRAS.

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

| | BUDGET-ESTIMATE, 1884-85. Original Works. In progress. | Not commenced. | Total. | Repairs. | Establishment. | Tools and Plant. | Suspense Account. Barrack Department. | Total. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Provision from Imperial Funds. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs | Rs. | Rs. | Rs. | Rs. |
| In India ... | 1,20,980 | 77,320 | 1,98,300 | 2,75,000 | 1,10,300 | 7,000 | ... ... | 5,90,600 | 5,97,400 | 6,01,300 | 6,60,308 |
| In England. | ... | ... | ... | ... | ... | ... | ... ... | ... | ... | ... | ... |
| Total ... | 1,20,980 | 77,320 | 1,98,300 | 2,75,000 | 1,10,300 | 7,000 | ... ... | 5,90,600 | 5,97,400 | 6,01,300 | 6,60,308 |
| Provision from Contributions. In India ... | ... | ... | ... | ... | ... | ... | ... ... | ... | ... | ... | ... |
| Grand Total. | 1,20,980 | 77,320 | 1,98,300 | 2,75,000 | 1,10,300 | 7,000 | ... ... | 5,90,600 | 5,97,400 | 6,01,300 | 6,60,308 |

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

| | BUDGET-ESTIMATE, 1884-85. Original Works. In progress. | Not commenced. | Total. | Tools and Plant. | Suspense Account. | Total. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Nil. | | | | | |



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IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY. | |
| | | | | Military. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Chingleput. | St. Thomas' Mount. | 1 | New barracks for Royal Artillery... | 1,35,050 |
| | Coimbatore. | Malapuram ... | 2 | Barracks for detachment, British Infantry, to accommodate 100 men. | 1,31,610 |
| | Presidency. | Bangalore ... | 3 | Alterations and additions to wash-houses for the British Infantry. | 12,500 |
| Buildings for Native Troops. | North Arcot. | Vellore ... | 4 | Armourer's shop for Native Infantry Regiment. | 2,800 |
| (2) Ordnance Works ... | Presidency. | Madras ... | 5 | Completing the emplacements and improving the store-rooms, &c., of the coast batteries. | 48,800 |
| | Do. ... | Fort St. George. | 6 | Armament of Fort St. George ... | 42,035 |
| | Do. ... | Madras ... | 7 | Improvements to the gunpowder factory. | 2,48,492 |
| (3) Commissariat Buildings. | Coimbatore. | Cannanore ... | 8 | Converting the old Artillery stables at Cannanore into a bakery, and sinking a well. | 11,380 |
| | | | | Total ... | ... |





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I.

ORIGINAL WORKS FOR THE YEAR 1884-85.

A WORKS.

| Outlay. | | Grant, 1884-85. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1882-83. | Probable during 1883-84. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| 37,349 | 30,000 | 30,000 | ... | 30,000 | 1 | G.Os., No. 1894 W., of 25th July 1882, No. 3679 W., of 21st December 1883, and No. 288 W., of 4th February 1884. Item No 2 of class A works of budget of 1883-84. |
| 10,547 | 32,000 | 38,000 | ... | 38,000 | 2 | Revised estimate sanctioned in G.O., No. 580 W., of 3rd March 1884. Item No. 3 of class A works of budget of 1883-84. |
| ... | 8,000 | 4,000 | ... | 4,000 | 3 | G.O., No. 1102 W., of 7th May 1880. Item No. 1 of class B works of budget of 1883-84. |
| ... | 820 | 1,980 | ... | 1,980 | 4 | G.O., No. 1547 W., of 20th June 1881. |
| ... | 30,000 | 10,000 | ... | 10,000 | 5 | G.Os., No. 1661 W., of 13th June 1883, and No 20 W., of 8th January 1884. Item No. 34, appendix B of budget of 1883-84. |
| ... | ... | ... | 30,000 | 30,000 | 6 | G.O., No. 2970 W., of 19th Oct. 1883. Item No. 2, class B works of budget of 1883-84. |
| 1,98,737 | 16,935 | 10,000 | ... | 10,000 | 7 | G.Os., No. 187 W., dated 16th January 1883, No. 2073 W., of 30th July 1883, No. 2748 W., of 1st October 1883, No. 3278 W., of 7th November 1883, and No. 800 W., of 25th March 1884. Further estimates under preparation. |
| ... | 5,000 | 2,500 | ... | 2,500 | 8 | Revised estimate sanctioned in G.O., No. 181 W., of 21st January 1884. Item No. 41, appendix B of budget of 1883-84. |
| ... | ... | 96,480 | 30,000 | 1,26,480 | | |



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PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS B

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY | |
| | | | | MILITARY. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops. | Chingleput... | St. Thomas' Mount. | 1 | Constructing six blocks of stables for two field batteries of Royal Artillery. | 20,160 |
| Buildings for Native troops. | Trichinopoly. | Trichinopoly... | 2 | Constructing public buildings in connection with the lines of 30th Regiment, Native Infantry. | 12,350 |
| (3) Commissariat Buildings. | Presidency .. | Madras ... | 3 | Quarters for three Warrant and five Non-Commissioned officers of the Commissariat department. | 26,740 |
| (8) Fortifications. | Do. ... | Bangalore ... | 4 | Constructing a fortified post and ordnance depôt at Agram. | 34,280 |
| | | | 5 | Minor works ... ... ... | ... |
| | | | | Total ... | ... |





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I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1884-85.

WORKS.

| Outlay. | | Grant, 1884-85. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1882-83. | Probable during 1883-84. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 10,000 | 10,000 | 1 | G.O., No. 2747 W., of 1st October 1883. |
| ... | 3,000 | 4,500 | ... | 4,500 | 2 | G.O., No. 3128 W., of 5th November 1883. Item No. 32, appendix B of budget of 1883-84. |
| ... | ... | ... | 15,000 | 15,000 | 3 | G.O., No. 1836 W., of 2nd July 1883. Item No. 45, appendix B of budget of 1883-84. |
| ... | 8,032 | 20,000 | ... | 20,000 | 4 | G.O., No. 3060 W., of 30th October 1883. |
| ... | ... | ... | 22,320 | 22,320 | 5 | |
| ... | ... | 24,500 | 47,320 | 71,820 | | |



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APPENDIX B.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, BUT 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. | Amount of Estimate. | Outlay. Actual to end of 1882-83. | Outlay. Probable during 1883-84. | Grant, 1884-85. Works in progress. | Grant, 1884-85. Works not commenced. | Grant, 1884-85. Total. | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | IMPERIAL ORDINARY. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | | MILITARY. | | | | | | | | |
| | | | | *Original Works.* | | | | | | | | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Presidency. | Fort St. George. | 1 | Converting the Racquet Court in Fort St. George into a covered gymnasium. | 11,570 | ... | ... | .. | ... | ... | 1 | G.O., No. 590 W., of 4th March 1884. Item No. 17, Appendix B, Budget of 1883-84. |
| | Do. ... | Do. .. | 2 | Armourer's shop for the European Infantry Regiment. | ... | ... | ... | ... | ... | ... | 2 | Estimate awaited. |
| | Do. ... | Bangalore ... | 3 | Garrison gymnasium of the fourth class. | 44,600 | 1,788 | .... | ... | ... | ... | 3 | G.O., No. 1560, of 21st June 1876. |
| | Do. .. | Do. ... | 4 | Quarters for the Apothecary attached to the Station Hospital. | 5,300 | ... | ... | ... | ... | ... | 4 | G.O., No. 3385 W., of 27th November 1883. |
| | Bellary ... | Bellary ... | 5 | Infectious disease ward and cook-house for the Station Hospital. | 6,140 | ... | ... | ... | ... | ... | 5 | G.O., No. 320 W., of 7th February 1884. |
| | Coimbatore. Chingleput. | Cannanore ... St. Thomas' Mount. | 6 7 | Plunge-bath for British Infantry. Coffee-shops, three in number, one for each—North, South, and the New Artillery Barracks. | 4,600 ... | ... | ... | ... | ... | ... | 6 | G.O., No. 418, of 10th February 1876. |
| | Coimbatore. | Malapuram ... | 8 | Gymnasium for a detachment of British Infantry. | ... | ... | ... | ... | ... | ... | 7 | Estimate awaited. |
| | Chingleput. | Poonamallee... | 9 | Barracks for European troops at Poonamallee. | 2,70,506 | ... | ... | ... | ... | ... | 8 | Estimate awaited. |
| | Do. ... | St. Thomas' Mount. | 10 | Raising the main walls and renovating the roofing of the east and west harness-rooms. | ... | 50,989 | 9,335 | ... | ... | ... | 9 | G.O., No. 465 W., of 19th February 1879. Item No. 1 of Class A Works of Budget, 1883-84. Work held in abeyance. |
| | Presidency. | Bangalore ... | 11 | Constructing stables for three batteries of Royal Horse Artillery and Field Battery. | ... | ... | ... | ... | ... | ... | 10 | Estimate awaited. |
| | Coimbatore. | Cannanore ... | 12 | Improving latrines for the British Infantry. | 2,780 | ... | ... | ... | ... | ... | 11 | Estimate awaited. |
| | Bellary ... | Bellary ... | 13 | New gun-sheds with collar maker's and wheel-shop combined for the Royal Artillery. | ... | ... | ... | ... | ... | ... | 12 | G.O., No. 1056, of 4th April 1879. |
| | Do. ... | Do. ... | 14 | Water-supply to Barracks, Royal Artillery and British Infantry. | ... | ... | ... | ... | ... | ... | 13 | Estimate awaited. |
| | Do. ... | Do. ... | 15 | Drainage and improvements to Barracks, British Infantry and Royal Artillery. | ... | ... | .. | ... | ... | ... | 14 | Estimate awaited. |
| | Presidency. | Bangalore ... | 16 | Quarters for an Assistant Apothecary, North Station Hospital. | ... | ... | ... | ... | ... | ... | 15 | Estimate awaited. |
| | Do. | Fort St. George. | 17 | Purchase of Exchange House ... | 70,000 | ... | ... | ... | ... | ... | 16 | Estimate awaited. |
| Buildings for European troops on the hills. | Nilgiri ... | Wellington ... | 18 | Gymnasium for the Depôt ... | ... | 61,600 | ... | ... | ... | ... | 17 | G.Os., No. 751 W., of 18th March 1881, and No. 2724 W., of 19th October 1882. |
| | Do. ... | Do. ... | 19 | Drainage pipe for the remaining block, the same as No. 5 block. | ... | ... | ... | ... | ... | ... | 18 | Estimate awaited. |
| | Do. | Do. ... | 20 | Bath-room to wash-houses ... | 3,120 | ... | ... | ... | ... | ... | 19 | Estimate awaited. |
| | Do. ... | Do. ... | 21 | Female Hospital at the Wellington Depôt. | ... | ... | ... | ... | ... | ... | 20 | G.O., No. 1472 W., of 4th June 1874. |
| | | | | Carried over ... | ... | ... | ... | .. | ... | ... | 21 | Estimate awaited. |





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LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, FROM CLASS

APPENDIX

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | ... |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | MILITARY—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*— | | | | | |
| Buildings for European troops on the hills. | Nilgiri ... | Wellington ... | 22 | Drinking-water to be laid on to Hospital. | ... |
| Permanent. | Do. ... | Do. ... | 23 | Quarters for a Warrant Officer or Staff Sergeant of the Barrack Department. | ... |
| Buildings for Native Troops. | Presidency. | Bangalore ... | 24 | Public buildings for a Regiment of Native Cavalry. | 25,237 |
| | Bellary ... | Bellary ... | 25 | Armourer's shop, Light Cavalry ... | 2,695 |
| | Chingleput. | Pallávaram ... | 26 | One mortuary-room for each of the Store Hospitals Nos. 1 to 3. | ... |
| | Do. ... | Do. ... | 27 | Regimental Magazine ... ... | ... |
| | Presidency. | Bangalore ... | 28 | Accommodation for one Regiment of Native Infantry. | ... |
| | Trichinopoly. | Trichinopoly... | 29 | Accommodation for a third Regiment of Native Infantry as above. | ... |
| | Do. ... | Do. ... | 30 | Two latrines for Native Infantry Regiment. | ... |
| | Coimbatore. | Quilon ... | 31 | Magazine for Native Infantry Barracks. | ... |
| | Do. ... | Do. ... | 32 | Store-room for Native Infantry Barracks. | ... |
| | Trichinopoly. | Trichinopoly... | 33 | School-room for 100 pupils of 30th Regiment, Native Infantry. | ... |
| | Vizagapatam. | Vizagapatam... | 34 | Regimental store-room to be included as storage for Camp Equipage. | ... |
| | Chingleput. | Pallávaram ... | 35 | New line for one Native Infantry Regiment. | ... |
| | Ganjam ... | Berhampore ... | 36 | Armourer's shop ... ... ... | ... |
| | Trichinopoly | Trichinopoly... | 37 | Four latrines for the 30th Regiment, Native Infantry. | ... |
| | | | | Carried over ... | ... |





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B—*cont.*

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

B WORKS—*cont.*

| Outlay. | | Grant, 1884-85. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1882-83. | Probable during 1883-84. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | ... | ... | 22 | Estimate awaited. |
| ... | ... | ... | ... | ... | 23 | Estimate awaited. |
| ... | ... | ... | ... | ... | 24 | G.O., No. 47 W., dated 10th January 1884. Item No. 24 of Appenix B of Budget of 1883-84. |
| ... | ... | ... | ... | ... | 25 | G.O., No. 2266 W., dated 14th September 1881. |
| ... | ... | ... | ... | ... | 26 | Estimate awaited. |
| ... | ... | ... | ... | ... | 27 | Estimate awaited |
| ... | ... | ... | ... | ... | 28 | Estimate awaited. |
| ... | ... | ... | ... | ... | 29 | Estimate awaited. |
| ... | ... | ... | ... | ... | 30 | Estimate awaited. |
| ... | ... | ... | ... | ... | 31 | Estimate awaited. |
| ... | ... | ... | ... | ... | 32 | Estimate awaited. |
| ... | ... | ... | ... | ... | 33 | Estimate awaited. |
| ... | ... | ... | ... | ... | 34 | Estimate awaited. |
| ... | ... | ... | ... | ... | 35 | Estimate awaited. |
| ... | ... | ... | ... | ... | 36 | Estimate awaited. |
| ... | ... | ... | ... | ... | 37 | Estimate awaited. |



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LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1884-85, BUT **APPENDIX.**

FROM CLASS B—*concld.*

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

B WORKS—*concld.*

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay: Actual to end of 1882-83. | Outlay: Probable during 1883-84. | Grant, 1884-85: Works in progress. | Grant, 1884-85: Works not commenced. | Grant, 1884-85: Total. | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | | Brought forward ... | | | | | | | | |
| | | | | IMPERIAL ORDINARY—*cont.* | | | | | | | | |
| | | | | MILITARY—*cont.* | | | | | | | | |
| | | | | *Original Works*—cont. | | | | | | | | |
| (1) *Accommodation for troops*—Buildings for Native troops. Permanent ... | Trichinopoly. | Trichinopoly... | 38 | Proposed enlargement and constructing outer verandahs to 30th Regiment, Native Infantry Barracks. | ... | ... | ... | ... | ... | ... | 38 | Estimate awaited. |
| (2) *Ordnance Works* ... | Nilgiri ... | Ootacamund... | 39 | Barracks for a detachment of Native Infantry. | 12,930 | ... | ... | ... | ... | ... | 39 | G.O., No. 612 W., of 6th March 1884. |
| (3) *Commissariat Buildings.* | Presidency. | Madras ... | 40 | Improvements to the barrel machine shop of the Gun Carriage Factory. | 4,030 | ... | ... | ... | ... | ... | 40 | G.O., No. 2413 W., of 16th September 1882. |
| | Do. ... | Do. ... | 41 | Quarters for Station Butcher ... | ... | ... | ... | ... | ... | ... | 41 | Estimate awaited. |
| | Chingleput. | Guindy ... | 42 | Converting the late Superintending Engineer's Office at Guindy into a Commissariat Slaughter-house. | 11,800 | ... | ... | ... | ... | ... | 42 | G.O., No. 1399 W., of 12th May 1883. |
| | Presidency. | Madras ... | 43 | Sheds for public cattle and lines for their attendants. | ... | ... | ... | ... | ... | ... | 43 | Estimate awaited. |
| | Coimbatore. | Malapuram ... | 44 | Quarters for Commissariat Staff Sergeant. | ... | ... | ... | ... | ... | ... | 44 | Estimate awaited. |
| (5) *Stud* ... ... | Nilgiri ... | Wellington ... | 45 | Bakery ... ... ... ... | ... | ... | ... | ... | ... | ... | 45 | Estimate awaited. |
| (6) *General Cantonment Works.* | Salem ... | Hosúr ... | 46 | Purchase of Dr. Wells' house at Remount Depôt. | 2,500 | ... | ... | ... | ... | ... | 46 | G.O., No. 2903 W., of 15th October 1883. |
| | Nilgiri ... | Wellington ... | 47 | Water-supply improvements ... | ... | ... | ... | ... | ... | ... | 47 | Estimate awaited. |
| | | | | | | ... | ... | ... | ... | ... | | |





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GOVERNMENT OF MADRAS.

# PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

From the Government of India, Military Department, dated Fort William, 13th March 1884, No. 278 M.W.

Orders on the Madras Military Works Budget Estimate, 1884-85, and Revised Estimate, 1883-84.

*Read*—

Military Department Resolution, No. 1091 M.W., dated 1st November 1883.
Letter, No. 3645 W., dated 19th December 1883, from Secretary to Government of Madras, Public Works Department.
Telegram, dated 15th February 1884, to Secretary to Government of Madras, Public Works Department.
Telegram, dated 16th February 1884, from Secretary to Government of Madras, Public Works Department.

Resolution.—The estimates of revenue accepted by the Government of India are shown below :—

| — | Budget Estimate, 1884-85. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In Public Works Department ... ... | 32,000 | 30,000 | 30,000 | 28,274 |
| Total ... | 32,000 | 30,000 | 30,000 | 28,274 |

2. The estimate of expenditure during 1884-85 has been prepared for the provisional grant of Rs. 6,50,000 sanctioned in November last. The distribution under departmental heads is shown in the following statement :—

| — | Budget Estimate, 1884-85. | Revised Estimate, 1883-84. | Budget Estimate, 1883-84. | Actuals, 1882-83. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Original Works ... {In progress ... ... | 96,480 | 2,04,000 | 1,00,000 | 2,48,365 |
| Original Works ... {Not commenced ... ... | 1,49,520 | | 39,987 | |
| Repairs ... ... ... ... ... ... | 2,75,000 | 2,72,500 | 2,75,000 | 2,92,955 |
| Total Works and Repairs ... | 5,21,000 | 4,76,500 | 4,14,987 | 5,41,320 |
| Establishment ... ... ... ... ... | 1,21,200 | 1,11,100 | 96,988 | 1,11,767 |
| Tools and plant ... ... ... ... ... | 7,800 | 7,200 | 6,225 | 7,222 |
| Total ... | 6,50,000 | 5,94,800 | 5,18,200 | 6,60,309 |

The budget estimate for 1883-84 should be quoted at Rs. 6,01,300, with details working up to that total as passed in paragraph 3 of the orders on the budget estimate for 1883-84. This should be rectified in the final issue of the budget estimate.

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*Budget Estimate*, 1884-85.

3. It is observed that provision has been made for the following works for which no sanctioned estimates exist :—

| | | Provision. |
|---|---|---|
| | | Rs. |
| *Item* 9. | —Covered gymnasium, Fort St. George ... ... ... | 9,000 |
| „ 11. | —Water-supply to barracks for Royal artillery and British infantry at Bellary ... ... ... ... ... | 3,000 |
| „ 12. | —Drainage and improvements to barracks, Royal Artillery and British infantry, at Bellary ... ... ... | 3,000 |
| „ 13. | —Accommodation for native cavalry, Bangalore ... ... | 25,000 |
| „ 15. | —Armourer's shop, light cavalry, Bellary ... ... ... | 2,700 |
| „ 17. | —Bakery, Wellington ... ... ... ... ... | 5,000 |
| | | 47,700 |

The Government of India regret that no funds can be allotted for these works until the detailed estimates have been approved and sanctioned, when the Government of India would be glad to see the projects, except that for an armourer's shop. Funds for accommodation for a regiment of native cavalry at Bangalore are also withheld, pending the receipt of further information as to the nature of the work.

| | Rs. |
|---|---|
| * Works ... ... ... ... | 47,700 |
| Establishment and tools and plant... | 11,700 |
| | 59,400 |

4. The grants noted above, together with the usual percentages for establishment and tools and plant, have accordingly been disallowed.* The final issue of the budget estimate should be prepared for a total grant of Rs. 5,90,600.

*Revised Estimate*, 1883-84.

5. The revised estimate is passed for Rs. 5,97,400, the amount of the modified grant to date.

6. The local Government is authorised to incur expenditure within the limits of the amounts passed, subject to the condition of a strict adherence to the rules in force regarding the financial regularity of departmental work.

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*Order.*—Ordered that the foregoing be communicated to the Government of Madras, with the request that forty-five printed copies of the final issue of the budget estimate, as now passed, may be submitted, so as to reach the Government of India not later than the 1st May 1884.

Ordered also, that a copy be forwarded to the Accountant-General, Public Works Department, for information.

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Order—dated 31st March 1884, No. 858 W., Public Works.

Ordered that the final issue of the Imperial military works budget estimate for 1884-85, prepared for the modified grant of Rs. 5,90,600, sanctioned in the resolution read at the head of these proceedings be printed, and forty-five copies forwarded to the Government of India.

2. The grants disallowed have been omitted in the final issue of the budget estimate ; the works being transferred to Appendix B. Estimates have, it is observed, since been sanctioned for the works noted in the margin. The Government of India will accordingly be requested to re-allot, as early as practicable, the grants which have been withdrawn, to admit of the works being at once put in hand. The estimates for works numbered 1 and 2 will be forwarded to the Government of India, as requested in paragraph 3 of their resolution.

| | Rs. |
|---|---|
| 1 Converting the racquet court in Fort St. George, into a covered gymnasium ... ... ... | 11,570 |
| 2 Public buildings for a regiment of native cavalry at Bangalore ... | 25,237 |
| 3 Armourer's shop for light cavalry at Bellary ... ... ... ... | 2,695 |



3. The estimates for drainage and improvements to barracks at Bellary are now with the military authorities ; and those for the water-supply at the same station are expected to be ready in April. The Superintending Engineer, IV Circle, will hasten the submission of the estimates for the bakery at Wellington.

(True Extract.)

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

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

Exd. E. Fernandez.
Spare Copies

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GENERAL.
ACCOUNT.

Gobt. of {1884} Madras.

PUBLIC WORKS.

*Dated March, 31st.*

*Recd.* *Encl.*

**G.O., 31st March 1884, No. 858 W.**

**MARCH.**

**Budget Estimate**

Passing orders on the final issue of the Imperial military works — for 1884-85.

PRELIMINARY ISSUE.

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**IMPERIAL.**
**MILITARY WORKS.** **MADRAS.**

---

PUBLIC WORKS DEPARTMENT.

# IMPERIAL BUDGET-ESTIMATE

OF

# MILITARY WORKS

OF THE

# GOVERNMENT OF MADRAS

**FOR THE YEAR**

# 1885-86.

---

CHEPÂK,
27th December 1884.

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

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IMPERIAL.
MILITARY WORKS.

MADRAS.

*REVENUE.*

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1885 TO 31st MARCH 1886.

| —— | Budget Estimate, 1885-86. | Revised Estimate, 1884-85. | Budget Estimate, 1884-85. | Actuals, 1883-84. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In Public Works Department ... ... ... | 29,500 | 25,000 | 32,000 | 35,173 |
| In Civil and Military Departments ... ... ... | ... | ... | ... | ... |
| Total ... | 29,500 | 25,000 | 32,000 | 35,173 |

*CHARGES.*

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1885 TO 31st MARCH 1886.

| —— | Reference to Detailed Estimate. | Budget Estimate, 1885-86. | Revised Estimate, 1884-85. | Budget Estimate, 1884-85. | Actuals, 1883-84. |
|---|---|---|---|---|---|
| | | Rs. | Rs. | Rs. | Rs. |
| Original Works. In progress ... | ... | 1,73,056 | 2,05,570 | 1,98,300 | 1,97,155 |
| Original Works. Not commenced. | ... | 56,590 | | | |
| Repairs ... Ordinary ... | ... | 2,94,549 | 2,91,000 | 2,75,000 | 2,76,512 |
| Repairs ... Special ... | ... | ... | | | |
| Establishment ... ... ... | ... | 1,20,563 | 1,11,450 | 1,10,300 | 1,09,439 |
| Tools and Plant ... ... ... | ... | 5,242 | 4,780 | 7,000 | 7,074 |
| Suspense Account ... ... ... | ... | ... | ... | ... | ... |
| Total ... | ... | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |



IMPERIAL.
MILITARY WORKS.

MADRAS.

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

| —— | BUDGET-ESTIMATE, 1885-86. Original Works. In progress. | Not commenced. | Total. | Repairs. | Establishment. | Tools and Plant. | Suspense Account. | Barrack Department. | Total. | Revised Estimate, 1884-85. | Budget Estimate, 1884-85. | Actuals, 1883-84. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Provision from Imperial Funds. | | | | | | | | | | | | |
| In India ... | 1,73,056 | 56,590 | 2,29,646 | 2,94,549 | 1,20,563 | 5,242 | ... | ... | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |
| In England. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total ... | 1,73,056 | 56,590 | 2,29,646 | 2,94,549 | 1,20,563 | 5,242 | ... | ... | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |
| Provision from Contributions. | | | | | | | | | | | | |
| In India ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Grand Total. | 1,73,056 | 56,590 | 2,29,646 | 2,94,549 | 1,20,563 | 5,242 | ... | ... | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |

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

| —— | BUDGET-ESTIMATE, 1885-86. Original Works. In progress. | Not commenced. | Total. | Tools and Plant. | Suspense Account. | Total. | Revised Estimate, 1884-85. | Budget Estimate, 1884-85. | Actuals, 1883-84. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Nil. | | | | | |



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PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS

| HEAD OF CLASSIFICATION. | EXECUTIVE DIVISION. | LOCALITY. | ITEM No. | PROJECTS AND WORKS. | AMOUNT OF ESTIMATE. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY. | |
| | | | | MILITARY. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Chingleput. | St. Thomas' Mount. | 1 | New barracks for Royal Artillery... | 1,35,050 |
| | West Coast. | Malapuram ... | 2 | Barracks for detachment, British Infantry. | 1,31,610 |
| Buildings for Native troops. | Trichinopoly. | Trichinopoly... | 3 | Constructing public buildings for two regiments of Native Infantry. | 35,650 |
| (2) Ordnance Works ... | Presidency. | Fort St. George. | 4 | Armament of Fort St. George ... | 42,035 |
| | Do. ... | Madras ... | 5 | Improvements to the Gunpowder Factory. | 2,52,412 |
| (3) Commissariat Buildings. | Do. ... | Do. ... | 6 | Quarters for warrant and non-commissioned officers of the Commissariat Department. | 26,740 |
| (4) Fortifications ... | Do. ... | Bangalore ... | 7 | Constructing a fortified post and Ordnance Depôt at Agaram. | 34,280 |
| | | | | Total ... | ... |





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1.

ORIGINAL WORKS FOR THE YEAR 1885-86.

A WORKS.

| OUTLAY. | | GRANT, 1885-86. | | | ITEM No. | REMARKS AND REFERENCES. |
|---|---|---|---|---|---|---|
| Actual to end of 1883-84. | Probable during 1884-85. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| 67,389 | 30,000 | 24,661 | ... | ... | 1 | G.O., No. 288 W., dated 4th February 1884. Item No. 1, class A works, budget of 1884-85. |
| 45,530 | 38,000 | 28,621 | ... | 53,282 | 2 | G.O., No. 580 W., dated 3rd March 1884. Item No. 2, class A works, budget of 1884-85. |
| 3,138 | 9,500 | 18,012 | ... | 18,012 | 3 | G.O., No. 2194 W., dated 5th September 1884. Item No. 2, class B works, budget of 1884-85. |
| ... | 11,000 | 31,035 | ... | ... | 4 | G.O., No. 2970 W., dated 19th October 1883. Item No. 6, class A works, budget of 1884-85. |
| 2,15,628 | 10,000 | 20,000 | ... | 51,035 | 5 | G.O., No. 2707 W., dated 3rd November 1884. Item No. 7, class A works, budget of 1884-85. |
| ... | 15,000 | 11,740 | ... | 11,740 | 6 | G.O., No. 1836 W., dated 31st May 1883. Item No. 3, class B works, budget of 1884-85. |
| 3,453 | 28,000 | 2,827 | ... | 2,827 | 7 | G.O., No. 3060 W., dated 30th October 1883. Item No. 4, class B works, budget of 1884-85. |
| ... | ... | 1,36,896 | ... | 1,36,896 | | |



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IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS B

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY. | |
| | | | | Military. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Presidency. | Fort St. George. | 1 | Converting a racket court into a covered gymnasium. | 11,570 |
| | Chingleput... | St. Thomas' Mount. | 2 | Constructing six blocks of stables for two field batteries of Royal Artillery. | 20,160 |
| | Presidency ... | Bangalore ... | 3 | Additions to the Military prison ... | 8,325 |
| Buildings for Native troops. | Do. ... | Do. ... | 4 | Public buildings for a regiment of Native Cavalry. | 25,237 |
| | Bellary ... | Bellary ... | 5 | Armourer's shop, Light Cavalry ... | 2,695 |
| (3) Commissariat Buildings. | Nilgiri ... | Wellington ... | 6 | Bakery ... ... ... ... | 32,000 |
| | | | 7 | Minor works ... ... ... | ... |
| | | | | Total ... | ... |
| | | | | Grand Total ... | ... |





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I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1885-86.

WORKS.

| Outlay. | | Grant, 1885-86. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1883-84. | Probable during 1884-85. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 11,570 | ... | 1 | G.O., No. 590 W., dated 4th March 1884. Item No. 1, class B works, budget of 1884-85. |
| ... | 10,000 | 9,160 | ... | ... | 2 | G.O., No. 2747 W., dated 1st October 1883. Item No. 2, class B works, budget of 1884-85. |
| ... | ... | ... | 8,325 | 29,055 | 3 | G.O., No. 938 W., dated 5th April 1884. |
| ... | ... | ... | 14,000 | ... | 4 | G.O., No. 47 W., dated 10th January 1884. Item No. 24, class B works, budget of 1884-85. |
| ... | ... | ... | 2,695 | 16,695 | 5 | G.O., No. 2266 W., dated 14th September 1881. Item No. 25, class B works, budget of 1884-85. |
| ... | 5,000 | 27,000 | ... | 27,000 | 6 | G.O., No. 1838 W., dated 29th July 1884. |
| ... | ... | ... | 20,000 | 20,000 | 7 | |
| ... | ... | 36,160 | 56,590 | 92,750 | | |
| ... | ... | ... | ... | 2,29,646 | | |



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LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1885-86, BUT APPENDIX FROM CLASS 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. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY. | |
| | | | | Military. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Presidency. | Fort St. George. | 1 | Armourer's shop for the British Infantry Regiment. | ... |
| | Do. ... | Do. | | | |
| | Do. ... | Do. .. | 2 | Drainage of fort and barracks ... | ... |
| | Do. ... | Do. ... | 3 | Wash-house outside the barracks ... | ... |
| | | ... | 4 | Garrison bazaars to be done away with and new cookhouses to be built on its site, in the meanwhile the kitchens to be better ventilated. | ... |
| | Chingleput. | St. Thomas' Mount. | 5 | Coffee shops, three in number, one for each—north, south and the new Artillery barracks. | 5,660 |
| | Do. ... | Do. ... | 6 | A wheeler and collarmaker's shop for the new double-storied barracks. | ... |
| | Do. .. | Pallávaram ... | 7 | One mortuary room for each of the three hospitals, Nos. 1 to 3. | ... |
| | Presidency. | Bangalore .. | 8 | Quarters for a schoolmaster and mistress, Royal Artillery. | 44,600 |
| | Do. | | | | |
| | Bellary ... | Bellary ... | 9 | Fourth-class gymnasium ... ... | ... |
| | | | 10 | Water-supply to barracks, Royal Artillery and British Infantry. | ... |
| | Do. ... | Do. ... | 11 | Alterations and additions to the Military provost prison in the fort and to the adjoining disused liquor godowns. | ... |
| | Do. ... | Do. ... | 12 | Swimming bath for 2nd Battalion, Royal Fusiliers. | ... |
| | Do. ... | Do. .. | 13 | New gunshed with collarmaker's and wheelshop combined for the Royal Artillery. | 5,663 |
| | Do. ... | Do. .. | 14 | Infectious disease ward and cookhouse for the station hospital. | 6,140 |
| | Nilgiri ... | Wellington ... | 15 | Additional hospital accommodation for women and children. | ... |
| | Do. | | | | |
| | Do. ... | Do. ... | 16 | Gymnasium ... ... ... | ... |
| | Do. ... | Do. .. | 17 | Drinking water to be laid on to hospital. | ... |
| | West Coast. | Cannanore ... | 18 | Plunge-bath on standard plan for European Infantry barracks. | 4,690 |
| | Do. ... | Do. .. | 19 | Improving latrines for the British Infantry. | 2,780 |
| | Presidency. | Bangalore ... | 20 | Quarters for the senior apothecary north station hospital. | 5,300 |
| | | | | Carried over ... | ... |





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| Outlay. | | Amount applied for 1885-86. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1883-84. | Probable during 1884-85. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 5,000 | ... | 1 | Estimate awaited. |
| ... | ... | ... | 10,000 | ... | 2 | Estimate awaited. |
| ... | ... | ... | 2,500 | ... | 3 | Estimate awaited. |
| ... | ... | ... | 4,500 | ... | 4 | Estimate awaited. |
| ... | ... | ... | 9,000 | ... | 5 | Estimate awaited. |
| ... | ... | ... | 5,000 | ... | 6 | G.O., No. 2717 W., dated 3rd November 1884. |
| ... | ... | ... | 3,000 | ... | 7 | G.O., No. 2717 W., dated 3rd November 1884. |
| ... | ... | ... | 6,200 | ... | 8 | Estimate awaited. |
| ... | ... | ... | 20,000 | ... | 9 | G.O., No. 1560, dated 21st June 1876. |
| ... | ... | ... | 3,000 | ... | 10 | Estimate awaited. |
| ... | ... | ... | 11,260 | ... | 11 | Estimate awaited. |
| ... | ... | ... | 12,600 | ... | 12 | Estimate awaited. |
| ... | ... | ... | 5,663 | ... | 13 | G.O., No. 914 W., dated 3rd April 1884. |
| ... | ... | ... | 6,000 | ... | 14 | G.O., No. 320 W., dated 7th February 1884. |
| ... | ... | ... | 5,000 | ... | 15 | Estimate awaited. |
| ... | ... | ... | 15,000 | ... | 16 | Estimate awaited. |
| ... | ... | ... | 5,000 | ... | 17 | Estimate awaited. |
| ... | ... | ... | 4,690 | ... | 18 | G.O., No. 418, dated 10th February 1876. |
| ... | ... | ... | 2,780 | ... | 19 | G.O., No. 1056, dated 4th April 1879. |
| ... | ... | ... | 5,300 | ... | 20 | G.O., No. 3385 W., dated 27th November 1883. |



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APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1885-86, BUT FROM CLASS

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | ... |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | MILITARY—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*— | Presidency. | Bangalore ... | 21 | Quarters for an assistant apothecary, north station hospital. | 4,773 |
| Buildings for European troops in the plains. Permanent. | Nilgiri ... | Wellington ... | 22 | Quarters for a warrant officer or staff sergeant of the Barrack Department | ... |
| Building for Native troops. | Vizagapatam. | Vizianagrum... | 23 | Regimental store-room including storage for the camp equipage. | 3,480 |
| | Do. ... | Do. ... | 24 | Three public latrines for the use of the Native Infantry Regiment. | ... |
| | Presidency. | Madras ... | 25 | Additional sepoy huts for the Native Infantry regimental lines at Perambúr. | ... |
| | Do. ... | Do. ... | 26 | Four latrines for the Native Infantry regimental lines at Perambúr. | ... |
| | Do. ... | Bangalore ... | 27 | Accommodation for one regiment of Native Infantry. | ... |
| | Do. ... | Do. ... | 28 | Store-rooms and workshops for the Pioneer Regiment. | ... |
| | Chingleput. | Pallávaram ... | 29 | New lines for one regiment of Native Infantry. | ... |
| | Do. ... | Do. ... | 30 | Regimental magazine for a Native Infantry Regiment. | ... |
| | Bellary ... | Bellary ... | 31 | Schoolhouse for the 27th Regiment, Native Infantry. | 3,030 |
| | Coimbatore. | Quilon ... | 32 | Store-room for Native Infantry | ... |
| | Do. .. | Do. ... | 33 | Magazine for Native Infantry barracks. | ... |
| | Do. ... | Do. ... | 34 | Latrine with wells for Native Infantry barracks. | ... |
| (2) *Ordnance Works* ... | Presidency. | Madras (Ráyapuram). | 35 | Flushing drains with seven-wells water. | 4,300 |
| | Do. ... | Madras ... | 36 | Demolishing and re-erecting the present wheel-shops of the Gun Carriage Factory. | 7,370 |
| | Do. ... | Do. ... | 37 | Extra accommodation as store-rooms in the Gun Carriage Factory. | ... |
| | | | | Carried over ... | ... |





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B—*cont.*

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

B WORKS—*cont.*

| Outlay. | | Amount applied for 1885-86. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1883-84. | Probable during 1884-85. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 4,773 | ... | 21 | G.O., No. 938 W., dated 5th April 1884. |
| ... | ... | ... | 8,000 | ... | 22 | Estimate awaited. |
| ... | ... | ... | 3,480 | ... | 23 | G.O., No. 2628 W., dated 27th October 1884. |
| ... | ... | ... | 3,150 | ... | 24 | Estimate awaited. |
| ... | ... | ... | 27,400 | ... | 25 | Estimate awaited. |
| ... | ... | ... | 4,000 | ... | 26 | Estimate awaited. |
| ... | ... | ... | 14,610 | ... | 27 | Estimate awaited. |
| ... | ... | ... | 3,000 | ... | 28 | Estimate awaited. |
| ... | ... | ... | 33,000 | ... | 29 | Estimate awaited. |
| ... | ... | ... | 4,500 | ... | 30 | Estimate awaited. |
| ... | ... | ... | 3,030 | ... | 31 | G.O., No. 149 W., dated 17th January 1884. |
| ... | ... | .. | 5,000 | ... | 32 | Estimate awaited. |
| ... | ... | ... | 3,000 | ... | 33 | Estimate awaited. |
| ... | ... | ... | 3,150 | ... | 34 | Estimate awaited. |
| ... | ... | ... | 4,300 | ... | 35 | G.O., No. 1397 W., dated 4th June 1884. |
| ... | ... | ... | 7,370 | ... | 36 | G.O., No. 2870 W., dated 17th November 1884. |
| ... | ... | ... | 6,000 | ... | 37 | Estimate awaited. |



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LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1885-86, BUT APPENDIX FROM CLASS

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | ... |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | MILITARY—*cont.* | |
| | | | | *Original Works*—cont. | |
| (2) *Ordnance Works.* | Presidency. | Madras ... | 38 | Improvements to the barrel machine shop, Gun Carriage Factory. | 4,030 |
| (3) *Commissariat Buildings.* | Do. ... | Do. ... | 39 | Constructing a shed in the Camp Equipage Depôt. | ... |
| | Do. ... | Do. ... | 40 | Lines for 17 petty officers and 173 cattle attendants attached to Transport Department. | ... |
| | Do. ... | Do. ... | 41 | Godown for workshops and sheds for keeping 90 army transport and 24 ambulance carts, doolies, &c. | ... |
| | Do. ... | Bangalore ... | 42 | Quarters for a Conductor, Transport Department. | ... |
| | Chingleput. | Guindy ... | 43 | Converting the late Superintending Engineer's office at Guindy into a Commissariat slaughter-house. | 11,800 |
| | Do. ... | Do. ... | 44 | Quarters for station butcher ... | ... |
| | Do. ... | St. Thomas' Mount. | 45 | Raising the main wall and renewing the roofing, &c., of the east and west harness room, Troop lines. | 4,200 |
| (5) *Stud* ... ... | Barur ... | Hosúr ... | 46 | Purchase of honorary surgeon's house and farrier sergeant's bungalow with outhouses. | 4,010 |





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B—*concld.*

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

B WORKS—*concld.*

| Outlay. | | Amount applied for 1885-86. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1883-84. | Probable during 1884-85. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 4,030 | ... | 38 | G.O., No. 2413 W., dated 16th September 1882. |
| ... | ... | ... | 5,300 | ... | 39 | Estimate awaited. |
| ... | ... | ... | 48,000 | ... | 40 | Estimate awaited. |
| ... | ... | ... | 5,500 | ... | 41 | Estimate awaited. |
| ... | ... | ... | 4,220 | ... | 42 | Estimate awaited. |
| ... | ... | ... | 11,800 | ... | 43 | G.O., No. 1399 W., dated 12th May 1884. |
| ... | ... | ... | 4,740 | ... | 44 | Estimate awaited. |
| ... | ... | ... | 4,200 | ... | 45 | G.O., No. 3137 W., dated 17th December 1881. |
| ... | ... | ... | 4,010 | ... | 46 | G.O., No. 2903 W., dated 15th October 1883. |
| ... | ... | ... | ... | ... | | |



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Preliminary Issue.

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Madras.

Imperial
Military Works

Public Works Department.

# Imperial Budget-Estimate
of
Military Works
of the
Government of Madras.
For the year
1885-86.

Chepak
December 1883/84

Colonel R.E.
Secretary to Govt. P.W.D.

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Imperiab
Military Works.

Madrid

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Imperial
Military Works

Madras.

## Revenue.

Abstract of the Budget Estimate of Revenue of the Public Works Department from Military Works in Madras from 1st April 1885 to 31st March 1886.

| | Budget Estimate 1885-86. | Revised Estimate 1884-85. | Budget Estimate 1884-85 | Actuals 1883-84. |
|---|---|---|---|---|
| | Rs | Rs. | Rs | Rs. |
| In Public Works Department | 29,500 | 25,000 | 32,000 | 35,173 |
| In Local and Military Departments | " | " | " | " |
| | 29,500 | 25,000 | 32,000 | 35,173 |

## Charges.

Abstract of the Budget Estimate of Expenditure of the Public Works Department of Military Works in Madras for the year from 1st April 1885 to 31st March 1886.

| | | Reference to Detailed Estimate | Budget Estimate 1885-86. | Revised Estimate 1884-85. | Budget Estimate 1884-85 | Actuals 1883-84. |
|---|---|---|---|---|---|---|
| | | | Rs | Rs | Rs. | Rs. |
| Original Works | In progress | | 1,73,056 | | | |
| | Not commenced | | 56,590 | 2,05,570 | 1,98,300 | 1,97,155 |
| Repairs. | Ordinary | | 2,94,547 | | | |
| | Special | | " | 2,91,000 | 2,75,000 | 2,76,512 |
| Establishment | | | 1,20,563 | 1,11,450 | 1,10,300 | 1,09,439 |
| Tools and Plant | | | 5,242 | 4,780 | 7,000 | 7,074 |
| Suspense Account | | | " | " | " | " |
| Total | | | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |

Imperial
Military Works

Madras.

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3161

Abstract of the Charges to be incurred by the Public Works Department from Imperial Funds and Contributions in both India and England.

Budget Estimate 1885-86.

| | Original Works | | | | | | | | | Revised Estimate 1884-85 | Budget Estimate 1884-85 | Actuals 1883-84. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In progress | Not commenced | Total | Repairs | Establishment | Tools and Plant | Suspense Account | Barrack Department | Total | | | |
| | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs | Rs |
| Provision From Imperial Funds In India | 1,73,056 | 56,590 | 2,29,646 | 2,94,549 | 1,20,563 | 5,242 | " | " | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |
| In England | " | " | " | " | " | " | " | " | " | " | " | " |
| Total | 1,73,056 | 56,590 | 2,29,646 | 2,94,549 | 1,20,563 | 5,242 | " | " | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |
| Provision From Contributions In India | " | " | " | " | " | " | " | " | " | " | " | " |
| Grand Total | 1,73,056 | 56,590 | 2,29,646 | 2,94,549 | 1,20,563 | 5,242 | " | " | 6,50,000 | 6,12,800 | 5,90,600 | 5,90,180 |

Statement showing the Works on which the outlay in England above provided for is to be incurred.

Budget Estimate 1885-86

Original Works.

| In progress | Not commenced | Total | Tools and Plant | Suspense Account | Total | Revised Estimate 1884-85 | Budget Estimate 1884-85 | Actuals, 1883-84. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Nil.

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Imperial
Military Works. 5

Madras. 6

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# Detail of the Budget Estimate for Part I Class

## Original Works for the year 1885-86.

### A Works.

| Head of Classification | Executive Division | Locality | Item No: | Projects and Works | Amount of Estimate | Outlay: Actual to end of 1883-84 | Outlay: Probable during 1884-85 | Outlay: Works in progress | Outlay: Works not commenced | Outlay: Total | Grant 1885-86. Item No: | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Imperial Ordinary Military Original Works | | | | | | | | |
| (1) Accommodation for troops Buildings for European troops in the plains Permanent | Chingleput | St. Thomas Mount | 1 | New barracks for Royal Artillery | 1,35,160 | 67,389 | 30,000 | 24,661 | | | 1 | G.O. No: 298 W dy 4th February 1884. Item No: 1 Class A Works, Budget of 1884-85. |
| | West Coast | Malapuram | 2 | Barracks for detachment British Infantry | 1,31,610 | 45,530 | 38,000 | 28,621 | | 53,282 | 2 | G.O. No: 580 W dy 3rd March 1884. Item No: 2 Class A Works, Budget of 1884-85. |
| Buildings for native troops | Trichinopoly | Trichinopoly | 3 | Constructing public buildings for two regiments of Native Infantry | 35,150 | 3,138 | 9,500 | 18,012 | - | 18,012 | 3 | G.O. No: 2194 W dy 5th September 1884. Item No: 2 Class B Works, Budget of 1884-85 |
| (2) Ordnance Works | Presidency | Fort St. George | 4 | Armament of Fort St. George | 42,035 | " | 11,000 | 31,035 | " | | 4 | G.O. No: 2970 W dy 19th October 1883. Item No: 6, Class A Works, Budget of 1884-85 |
| " | do | Madras | 5 | Improvements to the Gun Powder Factory | 2,52,412 | 15,628 | 10,000 | 20,000 | " | 57,035 | 5 | G.O. No: 2707 W dy 3rd Nov. 1883 Item No: 7, Class A Works, Budget of 1884-85 |
| (3) Commissariat Buildings | do | do | 6 | Quarters for warrant and non-commissioned officers of the Commissariat Department | 26,740 | " | 15,000 | 11,740 | " | 11,740 | 6 | G.O. No: 1836 W dy 31st May 1883 Item No: 3, Class B Works, Budget of 1884-85. |
| (4) Fortifications | do | Bangalore | 7 | Constructing a fortified post | 34,280 | 1,463 | 28,000 | 2,827 | " | 2,827 | 7 | G.O. No: 3010 W dy 30th October 1883 Item No: 4, Class B Works, Budget of 1884-85 |
| | | | | | | | | 1,36896 | | 1,36896 | | |

Imperial
Military Works

Detail of the Budget Estimate for

Class

| Head of Classification | Executive Division | Locality | Item No: | Projects and Works. | Amount of Estimate |
|---|---|---|---|---|---|
| | | | | Imperial Ordinary Military Original Works. | |
| (1) Accommodation for troops Building for Queen's own Troops in the plains Permanent | Presidency | Fort St. George | 1 | Converting a racket court into a covered gymnasium | 11,570 |
| | Lt. Brigade Depot H. Thomas Regt | | 2 | Constructing six blocks of stables for two field batteries of Royal Artillery | 20,710 |
| | Presidency | Bangalore | 3 | Additions to the Military Prison | 8,325 |
| Building for Native Troops | Presidency | Bangalore | 4 | Public buildings for a regiment of Native Cavalry | 25,237 |
| | Bellary | Bellary | 5 | Armourer's shop, Light Cavalry | 2,195 |
| (2) Commissariat Buildings | Nilgiris | Wellington | 6 | Bakery | 32,000 |
| | | | 7 | Minor Works | |
| | | | | Total | |
| | | | | Grand Total | |

8 Madras

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A3

E – cont.

Original Works for the year 1885-86.

B Works

| Outlay Actual to end of 1883-84. | Outlay Probable during 1884-85. | Grant 1885-86. Works in progress | Grant 1885-86. Works finished | Grant 1885-86. Total | Item No: | Remarks and References. |
|---|---|---|---|---|---|---|
| | | 11,570 | | | | G.O. No: 590 Way 4th March 1884. Item No: 1, Class B Works, Budget of 1884-85. |
| | | 10,000 | 9,160 | | 2 | G.O. No: 2747 Way 1st October 1883. Item No: 2, Class B Works, Budget of 1884-85. |
| | | 8,325 | 29,065 | | 3 | G.O. No: 938 Way 5th April 1884. |
| | | 14,000 | | | 4 | G.O. No: 47 Way 10th January 1882. Item No: 24, Class B Works, Budget of 1884-85. |
| | | 2,195 | 16,695 | | 5 | G.O. No: 2266 Way 14th September 1883. Item No: 25 Class B Works Budget of 1884-85. |
| | | 5,000 | 27,000 | 27,000 | 6 | G.O. No: 1838 Way 29th July 1884. |
| | | | | 20,000 | | 20,000 |
| | | 36,160 | 56,590 | 92,750 | | |
| | | | | 2,29,646 | | |

List of Works (or Class b Works) omitted from the Budget-Estimate of 1885-86, but for which expenditure may be incurred during the year by Re-appropriation from b class Works

| Head of Classification | Executive Division | Locality | Item No. | Projects and Works | Amount of Estimate | Actual to end of 1883-84 | Probable during 1884-85 | Amount applied for 1885-86 Works in progress | Work not commenced | Total | Item No. | Remarks and References |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Imperial Ordinary Military Original Works | | | | | | | | |
| Accommodation for Native Buildings for European troops in the plains. Permanent | Presidency | Fort St. George | 1 | Armourer's shop for the British Infantry Regiment | | | | | 5,000 | | 1 | Estimate awaited |
| | do | do | 2 | Drainage of foot and barracks | | | | | 10,000 | | 2 | do |
| | do | do | 3 | Well-house outside the barracks | | | | | 2,500 | | 3 | do |
| | do | do | 4 | Garrison bazaars to be done away with and new cook houses to be built on its site, in the meanwhile the kitchens to be better ventilated. | | | | | 4,500 | | 4 | do |
| | Chingleput | St. Thomas Mount | 5 | 6 coffee shops, 3 in number, one for each north, south & the new Artillery barracks | | | | | 9,000 | | 5 | do |
| | do | do | 6 | A wheeler and collar maker's shop for the new double-storied barracks | 5,660 | | | | 5,000 | | 6 | G. O. No: 2717 W dy 3rd November 1884. |
| | do | Pallavaram | 7 | One mortuary room for each of the three hospitals, Nos: 1 to 3. | | | | | 3,000 | | 7 | do |

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List of Works (or Class b Works) omitted from the Budget Estimate of 1885-8 — Appendix B.

List on which expenditure may be incurred during the year by Re-appropriation from Class B Works

| Head of Classification | Executive Division | Locality | Item No: | Project and Works | Amount of Estimate | Outlay Actual to end of 1883-84 | Outlay Probable during 1884-85 | Amount applied for 1885-86 Works in progress | Amount applied for 1885-86 Works not commenced | Amount applied for 1885-86 Total | Item No: | Remarks and Reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Imperial Ordinary - cont. | | | | | | | | |
| | | | | Military - cont. | | | | | | | | |
| | | | | Original Works - cont. | | | | | | | | |
| (1) Accommodation for troops - cont. Buildings for European troops - cont. | Presidency | Bangalore | 8 | Quarters for a school master and mistress, Royal Artillery | | | | | 6200 | | 8 | Estimate awaited |
| | do | do | 9 | Fourth class Gymnasium | 44,600 | | | | 20,000 | | 9 | G.O. No: 1560 of 21st June 1876. |
| | Bellary | Bellary | 10 | Water supply to barracks, Royal Artillery & British Infantry | | | | | 3,000 | | 10 | Estimate awaited |
| | do | do | 11 | Alterations and additions to the Military provost prison in the fort and to the adjoining distressed liquor godowns | | | | | 11,260 | | 11 | Do |
| | do | do | 12 | Swimming bath for 2nd battalion Royal Fusiliers. | | | | | 12,600 | | 12 | Do |
| | do | do | 13 | New gun shed with collar maker's and wheelshop combined for the Royal Artillery | 5,663 | | | | 5,663 | | 13 | G.O. No: 914 Way 3rd April 1882 |

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Imperial
Military Works 13

Madras 14

List of Works (or 2d Class Works) omitted from the Budget Estimate of 1885-86, but Appendix B
from which expenditure may be incurred during the year by Re-appropriation
2d Class Works.

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A6

| Head of Classification | Executive Division | Locality | Item No: | Projects and Works | Amount of Estimate | Outlay to end of 1883-84 | Amount applied for 1885-86. Re-dable during 1884-85. | Works in progress | Works not commenced | Total | Item No: | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Imperial Ordinary - cont. | | | | | | | | |
| | | | | Military - cont. | | | | | | | | |
| | | | | Original Works - cont. | | | | | | | | |
| (1) Accommodation for troops Buildings for European troops in the plains Permanent | Bellary | Bellary | 14 | Infectious disease ward and cook house for the station hospital | 6,140 | | | | 6,000 | | 14 | G.O. No: 320 W dy 7th February 1884 |
| | Nilgiri | Wellington | 15 | Additional hospital accommodation for women and children | | | | | 5,000 | | 15 | Estimate awaited |
| | do | do | 16 | Gymnasium | | | | | 15,000 | | 16 | do |
| | do | do | 17 | Drinking water to be laid on to hospital | | | | | 5,000 | | 17 | do |
| | West Coast | Kanmanore | 18 | Plunge bath on standard plan for European Infantry Barracks | 4,690 | | | | 4,690 | | 18 | G.O. No: 418 dy 10th February 1876. |
| | do | do | 19 | Improving Latrines for the British Infantry | 2,780 | | | | 2,780 | | 19 | G.O. No: 1056 dy 4th April 1879 |
| | Presidency | Bangalore | 20 | Quarters for the Senior Apothecary North station hospital | 5,300 | | | | 5,300 | | 20 | G.O. No: 3385 W dy 27th Nov: 1883. |
| | do | do | 21 | Quarters for an Assistant Apothecary North station Hospital | 4,773 | | | | 4,773 | | 21 | G.O. No: 938 W dy 5th April 1884 |
| | Nilgiri | Wellington | 22 | Quarters for a warrant officer or staff serjeant of the Barrack Dept. | | | | | 8,000 | | 22 | Estimate awaited. |

List of Works (or Class b Works) omitted from the Budget Estimate of 1885-86

Appendix B
from Class

| Head of Classification | Executive Division | Locality | Item No. | Projects and Works. | Amount of Estimate |
|---|---|---|---|---|---|
| | | | | Imperial Ordinary—cont. | |
| | | | | Military—cont. | |
| | | | | Original Works—cont. | |
| (1) Accommodation for Native Troops. Buildings for Native Troops | Bellary & Deputation | Bellavaram | 29 | New lines for one regiment of Native Infantry | |
| do | do | do | 30 | Regimental magazine for a native infantry regiment. | |
| Bellary | Bellary | Bellary | 31 | School house room for the 27th regiment, native infantry | 3,030 |
| Coimbatore | Quilon | Quilon | 32 | Store-room for native infantry | |
| do | do | do | 33 | Magazine for native infantry barracks. | |
| do | do | do | 34 | Latrines with wells for native infantry barracks | |
| Presidency | Madras (Royapuram) | Madras (Royapuram) | 35 | Flushing drains with sewer wells water | 4,300 |



B

List on which expenditure may be incurred during the year by Re-appropriation
B Works.

| Outlay | | | Amount applied for 1885-86 | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|
| Actual Outlay end of 1883-84 | Probable during 1884-85 | Works in progress | Work not commenced | Total | | | |
| | | | | 33,000 | | 29 | Estimate awaited. |
| | | | | 4,500 | | 30 | Do |
| | | | | 3,030 | | 31 | G.O. No. 149 W dated 17th January 1884. |
| | | | | 5,000 | | 32 | Estimate awaited. |
| | | | | 3,000 | | 33 | Do |
| | | | | 3,150 | | 34 | Do |
| | | | | 4,300 | | 35 | G.O. No. 1397 W dated 4th June 1884. |

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Imperial
Military Works. 19

List of Works (or Classes of Works) omitted from the Budget Estimate of 188[illegible] from the

| Head of Classification | Executive Division | Locality | Item No: | Projects and Works | Amount Estimate |
|---|---|---|---|---|---|
| | | | | Imperial Ordinary — cont. | |
| | | | | Military — cont. | |
| | | | | Original Works — cont. | |
| (2) Ordnance Works | Presidency | Madras | 36 | Demolishing and re-erecting the present wheel shops of the Gun Carriage Factory | 7,37 |
| | do | do | 37 | Extra accommodation as store rooms in the Gun Carriage Factory | |
| | do | do | 38 | Improvements to the barrel machine shops, Gun Carriage Factory | 4,03 |
| (3) Commissariat Buildings | do | do | 39 | Constructing a shed in the camp equipage depot | |
| | do | do | 40 | Lines for 17 petty officers and 173 cattle attendants attached to Transport Department | |
| | do | do | 41 | Godowns for workshops and sheds for keeping 90 army transport and 24 ambulance carts, do lights to | |

Madras

B

on which expenditure may be incurred during the year by Reappropriation

13 Works.

| Outlay | Amount applied for 1885-86. | | | | | Item No: | Remarks and References. |
|---|---|---|---|---|---|---|---|
| Actual to end of 1883-84. | Probable during 1884-85. | Works in progress. | Work not commenced. | Total. | | | |
| | | | | 7,370 | | 36 | G. O. No: 2870 W&F 17th November 1884 |
| | | | | 6,000 | | 37 | Estimate awaited |
| | | | | 4,030 | | 38 | G. O. No: 2413 W&F 16th September 1882 |
| | | | | 5,300 | | 39 | Estimate awaited |
| | | | | 48,000 | | 40 | Do |
| | | | | 5,500 | | 41 | Do |

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Imperial
Military Works

42

Madras

List of Works (or Class B Works) omitted from the Budget Estimate of 1884-85 from Class B Works

Appendix B.

List on which expenditure may be incurred during the year by Reappropriation

| Head of classification | Executive Division | Locality | Item No: | Projects and Works | Amount of Estimate | Outlay Actual to end of 1883-84 | Outlay Probable during 1884-85 | Amount applied for 1885-86 Works in progress | Amount applied for 1885-86 Works not commenced | Amount applied for 1885-86 Total | Item No: | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | 3160/3161/50 |
| | | | | Imperial Ordinary – cont. | | | | | | | | |
| | | | | Military – cont. | | | | | | | | |
| | | | | Original Works – cont. | | | | | | | | |
| (3) Commissariat Buildings. | Presidency | Bangalore | 42 | Quarters for a Conductor, Transport Department | | | | | 4,220 | | 42 | Estimate awaited |
| | | Chingleput | Guindy | 43 Converting the late Supdg. Engineer's office at Guindy into a Commissariat slaughter house | 11,800 | | | | 11,800 | | 43 | G.O. No: 1399 Way 12th May 1884. |
| | | do | do | 44 Quarters for Station Butcher | | | | | 4,740 | | 44 | Estimate awaited. |
| | | do | St. Thomas Mount | 45 Raising the main wall and renewing the roofing thereof the East and West Harness rooms Troop lines | 4,200 | | | | 4,200 | | 45 | G.O. No: 3137 Way 17th December 1881 |
| (5) Stud Barrier Houses | | | 46 | Purchase of Honorary Surgeon's house and Farrier Serjeant's Bungalow with outhouses | 4,010 | | | | 4,010 | | 46 | ~~G.O. No: 2903 Way 15th October 1883.~~ G.O. No: 2903 Way 15th October 1883. |

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Imperial Military Works. First Circle. Part I

Detail of the Budget Estimate for Original Works for the year 1885-86.

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| Head of Classification | Executive Division | Locality | Item No | Projects & Works. | Amount of Estimate | Outlay | | Grant for 1885-86 | | | Item No | Remarks & references. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Actual to end of 1883-84 | Probable during 1884/85 | Works in progress | Works not Commenced | Total | | |
| | | | | **Imperial Military.** | | | | | | | | |
| | | | | **Original Works Major** | | | | | | | | |
| (3) Accommodation for Troops- Buildings for Native Troops | Vizagapatam Div. | Vizianagram | | Constructing a Store room for the 16th Regiment M. N. Infantry | 3,480 | - | - | - | 3,480 | 3,480 | 1 | Plans and estimates submitted to the Officer Commanding the Eastern District to obtain sanction of Government in reference to G.O No 300. W. of the 24th October 1883. |

Dowlaiswaram
23rd October 84

R Montgomerie
Lt Col RE
Supt Engr 1st Circle.

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# Imperial Military Budget Estimate.

Statement shewing the amounts of the estimated requirements in lump sums to be provided in the Imperial Budget Estimate.

| Divisions. | Minor Works. | | | | Repairs. | | | Tools & Plant. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|
| | Military | Civil Buildings. | Communi-cation. | Miscellaneous Public Improvements. | Military. | Civil Buildings. | Communi-cation. | Miscellaneous Public Improvements. | |
| Ganjam | 2,000 | - | - | - | 2,000 | | | | |
| Vizagapatam | 5043 | | | | 3,500 | | | | |
| Godavari Eastern | - | - | - | - | 500 | | | | |
| Do Central | - | - | - | - | - | | | | |
| Do Western | | | | | | | | | |
| Total | 7,043 | - | - | - | 6,000 | | | | |

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× Of this amount Rs 1390 are required for constructing a new school for the native Infantry at Berhampore - sanctioned in G.O No 3536 W. of 10th December 1883 & Rs 610 for unforeseen works.

* This amount is required for the following work

| | |
|---|---|
| Constructing three latrines for the 16th Regiment M.N. Infantry Vizianagram - See G.O No 3062 W of 24th October 1883 - Estimate is under preparation | 2295 |
| Additions to the Military Hospital at Vizianagram - See G.O No 179 W. dated 21st January 1884 | 515 |
| Improvements to the Hospital at Do - G.O No 1746 W. of 16th July 1884 | 545 |
| Powder Magazine with surrounding walls at Vizianagram Plans and estimates the Do Officer says are ready for transmission - | 1488 |
| Unforeseen works | 200 |
| | 5043 |

⊗ Of this sum Rs 1210 are required for annual repairs to Military Buildings & Rs 2050 for repairs of Cantonment Roads & Rs 240 for compensation in lieu of quarters for Medical Subordinate attached to Garrision Hospital at Vizianagram -

Dos Larisvaram
23rd October 1884

R Mowbray Lt Col RE
Supt Engr 1st Circle.

Budget Estimate
for
1885-86.

"Imperial Military"

To accompany letter
No 275 GL d/ 23rd October 84
from the Supg Engr 1st circle
to the Chief Engineer P.W.

From 3160/3161
The Superintending Engineer
2nd Circle.

To The Chief Engineer,
Public Works Dept.,
Madras.

Dated
Despd. } 31st October 1884.

Budget Estimates
under Imperial Military
for the Official year
1885-86.

Nil.

I.W. Rundall
Supg. Engineer
2nd Circle.

P.S.

From

The Supdg Engineer
3rd Circle
Bellary.

To

The Chief Engineer
P.W. Department
Madras

Dated 10th September
1885

Statement accompanying the Military Budget Estimate for 1885-86

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3161

Statement showing the proposed expenditure
outlay in the current official year under all
detail to accompany the Budget

in the ensuing official year and the approximate
Budget Heads "Major Works" being specified in
Budget estimate for 1885-86.

| Division | Details | Estimate amount | Grant for 1884-85 | Estimate expenditure during 1884-85 | Estimate proposed expenditure during 1885-86 | Remarks |
|---|---|---|---|---|---|---|
| | Imperial Ordinary | | | | | |
| | Military | | | | | |
| | Major Original Works | | | | | |
| Bellary | Stables for one Field Battery | 10000 | 1460 | 1460 | 0 | |
| 1st | Slaughter House & hanging shed complete | 700 | 3643 | 3643 | 3 | |
| | Store & cookhouse | | | | | |
| | Infectious Hospital | 6000 | | | | 6000 |
| | for the Station Hospital | | | | | |
| 2nd | Gun Shed with bullock-sheds & | | | | | |
| | Wheelers shop combined for the | | | | 5663 | |
| | Royal Artillery | 5663 | | | 2696 | |
| | Armourers shop 2nd Light Cavalry | 2696 | | | | |
| 3rd | Armourers shop & Store for the Native Infantry | | | | 3030 | |
| | School House for the Native Infantry | 3030 | | | " | Item 10 in the statement suspended by G.O. No 1081 dated 24th June 1884 |
| | Regiment | 1500 | 1600 | 1500 | 1000 | |
| | Minor Works | | | | 18388 | |
| | Minor Works (Lump sum) | " | Total | 6663 | | |
| | Repairs | | 25,000 | 25,000 | 25,000 | |
| | Annual Repairs (Lump sum) | " | | | | |

Superintending Engineer's Office
Bellary 18 September 1884

Alexander Abbott Lt Col R.E.
Superintending Engineer
S. Circle.

Engineer

Buildings & Roads

Budget Estimate for 1886-86

Abstract

3160
3161

| | Estimate 1886-86 | | Estimate 1884-86 | |
|---|---|---|---|---|
| | Amount | Total | Amount | Total |
| Military | | | | |
| Original Works | 18,388 | | 6,603 | |
| Repairs | 26,000 | | 26,000 | |
| Total Military | | 43,388 | | 31,603 |

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Herbert Wood Lt Col RE
Superintending Engineer
3d Circle

Imperial

Buildings and Roads

Detail of the Budget Estimate of 1885-86

| Head of classification | Executive Division | Locality | Item No. | Projects and Works |
|---|---|---|---|---|
| | | | | Imperial Buildings |
| Accommodation for troops | Bellary | Bellary | | Defence for the Artillery Stores |
| Buildings for European troops | do | do | 2 | Two Gun-sheds with Collars and Shelves, Shop, Carriage Royal Artillery |
| | do | do | 3 | Armourers Shop, 2nd Lines |
| Buildings for Native troops | do | do | 4 | School House for the Infantry Regiments |

Works, Imperial Buildings and Roads for the year 1885-86

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| Amount of Estimate | Outlay: Actual to end of 1883-84 | Outlay: Probable during 1884-85 | Outlay: Grant 1885-86 | Remarks and References |
|---|---|---|---|---|
| | | | | Lines of Works for the |
| 5663 | — | — | 5663 | G.O. No. 914 D. of 30 April 1884. |
| 2695 | — | — | 2695 | G.O. No. 2266 D. of 14 September 1884 Item No. 25 of appendix to 1884-85 Budget |
| 3030 | — | 14414 | 3030 | G.O. No. 149 D. of 17th January 1884 |
| | | 17588 | | |

Fort St. George, 5th October 1884.

Superintending Engineer

3rd Circle

| Head of Classification | Executive Division or Locality | Estimate No. | Projects and Work | Amount of estimate | Outlay | | | Remarks & References |
|---|---|---|---|---|---|---|---|---|
| | | | | | actual to end of 1883-84 | probable during 1884-85 | Grant 1885-86 | |
| | | | Brought forward | | | | 17,388 | |
| | Bellary | Bellary | Grant for minor Works costing under Rs 2500 each | | | | 1000 | |
| | | | Total Civil Outlay | | | | 18,388 | |

Assistant Engineer

Superintending Engineer

3160/3181

60

Imperial C.
Buildings & Roads

3rd Circle

Cont. II

Budget estimate for Repairs, Imperial Buildings and Roads for the year 1885-86.

| Head of classification | Division | District | Items | Estimate 1885-86 Amount | Total | Estimate 1886-8 Amount | Total |
|---|---|---|---|---|---|---|---|
| | | | Imperial ordinary Military Repairs. | | | | |
| Military | Bellary | Bellary | Annual Repairs | 25,000 | | 25,000 | |
| | | | Total Military | 25,000 | | 25,000 | |

Supdg Engr's office
Bellary 18th September 85

Charles Ubbelohde Lt & Adjt R.E.
Superintending Engineer
3rd Circle

3160
3161

61

No. 2849

From

The Supdg Engineer
6th Circle
Bellary

To

The Chief Engineer
P.W. Department
Madras

Dated 16th September 84
Recd. 17th

Military Budget
Estimate for 1885-86

Imperial Military — 6th Circle — Part II

3160/3161

Detail of Budget Estimate for Repairs for the year 1885-86.

| No. of Classification | Division | Locality | Items | Estimate 1885-86. Amount | Total | Estimate 1884-85 Amount | Total |
|---|---|---|---|---|---|---|---|
| | | | 131-199 | | | | |
| | | | **Imperial Ordinary Military** | | | | |
| | | | Accommodation for Troops | 4600 | | | |
| | | | **Military Roads** | | | | |
| | | | Cantonment Roads | 1200 | 6800 | 5000 | 5000 |

Superintending Engrs office
Spotswoodly 13th Octr 84

62

Lt Col RE
Superintending Engr 6th Circle

3160.
3161

Imperial

Military Works

Part II.

Detail of the Budget
Estimate for Repairs
for the year 1885-86

63

6th Circle

Statement to accompany Budget Estimate for Imperial Military for 1885-86.
Vide G.O. No. 228 W. dated 16-8-83.

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3161

| No. | Names of works. | Amount appropriated of outlay Estimate 1884-85 | Proposed Expenditure in 1885-86. | Remarks. |
|---|---|---|---|---|
| | **Imperial ordinary Military Original Works** | | | |
| 1 | Constructing two Latrines for the use of the 21st N.I. Regiment | | | To be done by depoy Labor |
| 2. | Do Do four Do for 30th Do | | | Do |
| 3. | Two Bells of Arms & quarter guard Combined for two Native Infantry Regiments at Trichinopoly | 20630 | | one set of buildings are in fair progress. The grants will be fully utilized. |
| 4. | Combined Magazines for two Native Infantry Regiments at Do | 5140 | | |
| 5. | Combined solitary cells for two Regiments of Native Infantry at Do | 1850 | 9500 | 23000 |
| 6 | Two Armourers shops for Do | 4660 | | |
| 7 | Combined store rooms for Do | 3370 | | |

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Superintending Engrs Office
Trichinopoly 13th Oct 1884

W. Brown Lt Col R.E.
Superintending Engr 6th Circle

4th Circle

Of 13th October 84.

Statement to accompany Budget Estimate for Imperial Military for 1885-86 - Vide Gos. No. 2288 W 16-8-83

No. 270/K.

D. P. W.

North Arcot, Division Office,

Camp, Vellore 5th October 1884.

From,

THE EXECUTIVE ENGINEER,

North Arcot Division,

To, The Superintending Engineer 3160/3161
4th Circle

Sir,

Referring to your letter No. 392/n.a of the 30th Ultimo, I have the honor to note below the probable outlay on all Budget Heads during 1884-85.

Imperial Military original works Rs. 2100-
Do — Do — Repairs — Rs. 3000-
Do — other services Repairs Rs. — 300.
Provincial civil Buildings original works. Rs. 56,000.
Do — Do — Repairs — Rs. 10000
Do — Do — Tools & Plant Rs. — 800-
Irrigation and Navigation works for which capital and Revenue accounts are kept (a)
Capital - Rupees — 20,000.
Do - Extension and Improvements Rs. 4000.
Do - Maintenance & Repairs Rs 20,000-
Do — Tools and Plant Rs. 100-
Irrigation and Navigation works for which neither capital nor Revenue accounts

accounts are kept

Original works Rs. 12,000

Repairs — Rs. 60,000.

I have the honor to be

Sir

Your most obedient Servant

Executive Engineer N. A. Div.

3160
3161

66

SUPG. ENGINEER'S OFF.
6 OCT. 84
P.W.D.
FOURTH CIRCLE

88 P.a.

From

The Executive Engineer

North arcot Division

Dated 4 October 1884.

No. 270/88.

Enclosure

7 Accountant

Subject

Reports probable outlay

on all Budget Heads

during 1884-85

IV Circle D.P.W. Salem / Division /

Statement showing the approximate out=lay in the Current Official year ie 1884-85 under Imperial.

3160/3161

| Head of Service | Amount proposed for 84-85 | Amount granted for 84-85 | Approxi=mate outlay for 84-85 | Remarks |
|---|---|---|---|---|
| Imperial | | | | |
| Military | | | | Remount depôt works at Oosur transferred to the Bangalore project Div. |
| Nil | | | | |
| Other Services | | | | |
| Postal | | | | |
| Minor Original works | 300 | " | " | |
| Repairs | 300 | 100 | 100 | |

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Salem Divisional Office
30th August 1884

Executive Engineer
Salem Division

G.M.

3160
3161

Statement showing the approximate outlay in the Current Official year 1884-85 under Imperial

68

3162/1912

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## Coimbatore Division

Statement showing the proposed expenditure in the year 1885-86 and the approximate outlay in the current official year under the Budget Head Imperial Military:-

| Project and Works | Amount of Estimate | Outlay upto 31st March 1884. | Approximate outlay in the Official year 1884-85 | Proposed Expenditure in the year 1885-86. |
|---|---|---|---|---|
| Constructing Barracks for a detachment of British Infantry at Mullipuram | 131,610 | 45,530 | 38,000 | 40,000 |
| Converting the old Artillery stables at Cannanore into a Bakery and for sinking a well | 11,380 | 5,000 | 6380 | |
| Minor Original Works | 3,790 | 3,820 | | 4,000 |
| Repairs | 32,727 | 40,000 | | 40,000 |
| Total Rupees | 87,047 | 88,200 | | 84,000 |

Coimbatore
9th September/84

R Davidson
Executive Engineer.

Coimbatore Division

SUPDG. ENGINEER'S OFFICE
No. 75529
10 SEP 84
P.W.D.
FOURTH CIRCLE

Statement showing the proposed expenditure in the year 1885-86 and the approximate outlay in the current official year under the Budget Head Imperial.

Imperial
Military Works

3160
3164 IV Circle.

# Public Works Department

## Imperial Budget Estimate

## Of

## Military Works

## For the year

## 1885-86.

S. Engr's Office
4th Circle
Coimbatore
10th October 1884

L. Beatty - Colonel RE.
Superintending Engineer 4th Circle.

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3160
3161

## Contents.


| | Pages. |
|---|---|
| Abstract of Budget Estimate of Revenue | 1 |
| Do. of Do. of Charges. | 2 & 3 |
| Detail of do. for original works | |
| Part I | 4 to 9. |

# Revenue.

IV Circle

Imperial
Military Works.

3160/3161

Abstract of the Budget Estimate of Revenue of the Public Works Department from Military Works in the IV Circle from 1st April 1885 to 31st March 1886.

| | Budget Estimate 1885-86 | Regular Budget Estimate 1884-85 | Budget Estimate 1884-85 | Actual 1883/84. |
|---|---|---|---|---|
| In P.W. Department | 2,636 | . | 2,636 | 1,862 |
| In Civil & Military Dr | " | " | " | " |
| Total | 2,636 | " | 2,636 | 1,862 |

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Imperial
Military

Estimates

IV Circle.

Abstract of the Budget Estimate of Expenditure of the P.W.D. on Military Works for the year from 1st April 1885 to 31st March 1886.

Original } Budget Estimate 1885/86
Works } Revised Estimate 1884/85 } Reference to detail Est. made
Actuals 1883/84

| | Original Works | | | Repairs | Establishment | Tools & Plant | Suspense Account | Barrack Department | Total | Revised Estimate 1884/85 | Budget Estimate 1884/85 | Actuals 1883/84 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In progress | Not Commenced | Total | | | | | | | | | |
| **Provision from Imperial Funds** | | | | | | | | | | | | |
| In India | 67,000 | 42,505 | 109,505 | 62,000 | 39,446 | 25,72 | " | " | 213523 | 163493 | 163493 | 118431 |
| In England | " | " | " | " | " | " | " | " | " | " | " | " |
| Total | 67,000 | 42,505 | 109,505 | 62,000 | 39,446 | 25,72 | " | " | 213523 | 163493 | 163493 | 118431 |
| **Provision from Contributions** | | | | | | | | | | | | |
| In India | " | " | " | " | " | " | " | " | " | " | " | " |
| Grand Total | 67,000 | 42,505 | 109,505 | 62,000 | 39,446 | 25,72 | " | " | 213523 | 163493 | 163493 | 118431 |

Abstract of the Charges to be incurred by P.W. Department from Imperial Funds and Contributions in both India and England.

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Imperial
Military Works.

Part I.

# Detail of the Budget

| Head of Classification | Executive Division | Locality | Item No. | Project and Works | Amount of Estimate |
|---|---|---|---|---|---|
| | | | | **Imperial Ordinary Military Original works.** | |
| (1) Accommodation for Troops. Buildings for European Troops in the Plains. Permanent. | West Coast | Mattakuliya | 1 | Barracks for detachment British Infantry to accommodate 100 men. | 13,610 |
| (5) Studs | Bann Project Division | Hosur | 2 | Purchase of Honorary Surgeon Willis Bungalow with out houses at Mathigiri Remount Depot. Rs 2,500 | |
| | | | 3 | Purchase of Farrier Serjeants Bungalow with out houses at Mathigiri Remount Depot. Rs 1570 | 4,010 |



IV Circle. 3160/3161

Estimate of Original works for the year 1885/86.

| Outlay Actual to end of 1883/84 | Grant 1885-86 Probable during 1884/85 | Works in Progress | works not commenced | Total | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| | | | | | 1 | G.O. No 580 W of 5th March 1884. Item No 2 of Class A works of Budget of 1884-85. |
| 45,530 | 38,000 | 46,000 | " | 40,000 | | |
| | | | | | 2 | G.O. No 2903 W 4 15th October 1883. |
| " | " | " | 4,010 | 4,010 | | |
| | | | C.O. | 44010 | | |

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# Part I.

| Head of Classification | Executive Division | Locality | Item No. | Projects and Works. | Amount of Estimate | Out of Amount for 1884/85 |
|---|---|---|---|---|---|---|
| (1) Accommodation for Troops. Buildings for European Troops on the Hills. | | | 3 | Gymnasium for the Depôt | 21835 | " |
| | | | 4 | Quarters for a Warrant Officer or Staff Sergeant of the Barrack Department | 8000 | " |
| | | | 5 | Bakery at the Depôt. | 32000 | " |
| (2). Commissariat Buildings. | | | | Minor Works. | | |
| | | | | West Coast Dn. | 4000 | |
| | | | | North Arcot | 4000 | |
| | | | | Nilgiri | 5505 | |
| | | | | Barrur | 1990 | |



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3161

| Lay | Grant 1885/86 | | | | Remarks & Reference. |
|---|---|---|---|---|---|
| Actual of 84 | Probable during 1884/85 | Works in progress | Works not commenced | Total | Item No. |
| | | | | 44010 | |
| | | " | 15,000 | 15,000 | 3 Recommended by Barrack Committee. & Asst Dr. Mr Genl. Bangalore Division informs in his letter No 1420 of 9-6-84 that the Estimate has been sanctioned by H. E. the Commander-in-Chief and that the work will be carried out when funds are available. |
| | | " | 8,000 | 8,000 | 4 Recommended by the Barrack Committee and the Estimate under preparation by the Executive Engineer. |
| 5,000 | 27,000 | " | | 27,000 | 5 Work will be commenced as soon as the grant applied for to Government of India is sanctioned. |
| | | | | 15,495 | 15,495 + Vide accompanying detailed List of Minor works. |
| | | | | C. O. | 109505 |

# Part I Continued

Grant 1885/86

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| Head of Classification | Expenditure Dr. | Locality | Item No | Project and works | Amount of Estimate | Outlay Actual to end of 1883/84 | Outlay Probable during 1884/85 | Works in progress | Works not commenced | Total | Item No | Remarks and references. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 109505 | | |
| | | | | Minor works Repairs | | | | | | | | |
| | | | | West Coast Dr. 40,000 | | | | | | | | |
| | | | | Coimbatore 500 | | | | | | | | |
| | | | | North Arcot 3,000 | | | | | | | | |
| | | | | Nilgiris 15,000 | | | | | | | | |
| | | | | Barur Project 3566 | | | | | | 62,000 | 62,000 | |
| | | | | Total Imperial | | | | | | 171505 | | |

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3161

List showing the details of the amount applied for under Minor works in the Imperial Budget of Military works for 1883/86.

| Division | Particulars | Amount of Estimate | Grant for 1885/86 | Remarks. |
|---|---|---|---|---|
| North Arcot. | Imperial Ordinary Military - Original works. Improving the Lightning Conductors of the Powder Magazine in the Fort at Vellore | 1140 | 1140 | Sanctd. in G.O. No 44W of 10th Jany. 1884. |
| | Constructing a Regimental School House at Vellore. | 2150 | 2150 | Do. in G.O No 318W of 7th Feby. 1884. |
| | Providing bath rooms for Serjeants Quarters Wellington | 865 | 865 | |
| | Flooring the passage leading from the Family Quarters to the Latrine at do. | 640 | 640 | |
| | Adding a room to the Hospital Purveyors Godown at Wellington. | 1520 | 1520 | |
| Nilgiris. | Removing the present Concrete floor of Latrines of Nos 1 to 5 Barracks and School block and relaying the same with 12" Square tiles. | 1680 | 1680 | 77 |
| | Supplying Cooking range to Serjeants Mess capable of Cooking for 30 Serjeants. | 800 | 800 | |
| | Carried over | | 8795 | |

| Divisions | Particulars | Amount of Estimate | Grant 1885/86 | Remarks |
|---|---|---|---|---|
| | Brought forward | | 8795 | |
| | Unforeseen works. | | | |
| North arcot | " | | 710 | |
| West Coast | " | | 4000 | |
| Barun | " | | 1990 | |
| | Total | | 15495 | |

Coimbatore
10th Oct: 18

L. Beatty - Colonel R.E.
Superintg Engineer, 4th Circle.

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Imperial

Statement shewing the approximate Expenditure under all Budget Heads during 1884-85 to accompany the Budget for 1885-86.

| Name of Work | Amount of Estimate | Expenditure to end of 83-84 | Approximate Outlay 84/85 | Remarks. |
|---|---|---|---|---|
| Imperial Military Original Works | | | | |
| Bakery at Wellington | 32000 | " | 5000 | This is the amount of appropriation for which application has been made to Government of India. |
| Imperial Military O.W. Minor | " | 1390 | 1300 | This is the amount for which application has been made to the Military authorities through the Supt: Engr: |
| Do Repairs | " | 16987 | 15000 | |
| Imperial - other services O.W. | | | | |
| Combined Post and Telegraph Office Ootacamund | 56960 | 49459 | 8425 | |
| Post office at Dwalah | 3730 | 3225 | 504 | |
| Imp: other services O.W. Minor | " | 782 | 900 | |
| Do Repairs | " | 1322 | 1000 | |

3160/3191

Ootacamund
4th September 84

Accountant

Executive Engineer

the Establishment of the

Statement showing the appropriate Expenditure under the Budget Head during 84/85 for answering the Budget for 85/86

| Name of Work | Amount of Estimate | Expenditure upto end of Jan 84/85 | Remarks |
|---|---|---|---|
| Constructing Circ. House Outhouse | 77980 | 57779 | 75000 |
| Furniture | 1000 | | 1000 |
| Repairs Furniture and Stores. | | | 2500 |
| Establ. quarters Class Stores | 27328 | 28418 | 3900 |
| Hills | 21914 | 9073 | 10000 |
| Construct Boundary Walls | | | |
| Construct Boundary Walls | 38220 | 36335 | 1885 |
| Repairs | 1420 | 1409 | 1200 |
| Construct Boundary Walls | | | 2000 |
| Construct Quarters for Clerk | 2860 | 1917 | 2403 |
| Other Miscellaneous | 25320 | 23967 | 2464 |
| New Road at Ahmedabad Class Stores Quarters | 16235 | | 16235 |
| Quarters for Class IV Staff | | | |
| Class Stores Quarters | | | |
| Office | 14300 | | 14300 |
| Public Latrine Ahmedabad | | | 2000 |
| Office Water Supply | | | 7000 |
| Office Repairs | 2928 | 52 | 2928 |
| Circuit House Ahmedabad | 5300 | | 4000 |
| Office Establishment | 3670 | | 3000 |

Statement showing the appropriate Expenditure under the Budget Head during 84/85 for answering the Budget for 85/86

SUPDG. ENGINEER'S OFFICE
NO.
SEP 84
P.W.D.
FOURTH CIRCLE

No 466
P.W.

Supg Engineer's Office 4th Circle
Coimbatore 10th October 1884.

From
The Superintending Engineer
IV Circle

To.
The Chief Engineer
P.W. Department

Sir,

Encls: 11

I have the honor to submit the
4 Budget with Budget Estimates for 1885.86.
7 statements accompanying. 1. Imperial Budget Estimate of Military Works.

2. ——do——do—— of Other Services.—
3. Provincial Services Budget Estimate
4. Excluded Local, Nil Budget.—
2/ With reference to G.O. No 2288 of 16th August 1883, statements shewing the approximate outlay in 1884-85 under all heads are herewith forwarded.

I have the honor to be
Sir
Your most obedient Servant
[illegible] Colonel R.E.
Superintending Engineer 4th Circle

S.E.'s Major R.E.
Executive Engineer

Remarks.

Estimate under preparation, amount not known

Name of Work
Estimate No
Estimate Rs
Amount of Estimate for 1884-85
Amount of Estimate for 1885-86

Trichinopoly Collectorate
Sub-Magistrate's Office at Musiri
Inspection Bungalow at Do
Collector's at Trichinopoly
Sub-Magistrate's Office at Do
Tahsildar's Office at Do
Head Assistant Collector's

Public Native Hospital at Trichinopoly
Chuttrams under do
Do Vallaveltha
Do Do Kadagany
Do Do Do
Hospital Public Hds at Do
Do Lunatic Asylum Walls
Do Mortuary
Do Compound Wall Building
Do Repairs

Improving Road Communication
Trichinopoly to Lalgoody
Clearing Shola
Repairs Do

Bazaar drains
Lalgoody Sewer
Cliff Hill Cutting
Do Metal
Do Repairs

Ordered accordingly
4th September 1884

Secretary

3160
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87

Dec. 579

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From

The Supt. Engineer,
Fourth circle.

Dated 10th
Recd: 11th } October 1886
Rec'd 13

No. 466
Ref.

Encls: 11

Budget Estimates for
1886/86.-

Submitting the
under "Imperial Military,
"Imperial Other services"
"Provincial" and Rib "Endo-
-ded Local".

83

No 2665

# Imperial Military Works.

## Details of the Budget Estimate for Original Works for 1885-86.

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3161

| Name of Station | Name of Division | Number | Item No. | Project of works. | Remarks. |
|---|---|---|---|---|---|
| | | | | **Imperial Ordinary Military Original works.** | |
| Ootacamund for Troops. | Chingleput | Saint Thomas' Mount. | 1 | New Barracks for Royal Artillery | Item 1 Class A of Budget for 1884-85 |
| —do— | —do— | | 2 | Constructing 6 Blocks of Stables for Field Batteries of Royal Artillery at Saint Thomas' Mount. | Item No 1 Class B of Budget for 1884-85. |
| —do— | Presidency Fort St. George. | | 3 | Converting the Parkel-Court into a Covered Gymnasium | G.O. No 690 F. dated 4th March 1884. |
| —do— | —do— | Bangalore | 4 | Cavalry Agaram Barracks — Constructing additional cells in the Military Prison. | G.O. No 988 F. of 6-4-84. It is detailed in G.O. No 2046 F. 20th August 84 that provision should be made for this work in the Budgets for 1885-86. |

Carried down

## Part I

### ...ial Works for 1885-86.

| Amount of Estimate. | Outlay 1883-84 | Probable Outlay during 1884-85 | Grant for 1885-86: Works in Progress | Works not commenced | Total | Item No. | Remarks. |
|---|---|---|---|---|---|---|---|
| 35050 | 6738 9 | 43,000 Vide Statement of probable outlay on Military Works | 24661 | " | 24661 | 1 | |
| 20160 | " | 11,000 do | 9160 | " | 9160 | 2 | |
| 11890 | " | " | " | 11890 | 11890 | 3 | |
| 8325 | " | " | " | 8400 | 8400 | 4 | |
| | | | 33821 | 20290 | 54111 | | |

| Heads of Classification | Executive Division | Locality | Item No. | Project & Works. | Amount of Estimate | Outlay Actual Expenditure 1883-84 | Outlay Probable during 1884-85 | Grant for 1885-86 Works in Progress | Grant for 1885-86 Works not Commenced | Grant for 1885-86 Total | Item No. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 33821 | 20290 | 54111 | | 3160 / 3160 |
| | | | | Brought over | | | | | | | | |
| (1) Recommendation for Troops. | Presidency | Bungalow | 5 | Quarters for the Senior Apothecary North Station Hospital | 5300 | " | " | " | 5300 | 5300 | 5 | G. A. No. 3385 W. dated 27th November 1883. |
| —do— | —do— | —do— | 6 | Quarters for an Assistant Apothecary North Station Hospl. | 4768 | " | " | " | 4768 | 4768 | 6 | G. A. No. 938 W. dated 6th April 1884. |
| —do— | —do— | —do— | 7 | Accommodation for a Regiment of Native Cavalry | 23490 | " | " | " | 14000 | 14000 | 7 | G. A. No. 1052 W. of 20th June 1884 & G. A. No. 47 W. of 10th January 1884 |
| —do— | —do— | Regapuram & Madras. | 8 | Flushing Drains with Wells Water | 4300 | " | " | " | 4300 | 4300 | 8 | G. A. No. 1397 W. of 4th June 1884. |
| —do— | —do— | Fort Saint George | 9 | Armaments of Fort Saint George | 42035 | " | 11000 | 31035 | " | 31035 | 9 | Budget Item 6 of 1884-85 |
| (2) Ordnance Works. | —do— | Madras | 10 | Improvements to the Barrel Machine Shop & Gun Carriage Factory | 4030 | " | 2795 | 1225 | " | 1235 | 10 | G. A. No. 2413 W. dated 6th Sept/83 |
| —do— | —do— | Ulsoor | 11 | Improvements to the Gun Powder Factory | 243192 | 215254 | 10,000 | 10,000 | " | 10,000 | 11 | G. A. No. 800 W. dated 25/3/84 85 |
| | | | | Carried over | | | | 76091 | 48658 | 124749 | | |

| Heads of Expenditure | Executive Division | Sub-Div. | Item No. | Project & Works | Amount of Estimate | Actuals to end of 1883-84 | Probable during 1884-85 | Estimate for Budget Year 1885-86 | Total | Item No. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Outlay | Grant for 1885-86. | | | | |
| | | | | | | 76091 | 48658 | 124749 | | | |
| | | | | Brought over | | | | | | | |
| (3) Ordnance Works. | Military Works | | 12 | Completing Wall to Gun Powder Factory | 20240 | - | - | 10,000 | 10,000 | 12 | G. A. No. 800 W. dated 15th March 84 |
| (3) Commissariat Buildings | —do— | —do— | 13 | Constructing Quarters for 3 Warrant & 5 Non-Commissioned Officers Commissariat Department | 26740 | - | 15,000 | 11700 | 11700 | 13 | G. A. No. 1836 W. dated 2nd July 1884. |
| —do— | Civil Department | Guinea | 14 | Converting the late Superintending Engineer's Office into a Slaughter House | 11800 | - | - | 11800 | 11800 | 14 | G. A. No. 1399 W. dated 12th May 1883. |
| —do— | —do— | Mounts | 15 | Raising the Main walls and removing the Roofing &c of the East & West Harness Rooms Troop Lines Mounts | 4200 | - | - | - | 4200 | 4200 | 15 G. O. No. 3127 dated 17th December 1881. |
| (3) Fortifications | Providing Bungalows | | | | | | | | | | |
| Fortifications | | | | Constructing a Fortified Post Ordnance Depôt and Laboratory at Agency | 34280 | 3453 | 28000 | 2827 | - | 2827 | 16 G. A. No. 3060 W. dated 20th October 1882. |
| | | | | | | 90718 | 74558 | 165276 | | | |

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| Head Quarters Division | Executive Division | Quality | Sheet No. | Project & Work No. | Amount of Estimate | Actuals to end of 1883/84 | Probable during 1884/85 | Work in Progress | Work not commenced | Total | Sheet No. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Imperial Ordinary Military | | | | | | | |
| | Presidency | | | Minor New Works | | | 8612 | 12000 | - | 12000 | |
| | | | | | | | Vide Statement of Probable outlay | | | | |
| | Chingleput | | | do | | | 502/4 | 5,000 | - | 5,000 | |
| | | | | Total | | | do | 17,000 | - | 17,000 | |
| | | | | Total New Works | | | | 107718 | 74558 | 182276 | |

Outlay. Grant of 1885-86.

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## Part III

### Budget Estimate for Repairs of Military Works in the 5th Circle during 1885-86.

| Heads of Expenditure. | Divisions | Counties | Items. | Estimate 1885-86. Amount | Estimate 1885-86. Total | Estimate 1884-85. Amount | Estimate 1884-85. Total | Remarks. |
|---|---|---|---|---|---|---|---|---|
| Military Residency Repairs | | | | 165910 | | 85910 | | *Including Rs 15910 for G.O. No 3444 of 7/12 Sept/84 |
| do Thoughput. | | | do | 30,000 | | 30,000 | | |
| | | | | | 195910 | | 215910 | |

Madras.
10th October 1885.

KS

Lieutenant Governor's Camp 16th

Sapr: Engineer 5th Circle

P.W.C. No 85

3160
3161

To
The Chief Engineer
P.W. Depth.

Dated 10th October 1885
Read 11

No 2665

Imperial Military

Detail of the Budget
Estimate for Original
works for 1885-86.

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№ 2666 — Fifth Circle — Imperial Military

Statement Showing the probable Expenditure on works during 1884-86.

| Division | Name of Work | Amount of Estimate | Expenditure to end of 1883-84 | Current year's Grant | Probable Expenditure in 1884-85 | Remarks. |
|---|---|---|---|---|---|---|
| | **Imperial Military Major Original Works.** | | | | | |
| Presidency. | Improvements to the Gun Powder Factory | 2,48,492 | 2,15,253 | 10,000 | 10,000 | |
| | Quarters for 3 Havildars & 5 Non-Commissioned Officers of the Commissariat Deptt at Madras | 26,740 | . | 15,000 | 15,000 | |
| | Reroofing & repairing the Barracks Stores at the Gun Carriage Factory Madras | 4030 | . | 2795 | 2795 | |
| | Armaments of Fort Saint George | 42035 | . | 15,000 | 11,000 | Application has been made for the transfer of Rs. 4000 to the Coast Batteries |
| | Completing the Emplacements & Improving the Store Rooms &c of the Coast Batteries | 43,800 | 30,611 | 16,000 | 20,000 | Additional Funds are required upon the Revision of the Estimate |
| | Constructing Fortified Post & Ordnance Depôt & Laboratory at Agaram in Bangalore | 34,280 | 3463 | 28,000 | 28,000 | 3160 / 3161 |
| Do | | | | | | |
| Chingleput | Constructing New Barracks for Royal Artillery at Mount | 1,36,150 | 67389 | 30,000 | 43,000 | An application for Rs 13,000 additional has been made in letter № 2519 of the 1st October 84 |
| | Carried Over | | | 116795 | 129795 | |

Fifth Circle — Imperial Military

| Division | Name of work. | Amount of Estimate | Estimate to end of 1883-84 | Current year grants | Probable Expenditure in 1884-85 | Remarks |
|---|---|---|---|---|---|---|
| | Brought over | | | 116795 | 129795 | |
| Chinglepet | Constructing 6 Block of Shelter for two Field Batteries of Royal Artillery at Mount | 20160 | 19,000 | 10,000 | 11,000 | An application for Rs 1,000 additional has been made in letter No 2619 of the 1st October 1884 |
| | Total Major Works | | | 126795 | 140795 | |
| Presidency | Minor New Works | | | 3612 | 3612 | Rs 3612 — are as sanctioned by the Brigadier Genl Eastern Division but an additional Grant of Rs 5,000 has been applied for |
| Chinglepet | Do | | | 496 | 5027 | Rs 496 are as sanctioned by the Brigadier Genl Eastern Division & Rs 4531 further sums have been asked for in the same letter of 1st October |
| | Total Minor Works | | | 4108 | 13639 | |
| Presidency | Repairs Building | | | 150,000 | 185910 | An application for additional Grants of Rs 15,910 & Rs 20,000 was made in the same letter of 1st October 1884. |
| Chinglepet | Do Do | | | 30,000 | 30,000 | |
| | Total Repairs | | | 1,80,000 | 215910 | |

3160/3161

Madras
10th October 1884. KS

Lewis Sweeney Lt
Actg Engineer 5th Circle

Lt Col RE.

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92

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93

To
The Chief Engineer
S.W. Distt.

Dated 10th } October 1884
Recd. }

No 2666

Imperial Military

Statement showing the
probable Expenditure on
works during 1884-85

93

Imperial
Military works

Detail of Budget Estimate for Original works for the year 1885-86

| Hd of Classification | Section No | Locality | Item No | Projects & Works | Amount of Estimate 1884 | Outlay 1884-85 | Grant 1885-86 actual Probable works to be done during 1885-86 | Grant 1885-86 works in progress | Grant 1885-86 works not Commenced | Total | Item No | Remarks & reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

Imperial Ordinary
Military
Original Works

Accommodation for troops.

Buildings for native troops

Trichinopoly

Trichinopoly

1 Constructing two Latrines for the use of the 2nd Native Infantry Regiment . . . . . 1 To be done by sepoy labor

2. ___ Do ___ Do four Latrines for the 30th Native Infantry _____ . . . . . 2 To be done by sepoy labor

3160
3161

3 Two Bells of arms and quarter guard Combined for two Native Infantry Regiments at Trichinopoly _____ 2063.

4 Combined Magazine for two Native Infantry Regiments at Do _____ 5140

5. Combined solitary Cells for two Regiments of Native Infantry at Do. _____ 1950

138 9,500 " . 23,000 3 to 7

G.O No 2194. W of 5-9-82
Note 1. Bill of arms & 1 armourer shop completed. Application for Rs 5,000 made for 1885-86 to Commence the other buildings. If granted Rs 18,000 only require for 1885-86.

94

Imperial
Military works

(Trichinopoly Fort)

Detail of Budget Estimate for Original works for the year 1885-86

| Hd of Classification | Executive Div | Locality | Item No | Projects & Works | Amount of Estimate | Actual Outlay to end of 1884 | Probable Outlay during 1884-85 | Grant 1885-86 works in progress | Grant 1885-86 works not commenced | Total | Item No | Remarks & reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Accommodation for Troops Buildings for Native Troops | Trichinopoly | Trichinopoly | 6. | Two Armourers shops for two Regiments of Native Infantry at Trichinopoly | 4,660 | | | | | | | |
| | | | 7. | Combined store rooms for ___ Do ___ Do ___ | 3,370 | | | | | | | |
| | | | | Total | 35600 | | | | 8,323 | | | |

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Sup.g Engineers Office VI Circle.
Trichinopoly 13th October 1884.

Lieut Col. R.E.
Superintending Engineer VI Circle.

95

Imperial
Military works

(Thomas Neville
Vol I

# Detail of Budget Estimate for Original works for the year 1885-86

| Hd of Classification | Section No | Locality | Item No | Projects & Works | Amount of Estimate | Actual Outlay 1884 | Probable Outlay 1884-85 | Grant 1885-86 works in progress | Grant 1885-86 works not Commenced | Total | Item No | Remarks & reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

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3161

6: briefs

Dated 13: Oct/82.

Imperial

Military works

Part I

Detail of Budget estimate for original works for 1885-86.

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with 6: spare copies

P 2

HEADING

ACCOUNTS.

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

No. 1131-M-W.

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

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*Extract from the Proceedings of the Government of India, Military Department, under date Simla, the 5th November 1884.*

Distribution of the Imperial grant for Military Works for 1885-86.

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RESOLUTION.—The following is the provisional distribution of the grant for 1885-86 :—

| | Rs. |
|---|---|
| Reserved with the Government of India ... ... | 3,00,000 |
| Central India ... ... ... ... | 3,00,000 |
| Hyderabad ... ... ... ... | 2,00,000 |
| Rajputana ... ... ... ... | 2,00,000 |
| Military Works Department ... ... ... | 57,00,000 |
| Central Provinces ... ... ... ... | 1,50,000 |
| British Burma ... ... ... ... | 4,75,000 |
| Assam ... ... ... ... | 2,00,000 |
| Bengal ... ... ... ... | 60,000 |
| North-Western Provinces and Oudh ... ... ... | 1,15,000 |
| Punjab ... ... ... ... | 2,50,000 |
| Madras ... ... ... ... | 6,50,000 |
| Bombay ... ... ... ... | 13,00,000 |
| Marine Department ... ... ... ... | 1,00,000 |
| Total ... | 1,00,00,000 |

2. These grants include provision for any expenditure that may be incurred in England on stores for works classed as Military.

3. 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 1885.

97

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

Also to the Quarter Master General, Accountant General, Public Works Department, and Accountant General, Military Department, for information.

(Sd.) G. CHESNEY,

*Secretary to the Government of India.*

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.

A. 3644 w 19. 12. 83
.. 858 w 31. 3. 84
.. 2559-7 w 18. 10. 84
.. 2594 w 22. 10. 84
.. 2627 w 27. 10. 84
.. 2668 w 29. 10. 84
B 2769 6. 11. 84
1280 d 23. 7. 84
B. 1950 w 11. 8. 84
A. 2191 w 5. 9. 84
.. 2244 w 12. 9. 84
.. 2245

C. G. B. Press, Simla.—No. 1753 M. D.—7-11-84—570.

Military Works.
1885/86.

QUARTERMASTER-GENERAL'S OFFICE

Ootacamund,
12th December 1884.

No. 2414. A.

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From

THE QUARTERMASTER-GENERAL,

To

THE Under Secretary to Government
Public Works Department.

SIR,

With reference to your No: 1926/1 C of 10th Instant, I have the honor, by order, to state that the papers received under your No: 1926 C. of 21st Ultimo, relative to the distribution of Military grants for 1885/86, have been forwarded on to His Excellency the Commander-in-Chief on tour, and, immediately they are received back, the required reply will be furnished you.

I have the honor to be
Sir.
Your obedient Servant

98 A Hutchins
Major.

Offg. Dy. Qr. Mr. Genl.

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99

1884. Mch 0380

P. W. Department.

No:

Urgent

Chepauk

No. 2075 C 15th Dec 84

Submitted to

His Excellency the Commander-in-Chief, with request that the budget papers herein referred to may be returned at early convenience.

The budget has to be framed, printed, and despatched so as to reach Calcutta by the 15th January — the Xmas holidays mean-while intervening.

P. MacStewart Col R.E.
15-12-84
Secretary to Government
P. W. Department

C.S. 15.12.84 To His Excellency the Commander-in-Chief

From

The Qr Mr General.

To

The Under Secy: to Govt:
P. W. Dept:

No: 2414-A.

Dated 12th December.
Recd 15

Subject.

Relative to distribution of military grant for 1885/86.

Submitted.

Urgent.

QUARTERMASTER-GENERAL'S OFFICE,
Head Quarters, Madras
Ootacamund,
17th December 1884.

No. 102.

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3161

From

THE QUARTERMASTER-GENERAL,

To

THE Secretary to Government
Public Works Department,

SIR,

From Q.M.G. No. 2414 A of 12th Dec. 1884.

In returning the letter as per margin received under Your Number 2075 of 15th Instant to the address of the Commander in Chief, I am desired to return the papers referred to.

Returned R.S. 17/12/84

With reference to Your Number 1962 C of 28th November 1884, I am to remark that His Excellency does not see the possibility of diverting any of the funds entered in the Statement received with Your No. 1926.C of 21st November, from the Works for which they have been allotted, to the Construction of a Carpenter's Shop at the Gun Carriage factory.

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

R. MacStewart Brigr. Genl.
Quarter Master General.

600

GO

1884.

From
The Quarter Master Genl

To
The Secy: to Govt:
G.W.D.

Dated 17th Dec.
Recd 17

SECRETARY TO GOVERNMENT
17 DEC 94
MADRAS

No. 102

Encls. 3.

Relative to funds for the Construction of a Carpenter's Shop at the Gun Carriage Factory.

No. 2804.

Gun Carriage Factory,
Madras.
7th November 1884.

From

The Superintendent,
Gun Carriage Factory.

To

The Inspector General of Ordnance,
Fort Saint George

3160
3161

Sir

I have the honor to bring to your notice that the late rains have put this Factory to a great deal of inconvenience especially in the Carpenters Shop, where it is necessary to work at Carriages. The Carriage and Carpenters shop occupy the Verandahs of the main building, where the turners and drillers shops are, and the spray and rain is driven into the shop if there should be any wind at all, and the spray and rain also falling into the upper Verandah empties itself in the Carpenters shop below. I would also beg to bring to your notice that when Carriages are being Constructed, it is necessary for the want of space to work at them in the open air, and if it should happen to rain all work on them has to be partially stopped.

2. I would therefore request that you will be good enough to lay before Government the inconvenience this Factory is put to, for the want of a suitable workshop for the Carpenters, and that Government be asked to sanction Specially the erection of the workshop which I see by Proceedings of Government No 5298 dated 29th October 1884 is calculated to cost Rs 7,300 ——

O.R. 2556
18/10/84

102

I have &c.
(signed) H. McLeod Colonel
Supt. Gun Carriage Factory.

P.S.O.

Ordnance Office
Fort Saint George
14th November 1884.

No 8583.

Forwarded to the Superintending Engineer V. Circle, with a request that he will be good enough to state when it is likely that the work referred to will be put in hand. It is urgently required, and there is but little question, but that from want of proper accommodation, and protection from rain, work is delayed, and that Government is proportionately put to loss. The return of the Superintendents letter is requested.

(Signed) L. Chamier Colle R.A.
Insp. Genl. of Ordnance.

To
The Superintending Engineer,
V. Circle.

(True Copies)

L. Wheeler Major R.A.
Assist to the Inspector General
of Ordnance Office
(In Ch. Ord. office)

Superintending Engineer's Office.
5th Circle, Madras,
Chepauk 19th November 1884.

No 3188.

From,

The Superintending Engineer,
5th Circle.

To

The Inspector General of Ordnance;-

Sir,

3180/3181

Enclosure 1

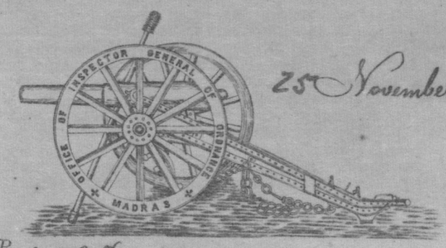
In returning your Indorsement No 8583 dated 14th Instant, I have the honor to state, that I do not see the least chance of the new wheel wrights Shop being commenced in the present Official year.-

I sent to you with my letter No 2735 of the 15th Ultimo the Estimate of Rupees 7370. but this can hardly find entry in the Budget for next year. If however, you can induce the Government to allow funds early in next Official year, the work could be done by the time that the heavy rain is due in the next N. E. monsoon.-

I have &c
(Signed) H. L. Prendergast Coll: R.E.
Superintending Engineer,
5th Circle.-

(True Copy)

L. Wheeler Major R.A.
Asstt. to the Insp. Genl. of Ordce.
(In Ch. Ord. Office)




25 November 1884.

No. G 107

From

~~Colonel S. CHAMIER~~ ~~Asst. to the~~ Major C. W. Brereton R.A.
Inspector General of Ordnance.
(In charge Ordnance Office)

To

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

Chepauk.

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Sir,

I have the honor to forward, for the information of the Right Honorable the Governor in Council, copies of correspondence between the Superintendent Gun Carriage Factory, this Office, and the Superintending Engineer 5th Circle, and request that funds may be allotted as early as possible for the erection of a Carpenters' Workshop at the Gun Carriage Factory.-

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

C. Brereton Major R. A.,
Asst. to the Inspector Genl. of Ordnance,
(In charge Ordnance Office)

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Public Works
~~Military~~ 1884 } Department.

No. 1962C dy 28th Nov. 1884

**No.**

From Public Works
The Inspector General of Ordnance,
~~Ch. Engr. to the Govt.~~ Fort Saint George.

To

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

Chepauk.

DATED 25 November 1884.
RECEIVED

Referred to the Quarter Master General for consideration in connection with the proposed distribution of funds made in this office letter No. 1926C dated 21st November 1884.

By order
C. Owen, Majr RE
Deputy Chief Engineer
P.W. Depth

No. G 107.

Requesting that funds may be allotted for the erection of a Carpenters Workshop at the Gun Carriage Factory.—

To The Quarter Master General
in original to be returned.

Referred

Urgent

QUARTERMASTER-GENERAL'S OFFICE,
~~Head Quarters~~
~~Octacamund~~,
Madras 17th December 1884.

No. 103.

From

THE QUARTERMASTER-GENERAL,

To

THE Chief Engineer
Public Works Deptt.
Madras

SIR,

3160
3161

No: 1134 M W. S.
Simla 5th Instt: 1884.

Adverting to your No: 1926C of 21st November forwarding copy of Resolution of the Government of India as per margin giving the Imperial Grant for 1885/86 for this Presidency at Rs. 6,50000, and a statement showing in detail the allotment of the sum available for distribution, I am desired to remark that the following items

i Bangalore - Accommodation for one Native Infy. Regiment (less Hospital) — Cost Rs. 14,610 ✓

ii Bellary - Water supply to Barracks R.A. & British Infantry — 3000

iii Bangalore Stone Rooms & Workshops for the Pioneer Regiment — 3000 ✓

iv Wellington - Additional Hospital accommodation for Women & Children — 5000 ✓

v. St Thomas' Mount - Coffee Shops, three in number - one for each North Scotts & New Artillery Barracks - 9000 ✓

186

which

which were originally entered in Class B as works of special urgency and for which funds are greatly needed have been included from the list furnished with your letter under reply.

2 The Commander in Chief would beg that the Government of India may be again addressed, in view of a special grant being made for these very important Works.

3 Beyond this His Excellency sees no reason to make any alteration in the distribution of works as detailed in the Statement above referred to.—

I have the honor to be
Sir
Your Obedt Servant
Westward — Brigr General
Quarter Master General —

Encl

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67

1884 Feb 628

From the Lt Governor
To the Chief Engr
P W D

RECEIVED IN THE INDIA OFFICE
17 DEC 84
PUBLIC DEPARTMENT

Dated 17th
Recd 17th } Dec

No. 103

Approving of the Statement distributing funds for extraordinary Irrigation Works & claiming that the Govt of India may be addressed in future of Specific grant being allowed for such works as are omitted in the Statement

Sent

No. 3160. W

3160
3161 P. W. Department

Proceedings of the Madras Government

under date the 27th Dec./84

Read the following:—

From the S. E. I. Circle H.E. No. 275. G.L. dy 23rd Octr/84
" " " II. Circle " " ——— dy 3rd Octr/84
" " " III. Circle " " ——— dy 18 Septr/84
" " " IV. Circle " " 466. E.W. dy 10th Octr/84
" " " V. Circle " " 2665 dy 10th Octr/84
" " " V. Circle " " 2666 dy 10th Octr/84
" " " VII. Circle " " ——— dy 13th October/84

Extract from the Proc: of the Govt: of India, Finly: Dept: dated, Simla 5th November/84, No. 1131. M. W

From the Dy Master General No. 103 dy 17th December/84.
——— Do ——— " ~~104~~ 102 dy 17th December/84.
——— Do ——— " 103 dy 17th December/84

4 108

In the resolution read above, the Govern=ment of India have

provisionally assigned
Rs 6,50,000 as the grant
for the military works
of this Presidency for
1885-86. The distribution
of this grant, under
departmental heads, is
as follows:—

| | | |
|---|---|---|
| Original Works | Major | 2,09,646 |
| | Minor | 20,000 |
| Repairs | | 2,94,549 |
| Establishment | | 1,20,563 |
| Tools & Plant | | 5242 |
| Total Rs | | 6,50,000 |

The allotment of the
grant to major works has
been approved by His
Excellency the Commander-
-in-Chief. The grants
for minor original works
& repairs will be held



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at the disposal of
Government, to be
appropriated early
next year on receipt
of detailed proposals
from Suptg: Engineers,
and from A.G. the
Commander-in-Chief
in the case of grants to
be placed at the disposal
of officers of the military
department. The Government
of India will be specially
requested to assign funds
for the following works
which His Excellency
the Commander-in-Chief
considers to be of great
urgency. The plans and

609

estimates should, however, first be prepared; and this matter will engage the early attention of the Supty: Engineers concerned.

1. Madras — Erection of a carpenters workshop at the gun carriage factory.

18. St. Thomas' mount — Coffee shops 3 in number one for each North, South & new artillery barracks.

28. Bellary — Water supply to Barracks R. A. & B. Infantry

34. Bangalore — Accommodation for a native Infantry Regiment

45. — do — Store room & workshops for the Pioneers Regiment.

56. Wellington additional Hospital accommodation for women & children.

The grant originally assigned by the Government of India, for 1884-85, was ℔ 6,50,000. This was altered during the year, and finally stood at ℔ 6,12,800, which was the amount of the revised estimate submitted to the Government of India. The variations between the original and revised estimates are explained in the margin.

With these remarks the Preliminary Issue of the Military works budget Estimates for 1885-86 will be printed and circulated to the officers concerned, and four copies forwarded to the Government of India. H.E. № 3161. W. a/ 27th Dec/84

1. Copy of the above

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86

* Original Grant ——— ℔ 6,50,000

Deduct
Amount disallowed in para 4 of Govt: of India letter № 278. M. W. a/ 13th March/84, printed with G.O. № 858. W. a/ 31st March 1884 ——— 59,400

5,90,600

Add
Amount of special grant sanctioned by Govt: of India in their letter № 1017. M.W a/ 10th Octr/84, communicated in G.O. № 2594 W a/ 22nd Octr/84 — 16,000

Amount reallotted in Govt: of India letter № 1052. M. W a/ 20th Octr/84, communicated in G.O. № 2668. W a/ 9th Octr/84 — 6,200

Final grant ——— ℔ 6,12,800

110

forwarded to the Govt.
of India.

CB.
26.12.88

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4.
S. E. S
Ex: P.W. accts.
Mily: Dept:
Fml: Dept:

RS

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Govt. of (1884) Gladra

PUBLIC WORKS.

Dated 31/12

Rec'd Encl. 1

G.O. 27 Dec. 1884. No. 3160
& 3161

Bridge works Budget
Estimates

Preliminary copy
Circulating the Estimates for

979