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G.O.Ms 2253 (W) dt
Public Works Department
dated 22.8.89

R.S.M

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 23rd July 1887, No. 2598 A.:—

The Commander-in-Chief has observed that, though in paragraph 4 of G.O., No. 3326 W., dated 17th December 1886 (M.D., No. 116, dated 8th January 1887), Government noted its intention of asking the Government of India to renew such portion as remained unspent of its special grant of 1886-87 for works connected with the provision of increased accommodation for British troops, the order No. 1160 W., dated 28th April 1887 (M.D., No. 2867, dated 16th May 1887), in the final issue of the budget for 1887-88 contains no reference to this renewal, and that, in the case of the estimate for alterations to the north and south barracks, St. Thomas' Mount, the Government in the Public Works Department ordered (1755 W., dated 29th June 1887) that the Superintending Engineer should apply to the General officer commanding Eastern district for the requisite funds.

2. His Excellency therefore concludes that the special grant in question was not renewed, and he accordingly thinks it incumbent on him to represent to Government the impossibility of drawing upon the ordinary grants for the year to meet such extraordinary demands, as those in connection with the provision of extra accommodation, which at present are represented by the works marginally noted.

| | |
|---|---|
| New latrine. | Estimates awaited. |
| New wash-house for new E. A. barrack in Fort St. George. | |
| Alterations to barracks, St. Thomas' Mount ... ... ... ... | Rs. 835. |

Proceedings of Government, No. 4146, dated 16th July 1887.

3. Sir C. Arbuthnot trusts that the small sums required to provide for the works in question, which are urgent ones and ought to be executed as soon as possible, may not be required to be found from the already reduced minor works grant for the year, which, as shown in this office letter, No. 2402 A., dated 16th instant, is already too small for requirements.

No. 4538, Military.

Transferred to the Public Works Department for favorable consideration, in continuation of Military Department No. 4305, dated 18th July 1887.

(By Order.)

OOTACAMUND,
28th July 1887.

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

ORDER—dated 22nd August 1887, No. 2253 W., Public Works.

In paragraph 2 of the Quartermaster-General's letter, recorded in G.O., No. 1931 W., dated 25th July 1887, it was intimated that a sum of Rs. 835 had been

provided for improvements to the north and south barracks at St. Thomas' Mount. For the new latrine and wash-house required for the Royal Artillery in Fort St. George, estimates have not yet been received, and the Superintending Engineer, V Circle, will be requested to expedite their submission. Until the estimated cost of these works is known, it will not be desirable to apply to the Government of India for a special allotment of funds.

(True Extract.)

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

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

Fwd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1887) Madras.

PUBLIC WORKS.

*Dated August, 22nd.*

*Read.* *Encl.*

G.O., 22nd Aug. 1887, No. 2253 W.

AUGUST.

**Military Works**

Orders on letter from the Quartermaster-General requesting that funds may be allotted for certain—.



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Account.

READ—the following papers :—

| | | | | | | |
|---|---|---|---|---|---|---|
| From the Superintending Engineer, | I | Circle, | dated | 1st | November | 1886. |
| ,, ,, ,, | II | ,, | ,, | 22nd | October | ,, |
| ,, ,, ,, | III | ,, | ,, | 20th | September | ,, |
| ,, ,, ,, | IV | ,, | ,, | 9th | October | ,, No. 378 E.W. |
| ,, ,, ,, | V | ,, | ,, | 17th | ,, | ,, ,, 3587. |
| ,, ,, ,, | V | ,, | ,, | 17th | ,, | ,, ,, 3588. |
| ,, ,, ,, | VI | ,, | ,, | 30th | ,, | ,, ,, 1094 T.J. |

Extract from the Proceedings of the Government of India in the Military Department, under date Simla, the 1st November 1886, No. 1672-M.-W. (Accounts).

*Resolution*—

The following provisional distribution of the Imperial grant for Military works for 1887-88 is hereby notified :—

| | Rs. |
|---|---|
| Central India ... ... ... ... ... ... ... | 1,50,000 |
| Hyderabad ... ... ... ... ... ... ... | 1,75,000 |
| Rajputana ... ... ... ... ... ... ... | 1,50,000 |
| Military Works Department ... ... ... ... ... ... | 58,00,000 |
| Central Provinces ... ... ... ... ... ... ... | 1,25,000 |
| Lower Burma ... ... ... ... ... ... ... | 2,50,000 |
| Assam ... ... ... ... ... ... ... ... | 1,75,000 |
| Bengal ... ... ... ... ... ... ... ... | 40,000 |
| North-Western Provinces and Oudh ... ... ... ... | 1,10,000 |
| Punjab ... ... ... ... ... ... ... ... | 2,50,000 |
| Madras ... ... ... ... ... ... ... ... | 5,50,000 |
| Bombay ... ... ... ... ... ... ... ... | 11,00,000 |
| Total ... | 88,75,000 |
| Leaving for reserve with the Government of India and for the requirements in Upper Burma ... ... ... ... | 11,25,000 |
| Total ... | 1,00,00,000 |

2. The above allotments include provision for any expenditure that may be incurred in England on stores for works classified as Military.

3. The 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 1887.

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

*Order*—

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

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

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

(Signed) O. R. NEWMARCH, Major-General,
Secretary to the Govt. of India.

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

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From Brigadier-General E. FAUNCE, Officiating Quartermaster-General, to the Secretary to Government, Public Works Department (through the Secretary to Government, Military Department), dated Bangalore, 1st December 1886, No. 51 T.

I have the honor, by order, to acknowledge the receipt of your letter, No. 4067 C., dated 18th instant, forwarding a copy of the Resolution of the Government of India, which distributes the Imperial grant for Military works in 1887-88, and submitting, for the consideration of the Commander-in-Chief, a statement showing the proposed detail allotments for major works of the grant to this presidency.

2. The Provincial Commander-in-Chief observes with regret that the grant made to Madras for the coming year falls short by no less a sum than one lakh of the amount sanctioned for the current year; he was in hopes that with the support of the Madras Government the repeated representations made of late years, showing, as they did, that for years past funds given have not admitted of either the execution of a proper proportion of new works, or the maintenance of existing works in proper repair, would have secured to the presidency more liberal treatment in the future.

3. It is therefore a serious disappointment to him to find that, in the coming year, the unfortunate condition of military works required and in existence will be aggravated instead of relieved.

4. As regards the details of the proposed distribution of the small grant for major works, General Rowlands desires me to offer the following observations:—

i. Although the additional buildings at Malapuram for 50 more men, and for canteen accommodation have not been sanctioned, the increase of the garrison of that outpost by 50 men has been approved by Government,* and estimates for the requisite accommodation have been called for, so that the Provincial Commander-in-Chief considers it essential that the preliminary budget estimate should contain provision for this work.

* Proceedings of Government (Military Department), No. 7124, dated 16th November 1886.

ii. Similarly General Rowlands would wish that provision should be made for adopting the existing magazine in Fort St. George for storage of powder for Fort armament, a work which the Government of India required to be carried out instead of a new magazine on the berm, and which the Executive Engineer, Presidency, some years ago said would cost Rs. 17,000.

iii. The item of barrack accommodation for 100 men at Calicut, the Provincial Commander-in-Chief considers, may remain unprovided for in the coming year, as the location of the extra number of men at that station has not yet been suggested to Government.



5. Assuming that it is now too late to hope for any addition to the grant, it remains to be considered how funds are to be provided for the two works above mentioned, which the Provincial Commander-in-Chief would wish to find a place in the budget.

6. I am accordingly to suggest that the works, items 6, 10, 13, 14 of the statement (herewith returned), be omitted, and that the allotments made to the works, items 7 and 12, be reduced by Rs. 5,000 each, if necessary, so as to meet the probable demands for the two works to be inserted, item No. 10 being retained, if possible, to meet requirements without making use of the grant proposed for it.

7. I am to take this opportunity of mentioning that it is presumed the Government of India will be prepared to renew such portion of its special grant for works connected with increased accommodation for British troops, consequent on augmentation, as may remain unexpended at the end of the current year; far from delay in submission of estimates and other causes, there seems at present reason to anticipate that the works which are contemplated to be met from this source will not be fully carried out before the close of this year.

8. Before closing, I am to observe that in the statement a sum of Rs. 7,946 is entered as having been expended up to 1885-86 on the improvements to the wash-houses, parade barracks, Bangalore, item 1; but this office has no knowledge of any work in connection with these wash-houses having been executed.

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No. 7523, Military.

Forwarded.

FORT ST. GEORGE,
3rd December 1886.

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

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ORDER—dated 17th December 1886, No. 3326 W., Public Works.

The grant of Rs. 5,50,000 provisionally sanctioned by the Government of India in their Resolution recorded above, for expenditure on Military works in this presidency during 1887-88, will be distributed as shown below, under departmental heads:—

| | Rs. |
|---|---|
| Works ... ... ... ... ... ... ... ... ... | 4,42,550 |
| Establishment ... ... ... ... ... ... ... ... | 1,03,030 |
| Tools and plant ... ... ... ... ... ... ... | 4,420 |
| Total ... | 5,50,000 |

2. Of the sum of Rs. 4,42,550 available for works, Rs. 3,00,000 for repairs and Rs. 20,987 for minor original works have been set aside; and the balance, Rs. 1,21,563, has been distributed to major works with the approval of the Provincial Commander-in-Chief. The amounts set aside for repairs and minor original works will, as usual, be held at the disposal of the Government and will be appropriated early next year on receipt of detailed proposals from the Superintending Engineers. After providing for incomplete works of the current official year, and for such of the minor new works as are considered emergent, the balance of the minor original works grant will be placed at the disposal of the Officers Commanding Divisions and Districts.

3. The Superintending Engineers concerned will submit, without loss of time, plans and estimates for the unsanctioned works for which funds have been provided during the year.

4. In the budget for the current official year a special grant of Rs. 44,000 (including establishment and tools and plant) was provided for the marginally-noted buildings required in connection with the increased strength of British troops. For causes mentioned in paragraph 7 of the Quartermaster-General's letter recorded above, the greater portion of this grant will lapse at the close of the current official year, and the Government of India will be requested to renew next year such portion of the grant which may remain unspent.

Alterations and additions to—
(1) Blocks of married quarters and to the buildings occupied by the office of the Surgeon-General, Fort St. George, Madras.
(2) Stables for 86 extra horses, British Cavalry, Bangalore.
(3) Alterations to the British Cavalry barracks, Bangalore.
(4) Improvements to the old barracks, St. Thomas' Mount.

5. The special attention of the Government of India will be drawn to the remarks in paragraphs 2 and 3 of the Quartermaster-General's letter.

6. With reference to paragraph 8 of the Quartermaster-General's letter, the Superintending Engineer, V Circle, will furnish the details of the expenditure of Rs. 7,946 recorded in the accounts for 1883-84 as having been incurred on the alterations to the parade barracks, Bangalore—Item No. 4, Class B Works.

7. The budget grant for 1886-87 was Rs. 6,44,400. This was subsequently reduced to Rs. 6,15,865, the difference having been withdrawn by the Government of India.

8. With these remarks the preliminary issue of the Military works budget estimate for 1887-88 will be printed and circulated to the officers concerned, and four copies will be forwarded to the Government of India.

(Here enter No. 3327 W., dated 17th December 1886.)

(True Extract.)

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

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

---

Letter—to the Secretary to the Government of India, Military Department, dated Fort St. George, 17th December 1886, No. 3327 W.

With reference to Government of India Resolution, No. 1672-M-W., dated 1st November 1886, I am directed to forward four copies of the preliminary issue of the Madras Military works budget for 1887-88, prepared for the provisional grant of Rs. 5,50,000 sanctioned by the Government of India.

2. I am at the same time to draw the earnest attention of the Government of India to the remarks in paragraphs 2 and 3 of the Quartermaster-General's letter, No. 51 T., dated 1st December 1886, printed with the proceedings* herewith forwarded. The allotments sanctioned for the ensuing year are compared below with the demands detailed in the schedule of requirements forwarded with my letter, No. 2498 W., dated 25th September 1886:—

* No. 3326 W., dated 17th December 1886.

| | Demands. | Provisional grant. |
|---|---|---|
| | Rs. | Rs. |
| Major works ... ... ... ... ... ... | 4,85,730 | 1,21,563 |
| Minor do. ... ... ... ... ... ... | 1,20,000 | 20,957 |
| Repairs ... ... ... ... ... ... | 2,50,000 | 3,00,000 |
| Establishment ... ... ... ... ... | 2,19,817 | 1,03,030 |
| Tools and plant ... ... ... ... ... | 9,553 | 4,420 |
| Total ... | 11,85,100 | 5,50,000 |



The grant for 1887-88 is thus less than the demand by Rs. 6,35,100, and one lakh less than the provisional assignment sanctioned for 1886-87. The unfortunate condition of Military works in this presidency has repeatedly been brought under the notice of the Government of India, and in my letter, No. 2498 W., dated 25th September 1886, the Government of India was urged to make a specially liberal grant for 1887-88, but notwithstanding this appeal the grant assigned is even less than that given in previous years. This result is extremely disappointing both to this Government and to His Excellency the Commander-in-Chief, and I am to urge upon the consideration of the Government of India the question of extending more liberal treatment to Madras in the distribution of Imperial allotments, and of increasing, if possible, the provisional assignment for 1887-88.

3. The items in the budget, for which estimates have not yet been sanctioned, have been entered at the special request of the Commander-in-Chief, and as it is hoped that the estimates will shortly be ready, I am to request that the amounts provided may be allowed to stand.

4. I am to invite the attention of the Government of India to the remarks in paragraph 7 of the Quartermaster-General's letter relative to the renewal next year of the unexpended portion of the special grant made this year for works connected with increased accommodation for British troops.

5. I am further to invite the attention of the Government of India to my letter, No. 2293 W., dated 10th September 1886, and to point out that no provision whatever has been made for commencing in 1887-88 the project for improving the water-supply of the garrison of Bangalore, a work essential to the health of the troops at that station.

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

Fxd. P. L. Pereira.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of [1886] Madras.

PUBLIC WORKS.

*Dated December 1886.*

*Read.* *Entd.*

G.O., 17th Dec. 1886, Nos. 3326, 3327 W.

DESPATCH.

**Budget Estimate**

*Imperial Military works — for* 1887-88.—The preliminary issue of the —, forwarded to the Government of India with remarks.

29TH JUNE 1887, No. 1735 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 8th June 1887, No. 2078 A :—

Referring to G.O., No. 5471, of 6th September 1886, and this office No. 3316 A., of 13th idem, I am desired to state that the special committee assembled to report on the barracks at the Mount gave it as their opinion that certain of the defects mentioned in the report of the military station of St. Thomas' Mount in 1865 might be remedied, and that then these barracks might be fit for temporary occupation, not exceeding six weeks or two months, if the following precautions are adopted :—

I. That at no time the number of men quartered in the barracks exceed 72.

II. That surface drains be made round the barracks so as to carry off the water, now dripping from the roof, to the existing drains or away from the barracks.

III. That additional ventilation be provided through the roof of the main room and inner verandahs by means of T-shaped pot ventilators of 9 inches diameter, three being fixed opposite each archway.

IV. That the punkahs be hung in the centre room so that the men can sleep therein in the punkah season, and that punkah apparatus be arranged accordingly.

2. Considering the very limited accommodation for British troops provided in Fort St. George, until the military accounts offices are vacated, the Commander-in-Chief is of opinion that it is essential the north and south barracks at the Mount should be improved to such extent as is possible, so that they may be made available for use temporarily, with the least risk of danger to the health of the troops placed in them, on the frequent occasions when demands for extra accommodation arise.

3. His Excellency accordingly directs me to submit, for the early sanction of Government, the accompanying estimates, amounting to Rs. 835, framed on the recommendations of the committee.

4. It is concluded that the necessary funds for the purpose are available, with reference to paragraph 4 of G.O., No. 3326 W., of 17th December 1886, Military No. 116 of 8th January 1887.

No. 3496, Military.

Approved, and transferred to the Public Works Department for further necessary action.

(By Order.)

OOTACAMUND, 14th June 1887. (Signed) A. R. KENNEY-HERBERT, Brigdr.-Genl., Secretary to Government.

ORDER—dated 29th June 1887, No. 1735 W., Public Works.

The undermentioned estimates, aggregating Rs. 835, connected with the barracks at St. Thomas' Mount, are sanctioned for immediate execution :—

Imperial, Ordinary.
Military.
Original Works.

Improving the south barracks ... ... Rs. 435 No. 16/1 W. of 1887-88
" north " ... ... " 400 " 16/2 " of "

2. The Superintending Engineer, V Circle, will obtain the necessary funds from the Officer Commanding the Eastern District.

(True Extract.)

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

To the Superintending Engineer, V Circle, with four enclosures.
" Examiner, Public Works Accounts, with two estimates for note and return to Superintending Engineer, V Circle.
" Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of Madras. 1887

PUBLIC WORKS.

*Dated June, 29th.*

*Read.* *Read.*

G.O., 29th June 1887, No. 1735 W.

JUNE.

**North and South Barracks at St. Thomas' Mount**

Estimates, aggregating Rs. 835, for improving the —, sanctioned.

25TH JULY 1887, No. 1981 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 15th July 1887, No 2486 A :—

Referring to G.O., No. 1617 W., of 15th June 1887 (Military No. 3930 of 4th July 1887), I am desired to state, for the information of Government, that the amount of the minor works grant for 1887-88, viz., Rs. 9,373, therein placed at the disposal of General Officers Commanding Divisions and Districts, has been distributed as under :—

| | Rs. |
|---|---|
| Eastern district ... ... ... ... ... ... ... ... | 2,500 |
| Bangalore division ... ... ... ... ... ... ... | 2,100 |
| Southern district ... ... ... ... ... ... ... ... | 2,573 |
| Ceded districts ... ... ... ... ... ... ... ... | 1,800 |
| Belgaum district (for Mangalore) ... ... ... ... ... | 400 |
| Total ... | 9,373 |

2. Out of the Rs. 2,500 thus allotted, the General Officer Commanding Eastern District has been requested to make over Rs. 835 to the Superintending Engineer, V Circle, for improvements to the north and south barracks at the Mount, in accordance with G.O., No. 1735 W., of 29th June 1887 (Military No. 4146 of 13th July 1887).

No. 4302, Military.

Transferred to the Public Works Department.

(By Order.)

OOTACAMUND, 15th July 1887. (Signed) A. R. KENNEY-HERBERT, Brigdr.-General, Secretary to Government.

ORDER—dated 25th July 1887, No. 1981 W., Public Works.

Communicated to the officers concerned, in continuation of G.O., No. 1617 W., dated 15th June 1887.

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies.

GENERAL ACCOUNT.

Govt. of Madras. (1887)

PUBLIC WORKS.

*Dated July, 25th.*

*Read.* *Enclt.*

G.O., 25th July 1887, No. 1981 W.

JULY.

**Minor Works Grant, Military, for 1887-88**

Report from the Military Department, showing the distribution, among the General Officers Commanding Divisions and Districts, of the amount of the —, which was placed in lump at their disposal, communicated to officers concerned.



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Account.

READ—the following letter from Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 16th July 1887, No. 2492-A.:—

In acknowledging the receipt of Proceedings of Government, Military Department, No. 3930, dated 4th July 1887, communicating to the Commander-in-Chief Proceedings of Government, Public Works Department, No. 1617 W., dated 15th June 1887, in which orders were passed on the demands of Superintending Engineers on account of incomplete and minor new works, I am desired to bring to the notice of Government that such alienation of funds as therein sanctioned are especially fatal to the execution of minor new works, the accumulation of which is annually brought to the notice of Government with the object of obtaining specially large grants for this class of works.

2. In the official year 1886-87, out of a nominal large grant of Rs. 29,864 for minor new works only Rs. 10,390 were actually made available for those works of every class, the balance of Rs. 19,474 having been alienated as shown in the margin.

| | | Rs. |
|---|---|---|
| To incomplete major works, 1885-86. | | 8,121 |
| To incomplete minor works | " | 7,493 |
| To a repair work of 1886-87 | ... | 3,860 |
| Total | ... | 19,474 |

| | | Rs. |
|---|---|---|
| To incomplete major works, 1886-87. | | 4,151 |
| To incomplete minor works | " | 6,239 |
| Total | ... | 10,390 |

3. It was assumed that these alienations were exceptional consequent on the surrender of funds which had to be made in the previous year (1885-86) to meet the urgent demands of the Government of India; but in the order now under notice the alienations as per margin have been sanctioned reducing the grant for minor works of all classes from Rs. 20,987, a very small sum, to Rs. 10,597, or by about half.

4. The efforts made to induce the Government of India to allot larger sums annually for minor works to this Presidency having apparently been unsuccessful, Sir Charles Arbuthnot trusts that the Public Works Department may be moved, if possible, to avoid in future making such alienations as those above described from the very small grants obtained, the whole of which His Excellency considers ought ordinarily to be expended upon the class of works for which they are intended.

No. 4305.

Transferred to the Public Works Department for favorable consideration.

(By Order.)

OOTACAMUND, 19th July 1887.

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl., Secy. to Govt., Mily. Dept.

ORDER—dated 4th August 1887, No. 2077 W., Public Works.

In the letter above recorded, His Excellency the Commander-in-Chief points out that, of the sum of Rs. 20,987 reserved in the Military Works budget for 1887-88 for minor new works, a sum of Rs. 10,390 was alienated for incomplete works of 1886-87, thus leaving the small sum of Rs. 10,597 for minor new works in 1887-88.

2. The Government admit the undesirableness of thus diverting funds from the small amount which can be set aside for minor new works, the list of which has been constantly growing of late years, but they regret that, without trenching on the small grant for major new works, there was no other source available from which funds could have been allotted for the completion of the unfinished works of the past year.

3. In the schedule of demands forwarded with this department letter, No. 2498 W., dated 25th September 1886, a grant of Rs 11,85,100 was asked for, but notwithstanding the urgent representations made by this Government in their letters marginally noted, copies of which will be forwarded for His Excellency the Commander-in-Chief's information, the Government of India * felt themselves unable to allot to this Presidency a larger sum than Rs. 5,50,000 for military works in 1887-88, or one lakh less than the original grant sanctioned for 1886-87.

No. 2498 W., dated 25th September 1886.
No. 3327 W., dated 17th December 1886.

* *Vide* paragraph 2 of Resolution No. 607 M. W., dated 18th March 1887, printed with Proceedings No. 1161 W., dated 28th April 1887.

4. In framing the Military Works budget for 1888-89, a separate reserve will, if possible, be set apart to meet demands on account of incomplete works of 1887-88, but this will depend on the amount of the total grant sanctioned by the Government of India for the coming year. In paragraph 2 of G.O., No. 1617 W., dated 15th June 1887, it was pointed out that the statements of incomplete works, received from Superintending Engineers, included large † demands on account of works which should have been brought forward in their budget estimates, and the attention of officers of the department will again be drawn to the subject in view to greater care being observed in framing their budgets for future years.

† *Vide* items 31, 32, 36, 38, 43, 46 and 53 in the statement of incomplete works.

5. A copy of these Proceedings will be forwarded to the Government of India, Military Department, with an expression of hope that on receipt, on 1st October next, of the statement of demands for 1888-89, they will be enabled to sanction a larger grant than usual for military works in this Presidency.

(Here enter No. 2078 W., dated 4th August 1887.)

(True Extract.)

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

To the Military Department, with copies of letters
No. 2498 W., dated 25th September 1886, and
3327 W., dated 17th December 1886.

" Superintending Engineers.

---

ENDORSEMENT—dated 4th August 1887, No. 2078 W., Public Works.

Forwarded.

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

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1887} Madras.

PUBLIC WORKS.

*Dated August, 4th.*

*Read.* *Encl.*

G.O., 4th Aug. 1887, No. 2078 W.

AUGUST.

**Minor New Works, Military**

Copy of orders passed on letter from the Quartermaster-General complaining of the alienations made from the small grant reserved for —, for 1887-88, forwarded to the Government of India, a larger grant than usual asked for for military works in [illegible].

PRELIMINARY ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

# IMPERIAL BUDGET-ESTIMATE

OF

# MILITARY WORKS

OF THE

# GOVERNMENT OF MADRAS

FOR THE YEAR

## 1887-88.

CHEPAK,
17th December 1886.

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

IMPERIAL.
MILITARY WORKS.

MADRAS.

# CONTENTS.


| | PAGE |
|---|---|
| Abstract of the Budget-Estimate of Revenue ... ... ... ... ... ... ... | 2 |
| Ditto ditto of Expenditure ... ... ... ... ... ... ... | 2&3 |
| Details of the Budget-Estimate of Expenditure— | |
| Part I.—Detail of Estimate for Original Works, Class A ... ... ... ... ... | 4&5 |
| Ditto ditto Class B ... ... ... ... ... | 6&7 |
| Appendix to Above— | |
| Appendix B.—List of Class C Works ... ... ... ... ... ... ... | 8 to 15 |

IMPERIAL.
MILITARY WORKS.

MADRAS.

## REVENUE.

ABSTRACT of the BUDGET-ESTIMATE of REVENUE of the PUBLIC WORKS DEPARTMENT from MILITARY WORKS in MADRAS from 1st APRIL 1887 to 31st MARCH 1888.

| | Budget-Estimate, 1887-88. | Revised Estimate, 1886-87. | Budget-Estimate, 1886-87. | Actuals, 1885-86. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In Public Works Department ... ... ... | 25,000 | 16,000 | 30,000 | 25,881 |
| In Civil and Military Departments ... ... ... | ... | ... | ... | ... |
| Total ... | 25,000 | 16,000 | 30,000 | 25,881 |

## CHARGES.

ABSTRACT of the BUDGET-ESTIMATE of EXPENDITURE of the PUBLIC WORKS DEPARTMENT of MILITARY WORKS in MADRAS for the YEAR from 1st APRIL 1887 to 31st MARCH 1888.

| | Reference to Detailed Estimate. | Budget-Estimate, 1887-88. | Revised Estimate, 1886-87. | Budget-Estimate, 1886-87. | Actuals, 1885-86. |
|---|---|---|---|---|---|
| | | Rs. | Rs. | Rs. | Rs. |
| Original Works. In progress ... | ... | 50,900 | 1,85,035 | 2,08,035 | 1,85,232 |
| Original Works. Not commenced. | ... | 91,650 | | | |
| Repairs ... ... Ordinary ... | ... | 3,00,000 | 3,10,465 | 3,10,465 | 1,73,187 |
| Repairs ... ... Special ... | ... | ... | | | |
| Establishment ... ... ... | ... | 1,03,030 | 1,15,896 | 1,20,700 | 83,263 |
| Tools and Plant ... ... ... | ... | 4,420 | 4,969 | 5,200 | 3,563 |
| Suspense Account ... ... ... | ... | ... | ... | ... | ... |
| Total ... | ... | 5,50,000 | 6,15,865 | 6,44,400 | 4,45,245 |



IMPERIAL.
MILITARY WORKS.

MADRAS.

ABSTRACT of the CHARGES to be INCURRED by the PUBLIC WORKS DEPARTMENT from IMPERIAL FUNDS and CONTRIBUTIONS in both INDIA and ENGLAND.

| | Budget-Estimate, 1887-88. Original Works. In progress. | Not commenced. | Total. | Repairs. | Establishment. | Tools and Plant. | Suspense Account. | Barrack Department. | Total. | Revised Estimate, 1886-87. | Budget-Estimate, 1886-87. | Actuals, 1885-86. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Provision from Imperial Funds. | | | | | | | | | | | | |
| In India ... | 50,900 | 91,650 | 1,42,550 | 3,00,000 | 1,03,030 | 4,420 | ... | ... | 5,50,000 | 6,15,865 | 6,44,400 | 4,46,245 |
| In England. | ... | ... | ... | ... | ... | ... | ... | ... | ... | −3,504 | ... | −236 |
| Total ... | 50,900 | 91,650 | 1,42,550 | 3,00,000 | 1,03,030 | 4,420 | ... | ... | 5,50,000 | 6,12,36 | 6,44,400 | 4,46,009 |
| Provision from Contributions. | | | | | | | | | | | | |
| In India ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 72 |
| Grand Total. | 50,900 | 91,650 | 1,42,550 | 3,00,000 | 1,03,030 | 4,420 | ... | ... | 5,50,000 | 6,15,361 | 6,44,400 | 4,46,081 |

STATEMENT showing the WORKS on which the OUTLAY in ENGLAND above provided for is to be incurred.

| | Budget-Estimate, 1887-88. Original Works. In progress. | Not commenced. | Total. | Tools and Plant. | Suspense Account. | Total. | Revised Estimate, 1886-87. | Budget-Estimate, 1886-87. | Actuals, 1885-86. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Rs. | | Rs. |
| | ... | ... | ... | ... | ... | ... | 3,504 | ... | 236 |
| Total ... | ... | ... | ... | ... | ... | ... | 3,504 | ... | 236 |

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS A

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY. | |
| | | | | MILITARY. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | West Coast. | Malapuram ... | 1 | Constructing a barracks for accommodating 50 additional men and a canteen. | 1,35,697 |
| Accommodation for Native troops. | Presidency. | Bangalore ... | 2 | Public buildings for a regiment of Native infantry. | 21,336 |
| | Trichinopoly. | Trichinopoly. | 3 | Construction of stone drains required for new lines. | ... |
| | | | | Total ... | ... |



MADRAS.

I.

ORIGINAL WORKS FOR THE YEAR 1887-88.

WORKS.

| Outlay. | | Grant, 1887-88. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1885-86. | Probable during 1886-87. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| 1,14,981 | 10,115 | 20,000 | ... | | 1 | G.O., No. 2305 W., dated 13th September 1886. Item No. 1, class A works, budget of 1886-87. Supplemental estimate is awaited. |
| | | | | 20,000 | | |
| ... | 10,000 | 11,636 | ... | | 2 | G.O., No. 2952 W., dated 29th November 1884. Item No. 11, class B works, budget of 1886-87. |
| ... | 4,907 | 5,140 | ... | | 3 | Estimate is awaited. Item No. 13, class B works, budget of 1886-87. |
| | | | | 10,776 | | |
| ... | ... | 36,776 | ... | 36,776 | | |

IMPERIAL.
MILITARY WORKS.

MADRAS.

PART
DETAIL OF THE BUDGET-ESTIMATE FOR
CLASS I

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | IMPERIAL ORDINARY. | Rs. |
| | | | | Military. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Bellary ... | Bellary ... | 1 | Collar maker and wheeler's shop. Royal Artillery. | 5,663 |
| | Nilgiri ... | Wellington ... | 2 | Quarters for three Apothecaries ... | ... |
| | Presidency. | Fort St. George. | 3 | Converting a racquet court into a covered gymnasium. | 11,890 |
| | Do. ... | Bangalore ... | 4 | Alterations and additions to wash-houses, parade barracks. | 12,500 |
| Accommodation for Native troops. | Presidency. | Bangalore ... | 5 | Public buildings for a regiment of Native cavalry. | 30,000 |
| | Do. ... | Do. ... | 6 | Store rooms and workshops for the Pioneer regiment. | ... |
| (2) *Ordnance Works* ... | Bellary ... | Bellary ... | 7 | Twelve Staff Sergeants' quarters, Ordnance Department. | ... |
| | Presidency. | Fort St. George. | 8 | Adopting the existing magazine for storage of powder for Fort armament. | ... |
| | Do. ... | Madras ... | 9 | Coal store, Ordnance Department | ... |
| | | | | Minor works ... ... ... | ... |
| | | | | Total ... | ... |
| | | | | Grand Total ... | ... |



I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1887-88.

WORKS.

| Outlay. | | Grant, 1887-88. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1885-86. | Probable during 1886-87. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 5,663 | | 1 | G.O., No. 914 W., dated 3rd April 1884. Item No. 3, class C works, budget of 1886-87. |
| ... | ... | ... | 16,000 | | 2 | Estimate is awaited. |
| 2,040 | 280 | 9,570 | ... | | 3 | G.O., No. 1552 W., dated 20th June 1884. Item No. 17, class C works, budget of 1886-87. |
| 7,346 | ... | 4,554 | ... | 35,787 | 4 | G.O., No. 1102 W., dated 7th May 1880. Item No. 23, class C works, budget of 1886-87. |
| ... | ... | ... | 10,000 | | 5 | G.O., No. 1302 W., dated 25th May 1886. Item No. 36, class C works, budget of 1886-87. |
| ... | ... | ... | 3,000 | 13,000 | 6 | Estimate is awaited. Item No. 35, class C works, budget of 1886-87. |
| ... | ... | ... | 10,000 | | 7 | Estimate is awaited. |
| ... | ... | ... | 17,000 | | 8 | Do. do. |
| ... | ... | ... | 9,000 | | 9 | Do. do. |
| | | | | 35,000 | | |
| ... | ... | ... | 20,987 | 20,987 | | |
| ... | ... | 14,124 | 91,650 | 1,05,774 | | |
| ... | ... | ... | ... | 1,49,550 | | |

IMPERIAL.
MILITARY WORKS.

APPENDI

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMAT[illegible] 1887-88, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY. | |
| | | | | Military. | |
| | | | | *Original Works.* | |
| (4) *Accommodation for troops.* Buildings for European troops in the plains. Permanent. | Bellary ... | Bellary ... | 1 | Armourer's shop, 2nd Light Cavalry. | 2,695 |
| | Do. ... | Do. ... | 2 | A new gun-shed, Royal Artillery | ... |
| | Do. ... | Do. ... | 3 | Swimming-bath, British infantry. | 7,644 |
| | Do. ... | Do. ... | 4 | Infectious disease ward and cook-house, Station hospital. | 6,140 |
| | Do. ... | Do. ... | 5 | Alterations and additions to Military prison and adjoining buildings. | ... |
| | Do. ... | Do. ... | 6 | Armourer's shop for the Arsenal ... | ... |
| | Nilgiri ... | Wellington ... | 7 | Quarters for a Barrack Sergeant ... | 7,348 |
| | Do. ... | Do. ... | 8 | Gymnasium ... ... ... | ... |
| | Do. ... | Do. ... | 9 | Constructing a new Lock hospital. | ... |
| | Do. ... | Do. ... | 10 | Accommodation for a mountain battery. | ... |
| | West Coast. | Calicut ... | 11 | Providing barrack accommodation for 100 men. | ... |
| | Do. ... | Cannanore ... | 12 | Plunge-bath for European Infantry barracks. | 4,640 |
| | Do. ... | Do. ... | 13 | Improving latrines for European Infantry barracks. | 2,780 |
| | Do. ... | Do. ... | 14 | Improving the roof of regimental guard room, European Infantry barracks. | ... |
| | Presidency. | Fort St. George. | 15 | Remodelling drainage ... ... | ... |
| | Do. ... | Madras ... | 16 | Constructing coach-houses and stables on the esplanade in front of the Body Guard lines for use of officers in Fort St. George. | ... |
| | Do. ... | Bangalore ... | 17 | Constructing V drains around the single men's blocks. | ... |
| | Do. ... | Do. ... | 18 | Quarters for schoolmaster and schoolmistress. | 10,240 |
| | | | | Carried over ... | ... |



MADRAS.

E.

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

| Outlay. Actual to end of 1885-86. | Outlay. Probable during 1886-87. | Amount applied for 1887-88. Works in progress. | Amount applied for 1887-88. Works not commenced. | Amount applied for 1887-88. Total. | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 2,695 | | 1 | G.O., No. 2266 W., dated 14th September 1881. Item No. 6, class C works, budget of 1886-87. |
| ... | ... | ... | 3,970 | | 2 | Estimate is awaited. |
| ... | ... | ... | 7,644 | | 3 | G.O., No. 2434 W., dated 19th October 1885. Item No. 4, class C works, budget of 1886-87. |
| ... | ... | ... | 6,140 | | 4 | G.O., No. 320 W., dated 7th February 1884. Item No. 5, class C works, budget of 1886-87. |
| ... | ... | ... | 11,260 | | 5 | Estimate is awaited. Item No. 2, class C works, budget of 1886-87. |
| ... | ... | ... | 4,650 | | 6 | Estimate is awaited. |
| ... | ... | ... | 7,348 | | 7 | G.O., No. 1941 W., dated 21st August 1885. Item No. 10, class C works, budget of 1886-87. |
| ... | ... | ... | 10,000 | | 8 | Estimate is awaited. Item No. 7, class C works, budget of 1886-87. |
| ... | ... | ... | 4,180 | | 9 | Estimate is awaited. Item No. 9, class C works, budget of 1886-87. |
| ... | ... | ... | 10,000 | | 10 | Estimate is awaited. |
| ... | ... | ... | ... | | 11 | Estimate is awaited. Amount not shown by the Military Department. |
| ... | ... | ... | 4,640 | | 12 | G.O., No. 418, dated 16th February 1876. Item No. 11, class C works, budget of 1886-87. |
| ... | ... | ... | 2,780 | | 13 | G.O., No. 1056 W., dated 4th April 1879. Item No. 12, class C works, budget of 1886-87. |
| ... | ... | ... | 5,060 | | 14 | Estimate is awaited. |
| ... | ... | ... | 10,000 | | 15 | Estimate is awaited. Item No. 13, class C works, budget of 1886-87. |
| ... | ... | ... | 15,770 | | 16 | Estimate is awaited. |
| ... | ... | ... | 7,330 | | 17 | Do. do. |
| ... | ... | ... | 10,240 | | 18 | G.O., No. 2384 W., dated 20th September 1886. Item No. 19, class C works, budget of 1886-87. |
| ... | ... | ... | ... | ... | | |

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT OF CLASS B

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | Military—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Presidency. | Bangalore ... | 19 | New orderly room for 13th Lancers, or conversion of Quartermaster's stores into orderly room and stores. | ... |
| | Do. ... | Do. ... | 20 | Quarters for Senior Apothecary, North Station hospital. | 5,500 |
| | Do. ... | Do. ... | 21 | Quarters for the Assistant Apothecary, North Station hospital. | 4,773 |
| | Chingleput. | St. Thomas' Mount. | 22 | A wheeler and collar maker's shop, West barracks. | 5,660 |
| | Do. ... | Do. ... | 23 | Sergeants' Mess for East barracks. | ... |
| | Do. ... | Do. ... | 24 | General improvements to the drains of the cantonment. | ... |
| | Do. ... | Do. ... | 25 | Quarters for three Medical Subordinates, Station hospital. | ... |
| | Do. ... | Do. ... | 26 | Quarters for head-quarter's staff, Royal Artillery. | ... |
| | Do. ... | Do. ... | 27 | Battery office for F/1st Royal Artillery. | ... |
| | Do. ... | Do. ... | 28 | Raising the roof of harness rooms, troop lines. | 1,300 |
| | Do. ... | Do. ... | 29 | Wooden shed at the proof range ... | 2,820 |
| | Do. ... | Do. ... | 30 | Converting the disused gun shed between the North barracks and the main guard into a coffee shop, recreation room, and library. | 2,520 |
| | Do. ... | Pallávaram ... | 31 | One mortuary room for each of the three hospitals, Nos. 1 to 3. | ... |
| | Do. ... | Poonamallee. | 32 | Improvements to the old barracks with possibility of obviating construction of the new. | ... |
| | Do. ... | Do. ... | 33 | Warrant officers' quarters ... | ... |
| | Do. ... | Do. ... | 34 | Two Staff Sergeants' quarters, first class. | ... |
| | Do. ... | Do. ... | 35 | Coffee shop ... ... ... | ... |
| | | | | Carried over ... | ... |





B—*cont.*

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

| Outlay. | | Amount applied for 1887-88. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable to end of 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 6,500 | | 19 | Estimate is awaited. |
| ... | ... | ... | 5,300 | | 20 | G.O., No. 3335 W., dated 27th November 1883. Item No. 20, class C works, budget of 1886-87. |
| ... | ... | ... | 4,773 | | 21 | G.O., No. 938 W., dated 5th April 1884. Item No. 21, class C works, budget of 1886-87. |
| ... | ... | ... | 5,660 | | 22 | G.O., No. 2717 W., dated 3rd November 1884. Item No. 24, class C works, budget of 1886-87. |
| ... | ... | ... | 6,000 | | 23 | Estimate is awaited. |
| ... | ... | ... | 10,000 | | 24 | Do. do. |
| ... | ... | ... | 8,000 | | 25 | Do. do. |
| ... | ... | ... | 12,000 | | 26 | Do. do. |
| ... | ... | ... | 5,000 | | 27 | Do. do. |
| ... | ... | ... | 4,200 | | 28 | G.O., No. 3137 W., dated 17th December 1881. Item No. 25, class C works, budget of 1886-87. |
| ... | ... | ... | 2,820 | | 29 | G.O., No. 3077 W., dated 13th December 1884. Item No. 26, class C works, budget of 1886-87. |
| ... | ... | ... | 2,520 | | 30 | G.O., No. 1234 W., dated 28th May 1885. Item No. 27, class C works, budget of 1886-87. |
| ... | ... | ... | 3,000 | | 31 | Estimate is awaited. Item No. 28, class C works, budget of 1886-87. |
| ... | ... | ... | 5,000 | | 32 | Estimate is awaited. |
| ... | ... | ... | 3,500 | | 33 | Do. do. |
| ... | ... | ... | 6,000 | | 34 | Do. do. |
| ... | ... | ... | 9,000 | | 35 | Do. do. |
| ... | ... | ... | ... | ... | | |

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON CLASS B

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | Brought forward ... | Rs. ... |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | Military—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*— | Vizagapatam. | Vizianagram. | 36 | Regimental store room for Native infantry, including storage for camp equipage. | 3,480 |
| Buildings for Native troops. | Bellary ... | Bellary ... | 37 | School-house for the Native infantry regiment. | 3,030 |
| | West Coast. | Quilon ... | 38 | Sepoy lines ... ... ... | ... |
| | Do. ... | Mangalore ... | 39 | Providing drains for the lines of the Native infantry. | ... |
| | Presidency. | Madras ... | 40 | Constructing two male and two female latrines for Native Infantry lines at Perambúr. | ... |
| | Do. ... | Do. ... | 41 | Flushing drains for Native Infantry lines at Rayapuram. | 4,300 |
| | Chingleput. | Pallávaram ... | 42 | Magazine for a Madras Infantry regiment. | 4,500 |
| | Do. ... | Do. ... | 43 | Armourer's shop for a Madras Infantry regiment. | 2,880 |
| | Trichinopoly. | Trichinopoly. | 44 | Workshops for a Pioneer regiment. | ... |
| (2) *Ordnance Works.* | Presidency. | Madras ... | 45 | Compound wall round the Gunpowder Factory. | ... |
| | Do. ... | Do. ... | 46 | Extra accommodation as store-rooms in the Gunpowder Factory. | ... |
| | West Coast. | Cuttack ... | 47 | Mules and cattle shed ... ... | ... |
| (3) *Commissariat Buildings.* | Presidency. | Bangalore ... | 48 | Quarters for a Conductor, Transport Department. | 5,300 |
| | Do. ... | Do. ... | 49 | Quarters for Ambulance Sergeant, near Cattle lines, Transport Department. | ... |
| | Do. ... | Madras ... | 50 | Lines for transport attendants ... | ... |
| | Do. ... | Do. ... | 51 | Workshops and sheds for carts, doolies, &c., Transport Department. | ... |
| | Do. ... | Do. ... | 52 | Construction of a shed at the Camp Equipage Depôt. | ... |
| | | | | Carried over ... | ... |



MADRAS.

B—*cont.*

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

| Outlay. | | Amount applied for 1887-88. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1885-86. | Probable during 1886-87. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 3,480 | | 36 | G.O., No. 2628 W., dated 27th October 1884. Item No. 32, class C works, budget of 1886-87. |
| ... | ... | ... | 3,030 | | 37 | G.O., No. 149 W., dated 17th January 1884. Item No. 33, class C works, budget of 1886-87. |
| ... | ... | ... | 20,000 | | 38 | Estimate is awaited. |
| ... | ... | ... | 6,030 | | 39 | Do. do. |
| ... | ... | ... | 3,000 | | 40 | Do. do. |
| ... | ... | ... | 4,300 | | 41 | G.O., No. 1397 W., dated 4th June 1884. Item No. 34, class C works, budget of 1886-87. |
| ... | ... | ... | 4,500 | | 42 | G.O., No. 334 W., dated 8th February 1886. Item No. 38, class C works, budget of 1886-87. |
| ... | ... | ... | 2,880 | | 43 | G.O., No. 3149 W., dated 22nd December 1884. Item No. 29, class C works, budget of 1886-87. |
| ... | ... | ... | 8,000 | | 44 | Estimate is awaited. |
| ... | ... | ... | 20,200 | | 45 | Estimate is awaited. Item No. 39, class C works, budget of 1886-87. |
| ... | ... | ... | 6,000 | | 46 | Estimate is awaited. Item No. 40, class C works, budget of 1886-87. |
| ... | ... | ... | 4,000 | | 47 | Estimate is awaited. |
| ... | ... | ... | 5,300 | | 48 | G.O., No. 992 W., dated 16th April 1886. Item No. 51, class C works, budget of 1886-87. |
| ... | ... | ... | 3,000 | | 49 | Estimate is awaited. |
| ... | ... | ... | 48,000 | | 50 | Estimate is awaited. Item No. 49, class C works, budget of 1886-87. |
| ... | ... | ... | 5,500 | | 51 | Estimate is awaited. Item No. 50, class C works, budget of 1886-87. |
| ... | ... | ... | 5,300 | | 52 | Estimate is awaited. Item No. 48, class C works, budget of 1886-87. |
| ... | ... | ... | ... | ... | | |

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON CLASS B

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | ... |
| | | | | IMPERIAL ORDINARY—*contd.* | |
| | | | | Military—*contd.* | |
| | | | | *Original Works*—contd. | |
| (3) *Commissariat Buildings.* | Presidency. | Teynampet ... | 53 | Construction of a wheat godown ... | ... |
| | Chingleput. | Guindy ... | 54 | Quarters for station butchers attached to slaughter-house. | ... |
| (4) *Staff and Miscellaneous.* | Nilgiri ... | Gotacamund. | 55 | Water-supply, Lawrence Asylum. | ... |
| (8) *Fortifications* ... | West Coast. | Malapuram ... | 56 | Constructing fortifications ... | ... |
| | Presidency. | Fort St. George | 57 | Facing the *en relate* of Fort St. George with Portland cement. | ... |
| | Do. ... | Do. ... | 58 | Demolition of Wallajah ravelin and two lunettes. | ... |
| | Do. ... | Do. ... | 59 | Constructing a draw-bridge to North Gate. | ... |
| | North Arcot. | Vellore ... | 60 | Draw-bridge and gate for the Fort. | 6,450 |
| | | | | Total ... | ... |



MADRAS.

B—*concld.*

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

| Outlay. | | Amount applied for 1887-88. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1885-86. | Probable during 1886-87. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 5,950 | ... | 53 | Estimate is awaited. Item No. 46, class C works, budget of 1886-87. |
| ... | ... | ... | 4,730 | ... | 54 | Estimate is awaited. Item No. 52, class C works, budget of 1886-87. |
| ... | ... | ... | 7,000 | ... | 55 | Estimate is awaited. Item No. 55, class C works, budget of 1886-87. |
| ... | ... | ... | 8,000 | ... | 56 | Estimate is awaited. |
| ... | ... | ... | 5,000 | ... | 57 | Do. do. |
| ... | ... | ... | 7,426 | ... | 58 | Estimate is awaited. Item No. 53, class C works, budget of 1886-87. |
| ... | ... | ... | 2,680 | ... | 59 | Estimate is awaited. |
| ... | ... | ... | 6,450 | ... | 60 | G.O., No. 528 W., dated 7th March 1884. Item No. 54, class C works, budget of 1886-87. |
| ... | ... | ... | ... | ... | | |

1887.

# P. W. DEPARTMENT.

Current No. 5801

From The Brig. Supt.

Enclos.—

No. Nil

Dated 25th July 1887

Received 28th —

Subject.

Submitting letter from the Bde Maj
Simla No 2881 dated 22nd July
1887 reporting delay in the transmission
of the nightly Signal Reports
Simla and Subathu for the month
June and Subathu Extra Duty Office
from 1st to 30th June 1887

---

Disposal.

No. Dated

Copies sent to Brig. Supt
Simla for favor of explanation
(By order)
Capt. C. A. Bradley, Asstt. to
Commdg. Engrs. Sub. Div.

Dr 18/8

Quarter Master General's Office,
Ootacamund

QUARTER MASTER GENERAL'S OFFICE,

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund,
23rd July 1887.

No. 2598 A.

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

To
THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

SIR,

The Commander-in-Chief has observed that though in para 4 of G.O. No. 3328 W dated 17 December 1886*, Government noted its intention of asking the Government of India to renew such portion as remained unspent of its Special Grant of 1886-87 for Works connected with the provision of increased accommodation for British Troops, the Order No. 1160 W dated 28 April 1887* in the Final Issue of the Budget for 1887-88 contains no reference to this renewal, and that in the case of the Estimate for alterations to the North and South Barracks Saint Thomas Mount, the Government in the Public Works.

* G.O. No. 118 dated 8 January 1887.

* G.O. No. 2587 dated 16 May 1887.

Works Department ordered that the Superintending Engineer should apply to the General Officer Commanding Eastern District for the requisite funds. × 1735 Wdated 29th June 1867

2. His Excellency therefore concludes that the Special Grant in question was not renewed, and he accordingly thinks it incumbent on him to represent to Government the impossibility of drawing upon the ordinary grants for the Year to meet such extraordinary demands, as those in connection with the provision of extra accommodation, which at present are represented by the Works marginally noted.

3. Sir C. Arbuthnot trusts that the small sums required to provide for the Works in question which are urgent ones and ought to be executed as soon as possible may not be required to be found from the already reduced Minor Works Grant for the Year which as shown in this Office letter No. 2492 A dated 16th Instant, is already too small for requirements.

| | |
|---|---|
| New Latrine<br>New Wash-house for<br>new R. A. Barrack<br>in Fort Saint George. | Estimates awaited. |
| Alterations to Barracks<br>St. Thomas' Mount,<br>P.G. 4146 dated 13th July 1867. | Rupees 835 |

I have the honor to be.

Sir.

Your obedient servant

Brigadier Genl.

Quarter Master Genl.

P.C. 8 Jan/87 Nos 154-557
16 Mar/87 Nos 342-434
13 July/87 Nos 345-349

G.O. 1735 M. 29.6.87
No 2650 C " 1.8.87
G.O. 2078 M. " 4.8.87

Entered
28th July 1887

No 4538

Transferred to Public Works Department for favorable consideration in continuation of Endt No 4305 dated 18th July 1887.

By Order,

Chief Secretary.

Secy: Agents
Fort St. Dept.

2226-27 C-17-8-87
1981 M-25-7-87
2550 C-1-8-87
1735 M-29-6-87
2078 M-4-8-87
2819 M of 15-6-87
1735 M of 29-6-87
2077 M of 4-8-87
337 M of 13-8-87
1160 M of 15-6-87

Military (1887) Department.

No. 4538

From Major Gl. C. Pearce
Offg. Quarter Master General,

To

The Secretary to Government,
Military Department.

No. 2698 A.

Dated 23rd July
Received 25 July

Enclosures. Do Tel

Representing with remarks the inability of finding funds for the execution of Works connected with extra accommodation of British Troops from the Ordinary Grants for the Year.

Public Works Department.

No 22536

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 25th August 87

Read the following

From the Secretary to Government Mily Dept No 2698 A dated 23rd July 1887.

Endt from the Chief Engineer No 4538 dated 28th July 1887.

In para 2 of the Secretary's letter recorded in G.O. No 1981 M dated 25th July 1887, it was intimated that a sum of Rs 835 had been provided for supervision & establishment in the Public Works Estimates for the Fort St. George Circle for the current financial year, required for the Royal

Artillery in Fort St George,
Admiralty Government
have received, and that
Supply Brys. I. Guide are
to be requested to expedite
their outward - until
the estimated cost of these
works is known, it
will not be desirable
to apply to the Govt
India for a Special
allotment of funds.

Yes
11/5/07

Wm
22.5.07

2a The S. S. I. Guide
... Mary Depot

Govt. of Jharkhand
PUBLIC WORKS

6320

32/8/ 450W

Military Works

Address with from the Executive Engineer requesting that funds may be allotted for execution —

S.O. 14

Engineer