(1) பக்கங்களின் எண்ணிக்கை 108

(2) புதுக்கித் திருப்பிய நாள் 27.6.89

(3) ஆதாரங்குறிப்பவர் கருக்கொப்பம்

# தமிழ்நாடு ஆவணக் காப்பகம்.

## தமிழ்நாடு அரசு

பழங்குடியினர் நலத் துறை

அரசாணை எண். 1199-1200-W
மு. கோப்புத் தாள் எண்.

அச்சகம்
பல்வகை

நாள் : 23.4.1988

198

டிக்கவோ கண்டபடி கையாளவோ கூடாது

வண். கா-1—18,006—15-6-87.

GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General Account.

READ—the following papers :—

EXTRACT from the Proceedings of the Government of India, Military Department—(No. 640-M.W., under date Fort William, 23rd March 1888).

MADRAS.

*Orders on the Military Works Revised Estimate for 1887-88 and Budget Estimate for 1888-89.*

*Read*—

Military Department Resolution No. 2309-M.W., dated 3rd November 1887.
Letter No. 32 W., dated 6th January 1888, from the Government of Madras.
" 190 W., " 17th " " " " "
" 441 W., " 7th February " " " "
" 614 W., " 21st " " " " "

*Resolution*—

The estimates of revenue are accepted for the sums entered in the following table :—XXXI.—REVENUE.

| — | Actuals, 1886-87. | Budget estimate, 1887-88 | Revised estimate, 1887-88. | Budget estimate, 1888-89. |
|---|---|---|---|---|
| | RS. | RS. | RS. | RS. |
| In the Public Works Department. | 23,984 | 25,000 | 25,000 | 27,800 |

44.—EXPENDITURE.

*Revised Estimate, 1887-88.*

2. The revised estimate is passed for the amount of the existing grant Rs. 5,73,500, which includes the additional grants of Rs. 7,500 and Rs. 16,000 sanctioned in Military Department letter, No. 2528-M.W., dated 19th December 1887, and telegram No. 376-M.W., dated 17th February 1888, for the conversion into barracks of buildings in Fort St. George and for Minor Works, respectively.

*Budget Estimate, 1888-89.*

3. The estimate has been framed for the provisional grant of Rs. 5,25,000 sanctioned in Military Department Resolution, No. 2309-M.W., of 3rd November 1887, but a further sum of Rs. 99,300 is hereby allotted to provide for expenditure on Ordnance Works in Madras. Out of this sum provision must be made to meet the cost of land required for a coal store at Vepery ; the balance will be distributed, as far as may be, in accordance with Madras G.O., No. 189-W., of the 17th January 1888,

the necessary modifications being determined by the Government of Madras in communication with the Director-General of Ordnance.

4. The Government of India regrets that no extra grant can be assigned for the provision of additional accommodation for troops at St. Thomas' Mount until full information is received as to the details of the scheme. If the project be approved, the necessary funds will probably have to be provided by postponing some of the works now entered in the budget estimate.

5. The details of the estimates of expenditure passed by the Government of India are exhibited in the following table :—

| — | Actuals, 1886-87. | Budget estimate, 1887-88. | Revised estimate, 1887-88. | Budget estimate, 1888-89. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs |
| Original Works { In progress ... ... | 1,45,707 | 1,42,600 | 1,62,300 | 57,300 |
| Original Works { Not commenced ... ... | | | | 63,300 |
| Repairs ... ... ... ... ... ... | 3,11,795 | 3,00,000 | 2,78,500 | 3,00,000 |
| Total Works and Repairs ... | 4,57,502 | 4,42,600 | 4,40,800 | 4,20,600 |
| Establishment ... ... ... ... ... | 1,06,754 | 1,03,000 | 1,02,600 | 98,100 |
| Tools and Plant ... ... ... ... | 4,589 | 4,400 | 6,600 | 6,300 |
| | 5,68,845 | 5,50,000 | 5,50,000 | 5,25,000 |
| Add—Grants sanctioned since submission of revised estimate ... ... ... | ... | ... | 7,500 | ... |
| | | | 16,000 | |
| Add—Grant sanctioned for Ordnance Works ... | ... | ... | ... | 99,300 |
| | 5,68,845 | 5,50,000 | 5,73,500 | 6,24,300 |
| Deduct Expenditure in England ... ... | 1,638 | ... | ... | ... |
| Net Expenditure in India ... ... ... | 5,67,207 | 5,50,000 | 5,73,500 | 6,24,300 |

6. The provision made for works in anticipation of sanction of detailed estimates is admitted on the understanding that work will not be commenced until the estimates have been approved by competent authority.

---

*Order*—

Ordered that this resolution be communicated to the Government of Madras, with the request that 45 copies of the estimates, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1888.

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

(True Extract.)

(Signed) E. COLLEN, Lieut.-Colonel,
Secretary to the Government of India.

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

---

Telegram from the Director-General of Ordnance, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 17th April 1888, No. 10 E.

Your telegram. Please consult Local Ordnance what reductions can most conveniently be made.



From Colonel H. McLEOD, R.A., Inspector-General of Ordnance, to the Secretary to the Government of Madras, Public Works Department, dated Fort St. George, 20th April 1888, No. G-11.

With reference to telegram No. 11 E., dated 17th instant, from the Director-General of Ordnance in India, a copy of which is enclosed, I have the honor to inform you that the Rs. 8,830 required will be met from reappropriation from the undermentioned works referred to in letter No. 90 E. (Tour), dated Agra, 2nd January 1888, from the Director-General of Ordnance in India, to your address, republished in G.O., dated 17th idem No. 189 W. :—

Rupees 6,935 allotted for shed, Camp Equipage Depôt, Madras.
Rupees 1,895 from sum of Rs. 6,000 allotted for store rooms, Gun Carriage Factory, Madras.

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Enclosure.

Telegram from the Director-General of Ordnance, to the Inspector-General of Ordnance, Madras, dated Simla, 17th April 1888, No. 11 E.

Rupees 8,830 required towards purchase site for coal store and Artificer quarters, Vepery. Inform Madras Works what reductions to meet this can most conveniently be made in works sanctioned in my 93 E. Tour 3. Report action taken.

---

Order—dated 23rd April 1888, No. 1199 W., Public Works.

Ordered that the final issue of the Imperial Military Works budget estimate for 1888-89 prepared for Rs 6,24,300, being the amount adopted by the Government of India in their resolution read at the head of these proceedings, be printed and circulated for the information and guidance of the officers of the department, 45 copies as noted in the margin being forwarded to the Government of India.

| | Copies. |
|---|---|
| To Simla ... ... ... ... | 20 |
| To Calcutta ... ... ... ... | 25 |
| Total ... | 45 |

2. The provision made by the Government of India for Ordnance Works during 1888-89 is Rs. 99,300. Out of this sum Rs. 41,625 have been set apart for the purchase of land for a coal store at Vepery, and the balance, Rs. 57,675, has been distributed under the departmental heads as shown below. The sum available for works has been distributed in communication with the Director-General of Ordnance.

| | Rs. |
|---|---|
| Works ... ... ... ... ... ... ... ... ... | 46,325 |
| Establishment ... ... ... ... ... ... ... ... ... | 10,655 |
| Tools and plant ... ... ... ... ... ... ... ... ... | 695 |
| Total ... | 57,675 |

3. The grant provided in the preliminary issue for item 1 under class A works has been reduced to the amount of the unspent balance of the sanctioned estimate for the work.

4. The alterations referred to in the proceedings of Government noted in the margin have been carried out in the final issue.

G.O., No. 423 W., dated 6th February 1888.
„ „ 504 W., „ 11th „ „
„ „ 950 W., „ 22nd March „

5. A sum of Rs. 5,555 has been provided for the guard-room and fire-engine shed for the Ordnance Depôt at Agram, Bangalore—(*vide* G.O., No. 536 W., dated 16th February 1888).

6. With reference to paragraph 4 of the letter from the Government of India above recorded, the Quartermaster-General will be requested to furnish the required

details of the scheme for providing additional accommodation for troops at St. Thomas' Mount.

7. With reference to paragraph 5 of G.O., No. 31 W., dated 6th January 1888, the Government of India will be requested to provide a special grant of Rs. 5,680 required for converting certain buildings in Fort St. George into barracks for sixty single men.

8. It is observed that the grant of Rs. 50,000 applied for in letter to the Government of India, No. 870 W., dated 16th March 1888, for regimental institutes in this Presidency has not been provided. The Government of India will again be requested to consider the proposal favorably and issue early orders on the subject.

9. The unsanctioned works for which funds have been provided in the budget should not be commenced until plans and estimates for them have been sanctioned.

10. The grants for incomplete major works and repairs will be held at the disposal of Government and distributed on receipt of detailed proposals from the officers concerned, with reference to paragraph 1322 of the Public Works Code.

11. The grant for minor works will also be held in reserve, and, after providing for incomplete works of 1887-88, the balance will be placed at the disposal of the officers commanding divisions and districts.

(Here enter No. 1200 W., dated 23rd April 1888.)

(True Extract.)

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

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

---

ENDORSEMENT—dated 23rd April 1888, No. 1200 W., Public Works.

Forwarded to the Government of India, Military Department.

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

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1888} Madras.

PUBLIC WORKS.

*Dated April, 23rd.*

*Recd.* *Encl*

**G.O., 23rd Apr. 1888, No. 1200 W.**

**APRIL.**

**Military Works Budget Estimate for 1888-89**

Forwarding copies of the final issue of the Imperial—.

FINAL ISSUE.

1758/4

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

**MADRAS.**

PUBLIC WORKS DEPARTMENT.

# IMPERIAL BUDGET-ESTIMATE

OF

# MILITARY WORKS

OF THE

# GOVERNMENT OF MADRAS

FOR THE YEAR

# 1888-89.

CHEPÂK,
23rd April 1888.

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

IMPERIAL.
MILITARY WORKS.

1193/8



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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 1888 TO 31st MARCH 1889.

| | Actuals, 1886-87. | Budget-Estimate, 1887-88. | Revised Estimate, 1887-88. | Budget-Estimate, 1888-89. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In Public Works Department ... ... ... | 23,984 | 25,000 | 25,000 | 27,800 |
| In Civil and Military Departments ... ... ... | ... | ... | ... | ... |
| Total ... | 23,984 | 25,000 | 25,000 | 27,800 |

*CHARGES.*

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

| | Reference to Detailed Estimate | Actuals, 1886-87. | Budget-Estimate, 1887-88. | Revised Estimate, 1887-88. | Budget-Estimate, 1888-89. |
|---|---|---|---|---|---|
| | | Rs. | Rs. | Rs. | Rs. |
| Original Works { In progress / Not commenced } | ... | 1,45,707 | 1,42,600 | 1,41,395 | 74,277 / 1,34,273 |
| Repairs ... ... { Ordinary / Special } | ... | 3,11,795 | 3,00,000 | 3,18,242 | 3,00,000 |
| Establishment ... ... ... | ... | 1,06,754 | 1,03,000 | 1,06,979 | 1,08,755 |
| Tools and Plant ... ... ... | ... | 4,589 | 4,400 | 6,884 | 6,995 |
| Suspense Account ... ... ... | ... | ... | ... | ... | ... |
| Total ... | ... | 5,68,845 | 5,50,000 | 5,73,500 | 6,24,300 |



IMPERIAL.
MILITARY WORKS.

1159/6

MADRAS.

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

| | Actuals, 1886-87. | Budget-Estimate, 1887-88. | Revised Estimate, 1887-88. | Budget-Estimate, 1888-89. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Original Works. | | | Repairs. | Establishment. | Tools and Plant. | Suspense Account. Barrack Department. | Total. |
| | | | | In progress. | Not commenced. | Total. | | | | | |
| Provision from Imperial Funds. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. Rs. | Rs. |
| In India ... | 5,67,207 | 5,50,000 | 5,73,500 | 74,277 | 1,34,273 | 2,08,550 | 3,00,000 | 1,08,755 | 6,995 | ... ... | 6,24,300 |
| In England. | 1,638 | ... | ... | ... | ... | ... | ... | ... | ... | .. .. | ... |
| Total .. | 5,68,845 | 5,50,000 | 5,73,500 | 74,277 | 1,34,273 | 2,08,550 | 3,00,000 | 1,08,755 | 6,995 | .. .. | 6,24,300 |
| Provision from Contributions. | | | | | | | | | | | |
| In India ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | .. .. | ... |
| Grand Total .. | 5,68,845 | 5,50,000 | 5,73,500 | 74,277 | 1,34,273 | 2,08,550 | 3,00,000 | 1,08,755 | 6,995 | .. .. | 6,24,300 |

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

| | Actuals, 1886-87. | Budget-Estimate, 1887-88. | Revised Estimate, 1887-88. | Budget-Estimate, 1888-89. | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Original Works. | | | Tools and Plant. | Suspense Account. | Total. |
| | | | | In progress. | Not commenced. | Total. | | | |
| | Rs. | | | | | | | | |
| | 1,638 | ... | ... | ... | ... | ... | ... | ... | ... |
| Total ... | 1,638 | ... | ... | ... | ... | ... | ... | ... | ... |

IMPERIAL.
MILITARY WORKS.

MADRAS.

1188/7

PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR 1888-89.

CLASS A. ORIGINAL WORKS FOR THE YEAR 1888-89.

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. Actual to end of 1886-87. | Outlay. Probable during 1887-88. | Grant, 1888-89. Works in progress. | Grant, 1888-89. Works not commenced. | Grant, 1888-89. Total. | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | | IMPERIAL ORDINARY. | | | | | | | | |
| | | | | MILITARY. | | | | | | | | |
| | | | | *Original Works.* | | | | | | | | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Bellary ... | Bellary ... | 1 | Gun-shed for Royal Artillery ... | 11,560 | ... | 3,970 | 7,590 | ... | | 1 | G.O., No. 1042 W., dated 6th April 1888. |
| | West Coast. | Malapuram ... | 2 | Barracks for a detachment of British Infantry to accommodate 50 additional men. | 1,82,867 | 1,22,672 | 17,000 | 20,000 | ... | | 2 | G.O., No. 2822 W., dated 21st October 1887. Item No. 1, class A works, budget of 1887-88. |
| Accommodation for Native troops. | Presidency. | Bangalore ... | 3 | Additions, &c., to public buildings, Madras Infantry Regiment, for a Pioneer Regiment. | 21,636 | 15,188 | 6,636 | 5,000 | ... | | 3 | G.O., No. 2952 W., dated 29th November 1884. Item No. 2, class A works, budget of 1887-88. Supplemental estimate is awaited. |
| | | Total ... | | | ... | ... | ... | 32,590 | ... | 32,590 | | |

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. | Nilgiri ... | Wellington ... | 1 | Quarters for three Apothecaries ... | ... |
| | Chingleput. | Poonamalle... | 2 | New barracks ... ... ... | 1,66,885 |
| | Presidency. | Bangalore ... | 3 | New saddle room, British Cavalry... | 4,158 |
| Accommodation for Native troops. | Do. ... | Madras ... | 4 | Constructing 4 latrines—2 for males and 2 for females—Parambur lines. | ... |
| | | | 5 | New workshops for the Arsenal ... | ... |
| (2) *Ordnance Works* ... | Bellary ... | Bellary ... | 6 | Purchase of land for coal store and Artificers' quarters at Vepery. | ... |
| | Presidency. | Madras ... | 7 | Turners' shop, Gun Carriage Factory. | 6,245 |
| | Do. ... | Do. ... | 8 | Extra accommodation as store-room in the Gun Carriage Factory. | ... |
| | Do. ... | Do. ... | 9 | Minor works under Ordnance ... | ... |
| | ... | ... | 10 | Sheds for transport animals ... | 7,790 |
| (3) *Commissariat buildings.* | West Coast. | Calicut ... | 11 | Converting the Cannanore Fort into a defensible post. | 6,450 |
| (8) *Fortifications.* | Do. ... | Cannanore ... | 12 | Constructing a draw-bridge and gate for the fort. | 5,555 |
| | North Arcot. | Vellore ... | 13 | Constructing a fire-engine shed and guard-room in the Agram entrenchment. | ... |
| | Presidency. | Bangalore ... | 14 | Reserve with the Government for incomplete major works. | ... |
| | | | 15 | Minor works ... ... ... | ... |
| | | | | Total ... | ... |



MADRAS.

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1888-89.

WORKS.

| Outlay. | | Grant, 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 6,500 | | 1 | Estimate under revision. Item No. 2, class B works, budget of 1887-88. |
| ... | ... | ... | 20,000 | | | G.O., No. 465 W., dated 19th February 1879. |
| ... | ... | ... | 4,158 | | | G.O., No. 423 W., dated 6th February 1888. |
| ... | ... | ... | 3,000 | | 4 | Estimate is awaited. Item No. 39, class C works, budget of 1887-88. |
| ... | 6,858 | 22,650 | ... | | 5 | Estimate is awaited. |
| ... | ... | ... | 41,625 | | 6 | Do. |
| ... | ... | ... | 10,000 | | 7 | Do. |
| ... | ... | ... | 4,105 | | 8 | G.O., No. 2946 W., dated 5th November 1887. |
| ... | ... | ... | 9,570 | | 9 | |
| ... | ... | ... | 3,310 | | 10 | Estimate is awaited. Item No. 46, class C works, budget of 1887-88. |
| 4,347 | ... | 3,064 | ... | | 11 | G.O., No. 3274 W., dated 1st December 1887. |
| ... | ... | ... | 6,450 | | 12 | G.O., No. 528 W., dated 7th March 1885. Item No. 11, class B works, budget of 1887-88. |
| ... | ... | ... | 5,555 | | 13 | G.O., No. 536 W., dated 16th February 1888. |
| ... | ... | 15,973 | ... | | 14 | |
| ... | ... | ... | 20,000 | | 15 | |
| ... | ... | 41,687 | 1,34,273 | 1,75,960 | | |

IMPERIAL.
MILITARY WORKS.

APPENDIX

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

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | IMPERIAL ORDINARY. | |
| | | | | Military. | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Bellary ... | Bellary ... | 1 | Infectious disease ward, cook-house and station hospital. | 6,140 |
| | Do. ... | Do. ... | 2 | Alterations and additions to Military prison and adjoining buildings. | ... |
| | Do. ... | Do. | | Swimming-bath, British Infantry. | 7,644 |
| | Do. ... | Do. | | Armourer's shop, 2nd Light Cavalry. | 2,695 |
| | Do. ... | Do. ... | 5 | Quarters for the Bandmaster, British Infantry. | ... |
| | Do. ... | Do. ... | 6 | Quarters for Schoolmaster, British Infantry Regiment. | ... |
| | Do. ... | Do. ... | 7 | Quarters for Schoolmistress, British Infantry Regiment. | ... |
| | Nilgiri ... | Wellington ... | 8 | Gymnasium, 2nd Royal Fusiliers. | ... |
| | West Coast. | Calicut ... | 9 | A new barrack with subsidiary buildings for 30 men. | ... |
| | Chingleput | Poonamallee... | 10 | Improving the old barracks ... | ... |
| | Do. ... | Do. ... | 11 | Warrant Officers' quarters ... | ... |
| | Do. ... | Do. ... | 12 | Two Staff Sergeants' quarters, first class. | ... |
| | Do. ... | Do. ... | 13 | Coffee shop ... ... ... | ... |
| | Do. ... | Pallávaram ... | 14 | One mortuary room for each of the three hospitals, Nos. 1 to 3. | ... |
| | Do. ... | St. Thomas' Mount. | 15 | A wheeler and collar maker's shop for the West barracks. | 5,660 |
| | Do. ... | Do. ... | 16 | Sergeants' mess for East barracks. | 5,450 |
| | Do. ... | Do. ... | 17 | Quarters for 3 Medical Subordinates attached to the Station Hospital. | ... |
| | Do. ... | Do. ... | 18 | Quarters for head-quarters staff, Royal Artillery. | ... |
| | Do. ... | Do. ... | 19 | General improvements to the drains of the cantonment. | ... |





B.

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

| Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 6,140 | | 1 | G.O., No. 320 W., dated 7th February 1884. Item No. 4, class C works, budget of 1887-88. |
| ... | ... | ... | 11,260 | | 2 | Estimate is awaited. Item No. 5, class C works, budget of 1887-88. |
| ... | ... | ... | 7,644 | | 3 | G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1887-88. |
| ... | ... | ... | 2,695 | | 4 | G.O., No. 2266 W., dated 14th September 1881. Item No. 1, class C works, budget of 1887-88. |
| ... | ... | ... | 3,520 | | 5 | Estimate is awaited. |
| ... | ... | ... | 2,950 | | 6 | Do. do. |
| ... | ... | ... | 2,950 | | 7 | Do. do. |
| ... | ... | ... | 10,000 | | 8 | Estimate is awaited. Item No. 7, class C works, budget of 1887-88. |
| ... | ... | ... | 20,000 | | 9 | Estimate is awaited. Item No. 10, class C works, budget of 1887-88. |
| ... | ... | ... | 5,000 | | 10 | Estimate is awaited. Item No. 31, class C works, budget of 1887-88. |
| ... | ... | ... | 3,500 | | 11 | Estimate is awaited. Item No. 32, class C works, budget of 1887-88. |
| ... | ... | .. | 6,000 | | 12 | Estimate is awaited. Item No. 33, class C works, budget of 1887-88. |
| ... | ... | ... | 9,000 | | 13 | Estimate is awaited. Item No. 34, class C works, budget of 1887-88. |
| ... | ... | ... | 3,000 | | 14 | Estimate is awaited. Item No. 30, class C works, budget of 1887-88. |
| ... | ... | ... | 5,660 | | 15 | G.O., No. 2717 W., dated 3rd November 1884. Item No. 21, class C works, budget of 1887-88. |
| ... | ... | ... | 6,000 | | 16 | G.O., No. 1118 W., dated 14th April 1888. Item No. 22, class C works, budget of 1887-88. |
| ... | ... | ... | 8,000 | | 17 | Estimate is awaited. Item No. 24, class C works, budget of 1887-88. |
| ... | ... | ... | 12,000 | | 18 | Estimate is awaited. Item No. 25, class C works, budget of 1887-88. |
| ... | ... | ... | 10,000 | | 19 | Estimate is awaited. Item No. 23, class C works, budget of 1887-88. |

IMPERIAL.
MILITARY WORKS.

APPENDIX

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

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | MILITARY—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent. | Chingleput. | St. Thomas' Mount. | 20 | Battery office for P/1st Royal Artillery, East barracks. | ... |
| | Do. ... | Do. ... | 21 | Raising the roof of harness room, troop lines. | 4,200 |
| | Do. ... | Do. ... | 22 | Converting the disused gun-shed between the north barracks and main guard into a coffee shop, recreation room and library. | 2,520 |
| | Presidency. | Fort St. George. | 23 | Remodelling the drainage ... | ... |
| | Do. ... | Do. ... | 24 | Sundry works in connection with extra accommodation, British Infantry and Royal Artillery. | ... |
| | Do. ... | Do. ... | 25 | Repairs to floors of B, C and D blocks family quarters. | ... |
| | Do. ... | Do. ... | 26 | Construction of coach houses and stables for the use of officers. | ... |
| | Do. ... | Do. ... | 27 | Constructing two solitary cells in the Military prison. | 10,240 |
| | Do. ... | Bangalore ... | 28 | Quarters for Schoolmaster and Schoolmistress, Royal Artillery. | ... |
| | Do. ... | Do. ... | 29 | New orderly room, or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers. | ... |
| | Do. ... | Do. ... | 30 | Battery office for Royal Horse Artillery. | ... |
| | Do. ... | Do. ... | 31 | Buildings for wheeler's shop, Royal Artillery. | ... |
| | Do. ... | Do. ... | 32 | Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah. | ... |
| | Do. ... | Do. ... | 33 | Drainage, British Infantry barracks | 5,300 |
| | Do. ... | Do. ... | 34 | Quarters for Senior Apothecary North Station hospital. | |





B—*cont.*

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

| Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 5,000 | | 20 | Estimate is awaited. Item No. 26, class C works, budget of 1887-88. |
| ... | ... | ... | 4,200 | | | G.O., No. 3137 W., dated 17th December 1881. Item No. 27, class C works, budget of 1887-88. |
| ... | ... | ... | 2,520 | | | G.O., No. 1234 W., dated 28th May 1885. Item No. 29, class C works, budget of 1887-88. |
| ... | ... | ... | 10,000 | | 23 | Estimate is awaited. Item No. 14, class C works, budget of 1887-88. |
| ... | ... | ... | 20,000 | | 24 | Estimate is awaited. |
| ... | ... | ... | 10,070 | | 25 | Do. do. |
| ... | ... | ... | 15,770 | | 26 | Estimate is awaited. Item No. 15, class C works, budget of 1887-88. |
| ... | ... | ... | 2,800 | | 27 | Estimate is awaited. |
| ... | ... | ... | 10,240 | | 28 | G.O., No. 2384 W., dated 20th September 1886. Item No. 17, class C works, budget of 1887-88. |
| ... | ... | ... | 6,500 | | 29 | Estimate is awaited. Item No. 18, class C works, budget of 1887-88. |
| ... | ... | ... | 3,700 | | 30 | Estimate is awaited. |
| ... | ... | ... | 3,100 | | 31 | Do. do. |
| ... | ... | ... | 2,846 | | 32 | Do. do. |
| ... | ... | ... | 8,000 | | 33 | Do. do. |
| ... | ... | ... | 5,300 | | 34 | G.O., No. 3385 W., dated 27th November 1883. Item No. 19, class C works, budget of 1887-88. |

APPENDIX

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

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | ... |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | Military—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent Accommodation for Native troops. | Presidency. | Bangalore ... | 35 | Quarters for the Assistant Apothecary, North Station hospital. | 4,773 |
| | Vizagapatam | Vizagapatam. | 36 | Regimental store-room for Native Infantry, including storage for camp equipage. | 3,480 |
| | Bellary ... | Bellary ... | 37 | School-house for Native Infantry Regiment. | 3,030 |
| | West Coast. | Mangalore ... | 38 | Providing drains for the lines of Native Infantry. | ... |
| | Chingleput. | Pallávaram ... | 39 | Magazine for Madras Infantry Regiment on standard plan. | 4,900 |
| | Do. ... | Do. ... | 40 | Armourer's shop for Madras Infantry Regiment. | 2,880 |
| | Presidency. | Bangalore ... | 41 | Public buildings for a regiment of Native Infantry. | 30,990 |
| | Do. ... | Madras ... | 42 | Flushing drains of Native Infantry lines at Rayapuram. | 4,300 |
| | Trichinopoly. | Trichinopoly. | 43 | Store-rooms and workshop, &c., for four Pioneers. | ... |
| (2) *Ordnance Works* ... | Bellary ... | Bellary ... | 44 | Constructing six double quarters for the Staff Sergeants attached to the Ordnance Department. | 42,420 |
| | Presidency. | Fort St. George. | 45 | Magazines ... ... ... ... | ... |
| | Do. ... | Madras ... | 46 | Providing sun-shades to doors and windows in the Ordnance Lines. | 4,160 |
| | Do. ... | Do. ... | 47 | Shed for the camp equipage ... | 6,935 |
| | Chingleput. | St. Thomas' Mount. | 48 | Wooden-shed at the proof range. | 2,820 |
| (3) *Commissariat Buildings.* | Nilgiri ... | Wellington ... | 49 | Quarters for three Hospital Purveyors. | 4,750 |





B—*cont.*

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

| Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 4,773 | | 35 | G.O., No. 938 W., dated 5th April 1884. Item No. 20, class C works, budget of 1887-88. |
| ... | ... | ... | 3,480 | | 36 | G.O., No. 2628 W., dated 27th October 1884. Item No. 35, class C works, budget of 1887-88. |
| ... | ... | ... | 3,030 | | 37 | G.O., No. 149 W., dated 17th January 1884. Item No. 36, class C works, budget of 1887-88. |
| ... | ... | ... | 11,710 | | 38 | Estimate is awaited. Item No. 38, class C works, budget of 1887-88. |
| ... | ... | ... | 4,500 | | 39 | G.O., No. 334 W., dated 8th February 1886. Item No. 41, class C works, budget of 1887-88. |
| ... | ... | ... | 2,880 | | 40 | G.O., No. 3149 W., dated 22nd December 1884. Item No. 42, class C works, budget of 1887-88. |
| ... | ... | ... | 15,000 | | 41 | G.O., No. 1302 W., dated 25th May 1886. Item No. 6, class B works, budget of 1887-88. |
| ... | ... | ... | 4,300 | | 42 | G.O., No. 1397 W., dated 4th June 1884. Item No. 40, class C works, budget of 1887-88. |
| ... | ... | ... | 4,900 | | 43 | Estimate is awaited. Item No. 43, class C works, budget of 1887-88. |
| ... | ... | ... | 10,000 | | 44 | G.O., No. 1650 W., dated 18th June 1887. Item No. 8, class B works, budget of 1887-88. |
| ... | ... | ... | 33,000 | | 45 | Estimate is awaited. Item No. 9, class B works, budget of 1887-88. |
| ... | ... | ... | 4,160 | | 46 | G.O., No. 2248 W., dated 22nd August 1887. |
| ... | ... | ... | 6,935 | | 47 | G.O., No. 2558 W., dated 27th September 1887. Item No. 51, class C works, budget of 1887-88. |
| ... | ... | ... | 2,820 | | 48 | G.O., No. 3077 W., dated 13th December 1884. |
| ... | ... | ... | 4,500 | | 49 | G.O., No. 615 W., dated 21st February 1888. |

IMPERIAL.
MILITARY WORKS.

APPENDIX

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

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | |
| | | | | IMPERIAL ORDINARY—*concld.* | |
| | | | | MILITARY—*concld.* | |
| | | | | *Original Works*—concld. | |
| (3) *Commissariat Buildings.* | West Coast. | Malapuram ... | 50 | Cattle shed for the Commissariat Department. | ... |
| | Do. ... | Quilon ... | 51 | Armourer's shop ... ... ... ... | ... |
| | Chingleput. | Guindy ... | 52 | Quarters for Station Butcher attached to slaughter-house. | 5,800 |
| | Presidency. | Bangalore ... | 53 | Quarters for a Conductor, Transport Department. | ... |
| | Do. ... | Do. ... | 54 | Quarters for an Ambulance Sergeant near Cattle lines, Transport Department. | ... |
| | Do. ... | Madras ... | 55 | Workshops and sheds for carts, doolies, &c., Transport Department. | ... |
| | Do. ... | Do. ... | 56 | Quarters for a Conductor, Commissariat Department. | ... |
| | Do. ... | Teynampet ... | 57 | Constructing a wheat godown ... | 8,248 |
| (8) *Fortifications* ... | West Coast. | Malapuram ... | 58 | Constructing a fortified post ... | ... |
| | Presidency. | Fort St. George | 59 | Demolition of Wallajah ravelin and two lunettes. | ... |
| | Do. ... | Do. ... | 60 | Constructing a draw-bridge at north gate. | ... |
| | Do. ... | Do. ... | 61 | Demolition of out-houses, clearance of ditch and completion of walls. | ... |
| (4) *Staff and Miscellaneous.* | Nilgiri ... | Ootacamund. | 62 | Water-supply, Lawrence Asylum... | ... |



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MADRAS.

B—*concld.*

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

| Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 4,000 | | 50 | Estimate is awaited. |
| ... | ... | ... | 2,600 | | 51 | Estimate is awaited. |
| ... | ... | ... | 4,740 | | 52 | Estimate is awaited. Item No. 53, class C works, budget of 1887-88. |
| ... | ... | ... | 5,800 | | 53 | G.O., No. 992 W., dated 16th April 1886. Item No. 47, class C works, budget of 1887-88. |
| ... | ... | ... | 3,000 | | 54 | Estimate is awaited. Item No. 48, class C works, budget of 1887-88. |
| ... | ... | ... | 40,680 | | 55 | Estimate is awaited. Item No. 49, class C works, budget of 1887-88. |
| ... | ... | ... | 4,000 | | 56 | Estimate is awaited. |
| ... | ... | ... | 5,950 | | 57 | Estimate is awaited. Item No. 52, class C works, budget of 1887-88. |
| ... | ... | ... | 5,600 | | 58 | G.O., No. 3114 W., dated 18th November 1887. Item No. 55, class C works, budget of 1887-88. |
| ... | ... | ... | 7,426 | | 59 | Estimate is awaited. Item No. 57, class C works, budget of 1887-88. |
| ... | ... | ... | 2,680 | | 60 | Estimate is awaited. Item No. 58, class C works, budget of 1887-88. |
| ... | ... | ... | 10,000 | | 61 | Estimate is awaited. |
| ... | ... | ... | 7,000 | | 62 | Estimate is awaited. Item No. 54, class C works, budget of 1887-88. |

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 25th January 1888, No. 264 B.

Referring to paragraph 2 of this office letter, No. 1633 B., dated 2nd July 1887, recorded in Proceedings of Government, No. 4288, dated 18th idem, I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned:—

I. Estimate, Rs. 5,555, for constructing a guard-room for a European guard and a fire-engine shed for the Ordnance Depôt at Agram, Bangalore.
II. Plan.
III. Report and specification.

2. This estimate is submitted in lieu of that for Rs. 1,490 sanctioned in G.O., No. 3059 W., dated 18th December 1885 (Military Department No. 48, dated 5th January 1886), for constructing a guard-room for *Native* troops.

No. 681, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

Fort St. George,
31st January 1888.

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

Order—dated 16th February 1888, No. 536 W., Public Works.

The estimate, amounting to Rs. 5,555, for constructing a European guard-room and a fire-engine shed for the Ordnance Depôt at Agram, Bangalore, is sanctioned.

2. The necessary provision of funds for the work will be made in the final issue of the Military Works budget for 1888-89.

3. This sanction, which supersedes that accorded in G.O., No. 3059 W., dated 18th December 1885, has been registered as Imperial, Ordinary, No. 66 W. of 1887-88, and classified as Military, Original Works.

(True Extract.)

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

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

Exd. J. Moses.

Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1888} Madras.

PUBLIC WORKS.

Dated February, 16th.

Recd. Encl.

G.O., 16th Feb. 1888, No. 536 W.

FEBRUARY.

**Ordnance Depot at Agram**

Estimate for constructing a European guard-room and a fire-engine shed for the —, Bangalore, sanctioned with remarks.



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GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

Proceedings of Government, Military Department, dated 14th February 1888, No. 1078.

*Read*—the following letter from the Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 1st February 1888, No. 479 A.

Referring to Proceedings of Government, No. 629, of 27th January 1888, I am desired to note that, though G.O. in the Public Works Department, No. 80 W., of 10th January, mentions that the funds obtained from the Government of India, amounting to Rs. 7,500, are allotted to the conversion of certain buildings in Fort St. George into barracks for 60 single men, the Proceedings of Government in the Public Works Department, No. 3352 W., of 7th December 1887 (recorded in M.D., No. 7805, dated 10th idem), on which application was made to the Government of India for these funds, had reference to works connected with the new barracks provided for the garrison Battery, Royal Artillery (by conversion of a range of family quarters, British Infantry), and subsidiary buildings for them, and had no reference to the estimate, amounting to Rs. 5,400, for providing accommodation for 60 single men which was disposed of in G.O. in Public Works Department, No. 3000 W., dated 9th November 1887.*

* M.D., No 7314, dated 22nd November 1887.

2. Funds for the last named work would seem to be required, independent of the grant now made, if it is decided to carry it out, but under the arrangements contemplated in the correspondence beginning with this office, No. 51 A., dated 6th January 1888 and ending with its letter, No. 283-A, dated 19th idem, if barracks for a wing British Infantry are provided at St. Thomas' Mount there will be no necessity to disturb the offices of the Surgeons-General with the Government of Madras and of Her Majesty's Forces to make way for single men, British Infantry, in Fort St. George.

*Vide* M.D., No. 508, dated 24th January 1888.

*Order*—dated 14th February 1888, No. 1078, Military.

Communicated to the Public Works Department.

(True Extract.)

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

Order—dated 21st February 1888, No. 613 W., Public Works.

Communicated to the Superintending Engineer, V Circle.

2. With reference to paragraph 1 of his letter above recorded, the attention of the Quartermaster-General will be drawn to paragraph 5 of G.O., No. 31 W., dated 6th January 1888, in which the Government of India have already been requested to sanction for the next official year a special grant of Rs. 5,680, which is the unspent balance of the estimates detailed in the margin for the conversion of certain buildings at Fort St. George into barracks for 60 single men.

| | Rs. |
|---|---|
| Conversion of "A" block into single men's barracks ... ... ... | 13,400 |
| Repairs to "A" block, single men's barracks ... ... ... .. | 2,477 |
| Conversion of the Royal Artillery Sergeants' Mess and adjacent godowns into a latrine and lavatory. | 3,820 |
| Conversion of the old Adjutant-General's office into barracks ... | 5,400 |
| Total ... | 25,097 |

3. It is now represented that if barracks for a wing of British Infantry are provided at St. Thomas' Mount the estimate of Rs. 5,400 for conversion of the offices of the Surgeons-General with the Government of Madras and of Her Majesty's Forces need not be carried out. The special grant of Rs. 75,000 applied for in letter to the Government of India, No. 441 W., dated 7th February 1888, may in this case be reduced by Rs. 5,400.

4. Ordered that a copy of these proceedings be forwarded for the information of the Government of India.

(Here enter No. 614 W., dated 21st February 1888.)

(True Extract.)

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

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

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Endorsement—dated 21st February 1888, No. 614 W., Public Works.

Forwarded.

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

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Gobt. of {1888} Madras.

PUBLIC WORKS.

*Dated February, 21st.*

*Recd.* *Encl.*

**G.O., 21st Feb. 1888, No. 614 W.**

**FEBRUARY.**

**Single Men's Barracks at Fort St. George**

Forwarding copy of proceedings considering that the proposal for the conversion of the offices of the Surgeons-General with the Government of Madras and of Her Majesty's Forces into — may be given up if barracks are provided at St. Thomas' Mount for a wing of British Infantry.



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Colonel R. F. LOWIS, Director-General of Ordnance in India, to the Secretary to the Government of Madras, Public Works Department, dated Agra, 2nd January 1888, No. 90 E. (Tour).

With reference to the correspondence ending with my No. 62 E (Tour), dated the 16th December 1887, I have the honor to forward the following list of ordnance works which it is desired should be undertaken in the order shown in the Madras Presidency during the official year 1888-89. The amount available for each work is as entered opposite it, and is, it will be noted, in addition to the usual charges for establishment, tools and plant:—

| Description of work. | Required for | Amount. | Remarks. |
|---|---|---|---|
| | | RS. | |
| Workshop ... ... ... | Bellary Arsenal ... | 18,000 | Or only Rs. 8,000 if the Rs. 10,000 allotted this year is spent on this work before 31st March next. |
| Turners' shop ... ... ... | Gun Carriage Factory, Madras. | 10,000 | |
| Store-rooms ... ... ... | Do. ... | 6,000 | |
| Guard-room ... ... ... | Do. ... | 2,570 | |
| Armourers' shop ... ... | Bellary Arsenal ... | 4,650 | |
| Receipt and Issue godown near Arsenal gate. | Rangoon Arsenal ... | 2,500 | If desired, this will be communicated direct to the Public Works Department, British Burmah. |
| Shed ... ... ... ... | Camp Equipage Depôt, Madras. | 6,935 | |
| Minor and petty works for Ordnance establishments in the Madras Presidency as required. | ..... | 7,000 | |
| | Total ... | 57,655 | |
| | Add percentage for establishment, tools and plant ... | 14,145 | |
| | Grand Total ... | 71,800 | |

2. I trust every endeavour will be made to prepare the necessary plans and estimates as soon as possible, and to finish the works in question before the 31st March 1889.

3. As heretofore the plans and estimates, when ready, should be sent to the Inspector-General of Ordnance, Madras Circle, for approval and countersignature.

4. I shall be obliged by being informed, on 1st August 1888, of the progress made towards the completion of the several works, and whether they are all likely to be completed, or not, before the end of 1888-89, to enable me to frame the annual statement of buildings for 1889-90, which is due to the Government of India on 1st October 1888.

5. Under the authority of the Public Works Department Code, the Inspector-General of Ordnance has, I believe, power to sanction petty works, the estimated cost of which, in each case, does not exceed Rs. 500. The cost of the petty works, as required, is included in the allotment for minor and petty works.

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Order—dated 17th January 1888, No. 189 W., Public Works.

Ordered that the accompanying list of ordnance works, proposed by the Director-General of Ordnance for execution during 1888-89, be printed and circulated for the information and guidance of the officers concerned, and four copies forwarded to the Government of India with the intimation that the works detailed therein will, with the approval of the Government of India, be embodied in the final issue of the military works budget for 1888-89.

2. The sum of Rs. 71,800 allotted by the Director-General of Ordnance includes Rs. 3,120 * for a receipt and issue godown near Arsenal Gate, Rangoon. As this work is outside the Public Works Department limits of the Madras Presidency, the grant will be replaced at the disposal of the Director-General for assignment to the Public Works Department of British Burmah. The difference, Rs. 68,680, will be treated as the total assignment for ordnance works of this presidency.

| | Rs. |
|---|---|
| Works ... ... ... ... | 2,500 |
| Establishment and tools and plant... | 620 |
| Total ... | 3,120 |

3. For the new workshops for the Arsenal at Bellary the Director-General has provided Rs. 18,000 on the supposition that a portion of the current year's grant of Rs. 10,000 for the work will be spent before the close of the year. But as the estimate is still unsanctioned it is not likely that there will be a large expenditure on the work in the current year. The amount allotted by the Director-General for next year may, however, stand, subject to reduction if found necessary hereafter.

4. For constructing the police guard-room at the Gun Carriage Factory, Madras, a sum of Rs. 2,570 has been provided under Major Works, but the estimate sanctioned † for the work amounts to Rs. 2,460 only. It will therefore be classed as a minor work, and the provision of Rs. 2,570 added to the lump sum grant for "Minor Works," which will then amount to Rs. 9,570. This sum will, as usual, be held at the disposal of Government; and, after providing for incomplete works of the current year, the balance will be placed at the disposal of the Inspector-General of Ordnance for appropriation for such works as he may consider necessary. Superintending Engineers will, in submitting their statements of demands for incomplete and minor works under Imperial, Military, prepare separate lists for ordnance works.

* Works ... ... ... ... 2,500
Establishment and tools and plant... 620
Total ... 3,120

† *Vide* G.O., No. 2705 W., 13th Oct. 1887.

5. Plans and estimates for items 1 to 3 should be submitted as early as possible to admit of the grants being utilised, the approval and countersignature of the Inspector-General of Ordnance, Madras, being obtained in the first instance, as pointed out in paragraph 3 of the Director-General's letter.

6. The attention of all Superintending Engineers is drawn to paragraph 4, in view to the required information being furnished by those officers to the Director-General by 1st August of every year.



1888
3/17

7. With reference to paragraph 5 of his letter, the Director-General is informed that, under paragraph 1073 of the Madras Public Works Code, the Inspector-General of Ordnance is empowered to sanction estimates for minor works to the extent of Rs. 500 in each case.

(Here enter No. 190 W., dated 17th January 1888.)

(True Extract.)

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

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

Fxd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1888} Works.

PUBLIC WORKS.

*Dated January, 17th.*

*Read.*

*Encl.*

**G.O., 17th Jan. 1888, No. 189 W.**

**JANUARY.**

*Appendix to G.O., No. 189 W., dated 17th January 1888.*

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. Actual to end of 1886-87. | Outlay. Probable during 1887-88. | Grant, 1888-89. Works in progress. | Grant, 1888-89. Works not commenced. | Grant, 1888-89. Total. | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | | IMPERIAL, ORDINARY. | | | | | | | | |
| | | | | MILITARY. | | | | | | | | |
| | | | | *Original Works.* | | | | | | | | |
| 2. Ordnance Works. | Bellary .. | Bellary .. | 1 | New workshops for the Arsenal. | .. | .. | 6,858 | 18,000 | .. | .. | 1 | Estimate is awaited. |
| | Do. .. | Do. .. | 2 | Armourer's shop for the Arsenal. | .. | .. | .. | .. | 4,650 | .. | 2 | Do. do. |
| | Presidency .. | Madras .. | 3 | Turner's shop, Gun Carriage Factory. | .. | .. | .. | .. | 10,000 | .. | 3 | Do. do. |
| | Do. .. | Do. .. | 4 | Extra accommodation as store room in the Gun Carriage Factory. | 6,245 | .. | .. | .. | 6,000 | .. | 4 | G.O., No. 2946 W., dated 5th November 1887. |
| | Do. .. | Do. ... | 5 | Constructing a new shed at the Camp Equipage Depôt. | 6,935 | .. | .. | .. | 6,935 | .. | 5 | G.O., No. 2458 W., dated 27th September 1887. |
| | .. | .. | 6 | Minor works .. .. | .. | .. | .. | .. | 9,570 | .. | 6 | |
| | | | | Total .. | .. | .. | .. | 18,000 | 37,155 | 55,155 | | |

Abstract of the Budget Estimate of Expenditure on Ordnance Works in Madras for the year from 1st April 1888 to 31st March 1889.

| | | Budget Estimate, 1888-89. |
|---|---|---|
| | | Rs. |
| Original Works ... | In progress ... ... ... ... ... | 18,000 |
| | Not commenced ... ... ... ... ... | 37,155 |
| Establishment ... ... ... ... ... ... ... ... | | 12,698 |
| Tools and Plant ... ... ... ... ... ... ... | | 827 |
| | Total ... | 68,680 |

**Ordnance Works**

Orders on list of — proposed for execution during 1888-89.

*Appendix to G.O., No. 189 W., dated 17th January 1888.*

| Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. | | Grant, 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| | | | | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | IMPERIAL, ORDINARY. | | | | | | | | |
| | | | MILITARY. | | | | | | | | |
| | | | *Original Works.* | | | | | | | | |
| Bellary .. | Bellary .. | 1 | New workshops for the Arsenal. | .. | .. | 5,858 | 18,000 | .. | .. | 1 | Estimate is awaited. |
| Do. .. | Do. .. | 2 | Armourer's shop for the Arsenal. | .. | .. | .. | .. | 4,650 | .. | 2 | Do. do. |
| Presidency .. | Madras .. | 3 | Turner's shop, Gun Carriage Factory. | .. | .. | .. | .. | 10,000 | .. | 3 | Do. do. |
| Do. .. | Do. .. | 4 | Extra accommodation as store room in the Gun Carriage Factory. | 6,245 | .. | .. | .. | 6,000 | .. | 4 | G.O., No. 2946 W., dated 5th November 1887. |
| Do. .. | Do. .. | 5 | Constructing a new shed at the Camp Equipage Depôt. | 6,935 | .. | .. | .. | 6,935 | .. | 5 | G.O., No. 2558 W., dated 27th September 1887. |
| .. | .. | 6 | Minor works .. .. | .. | .. | .. | .. | 9,570 | .. | 6 | |
| | | | Total .. | .. | .. | .. | 18,000 | 37,155 | 55,155 | | |

Abstract of the Budget Estimate of Expenditure on Ordnance Works in Madras for the year from 1st April 1888 to 31st March 1889.

| | | Budget Estimate, 1888-89. |
|---|---|---|
| | | Rs. |
| Original Works ... | In progress ... ... ... ... ... | 18,000 |
| | Not commenced ... ... ... ... ... | 37,155 |
| Establishment ... ... ... ... ... ... ... ... | | 12,698 |
| Tools and Plant ... ... ... ... ... ... ... | | 827 |
| | Total ... | 68,680 |

*Appendix to G.O., No. 189 W., dated 17th January 1888.*

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. | | Grant, 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| | | | | | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | | IMPERIAL, ORDINARY. | | | | | | | | |
| | | | | MILITARY. | | | | | | | | |
| | | | | *Original Works.* | | | | | | | | |
| 2. Ordnance Works. | Bellary .. | Bellary .. | 1 | New workshops for the Arsenal. | .. | .. | 6,858 | 18,000 | .. | 22,650 | 1 | Estimate is awaited. |
| | Do. .. | Do. .. | 2 | Armourer's shop for the Arsenal. | .. | .. | .. | .. | 4,650 | .. | 2 | Do. do. |
| | Presidency .. | Madras .. | 3 | Turner's shop, Gun Carriage Factory. | .. | .. | .. | .. | 10,000 | .. | 3 | Do. do. |
| | Do. .. | Do. .. | 4 | Extra accommodation as store room in the Gun Carriage Factory. | 6,245 | .. | .. | .. | ~~6,000~~ 4,245 | .. | 4 | G.O., No. 2946 W., dated 5th November 1887. |
| | Do. .. | Do. .. | 5 | Constructing a new shed at the Camp Equipage Depôt. | 6,935 | .. | .. | .. | ~~6,935~~ | .. | 5 | G.O., No. 2558 W., dated 27th September 1887. |
| | .. | .. | 6 | Minor works .. .. | .. | .. | .. | .. | 9,570 | .. | 6 | |
| | | | | Total .. | .. | .. | .. | 18,000 | 37,155 | 55,155 | | |

Abstract of the Budget Estimate of Expenditure on Ordnance Works in Madras for the year from 1st April 1888 to 31st March 1889.

| | | Budget Estimate, 1888-89. |
|---|---|---|
| | | Rs. |
| Original Works ... | In progress ... ... ... ... ... | 18,000 |
| | Not commenced ... ... ... ... ... | 37,155 |
| Establishment ... ... ... ... ... ... ... ... ... | | 12,698 |
| Tools and Plant ... ... ... ... ... ... ... | | 827 |
| | Total ... | 68,680 |

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GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Colonel R. F. LOWIS, Director-General of Ordnance in India, to the Secretary to the Government of Madras, Public Works Department, dated Agra, 2nd January 1888, No. 90 E. (Tour).

With reference to the correspondence ending with my No. 62 E (Tour), dated the 16th December 1887, I have the honor to forward the following list of ordnance works which it is desired should be undertaken in the order shown in the Madras Presidency during the official year 1888-89. The amount available for each work is as entered opposite it, and is, it will be noted, in addition to the usual charges for establishment, tools and plant:—

| Description of work. | Required for | Amount. | Remarks. |
|---|---|---|---|
| | | RS. | |
| Workshop ... ... ... | Bellary Arsenal ... | 18,000 | Or only Rs. 8,000 if the Rs. 10,000 allotted this year is spent on this work before 31st March next. |
| Turners' shop ... ... ... | Gun Carriage Factory, Madras. | 10,000 | |
| Store-rooms ... ... ... | Do. ... | 6,000 | |
| Guard-room ... ... ... | Do. ... | 2,570 | |
| Armourers' shop ... ... | Bellary Arsenal ... | 4,650 | |
| Receipt and Issue godown near Arsenal gate. | Rangoon Arsenal ... | 2,500 | If desired, this will be communicated direct to the Public Works Department, British Burmah. |
| Shed ... ... ... ... | Camp Equipage Depôt, Madras. | 6,935 | |
| Minor and petty works for Ordnance establishments in the Madras Presidency as required. | ..... | 7,000 | |
| | Total ... | 57,655 | |
| | Add percentage for establishment, tools and plant ... | 14,145 | |
| | Grand Total ... | 71,800 | |

2. I trust every endeavour will be made to prepare the necessary plans and estimates as soon as possible, and to finish the works in question before the 31st March 1889.

3. As heretofore the plans and estimates, when ready, should be sent to the Inspector-General of Ordnance, Madras Circle, for approval and countersignature.

4. I shall be obliged by being informed, on 1st August 1888, of the progress made towards the completion of the several works, and whether they are all likely to be completed, or not, before the end of 1888-89, to enable me to frame the annual statement of buildings for 1889-90, which is due to the Government of India on 1st October 1888.

5. Under the authority of the Public Works Department Code, the Inspector-General of Ordnance has, I believe, power to sanction petty works, the estimated cost of which, in each case, does not exceed Rs. 500. The cost of the petty works, as required, is included in the allotment for minor and petty works.

---

ORDER—dated 17th January 1888, No. 189 W., Public Works.

Ordered that the accompanying list of ordnance works, proposed by the Director-General of Ordnance for execution during 1888-89, be printed and circulated for the information and guidance of the officers concerned, and four copies forwarded to the Government of India with the intimation that the works detailed therein will, with the approval of the Government of India, be embodied in the final issue of the military works budget for 1888-89.

2. The sum of Rs. 71,800 allotted by the Director-General of Ordnance includes Rs. 3,120 * for a receipt and issue godown near Arsenal Gate, Rangoon. As this work is outside the Public Works Department limits of the Madras Presidency, the grant will be replaced at the disposal of the Director-General for assignment to the Public Works Department of British Burmah. The difference, Rs. 68,680, will be treated as the total assignment for ordnance works of this presidency.

| | Rs. |
|---|---|
| Works ... ... ... ... | 2,500 |
| Establishment and tools and plant ... | 620 |
| Total ... | 3,120 |

3. For the new workshops for the Arsenal at Bellary the Director-General has provided Rs. 18,000 on the supposition that a portion of the current year's grant of Rs. 10,000 for the work will be spent before the close of the year. But as the estimate is still unsanctioned it is not likely that there will be a large expenditure on the work in the current year. The amount allotted by the Director-General for next year may, however, stand, subject to reduction if found necessary hereafter.

4. For constructing the police guard-room at the Gun Carriage Factory, Madras, a sum of Rs. 2,570 has been provided under Major Works, but the estimate sanctioned † for the work amounts to Rs. 2,460 only. It will therefore be classed as a minor work, and the provision of Rs. 2,570 added to the lump sum grant for "Minor Works," which will then amount to Rs. 9,570. This sum will, as usual, be held at the disposal of Government; and, after providing for incomplete works of the current year, the balance will be placed at the disposal of the Inspector-General of Ordnance for appropriation for such works as he may consider necessary. Superintending Engineers will, in submitting their statements of demands for incomplete and minor works under Imperial, Military, prepare separate lists for ordnance works.

5. Plans and estimates for items 1 to 3 should be submitted as early as possible to admit of the grants being utilised, the approval and countersignature of the Inspector-General of Ordnance, Madras, being obtained in the first instance, as pointed out in paragraph 3 of the Director-General's letter.

6. The attention of all Superintending Engineers is drawn to paragraph 4, in view to the required information being furnished by those officers to the Director-General by 1st August of every year.

* Works ... ... ... ... Rs. 2,500
Establishment and tools and plant ... 620
Total ... 3,120

† *Vide* G.O., No. 2705 W., 13th Oct. 1887.



7. With reference to paragraph 5 of his letter, the Director-General is informed that, under paragraph 1073 of the Madras Public Works Code, the Inspector-General of Ordnance is empowered to sanction estimates for minor works to the extent of Rs. 500 in each case.

(Here enter No. 190 W., dated 17th January 1888.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secretary to Govt., P.W.D.

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

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ENDORSEMENT—dated 17th January 1888, No. 190 W., Public Works.

Copy of the above forwarded to the Government of India, Military Department.

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secretary to Govt., P.W.D.

Frd. E. Fernandez
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

# Govt. of {1888} Madras.

## PUBLIC WORKS.

*Dated January, 17th.*

*Read.* *Encl.*

**G.O., 17th Jan. 1888, No. 190 W.**

**JANUARY.**

**Ordnance Works**

Forwarding copy of orders on list of — proposed for execution during 1888-89.



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read again—

G.O., dated 16th December 1887, No. 3441 W., Public Works.

Read—also the following papers:—

Telegram from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 4th January 1888, No. 10 M.W.

Your No. 3441 W., dated 16th December. Purchase land, Vepery. Case under consideration, but no additional grant available this year. In any case Government would not be prepared to purchase more land than is actually required for the purpose.

From Colonel H. McLEOD, R.A., Inspector-General of Ordnance, to the Superintending Engineer, V Circle, dated Fort St. George, 10th January 1888, No. E/13572.

I have the honor to inform you that it is proposed to recommend to the Director-General of Ordnance in India the erection of public quarters for 89 Carnatic Ordnance Artificers and 416 lascars of this department serving at Madras on the vacant ground in the vicinity of the Gun Carriage Factory, a portion of which has already been or about to be allotted for the erection of a coal shed. I shall therefore feel obliged by your causing me to be furnished with a plan and estimate of the same, together with the probable cost of the purchase of the ground referred to.

No. 4300.

Forwarded to the Chief Engineer, Public Works Department, for favor of orders if the plans and estimates called for should be prepared, as by G.O., No. 28 W., dated 6th January 1888, the land on which it is proposed to build the quarters for the artificers and lascars is not to be acquired by Government.

(Signed) H. M. VIBART, Colonel, R.E.,
11th January 1888. Superintending Engineer, V Circle.

From M.R.Ry. C. V. CUNNIAH CHETTY, to the Sub-divisional Officer, Military Works, Fort St. George, dated Madras, 26th January 1888, No. 341.

With reference to your letter, No. 2982, dated the 24th instant, I very much regret to have to inform you that I cannot sell to Government only the place-of-arms and the ground on which it stands; for, even if I am disposed to sell it, it will be useless

to purchase it, as it stands almost in the centre of my land several yards off from the road on all sides and there is no means of approaching the building. Then again, even if it is proposed to purchase also the vacant land to the south of the building as far as the road which lies to the north of the Gun Carriage Factory, there is an objection to agree to the proposal, as the erection of a coal store will necessarily prevent the occupation of the three small bungalows which now yield me rents.

2. I may also state that I have a vacant piece of land, measuring from 90 to 100 grounds, to the north of the Vepery high road, and that if the Government are disposed to purchase it for the coal store, I shall be glad to let them have it on the same terms on which I agreed to sell the plot which has been under negotiation.

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From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Cuddalore, 8th February 1888, No. 4718.

With reference to G.O., No. 28 W., dated 6th January 1888, I have the honor to state that Mr. Cunniah Chetty is not willing to sell only the place-of-arms and the ground on which it stands.

2. There is a triangular piece of ground between the Penitentiary and the People's Park, which is a convenient site for the coal store, with reference to the Gun Carriage Factory, but there will be the objection to it stated in paragraph 2 of the Quarter-master-General's letter in G.O., No. 3441 W., dated 16th December 1887, in reference to another site, viz., that the coal dust would be liable to be carried into the General Hospital by the prevailing winds when any quantity of coal is being moved, and there will also perhaps be the objection to the coal store being placed immediately opposite the "Victoria Hall" now approaching completion.

3. Mr. Cunniah Chetty offers, in paragraph 2 of his letter enclosed, to sell to Government land north of the Vepery high road, and he evidently wishes that the whole plot (about 100 grounds) should be purchased by the Government. The land originally negotiated for is about the same extent, and, as the Director-General of Ordnance has proposed the erection of quarters for the Ordnance Artificers and lascars of the Gun Carriage Factory, it would be advisable if Mr. Cunniah Chetty's land and buildings in the vicinity of the Gun Carriage Factory be purchased as originally proposed.

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Telegram from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 21st February 1888, No. 406 M.W.

Your telegram 11th February. Purchase of land for coal store, &c., sanctioned, chargeable to Military Works. Payment must be deferred till after 1st April, unless you can meet expenditure by reappropriations within current year's grant.

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Order—dated 24th February 1888, No. 663 W., Public Works.

In their telegram of the 21st February 1888, No. 406 M.W., recorded above, the Government of India sanction the purchase of the land proposed to be acquired near the Gun Carriage Factory, Madras, for a coal store and the erection of public quarters for artificers and lascars of the Ordnance Department.

2. The land, including the buildings thereon, is described in paragraph 3 of the Superintending Engineer's letter, No. 2856, dated 15th October 1887, printed with G.O., No. 3141 W., dated 16th December 1887, and the whole property is offered for Rs. 41,625. Arrangements will now be made by the Superintending Engineer in communication with the Government Solicitor for the regular conveyance of the



property to Government. Payment of the purchase money to be made on the 15th April next. The Government of India will, meanwhile, be requested to make special provision, in the Military Works budget of 1888-89, for the sum required, viz. Rs. 41,625.

(Here enter No. 664 W., dated 24th February 1888.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Government Solicitor, with copy of G.O., No. 3441 W., dated 16th December 1887.
" Military Department.

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Letter—to the Secretary to the Government of India, Military Department, dated Fort St. George, 24th February 1888, No. 664 W.

In forwarding, for the information of the Government of India, the accompanying proceedings of this Government, No. 663 W., dated 24th February 1888, I am to request that the requisite provision may be made in the Military Works budget of 1888-89 for the land required for the coal store and Ordnance buildings at Madras, the purchase of which has been authorised in your telegram, No. 406 M.W., dated 21st February 1888.

2. There are no savings on the grant for the current year from which the requisite appropriation of funds can be made.

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secretary to Govt., P.W.D.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

*Dated February, 24th.*

*Recd.* *End*

G.O., 24th Feb. 1888, Nos. 663, 664 W.

FEBRUARY.

Land

Requesting that the requisite provision be made in the Military Works budget for 1888-89 for certain piece of land required for a coal store and certain Ordnance buildings at Madras.



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, 1st February 1888, No. 480 A.:—

Referring to G.O., Public Works Department, No. 31 W., dated 6th January 1888, communicated to the Commander-in-Chief under Military Department No. 522, dated 25th January 1888, I have the honor to submit the following remarks.

2. As the estimate for facing the walls of the *enceinte* of Fort St. George with Portland cement has been dealt with under the head of Repairs, item No. 8 of class B works in the preliminary budget estimate for 1888-89 ought apparently to be omitted from the list, and the Commander-in-Chief would suggest its being replaced by the work of constructing a fire-engine shed and guard-room in the Agram entrenchment, Bangalore, for which an estimate, amounting to Rs. 5,555, was submitted with this office No. 264 B., dated 25th January 1888.

3. The following ordnance works in list of works class C, included under the head (i) "Accommodation for troops," should be transferred and placed under head (ii) Ordnance Works:—

Item No. 8, Armourers' shop for Arsenal, Bellary.
" " 23, Wooden shed at proof range, St. Thomas' Mount.

4. As regards item 3 in margin of paragraph 4 of G.O., No. 31 W., dated 6th January, it is noted that inquiries showed that the Government school building at Bellary is not available for conversion into quarters for warrant officers of the Ordnance Department, and that moreover it is by no means suited for the purpose.

No. 860, Military.

Transferred to the Public Works Department for disposal.

(By Order.)

FORT ST. GEORGE,
7th February 1888.

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

ORDER—dated 11th February 1888, No. 504 W., Public Works.

The alterations referred to in paragraphs 2 and 3 of the Quartermaster-General's letter above recorded will be carried out in the final issue of the Military Works budget for 1888-89.

2. Paragraph 4 of the letter will be communicated to the Director-General of Ordnance for information. The work referred to appears under class C in the preliminary issue of the budget. It will be omitted from the final issue.

(True Extract.)

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

To the Superintending Engineer, V Circle.
" Military Department.
" Director-General of Ordnance.

Exd. J. Moses.

Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1888} Madras.

PUBLIC WORKS.

*Dated February, 11th.*

*Read.* *Encl.*

**G.O., 11th Feb. 1888, No. 504 W.**

FEBRUARY.

**Military Works Budget**
**Estimate for 1888-89**

Orders on letter from the Quartermaster-General remarking on certain points in the preliminary issue of the —.



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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**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, 14th January 1888, No. 205 A :—

Referring to G.O., No. 5917, dated 27th September 1887, I have the honor to forward, for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below-mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned :—

Estimate, amounting to Rs. 4,158, for constructing saddle and store rooms for the use of the British cavalry regiment at Bangalore, with report, specification and plan.

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No. 338, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

FORT ST. GEORGE,
17th January 1888.

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

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ORDER—dated 6th February 1888, No. 423 W., Public Works.

The estimate, amounting to Rs. 4,158, for constructing saddle and store rooms for the use of the British cavalry regiment at Bangalore, is sanctioned.

2. A sum of Rs. 4,500 having been provided for the work in the preliminary issue of the Military Works budget for 1888-89, the excess provision, Rs. 342, will be withdrawn in the final issue.

3. This sanction has been registered as Imperial Ordinary, No. 63 W. of 1887-88, and classified as Military Works.

(True Extract.)

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

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

Exd: A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.
PUBLIC WORKS.

Dated February, 6th.

Read.

Encl.

G.O., 6th Feb. 1888, No. 423 W.

FEBRUARY.

British Cavalry Regiment at Bangalore

Estimate for constructing saddle and store rooms for the use of the —, sanctioned with remarks.

Accounts.
Budget.

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

GOVERNMENT OF INDIA.

# MILITARY DEPARTMENT.

*Extract from the Proceedings of the Government of India, Military Department,—(No. 640-M-W, under date Fort William, 23rd March 1888).*

MADRAS.

*Orders on the Military Works revised estimate for 1887-88 and budget estimate for 1888-89.*

READ—

Military Department Resolution No. 2309-M-W, dated 3rd November 1887.
Letter No. 32-W, dated 6th January 1888, from the Government of Madras.
Letter No. 190-W, dated 17th January 1888, from the Government of Madras.
Letter No. 441-W, dated 7th February 1888, from the Government of Madras.
Letter No. 614-W, dated 21st February 1888, from the Government of Madras.

RESOLUTION.—The estimates of revenue are accepted for the sums entered in the following table :—

XXXI.—REVENUE.

| | Actuals, 1886-87. | Budget estimate, 1887-88. | Revised estimate, 1887-88. | Budget estimate, 1888-89. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In the Public Works Department ... | 23,984 | 25,000 | 25,000 | 27,800 |

44.—EXPENDITURE.

*Revised estimate, 1887-88.*

2. The revised estimate is passed for the amount of the existing grant Rs. 5,73,500, which includes the additional grants of Rs. 7,500 and Rs. 16,000 sanctioned in Military Department letter No. 2528-M-W, dated 19th December 1887, and telegram No. 376-M-W, dated 17th February 1888, for the conversion into barracks of buildings in Fort St. George and for Minor Works, respectively.

*Budget estimate, 1888-89.*

3. The estimate has been framed for the provisional grant of Rs. 5,25,000, sanctioned in Military Department Resolution No. 2309-M-W, of 3rd November 1887, but a further sum of Rs. 99,300 is hereby allotted to provide for expenditure on Ordnance Works in Madras. Out of this sum provision must be made to meet the cost of land required for a coal store at Vepery; the balance will be distributed, as far as may be, in accordance with Madras Government Order No. 189-W, of the 17th January 1888: the necessary modifications being determined by the Government of Madras in communication with the Director-General of Ordnance.

4. The Government of India regrets that no extra grant can be assigned for the provision of additional accommodation for troops at St. Thomas' Mount until full information is received as to the details of the scheme. If the project be approved, the necessary funds will probably have to be provided by postponing some of the works now entered in the budget estimate.

5. The details of the estimates of expenditure passed by the Government of India are exhibited in the following table :—

| | Actuals, 1886-87. | Budget estimate, 1887-88. | Revised estimate, 1887-88. | Budget estimate, 1888-89. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Original Works { In progress ... / Not commenced ... | 1,45,707 | 1,42,600 | 1,62,300 | 57,300 / 63,300 |
| Repairs ... ... ... ... | 3,11,795 | 3,00,000 | 2,78,500 | 3,00,000 |
| Total Works and Repairs ... | 4,57,502 | 4,42,600 | 4,40,800 | 4,20,600 |
| Establishment ... ... ... | 1,06,754 | 1,03,000 | 1,02,600 | 98,100 |
| Tools and Plant ... ... ... | 4,589 | 4,400 | 6,600 | 6,300 |
| | 5,68,845 | 5,50,000 | 5,50,000 | 5,25,000 |
| Add—Grants sanctioned since submission of revised estimate ... ... | ..... | ..... | 7,500 / 16,000 | ..... |
| | 5,68,845 | 5,50,000 | 5,73,500 | 5,25,000 |
| Add—Grant sanctioned for Ordnance Works | ..... | ..... | ..... | 99,300 |
| | 5,68,845 | 5,50,000 | 5,73,500 | 6,24,300 |
| Deduct Expenditure in England ... | 1,638 | ..... | ..... | ..... |
| Net Expenditure in India ... | 5,67,207 | 5,50,000 | 5,73,500 | 6,24,300 |

6. The provision made for works in anticipation of sanction of detailed estimates, is admitted on the understanding that work will not be commenced until the estimates have been approved by competent authority.

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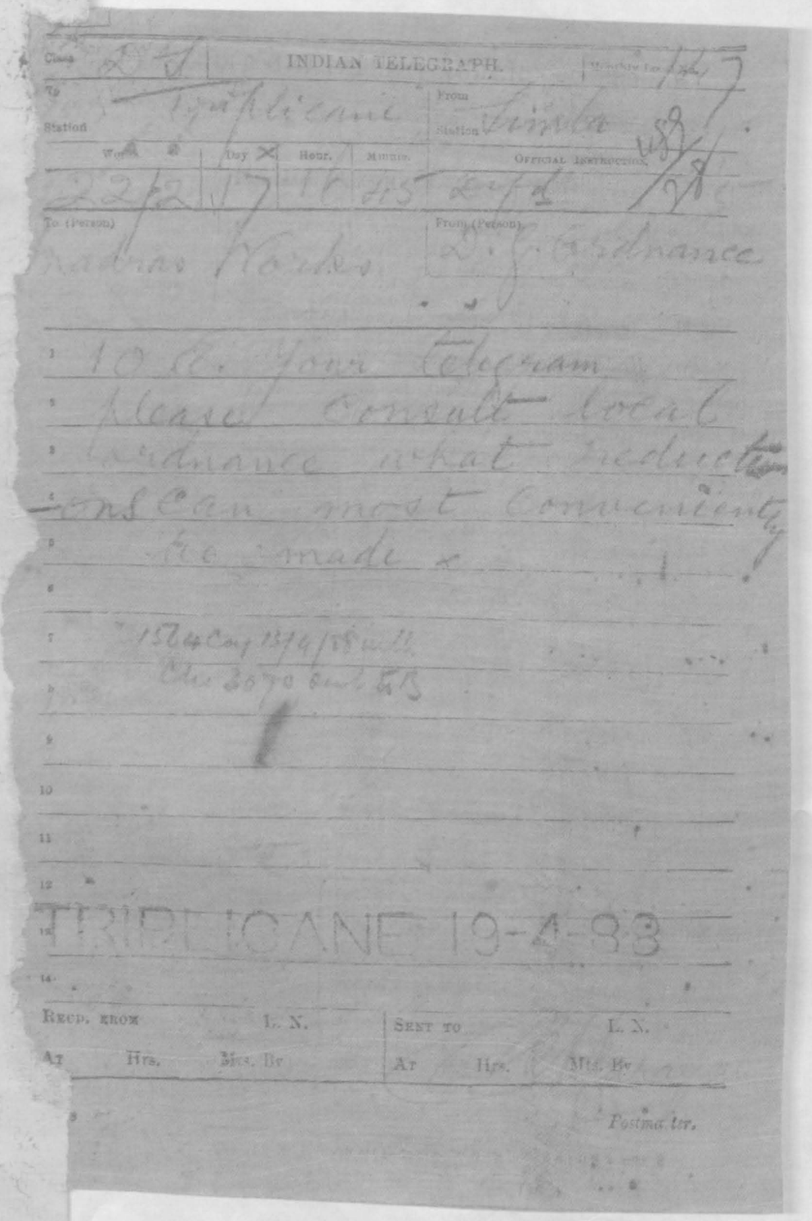
ORDER.—Ordered, that this resolution be communicated to the Government of Madras, with the request that 45 copies of the estimates, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1888.

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

(True extract)

(Signed) H. H. H. COLLEN,

*Secretary to the Government of India.*



## RATES OF CHARGE FOR INLAND TELEGRAMS.

*The address (including name of Sender, and name and residence of Addressee) is transmitted free.*

| | First 8 words. | Each additional word |
|---|---|---|
| Deferred Message | ... 8 Annas | ... 1 Anna. |
| Ordinary " | ... 1 Rupee | ... 2 Annas. |
| Urgent " | ... 2 Rupees | ... 4 Annas |

A group of 3, or less figures, is reckoned as one word.

No charge for delivery within a distance of 5 Miles.

Rg 19-4-88

No. 1632-4W-88

RD

S. Ellis, C.E.G.I.S.P.—No. 207 P.O.—6-12-87—1,000 Blks.

(17)
28

Endorsement No
1200 W of 23rd April
and the Budget
estimate for Stationery
of W and despatch
to the Government
of India in the
Military Deptt.

Please inform date
of despatch so that
spare copies may be
sent.

Govt Press AR
Fort St George 28/4/88

W

Endorsement No 1006 W
d/23.IV.88 with budget
submitted for signature.

DHC
29.IV.88

Kazee

Above signed
and desp.d to India,
Military dept. today.

DHC
30.IV.88

Military Buildings

No. 1966

1159/30

Government of Madras.

MILITARY DEPARTMENT.

Fort St. George, the 14th March 1888.

From the Quarter Master General,
to the Secretary to Government Milty. Department,
No 1227/8, dated Ootacamund, 11th March 1888.

Referring to G.O. No 522, dated 25th January 1888, circulating the Preliminary Issue of the Budget for 1888/89. I am desired to request that the item of constructing lines for Transport Attendants at Madras, 59. Class C. Works, may be struck out of the P.W.D Budget, this work being one for which the Commander-in-Chief considers funds should be provided in the Military Department, in the same manner as for hutting of Native Troops.

---

Order.- Communicated to the P.W. Department with reference to G.O. No 211W, dated 6th January 1888, with a request that the item mentioned may be struck out of the Budget.

(True Extract)

A Kennedy Herbert Brigr. Genl.
Secretary to Government

To
The Public Works Department.

JCD

31 W 6-1-88

950 W of 22.3.88

13

Recorded

2. The necessary connection will be made in the final issue of the Military Works Budget for 1888-89.

WWR
22.3.88

22/3/88

Bh
23/3

To Garrison Engr. Delhi
Dept. " S.E. V.C.S.
24/3

P.W.C. No. 2740

R. 21.3.88

No. 950 W of 22.3.88

No $\frac{663}{664}$ W of 24.2.88.
" 564 C of 13-4-88
" 1541 C of 12-4-88
" 1443 C of 4-4-88
" 190 W of 17-1-88
" 423 W of 6.2.88
" 504 W of 11.2.88
" 950 W of 23.3.88
" 536 W of 16.2.88
" 31 W of 6-1-88
" $\frac{869}{870}$ W of 16.3.88
" 614 W of 21.2.88
" $\frac{440}{441}$ W of 7.2.88

4/3/32

4/3/33

Telegram (Deferred)

To

The Director General of Ordnance
Simla.

Barracks providing Rs. 41,625 for coal store and artificers' quarters for purchase site
Vepery, Govt. of India assign Rs 46,320 for works against Rs 55,155 referred to in 189 W 17th January 1888. Please advise from which works shown in your 906 of 2nd January, difference Rs 8830 can be reduced.

WWR
4.4.88

CR

A/4/4

No. 190 W dy 17-1-88
- 663-W - 24-2-88
" 248 W - 21-1-88
" 28 W - 6-1-88
- 3441-2W - 16-12-87

C

INDIAN TELEGRAPH.

1159/34

03350
Local No.

To (Station) Tripplicane

From (Station) Simla

| Words. | Day. | Hour. | Minute | Official Instructions. |
|---|---|---|---|---|
| 41/10 | 10. | 15T | 1 | |

To (Person) Madras Works & Co.

From (Person) D. Ordnance

4 telegram 4 april and para 3 Madras govt orders 10'0 W 17 January please wire How much of rupees Ten Thousand was spent on arsenal workshop bellary upto to 31 march last

Recd. from At Hrs. L. N. Mts., By

Sent to At Hrs. L. N. Mts., By

Date MADRAS 11-4-88

Telegraph Master.

No. 190 W dy 17-1-88
- 663-4W - 24-2-88

1193/85

Telegram (Urgent)

Supty. Engr. III Circle.

Please wire outlay on Arsenal Workshops Bellary upto 31st March 1888

Desp. 12.4.88

Answd 12.4.88

4-4-88

17-1-88

Telegram

11/14

INDIAN TELEGRAPH.

1884 Local No. 04000

To (Station) Madras

From (Station) Bellary

| Words. | Day. | Hour. | Minute. | Official Instruction. |
|---|---|---|---|---|
| 14 | 4 | 12 | 15 | Dept |

To (Person) Chief Engineer

From (Person) Supg Engineer

outlay on arsenal workshops is rupees 6858

Rec'd. from ... L. N.

At ... Hrs. ... Min., By

Sent to ...

At ... Hrs. ... L. N. Min., By

Date

MADRAS 12-4-83

Telegraph Master.

11/13/4

No. 1443 c 4/4-4-88
" 1906 " 17-1-88

AWC No. 342

R 13.4.88

No. 1564 c 4/13 April 1888

Telegrams (Urgent)

D. G. Ordnance
Simla.

"Your telegram tenths. Rupees 6888 spent on Arsenal Workshops Bellary up to 31st March."

13.4.88

No. 1541C 4/12-4-88
" 1443C " 4-4-88
" 190 W - 17-1-88

No. 1631C 4/17-4-88

To 1159/38
The Inspector General
of Ordnance
Madras.

Sir,

In forwarding the accompanying copy of telegram from the Director General of Ordnance dated 17th April 1888, I have the honor to state that Rs. 99,300 have been allotted by the Govt. of India for Ordnance Works of 1888-89, and that after deducting therefrom Rs. 41,625 for the purchase of land for coal store and artificers' quarters at Vepery and Rs. 11,350 for "Establishment and "Tools and Plant" charges, the balance available for works will be Rs. 46,325 against Rs. 55,155 referred to in G. O. No: 189 W dated 17th January 1888 (copy enclosed). I am therefore to request the favor of your informing me, ~~from which~~ the items in the statement appended to the accompanying G. O. ~~from which~~ ~~you propose to reduce~~ the difference Rs. 8,830, can be most conveniently reduced a

2. As the final issue of the Military Works budget should be printed and submitted so as to reach the Govt. of India not later than the 1st May 1888 the favour of a very early reply is specially requested.

Lucas
19.4.88

1199-1200 W

No 190 W dy 17-1-88

PRELIMINARY ISSUE.

1155/89

IMPERIAL.
MILITARY WORKS. MADRAS.

PUBLIC WORKS DEPARTMENT.

# IMPERIAL BUDGET-ESTIMATE

OF

# MILITARY WORKS

OF THE

# GOVERNMENT OF MADRAS

FOR THE YEAR

# 1888-89.

CHEPÂK,
6th January 1888.

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

IMPERIAL.
ILITARY 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 1888 TO 31st MARCH 1889.

| | Budget-Estimate, 1888-89. | Revised Estimate, 1887-88. | Budget-Estimate, 1887-88. | Actuals, 1886-87. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In Public Works Department ... ... ... | 27,800 | 25,000 | 25,000 | 23,084 |
| In Civil and Military Departments ... ... ... | ... | ... | ... | ... |
| Total ... | 27,800 | 25,000 | 25,000 | 23,084 |

## CHARGES.

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

| | Reference to Detailed Estimate. | Budget-Estimate, 1888-89. | Revised Estimate, 1887-88. | Budget-Estimate, 1887-88. | Actuals, 1886-87. |
|---|---|---|---|---|---|
| | | Rs. | Rs. | Rs. | Rs. |
| Original Works. In progress ... | ... | 57,280 | 1,62,252 | 1,42,600 | 1,45,707 |
| Original Works. Not commenced. | ... | 63,320 | | | |
| Repairs ... ... Ordinary ... | ... | 3,00,000 | 2,78,518 | 3,00,000 | 3,11,795 |
| Repairs ... ... Special ... | ... | ... | | | |
| Establishment ... ... ... | ... | 98,100 | 1,02,630 | 1,03,000 | 1,06,754 |
| Tools and Plant ... ... ... | ... | 6,300 | 6,600 | 4,400 | 4,589 |
| Suspense Account ... ... ... | ... | ... | ... | ... | ... |
| Total ... | ... | 5,25,000 | 5,50,000 | 5,50,000 | 5,68,845 |



IMPERIAL.
MILITARY WORKS.

MADRAS.

1158/91

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

| | |
|---|---|
| Provision from Imperial Funds. In India ... | |
| In England. | |
| Total .. | |
| Provision from Contributions. In India .. | |
| Grand Total .. | |

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

| | |
|---|---|
| Total | |

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. | Bellary ... | Bellary ... | 1 | Gun-shed for Royal Artillery ... | 11560 ~~15,58~~. |
| | West Coast. | Malapuram ... | 2 | Barracks for a detachment of British Infantry to accommodate 50 additional men. | 1,82,867 |
| Accommodation for Native troops. | Presidency. | Bangalore ... | 3 | Additions, &c., to public buildings, Madras Infantry Regiment, for a Pioneer Regiment. | 21,636 |
| | | | | Total ... | ... |



MADRAS.

I.

ORIGINAL WORKS FOR THE YEAR 1888-89.

WORKS.

| Outlay. | | Grant, 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | 3,970 | 8,956 | ... | | 1 | G.O., No. ~~3236 W., dated 28th November 1887~~. 1042 W of 6th April 1888 |
| 1,22,672 | 20,000 | 20,000 | ... | | 2 | G.O., No. 2822 W., dated 21st October 1887. Item No. 1, class A works, budget of 1887-88. |
| 15,188 | 6,636 | 5,000 | ... | | 3 | G.O., No. 2952 W., dated 29th November 1884. Item No. 2, class A works, budget of 1887-88. Supplemental estimate is awaited. |
| ... | ... | 33,956 | ... | ~~33,05~~ | | |

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. | Nilgiri ... | Wellington ... | 1 | Quarters for three Apothecaries ... | ... |
| | Chingleput. | Poonamallee... | 2 | New barracks ... ... ... | 1,[illegible] |
| | Presidency. | Bangalore ... | 3 | New saddle room, British Cavalry... | 4,[illegible] |
| Accommodation for Native troops. | Do. ... | Madras ... | 4 | Constructing 4 latrines—2 for males and 2 for females—Perambur lines. | ... |
| (3) *Commissariat buildings.* | West Coast. | Calicut ... | 5 | Sheds for transport animals ... | ... |
| (8) *Fortifications* ... | Do. ... | Cannanore ... | 6 | Converting the Cannanore Fort into a defensible post. | 7,790 |
| | North Arcot. | Vellore ... | 7 | Constructing a draw-bridge and gate for the fort. | 6,450 |
| | Presidency. | ~~Fort St. George~~ Bangalore | 8 | ~~Facing the *enceinte* of Fort St. George with Portland cement.~~ Erecting a fire engine shed | ... |
| | | | 9 | Reserve with the Government for incomplete major works. | ... |
| | | | 10 | Minor works ... ... ... | ... |
| | | | | Total ... | ... |

To fill in the words in the proof Copy afterwards by Block from Office Order





1198/93

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1888-89.

WORKS.

| Outlay. | | Grant, 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 6,500 | | 1 | Estimate ~~is awaited~~ under revision. Item No. 2, class B works, budget of 1887-88. |
| ... | ... | ... | 19,560 | | 2 | Estimate is awaited. G.O. No. 423 dated 16th February 1888 |
| ... | ... | ... | 4,500 | | 3 | Do. G.O. No. 423 dated 16th February 1888 |
| ... | ... | ... | 3,000 | | 4 | Estimate is awaited. Item No. 39, class C works, budget of 1887-88. |
| ... | ... | ... | 3,310 | | 5 | Estimate is awaited. Item No. 46, class C works, budget of 1887-88. |
| 4,347 | ... | 3,064 | ... | | 6 | G.O., No. 3274 W., dated 1st December 1887. |
| ... | ... | ... | 6,450 | | 7 | G.O., No. 528 W., dated 7th March 1885, Item No. 11, class B works, budget of 1887-88. |
| ... | ~~3,000~~ | ~~5,000~~ 5,000 | ... | | 8 | ~~Estimate is awaited. Item No. 56, class C works, budget of 1887-88.~~ G.O. No. 423 dated 16th February 1888 |
| ... | ... | ~~15,260~~ | ... | | 9 | |
| ... | ... | ... | 20,000 | | 10 | |
| ... | ... | ~~23,324~~ | ~~63,320~~ | ~~86,644~~ 1,75,960 | | |

41,687 1,34,273

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

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





B.

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

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

IMPERIAL.
MILITARY WORKS.

APPENDIX

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

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



MADRAS

B—*cont.*

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

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

IMPERIAL.
MILITARY WORKS.

APPENDIX

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

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



1153/68

MADRAS.

B—*cont.*

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

| Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 5,300 | | 36 | G.O., No. 3385 W., dated 27th November 1883. Item No. 19, class C works, budget of 1887-88. |
| ... | ... | ... | 4,773 | | 37 | G.O., No. 938-2 W., dated 5th April 1884. Item No. 20, class C works, budget of 1887-88. |
| ... | ... | ... | 3,480 | | 38 | G.O., No. 2628 W., dated 27th October 1884. Item No. 35, class C works, budget of 1887-88. |
| ... | ... | ... | 3,030 | | 39 | G.O., No. 149 W., dated 17th January 1884. Item No. 36, class C works, budget of 1887-88. |
| ... | ... | ... | 11,710 | | 40 | Estimate is awaited. Item No. 38, class C works, budget of 1887-88. |
| ... | ... | ... | 4,500 | | 41 | G.O., No. 334 W., dated 8th February 1886. Item No. 41, class C works, budget of 1887-88. |
| ... | ... | ... | 2,880 | | 42 | G.O., No. 3149 W., dated 22nd December 1884. Item No. 42, class C works, budget of 1887-88. |
| ... | ... | ... | 15,000 | | 43 | G.O., No. 1302 W., dated 25th May 1886. Item No. 6, class B works, budget of 1887-88. |
| ... | ... | ... | 4,300 | | 44 | G.O., No. 1397 W., dated 4th June 1884. Item No. 40, class C works, budget of 1887-88. |
| ... | ... | ... | 4,900 | | 45 | Estimate is awaited. Item No. 43, class C works, budget of 1887-88. |
| ... | ... | ... | 10,000 | | 46 | G.O., No. 1650 W., dated 18th June 1887. Item No. 8, class B works, budget of 1887-88. |
| ... | ... | ... | 20,380 | | 47 | Estimate is awaited. |
| ... | ... | ... | 33,000 | | 48 | Estimate is awaited. Item No. 9, class B works, budget of 1887-88. |
| ... | ... | ... | 6,000 | | 49 | G.O., No. 2940 W., dated 5th November 1887. Item No. 45, class C works, budget of 1887-88. |

IMPERIAL.
MILITARY WORKS.

APPENDIX

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

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



MADRAS

B—*concld.*

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

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

Accounts.
Budget.

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

GOVERNMENT OF INDIA.

# MILITARY DEPARTMENT.

*Extract from the Proceedings of the Government of India, Military Department,—(No. 640-M-W, under date Fort William, 23rd March 1888).*

MADRAS.

*Orders on the Military Works revised estimate for 1887-88 and budget estimate for 1888-89.*

READ—

Military Department Resolution No. 2309-M-W, dated 3rd November 1887.
Letter No. 32-W, dated 6th January 1888, from the Government of Madras.
Letter No. 190-W, dated 17th January 1888, from the Government of Madras.
Letter No. 441-W, dated 7th February 1888, from the Government of Madras.
Letter No. 614-W, dated 21st February 1888, from the Government of Madras.

RESOLUTION.—The estimates of revenue are accepted for the sums entered in the following table :—

XXXI.—REVENUE.

| | Actuals, 1886-87. | Budget estimate, 1887-88. | Revised estimate, 1887-88. | Budget estimate, 1888-89. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| In the Public Works Department ... | 23,984 | 25,000 | 25,000 | 27,800 |

44.—EXPENDITURE.

*Revised estimate, 1887-88.*

2. The revised estimate is passed for the amount of the existing grant Rs. 5,73,500, which includes the additional grants of Rs. 7,500 and Rs. 16,000 sanctioned in Military Department letter No. 2528-M-W, dated 19th December 1887, and telegram No. 376-M-W, dated 17th February 1888, for the conversion into barracks of buildings in Fort St. George and for Minor Works, respectively.

*Budget estimate, 1888-89.*

3. The estimate has been framed for the provisional grant of Rs. 5,25,000, sanctioned in Military Department Resolution No. 2309-M-W, of 3rd November 1887, but a further sum of Rs. 99,300 is hereby allotted to provide for expenditure on Ordnance Works in Madras. Out of this sum provision must be made to meet the cost of land required for a coal store at Vepery; the balance will be distributed, as far as may be, in accordance with Madras Government Order No. 189-W, of the 17th January 1888: the necessary modifications being determined by the Government of Madras in communication with the Director-General of Ordnance.

P.W.C. No. 3070



4. The Government of India regrets that no extra grant can be assigned for the provision of additional accommodation for troops at St. Thomas' Mount until full information is received as to the details of the scheme. If the project be approved, the necessary funds will probably have to be provided by postponing some of the works now entered in the budget estimate.

5. The details of the estimates of expenditure passed by the Government of India are exhibited in the following table :—

| | Actuals, 1886-87. | Budget estimate, 1887-88. | Revised estimate, 1887-88. | Budget estimate, 1888-89. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Original Works { In progress ... | 1,45,707 | 1,42,600 | 1,62,300 | 57,300 |
| Original Works { Not commenced ... | | | | 63,300 |
| Repairs ... ... ... ... | 3,11,795 | 3,00,000 | 2,78,500 | 3,00,000 |
| Total Works and Repairs ... | 4,57,502 | 4,42,600 | 4,40,800 | 4,20,600 |
| Establishment ... ... ... | 1,06,754 | 1,03,000 | 1,02,600 | 98,100 |
| Tools and Plant ... ... ... | 4,589 | 4,400 | 6,600 | 6,300 |
| | 5,68,845 | 5,50,000 | 5,50,000 | 5,25,000 |
| Add—Grants sanctioned since submission of revised estimate ... ... | ..... | ..... | 7,500<br>16,000 | ..... |
| | 5,68,845 | 5,50,000 | 5,73,500 | 5,25,000 |
| Add—Grant sanctioned for Ordnance Works | ..... | ..... | ..... | 99,300 |
| | 5,68,845 | 5,50,000 | 5,73,500 | 6,24,300 |
| Deduct Expenditure in England ... | 1,638 | ..... | ..... | ..... |
| Net Expenditure in India ... | 5,67,207 | 5,50,000 | 5,73,500 | 6,24,300 |

6. The provision made for works in anticipation of sanction of detailed estimates, is admitted on the understanding that work will not be commenced until the estimates have been approved by competent authority.

ORDER.—Ordered, that this resolution be communicated to the Government of Madras, with the request that 45 copies of the estimates, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1888.

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

(True extract)

*Secretary to the Government of India.*

To,

The Secretary to the Government of Madras
Public Works Department

305 C.

Read 2nd ap. 88

No. G.
11

ORDNANCE OFFICE :
*Fort Saint George,*
20 April 1888.

1153/8

6F

*From*

*Colonel H. McLEOD, R. A.*
*Inspector General of Ordnance.*

*To*

*The Secretary to Government, of Madras*
*Public Works Department.*

*Sir,*

With reference to Telegram No. 11. E dated 17th Instant from the Director General of Ordnance in India a copy of which is enclosed, I have the honor to inform you that the 8830 Rupees required will be met from reappropriation from the undermentioned works referred to in letter No. 908 Your dated Agra 2nd January 1888 from the Director General of Ordnance in India to your address republished in G. O. dated 17th idem No. 189-W.—

6,935 Rupees allotted for shed Camp Equipage Depôt Madras.—

1,895 Rupees from sums of Rupees 6,000 allotted for Store Rooms Gun Carriage Factory Madras.—

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

H. McLeod Colonel R. A.,
Inspector General of Ordnance.

O.C. № 3675

Military {1888} Department.

**No.**

From

Colonel H. McLEOD, R. A.
Inspector General of Ordnance
Fort Saint George.

To

The Secretary to Government,
Public Works Military Department.

Chepauk

E 1

DATED 20 April 1888.
RECEIVED

1631 C of 19-4-88

No. G.

Informs that the Rupees 8820 required will be met from reappropriation from the undermentioned works.—

Dep.ment. State

| To (Station) | From (Station) |
|---|---|
| Fort Saint George | Simla |
| To (Person) | From (Person) |
| Ordnance | Dy. Ordnance |

17th April 1888

11 C Rupees 8820 required towards purchase site for coal store and artificers quarters vepe inform Madras works what reduction to meet this can more convenien be made in sanctioned in my q3 C Tour 3 any report action taken.

True Copy

H McLeod Colonel R.A
Inspector General of Ords

Genl Sect.

PUBLIC WORKS DEPARTMENT.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Govt. of India, Military Department. H.E. No: 640 Bn. N. dy 23rd March 1888.
Telegram from the Director General of Ordnance dy 17th April 1888
Letter from the Inspector General of ordnance No: 4/11 dy 20th April 1888

Ordered that the final issue of the Imperial Military Works budget estimate for 1888-89 prepared for Rs. 624,300, being the amount adopted by the Govt. of India in their resolution read at the head of these Proceedings, be printed and circulated for the information and guidance of the Officers of the Department, and 45 copies as noted in the margin forwarded to the Govt. of India.

* To Simla ——— 20
Calcutta ——— 25
45

2. The provisions made by the Govt. of India for Ordnance Works during 1888-89 is Rs. 99,300. Out of this sum Rs. 41,625 have been set apart for the purchase of land for a coal store at Vepery, and the balance, Rs. 57,675, has been distributed under the Depart-

mental heads as shown below. The sum available for works has been distributed in communication with the Director General of Ordnance.

| | |
|---|---|
| Works | Rs 46,325 |
| Establishment | 10,655 |
| Tools and Plant | 695 |
| Total | Rs. 57,675 |

3. The grant provided in the preliminary issue for item 1 under Class A Works, has been reduced to the amount of the unspent balance of the sanctioned estimate for the work.

4. The alterations referred to in the Proceedings of Govt noted in the margin have been carried out in the final issue

5. A sum of Rs. 5,555 has been provided for the guard room and fire engine shed for the Ordnance Depôt at Agram, Bangalore, vide G.O. No: 536 W dated 16th February 1888.

6. With reference to para 4 of the letter from the Govt. of India above recorded, the Quarter Master General will be requested to furnish the required details of the scheme for providing additional accommodation for troops at Saint Thomas' Mount.

written

× G.O. No: 423 W dated 6th February 1888
" 504 W dated 11th February 1888
" 950 W dated 22nd March 1888

with

The distribution will be carried out in the proof copy & data received when reply from D.O.F. Ordnance is received

1159/13

7. With reference to para 5 of G.O. No. 31 W dated 6th January 1888, the Govt. of India will be requested to provide a special grant of Rs. 5,680 required for converting certain building in Fort Saint George into barracks for 60 single men.

8. It is observed that the grant of Rs. 50,000 applied for in letter to the Govt. of India No: 870 W dated 16th March 1888, for Regimental Institutes in this Presidency has not been provided. The Govt. of India will again be requested to consider the proposal favorably and issue early orders on the subject.

9. The unsanctioned works for which funds have been provided in the budget should not be commenced until plans and estimates for them have been sanctioned.

10. The grants for incomplete major works and repairs will be held at the disposal of Govt. and distributed on receipt of detailed proposals from the officers concerned with reference to para 1322 of the P.W. Code.

The grants for minor works will also be held in reserve, and after providing for incomplete works of 1887-88, the balance will be placed at the disposal of the Officers commanding Divisions and Districts.

H. E. No: 1[illegible] May

Forwarded to the Govt. of India, Military Department.

[illegible]
18.4.88

Sd/
19/4/88

5000

To

Supdg. Engineers
The Examiner of P.W. Accts
" Military Department
" Financial Department
" Director General of Ordnance
" Inspector General of Fortifications

R. 23: C. 88

[illegible]

Govt. of Madras.

PUBLIC WORKS.

Dated

Rcvd.

Encl.

G.O. 23 April 1888. No. 1171 W
1200