

- (1) பக்கங்களின் எண்ணிக்கை 50  
 (2) புதுக்கித் திருப்பிய நாள் July 89  
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 104

தமிழ்நாடு ஆவணக் காப்பகம்.

(24)

தமிழ்நாடு அரசு

PWD துறை

|                                       |           |                  |
|---------------------------------------|-----------|------------------|
| அரசாணை எண்.<br>மு. கோப்புத் தாள் எண். | 1389      | அச்சகம்<br>பலவகை |
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 227



FINAL ISSUE.

IMPERIAL.  
MILITARY WORKS.

1389  
MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1889-90.

CHERPÁK,  
1st May 1889.

(Signed)

R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,  
Ag. Joint Secy. to Govt., P.W.D.



1389

IMPERIAL  
MILITARY WORKS.

MADRAS.

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MADRAS.

IMPERIAL.  
MILITARY WORKS.

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

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



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. |
|-----------------------------------------------------------------------------------------|---------------------|-----------------|----------|----------------------------------------------------------------------------------|---------------------|
|                                                                                         |                     |                 |          | IMPERIAL ORDINARY.                                                               | Rs.                 |
|                                                                                         |                     |                 |          | MILITARY.                                                                        |                     |
|                                                                                         |                     |                 |          | Original Works.                                                                  |                     |
| 1. Accommodation for troops—<br>Buildings for European troops in the plains. Permanent. | West Coast.         | Malapuram ...   | 1        | Barracks for a detachment of British Infantry to accommodate 50 additional men.  | 1,91,412            |
|                                                                                         | Chingleput.         | Poonamallee ... | 2        | New barracks ...                                                                 | 1,66,885            |
|                                                                                         | Nilgiri ...         | Wellington ...  | 3        | Quarters for three Apothecaries ...                                              | 16,000              |
|                                                                                         | Presidency.         | Fort St. George | 4        | Converting the old Adjutant-General's office into barracks for single men.       | 25,097              |
| Buildings for Native troops.                                                            | Do.                 | Bangalore ...   | 5        | Additions to public buildings, Madras Infantry Regiment, for a Pioneer Regiment. | 30,346              |
| 2. Ordnance works ...                                                                   | Bellary ...         | Bellary ...     | 6        | New works for the Arsenal ...                                                    | 45,500              |
|                                                                                         |                     |                 |          | Total ...                                                                        | ...                 |

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MADRAS.

I.

ORIGINAL WORKS FOR THE YEAR 1889-90.  
WORKS.

| OUTLAY.                   |                          | GRANT, 1889-90.    |                      |        | ITEM No. | REMARKS AND REFERENCES.                                                                                                |
|---------------------------|--------------------------|--------------------|----------------------|--------|----------|------------------------------------------------------------------------------------------------------------------------|
| Actual to end of 1887-88. | Probable during 1888-89. | Works in progress. | Works not commenced. | Total. |          |                                                                                                                        |
| Rs.                       | Rs.                      | Rs.                | Rs.                  | Rs.    |          |                                                                                                                        |
| 1,39,673                  | 20,234                   | 20,000             | ...                  |        | 1        | G.O., No. 3737 W., dated 27th November 1888. Item No. 2, class A works, budget of 1888-89.                             |
| 6,607                     | 20,000                   | 30,000             | ...                  |        | 2        | G.O., No. 465 W., dated 19th February 1879. Revised estimate is awaited. Item No. 2, class B works, budget of 1888-89. |
| ...                       | 14,500                   | 1,500              | ...                  |        | 3        | G.O., No. 2448 W., dated 13th August 1888. Item No. 1, class B works, budget of 1888-89.                               |
| 15,586                    | 3,820                    | 5,400              | ...                  | 56,900 | 4        | G.O., No. 3000 W., dated 9th November 1887.                                                                            |
| 21,903                    | 3,210                    | 5,000              | ...                  | 5,000  | 5        | G.O., No. 3237 W., dated 12th October 1888. Item No. 3, class A works, budget of 1888-89.                              |
| 6,889                     | 22,650                   | 15,992             | ...                  | 15,992 | 6        | G.O., No. 2527 W., dated 17th August 1888. Item No. 5, class B works, budget of 1888-89.                               |
| ...                       | ...                      | 77,892             | ...                  | 77,892 |          |                                                                                                                        |

[ 5 ]



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. |
|---------------------------------------------------------|---------------------|---------------------|-------------|----------------------------------------------------------------------------------------------------------------------------|---------------------|
|                                                         |                     |                     |             | IMPERIAL ORDINARY.                                                                                                         | Rs.                 |
|                                                         |                     |                     |             | MILITARY.                                                                                                                  |                     |
|                                                         |                     |                     |             | Original Works.                                                                                                            |                     |
| 1. Accommodation for troops—                            | Presidency.         | B. Fort St. George. | 1           | Converting the block of buildings containing the main guard, No. 6, Captains' quarters, &c., into barracks for single men. | 5,785               |
| Buildings for European troops in the plains. Permanent. | ...                 | ...                 | 2           | Institutes of British Regiments and Batteries in the Presidency.                                                           | ...                 |
| Buildings for Native troops.                            | Presidency.         | Bangalore           | 3           | Public buildings for a regiment of Native Cavalry.                                                                         | 30,990              |
|                                                         | ...                 | ...                 | 4           | Improving the sanitation of the lines of Native troops                                                                     | ...                 |
|                                                         | North Arcot.        | Vellore             | 5           | Providing accommodation in the Fort for two companies, Native Infantry.                                                    | ...                 |
| 2. Ordnance works                                       | Bellary             | Bellary             | 6           | Five double quarters for the Staff Sergeants attached to the Ordnance Department.                                          | 35,350              |
|                                                         | Do.                 | Do.                 | 7           | Timber-shed, Bellary Arsenal                                                                                               | ...                 |
|                                                         | Presidency.         | Madras              | 8           | Shed for the camp equipage                                                                                                 | 6,935               |
|                                                         | Do.                 | Do.                 | 9           | Workshops, Gun Carriage Factory.                                                                                           | ...                 |
|                                                         |                     |                     | 10          | Reserve with the Government for incomplete ordnance works.                                                                 | ...                 |
|                                                         |                     |                     | 11          | Minor works under Ordnance                                                                                                 | ...                 |
| 4. Staff and Miscellaneous.                             | Nilgiri             | Ootacamund          | 12          | Water-supply, Lawrence Asylum                                                                                              | 12,350              |
| 3. Fortifications                                       | Presidency.         | Madras              | 13          | Alterations to the Rifle Ranges at Veyasarpandy.                                                                           | 6,076               |
|                                                         |                     |                     | 14          | Reserve with the Government for incomplete major works.                                                                    | ...                 |
|                                                         |                     |                     | 15          | Reserve with the Government for incomplete minor works.                                                                    | ...                 |
|                                                         |                     |                     | 16          | New minor works                                                                                                            | ...                 |
|                                                         |                     |                     | Total       | ...                                                                                                                        | ...                 |
|                                                         |                     |                     | Grand Total | ...                                                                                                                        | ...                 |

I—cont.

ORIGINAL WORKS FOR THE YEAR 1889-90.  
WORKS.

| OUTLAY.                   |                          | GRANT, 1889-90.    |                      |          | ITEM No. | REMARKS AND REFERENCES.                                                                      |
|---------------------------|--------------------------|--------------------|----------------------|----------|----------|----------------------------------------------------------------------------------------------|
| Actual to end of 1887-88. | Probable during 1888-89. | Works in progress. | Works not commenced. | Total.   |          |                                                                                              |
| Rs.                       | Rs.                      | Rs.                | Rs.                  | Rs.      |          |                                                                                              |
| ...                       | ...                      | ...                | 5,785                | ...      | 1        | G.O., No. 2612 W., dated 24th August 1888.                                                   |
| ...                       | ...                      | ...                | 20,000               | 25,785   | 2        | Estimates are awaited.                                                                       |
| ...                       | ...                      | ...                | 20,000               | ...      | 3        | G.O., No. 1302 W., dated 25th May 1886. Item No. 41, class C works, budget of 1888-89.       |
| ...                       | ...                      | ...                | 16,699               | ...      | 4        | Estimates are awaited.                                                                       |
| ...                       | ...                      | ...                | 3,490                | 40,189   | 5        | Do.                                                                                          |
| ...                       | ...                      | ...                | 15,000               | ...      | 6        | G.O., No. 1650 W., dated 18th June 1887.                                                     |
| ...                       | ...                      | ...                | 2,590                | ...      | 7        | Estimate is awaited.                                                                         |
| ...                       | ...                      | ...                | 6,935                | ...      | 8        | G.O., No. 2558 W., dated 27th September 1887. Item No. 47, class C works, budget of 1888-89. |
| ...                       | ...                      | ...                | 19,483               | ...      | 9        | Estimate is awaited.                                                                         |
| ...                       | ...                      | 3,050              | ...                  | ...      | 10       |                                                                                              |
| ...                       | ...                      | ...                | 5,000                | 52,058   | 11       |                                                                                              |
| ...                       | ...                      | ...                | 12,350               | 12,350   | 12       | G.O., No. 2139 W., dated 14th July 1888.                                                     |
| ...                       | ...                      | ...                | 6,076                | 6,076    | 13       | G.O., No. 3150 W., dated 8th October 1888.                                                   |
| ...                       | ...                      | 13,900             | ...                  | 13,900   | 14       |                                                                                              |
| ...                       | ...                      | 10,000             | ...                  | 10,000   | 15       |                                                                                              |
| ...                       | ...                      | ...                | 15,000               | 15,000   | 16       |                                                                                              |
| ...                       | ...                      | 26,950             | 1,48,408             | 1,75,358 |          |                                                                                              |
| ...                       | ...                      | 1,04,842           | 1,48,408             | 2,53,250 |          |                                                                                              |



IMPERIAL  
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON  
CLASS B

| HEAD OF CLASSIFICATION.                                 | EXECUTIVE DIVISION. | LOCALITY.      | ITEM No. | PROJECTS AND WORKS.                                                                                                 | AMOUNT OF ESTIMATE. |
|---------------------------------------------------------|---------------------|----------------|----------|---------------------------------------------------------------------------------------------------------------------|---------------------|
|                                                         |                     |                |          | IMPERIAL ORDINARY.                                                                                                  | Rs.                 |
|                                                         |                     |                |          | MILITARY.                                                                                                           |                     |
|                                                         |                     |                |          | Original Works.                                                                                                     |                     |
| 1. Accommodation for troops—                            | Bellary ...         | Bellary ...    | 1        | Swimming-bath, British Infantry.                                                                                    | 7,644               |
| Buildings for European troops in the plains. Permanent. | Do. ...             | Do. ...        | 2        | Alterations and additions to the military prison.                                                                   | ...                 |
|                                                         | Do. ...             | Do. ...        | 3        | Guard-room for the station hospital.                                                                                | 4,290               |
|                                                         | Do. ...             | Do. ...        | 4        | Infectious disease ward, cook-house and station hospital.                                                           | 6,140               |
|                                                         | Do. ...             | Do. ...        | 5        | Purveyor's quarters for the station hospital.                                                                       | 3,046               |
|                                                         | Do. ...             | Do. ...        | 6        | Reroofing verandah of marriage range, European Infantry Barracks.                                                   | 13,307              |
|                                                         | Nilgiri ...         | Wellington ... | 7        | Quartermaster's stores and office for British Infantry Regiment.                                                    | ...                 |
|                                                         | Do. ...             | Do. ...        | 8        | A ward to accommodate 35 men, station hospital.                                                                     | ...                 |
|                                                         | Do. ...             | Do. ...        | 9        | Gymnasium, 2nd Royal Fusiliers.                                                                                     | ...                 |
|                                                         | Do. ...             | Do. ...        | 10       | Quarters for three hospital purveyors.                                                                              | 4,750               |
|                                                         | Do. ...             | Do. ...        | 11       | Constructing hut barracks for 500 men.                                                                              | ...                 |
|                                                         | Do. ...             | Ootacamund...  | 12       | Quarters for a Sub-Conductor attached to the Army head-quarters.                                                    | ...                 |
|                                                         | Do. ...             | Do. ...        | 13       | Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant Instructors, N.V. Rifles. | 3,600               |
|                                                         | West Coast.         | Calicut ...    | 14       | A new barrack with subsidiary buildings for 30 men.                                                                 | ...                 |
|                                                         | Presidency...       | Bangalore ...  | 15       | One block of two quarters for two Sergeants, "Queen's Own" Sappers and Miners.                                      | ...                 |
|                                                         | Do. ...             | Do. ...        | 16       | Quarters for Schoolmaster and Schoolmistress, Royal Artillery.                                                      | 10,240              |

B.

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

| OUTLAY.                   |                          | AMOUNT APPLIED FOR 1889-90. |                      |        | ITEM No. | REMARKS AND REFERENCES.                                                                      |
|---------------------------|--------------------------|-----------------------------|----------------------|--------|----------|----------------------------------------------------------------------------------------------|
| Actual to end of 1887-88. | Probable during 1888-89. | Works in progress.          | Works not commenced. | Total. |          |                                                                                              |
| Rs.                       | Rs.                      | Rs.                         | Rs.                  | Rs.    |          |                                                                                              |
| ...                       | ...                      | ...                         | 7,644                | ...    | 1        | G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1888-89.    |
| ...                       | ...                      | ...                         | 3,980                | ...    | 2        | Estimate is awaited. Item No. 2, class C works, budget of 1888-89.                           |
| ...                       | ...                      | ...                         | 4,290                | ...    | 3        | G.O., No. 1384 W., dated 17th May 1888.                                                      |
| ...                       | ...                      | ...                         | 6,140                | ...    | 4        | G.O., No. 320 W., dated 7th February 1884. Item No. 1, class C works, budget of 1888-89.     |
| ...                       | ...                      | ...                         | 3,046                | ...    | 5        | G.O., No. 771 W., dated 7th March 1888.                                                      |
| ...                       | ...                      | ...                         | 13,307               | ...    | 6        | G.O., No. 3420 W., dated 15th December 1887.                                                 |
| ...                       | ...                      | ...                         | 25,000               | ...    | 7        | Estimate is awaited.                                                                         |
| ...                       | ...                      | ...                         | 20,000               | ...    | 8        | Do.                                                                                          |
| ...                       | ...                      | ...                         | 10,000               | ...    | 9        | Estimate is awaited. Item No. 8, class C works, budget of 1888-89.                           |
| ...                       | ...                      | ...                         | 4,750                | ...    | 10       | G.O., No. 615 W., dated 21st February 1888. Item No. 49, class C works, budget of 1888-89.   |
| ...                       | ...                      | ...                         | 10,000               | ...    | 11       | Estimate is awaited.                                                                         |
| ...                       | ...                      | ...                         | 7,500                | ...    | 12       | Do.                                                                                          |
| ...                       | ...                      | ...                         | 3,600                | ...    | 13       | G.O., No. 1068 W., dated 9th April 1888.                                                     |
| ...                       | ...                      | ...                         | 20,000               | ...    | 14       | Estimate is awaited. Item No. 9, class C works, budget of 1888-89.                           |
| ...                       | ...                      | ...                         | 3,000                | ...    | 15       | Estimate is awaited.                                                                         |
| ...                       | ...                      | ...                         | 10,240               | ...    | 16       | G.O., No. 2384 W., dated 20th September 1886. Item No. 28, class C works, budget of 1888-89. |



IMPERIAL.  
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON CLASS B

| HEAD OF CLASSIFICATION.                                                                 | EXECUTIVE DIVISION. | LOCALITY.          | ITEM No. | PROJECTS AND WORKS.                                                                                  | AMOUNT OF ESTIMATE. |
|-----------------------------------------------------------------------------------------|---------------------|--------------------|----------|------------------------------------------------------------------------------------------------------|---------------------|
|                                                                                         |                     |                    |          | Brought forward ...                                                                                  | Rs.                 |
|                                                                                         |                     |                    |          | IMPERIAL ORDINARY—<br><i>cont.</i>                                                                   |                     |
|                                                                                         |                     |                    |          | MILITARY— <i>cont.</i>                                                                               |                     |
|                                                                                         |                     |                    |          | <i>Original Works—cont.</i>                                                                          |                     |
| 1. Accommodation for troops—<br>Buildings for European troops in the plains. Permanent. | Presidency.         | Bangalore ...      | 17       | New orderly room or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers. | ...                 |
|                                                                                         | Do. ...             | Do. ...            | 18       | Battery office for Royal Horse Artillery.                                                            | 5,680               |
|                                                                                         | Do. ...             | Do. ...            | 19       | Buildings for Wheeler's shop, Royal Artillery.                                                       | ...                 |
|                                                                                         | Do. ...             | Do. ...            | 20       | Quarters for the Senior Apothecary, North Station Hospital.                                          | 5,300               |
|                                                                                         | Do. ...             | Do. ...            | 21       | Quarters for the Assistant Apothecary, North Station Hospital.                                       | 4,773               |
|                                                                                         | Do. ...             | Madras ...         | 22       | New military hospital on the site of the old fishing village near the Presidency College.            | ...                 |
|                                                                                         | Do. ...             | Fort St. George.   | 23       | Wash-houses to be built outside the barracks in lieu of the north and south wash-houses inside.      | ...                 |
|                                                                                         | Do. ...             | Do. ...            | 24       | Garrison bazaars to be done away with and new cook-houses to be built on the site.                   | ...                 |
|                                                                                         | Do. ...             | Do. ...            | 25       | Repairs to floors of B, C, D blocks, family quarters.                                                | ...                 |
|                                                                                         | Do. ...             | Do. ...            | 26       | Construction of coach houses and stables for the use of officers.                                    | ...                 |
|                                                                                         | Chingleput.         | Poonamallee...     | 27       | Warrant officers' quarters                                                                           | ...                 |
|                                                                                         | Do. ...             | Do. ...            | 28       | Two Staff Sergeants' quarters, 1st class.                                                            | ...                 |
|                                                                                         | Do. ...             | Do. ...            | 29       | Coffee-shop ...                                                                                      | ...                 |
|                                                                                         | Do. ...             | Pallavaram ...     | 30       | One mortuary room for each of the three hospitals, Nos. 1 to 3.                                      | ...                 |
|                                                                                         | Do. ...             | St. Thomas' Mount. | 31       | A wheeler and collar-maker's shop for the west barracks.                                             | 5,660               |

B—*cont.*

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

| OUTLAY.                   |                          | AMOUNT APPLIED FOR 1889-90. |                      |        | ITEM No. | REMARKS AND REFERENCES.                                                                      |
|---------------------------|--------------------------|-----------------------------|----------------------|--------|----------|----------------------------------------------------------------------------------------------|
| Actual to end of 1887-88. | Probable during 1888-89. | Works in progress.          | Works not commenced. | Total. |          |                                                                                              |
| Rs.                       | Rs.                      | Rs.                         | Rs.                  | Rs.    |          |                                                                                              |
| ...                       | ...                      | ...                         | 6,500                | ...    | 17       | Estimate is awaited. Item No. 29, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 5,680                | ...    | 18       | G.O., No. 2906 W., dated 17th September 1888. Item No. 30, class C works, budget of 1888-89. |
| ...                       | ...                      | ...                         | 3,100                | ...    | 19       | Estimate is awaited. Item No. 31, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 5,300                | ...    | 20       | G.O., No. 3385 W., dated 27th November 1888. Item No. 34, class C works, budget of 1888-89.  |
| ...                       | ...                      | ...                         | 4,773                | ...    | 21       | G.O., No. 938/2 W., dated 5th April 1884. Item No. 35, class C works, budget of 1888-89.     |
| ...                       | ...                      | ...                         | 25,000               | ...    | 22       | Estimate is awaited.                                                                         |
| ...                       | ...                      | ...                         | 2,500                | ...    | 23       | Do.                                                                                          |
| ...                       | ...                      | ...                         | 4,500                | ...    | 24       | Do.                                                                                          |
| ...                       | ...                      | ...                         | 10,070               | ...    | 25       | Estimate is awaited. Item No. 25, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 15,770               | ...    | 26       | Estimate is awaited. Item No. 26, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 3,500                | ...    | 27       | Estimate is awaited. Item No. 11, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 6,000                | ...    | 28       | Estimate is awaited. Item No. 12, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 9,000                | ...    | 29       | Estimate is awaited. Item No. 13, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 3,000                | ...    | 30       | Estimate is awaited. Item No. 14, class C works, budget of 1888-89.                          |
| ...                       | ...                      | ...                         | 5,660                | ...    | 31       | G.O., No. 2717 W., dated 3rd November 1884. Item No. 15, class C works, budget of 1888-89.   |



IMPERIAL.  
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON  
CLASS B

| HEAD OF CLASSIFICATION.                                 | EXECUTIVE DIVISION. | LOCALITY.          | ITEM No. | PROJECTS AND WORKS.                                                        | AMOUNT OF ESTIMATE. |
|---------------------------------------------------------|---------------------|--------------------|----------|----------------------------------------------------------------------------|---------------------|
|                                                         |                     |                    |          | Brought forward ...                                                        | Rs.                 |
|                                                         |                     |                    |          | IMPERIAL ORDINARY—<br><i>cont.</i>                                         |                     |
|                                                         |                     |                    |          | MILITARY— <i>cont.</i>                                                     |                     |
|                                                         |                     |                    |          | <i>Original Works—cont.</i>                                                |                     |
| 1. Accommodation for troops—                            | Chingleput.         | St. Thomas' Mount. | 32       | Sergeants' Mess for east barracks...                                       | 5,450               |
| Buildings for European troops in the plains. Permanent. | Do. ...             | Do. ...            | 33       | Quarters for three Medical Subordinates attached to the station hospital.  | ...                 |
|                                                         | Do. ...             | Do. ...            | 34       | Quarters for head-quarter staff, Royal Artillery.                          | ...                 |
|                                                         | Do. ...             | Do. ...            | 35       | Battery office for P/1st Royal Artillery, east barracks.                   | 3,700               |
|                                                         | Do. ...             | Do. ...            | 36       | Raising the roof of harness-room, Troop lines.                             | 4,200               |
| Buildings for Native troops.                            | Vizagapatam         | Vizianagrum.       | 37       | Regimental store for Native Infantry, including storage for camp equipage. | 3,480               |
|                                                         | Bellary ...         | Bellary ...        | 38       | Places-of-arms for a regiment of Madras Infantry.                          | 10,070              |
|                                                         | Do. ...             | Do. ...            | 39       | School-house for Native Infantry Regiment.                                 | 3,030               |
|                                                         | Do. ...             | Do. ...            | 40       | New saddle-rooms for the Madras Cavalry Regiment.                          | 30,000              |
|                                                         | Nilgiri ...         | Wellington ...     | 41       | Quarters for 32 men, Army hospital, Native corps.                          | ...                 |
|                                                         | West Coast.         | Quilon ...         | 42       | Armourers' shop ...                                                        | 2,489               |
|                                                         | Do. ...             | Cannanore ...      | 43       | Quarters for eleven men of the Army hospital, Native corps.                | ...                 |
|                                                         | Chingleput.         | Pallavaram ...     | 44       | Magazine for Madras Infantry Regiment.                                     | 4,900               |
|                                                         | Do. ...             | Do. ...            | 45       | Armourers' shop for Madras Infantry Regiment.                              | 2,880               |
| 2. Ordnance works.                                      | Do. ...             | St. Thomas' Mount. | 46       | Wooden shed at the proof range ...                                         | 2,820               |
|                                                         | Presidency.         | Madras ...         | 47       | Constructing a coal store                                                  | ...                 |
|                                                         | Do. ...             | Do. ...            | 48       | Providing sun-shades to doors and windows in the Ordnance lines.           | 4,160               |

1389  
MADRAS.

B—*cont.*

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

| OUTLAY.                   |                          | AMOUNT APPLIED FOR 1889-90. |                      |        | ITEM No. | REMARKS AND REFERENCES.                                                                     |
|---------------------------|--------------------------|-----------------------------|----------------------|--------|----------|---------------------------------------------------------------------------------------------|
| Actual to end of 1887-88. | Probable during 1888-89. | Works in progress.          | Works not commenced. | Total. |          |                                                                                             |
| Rs.                       | Rs.                      | Rs.                         | Rs.                  | Rs.    |          |                                                                                             |
| ...                       | ...                      | ...                         | 5,450                | ...    | 32       | G.O., No. 1118 W., dated 14th April 1888. Item No. 16, class C works, budget of 1888-89.    |
| ...                       | ...                      | ...                         | 8,000                | ...    | 33       | Estimate is awaited. Item No. 17, class C works, budget of 1888-89.                         |
| ...                       | ...                      | ...                         | 12,000               | ...    | 34       | Estimate is awaited. Item No. 18, class C works, budget of 1888-89.                         |
| ...                       | ...                      | ...                         | 3,700                | ...    | 35       | G.O., No. 1552 W., dated 28th May 1888. Item No. 20, class C works, budget of 1888-89.      |
| ...                       | ...                      | ...                         | 4,200                | ...    | 36       | G.O., No. 3137 W., dated 17th December 1881. Item No. 21, class C works, budget of 1888-89. |
| ...                       | ...                      | ...                         | 3,480                | ...    | 37       | G.O., No. 2628 W., dated 27th October 1884. Item No. 36, class C works, budget of 1888-89.  |
| ...                       | ...                      | ...                         | 10,070               | ...    | 38       | G.O., No. 92 W., dated 15th January 1889.                                                   |
| ...                       | ...                      | ...                         | 3,030                | ...    | 39       | G.O., No. 149 W., dated 17th January 1884. Item No. 37, class C works, budget of 1888-89.   |
| ...                       | ...                      | ...                         | 10,000               | ...    | 40       | G.O., No. 92 W., dated 15th January 1889.                                                   |
| ...                       | ...                      | ...                         | 12,380               | ...    | 41       | Estimate is awaited.                                                                        |
| ...                       | ...                      | ...                         | 2,489                | ...    | 42       | G.O., No. 3772 W., dated 29th November 1888.                                                |
| ...                       | ...                      | ...                         | 3,670                | ...    | 43       | Estimate is awaited.                                                                        |
| ...                       | ...                      | ...                         | 4,900                | ...    | 44       | G.O., No. 334 W., dated 8th February 1886. Item No. 39, class C works, budget of 1888-89.   |
| ...                       | ...                      | ...                         | 2,880                | ...    | 45       | G.O., No. 3149 W., dated 22nd December 1884. Item No. 40, class C works, budget of 1888-89. |
| ...                       | ...                      | ...                         | 2,820                | ...    | 46       | G.O., No. 3077 W., dated 13th December 1884. Item No. 48, class C works, budget of 1888-89. |
| ...                       | ...                      | ...                         | 10,000               | ...    | 47       | Estimate is awaited.                                                                        |
| ...                       | ...                      | ...                         | 4,160                | ...    | 48       | G.O., No. 2248 W., dated 22nd August 1887. Item No. 46, class C works, budget of 1888-89.   |



IMPERIAL  
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON  
CLASS B

| HEAD OF CLASSIFICATION.          | EXECUTIVE DIVISION. | LOCALITY.      | ITEM No. | PROJECTS AND WORKS.                                                                 | AMOUNT OF ESTIMATE. |
|----------------------------------|---------------------|----------------|----------|-------------------------------------------------------------------------------------|---------------------|
|                                  |                     |                |          | Brought forward ...                                                                 | Rs.                 |
|                                  |                     |                |          | IMPERIAL ORDINARY—<br><i>cont.</i>                                                  |                     |
|                                  |                     |                |          | MILITARY— <i>cont.</i>                                                              |                     |
|                                  |                     |                |          | <i>Original Works—cont.</i>                                                         |                     |
| 3. Commissariat build-<br>ings.  | Nilgiri ...         | Wellington ... | 49       | Quarters for a Milling Engineer,<br>Commissariat Department.                        | ...                 |
|                                  | West Coast.         | Calicut ...    | 50       | A bakery ...                                                                        | ...                 |
|                                  | Do. ...             | Malapuram ...  | 51       | Cattle-shed for the Commissariat<br>Department.                                     | ...                 |
|                                  | Do. ...             | Do. ...        | 52       | Sheds for 12 bullocks and 10 mules.                                                 | 2,824               |
|                                  | Do. ...             | Calicut ...    | 53       | Sheds for transport animals ...                                                     | 8,255               |
|                                  | Chingleput.         | Guindy ...     | 54       | Quarters for the station butcher<br>attached to the slaughter-house.                | 3,600               |
|                                  | Do. ...             | Saidápet ...   | 55       | Constructing a new road from the<br>Mount Road direct to the<br>slaughter-house.    | 3,468               |
|                                  | Presidency.         | Madras ...     | 56       | Workshops and sheds for carts and<br>cattle, Transport Department.                  | ...                 |
|                                  | Do. ...             | Do. ...        | 57       | Mule-shed at Transport lines,<br>Pudupet.                                           | ...                 |
|                                  | Do. ...             | Do. ...        | 58       | Quarters for two Staff Sergeants at<br>Pudupet.                                     | ...                 |
|                                  | Do. ...             | Do. ...        | 59       | Quarters for a Conductor, Commis-<br>sariat Department.                             | ...                 |
|                                  | Do. ...             | Do. ...        | 60       | Constructing a wheat godown at<br>Teynampet.                                        | ...                 |
|                                  | Do. ...             | Bangalore ...  | 61       | Quarters for a Conductor, Trans-<br>port Department.                                | 5,800               |
|                                  | Do. ...             | Do. ...        | 62       | Quarters for an Ambulance Ser-<br>geant near Cattle lines, Transport<br>Department. | ...                 |
| 4. Staff and Miscel-<br>laneous. | Nilgiri ...         | Ootacamund...  | 63       | Water-supply, Lawrence Asylum.                                                      | 12,350              |
|                                  | Do. ...             | Do. ...        | 64       | Constructing a latrine for the boys<br>at the Lawrence Asylum.                      | 00                  |
| 7. General Cantonment<br>works.  | Bellary ...         | Guntakal ...   | 65       | New rest-house and site for the<br>rest-camp.                                       | 3                   |

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B—*cont.*

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

| OUTLAY.                      |                               | AMOUNT APPLIED FOR 1889-90. |                           |        | ITEM No. | REMARKS AND REFERENCES.                                                                        |
|------------------------------|-------------------------------|-----------------------------|---------------------------|--------|----------|------------------------------------------------------------------------------------------------|
| Actual to end<br>of 1887-88. | Probable dur-<br>ing 1888-89. | Works in pro-<br>gress.     | Works not com-<br>menced. | Total. |          |                                                                                                |
| Rs.                          | Rs.                           | Rs.                         | Rs.                       | Rs.    |          |                                                                                                |
| ...                          | ...                           | ...                         | 7,500                     | ...    | 49       | Estimate is awaited.                                                                           |
| ...                          | ...                           | ...                         | 6,860                     | ...    | 50       | Do.                                                                                            |
| ...                          | ...                           | ...                         | 4,000                     | ...    | 51       | Estimate is awaited. Item No. 50, class<br>C works, budget of 1888-89.                         |
| ...                          | ...                           | ...                         | 2,000                     | ...    | 52       | G.O., No. 1245 W., dated 27th April<br>1888.                                                   |
| ...                          | 1,310                         | ...                         | 6,945                     | ...    | 53       | G.Os., No. 3302 W., dated 17th October<br>1888, and No. 675 W., dated 8th March<br>1889.       |
| ...                          | ...                           | ...                         | 3,600                     | ...    | 54       | G.O., No. 1259 W., dated 30th April<br>1888. Item No. 52, class C works,<br>budget of 1888-89. |
| ...                          | ...                           | ...                         | 3,468                     | ...    | 55       | G.O., No. 534 W., dated 16th February<br>1888.                                                 |
| ...                          | ...                           | ...                         | 20,000                    | ...    | 56       | Estimate is awaited. Item No. 55, class<br>C works, budget of 1888-89.                         |
| ...                          | ...                           | ...                         | 11,210                    | ...    | 57       | Estimate is awaited.                                                                           |
| ...                          | ...                           | ...                         | 3,500                     | ...    | 58       | Do.                                                                                            |
| ...                          | ...                           | ...                         | 4,000                     | ...    | 59       | Estimate is awaited. Item No. 56, class<br>C works, budget of 1888-89.                         |
| ...                          | ...                           | ...                         | 5,950                     | ...    | 60       | Estimate is awaited. Item No. 57, class<br>C works, budget of 1888-89.                         |
| ...                          | ...                           | ...                         | 5,800                     | ...    | 61       | G.O., No. 992 W., dated 16th April<br>1886. Item No. 53, class C works,<br>budget of 1888-89.  |
| ...                          | ...                           | ...                         | 3,000                     | ...    | 62       | Estimate is awaited. Item No. 54, class<br>C works, budget of 1888-89.                         |
| ...                          | ...                           | ...                         | 12,350                    | ...    | 63       | G.O., No. 2139 W., dated 14th July<br>1888. Item No. 62, class C works,<br>budget of 1888-89.  |
| ...                          | ...                           | ...                         | 3,000                     | ...    | 64       | G.O., No. 2139 W., dated 14th July<br>1888.                                                    |
| ...                          | ...                           | ...                         | 6,699                     | ...    | 65       | Estimate is awaited.                                                                           |



IMPERIAL.  
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1889-90, BUT ON  
CLASS B

| HEAD OF<br>CLASSIFICATION.        | EXECUTIVE<br>DIVISION. | LOCALITY.             | ITEM<br>No. | PROJECTS AND WORKS.                                                                                                          | AMOUNT<br>OF<br>ESTIMATE. |
|-----------------------------------|------------------------|-----------------------|-------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                                   |                        |                       |             | Brought forward ...                                                                                                          | Rs.                       |
|                                   |                        |                       |             | IMPERIAL ORDINARY—<br><i>cont.</i>                                                                                           |                           |
|                                   |                        |                       |             | MILITARY— <i>cont.</i>                                                                                                       |                           |
|                                   |                        |                       |             | <i>Original Work.—cont.</i>                                                                                                  |                           |
| 7. General Canton-<br>ment works. | Presidency.            | Bangalore ...         | 66          | Drainage of Royal Horse Artillery<br>grass-cutters' lines at Ulsoor and<br>preventing the fouling of the<br>adjacent nullah. | 2,846                     |
|                                   | Presidency.            | Bangalore ...         | 67          | Drainage, British Infantry Bar-<br>racks.                                                                                    | 8,112                     |
|                                   | Do. ...                | Fort St. George       | 68          | Remodelling the drainage ...                                                                                                 | ...                       |
|                                   | Do. ...                | Madras ...            | 69          | Flushing drains of Native Infantry<br>lines at Ráyapuram.                                                                    | 4,300                     |
| 8. Fortifications                 | Chingleput.            | St. Thomas'<br>Mount. | 70          | General improvements to the drains<br>of the cantonment.                                                                     | ...                       |
|                                   | West Coast.            | Malapuram ...         | 71          | Constructing a fortified post ...                                                                                            | 8,248                     |
|                                   | North Arcot.           | Vellore Fort...       | 72          | Constructing draw-bridge ...                                                                                                 | 6,450                     |
|                                   | Presidency.            | Fort St. George       | 73          | Demolition of Wallajah ravelin<br>and two lunettes.                                                                          | ...                       |
|                                   | Do. ...                | Do. ...               | 74          | Constructing a draw-bridge at the<br>north gate.                                                                             | 4,487                     |
|                                   | Do. ...                | Do. ...               | 75          | Demolition of out-houses, clearance<br>of ditch and completion of walls.                                                     | ...                       |

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B—*cont.*

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

| OUTLAY.                      |                               | AMOUNT APPLIED FOR 1889-90. |                           |        | ITEM<br>No. | REMARKS AND REFERENCES.                                                                                                      |
|------------------------------|-------------------------------|-----------------------------|---------------------------|--------|-------------|------------------------------------------------------------------------------------------------------------------------------|
| Actual to end<br>of 1887-88. | Probable dur-<br>ing 1888-89. | Works in pro-<br>gress.     | Works not com-<br>menced. | Total. |             |                                                                                                                              |
| Rs.                          | Rs.                           | Rs.                         | Rs.                       | Rs.    |             |                                                                                                                              |
| ...                          | ...                           | ...                         | 2,846                     | ...    | 66          | G.O., No. 1261 W., dated 1st May 1888.<br>Item No. 32, class C works, budget of<br>1888-89.                                  |
| ...                          | ...                           | ...                         | 8,112                     | ...    | 67          | G.O., No. 2615 W., dated 24th August<br>1888. Item No. 33, class C works,<br>budget of 1888-89.                              |
| ...                          | ...                           | ...                         | 10,000                    | ...    | 68          | Estimate is awaited. Item No. 23, class<br>C works, budget of 1888-89.                                                       |
| ...                          | ...                           | ...                         | 4,300                     | ...    | 69          | G.O., No. 1397 W., dated 4th June 1884.<br>Item No. 42, class C works, budget of<br>1888-89.                                 |
| ...                          | ...                           | ...                         | 10,000                    | ...    | 70          | Estimate is awaited. Item No. 19, class<br>C works, budget of 1888-89.                                                       |
| ...                          | ...                           | ...                         | 8,248                     | ...    | 71          | G.O., No. 3114 W., dated 18th November<br>1887. Item No. 58, class C works,<br>budget of 1888-89.                            |
| ...                          | ...                           | ...                         | 5,000                     | ...    | 72          | G.O., No. 528 W., dated 7th March 1885.<br>Revised estimate is awaited. Item<br>No. 12, class B works, budget of<br>1888-89. |
| ...                          | ...                           | ...                         | 7,426                     | ...    | 73          | Estimate is awaited. Item No. 59, class<br>C works, budget of 1888-89.                                                       |
| ...                          | ...                           | ...                         | 4,487                     | ...    | 74          | G.O., No. 2447 W., dated 13th August<br>1888. Item No. 60, class C works,<br>budget of 1888-89.                              |
| ...                          | ...                           | ...                         | 10,000                    | ...    | 75          | Estimate is awaited. Item No. 61, class<br>C works, budget of 1888-89.                                                       |

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1ST MAY 1889, No. 1159 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.  
PUBLIC WORKS DEPARTMENT.

General.  
Account.

READ—the following papers :—

Extract from the Proceedings of the Government of India, Military Department  
(No. 683-M.W., under date Fort William, the 29th March 1889).

MADRAS.

*Orders on the Military Works Revised Estimate for 1888-89 and Budget Estimate for 1889-90.*

Read—

Military Department Resolution No. 2143-M.W., dated the 6th November 1888.  
Proceedings of the Government of Madras, Nos. 3945 and 3946 W., Public Works, dated 18th December 1888.

Resolution—

The revised and budget estimates of revenue for the current and ensuing years, respectively, are passed for the sums entered in the following table :—

XXXI—REVENUE.

|                                       | Actuals,<br>1887-88. | Budget<br>estimate,<br>1888-89. | Revised<br>estimate,<br>1888-89. | Budget<br>estimate,<br>1889-90. |
|---------------------------------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
| In the Public Works Department ... .. | RS.<br>26,973        | RS.<br>27,800                   | RS.<br>27,000                    | RS.<br>27,000                   |

44—EXPENDITURE.

2. The revised estimate of expenditure for the current year is passed for Rs. 6,26,700, the amount of the existing grant.

3. The budget estimate for 1889-90 is framed for Rs. 6,84,700, of which Rs. 6,00,000 represents the provisional grant sanctioned in Military Department Resolution No. 2143-M.W. of the 6th November last, and the balance, the amount allotted by the Director-General of Ordnance for ordnance works in the Madras Presidency. Subject to the remarks in the following paragraphs, the budget estimate is passed as submitted.

4. Provision to the extent of Rs. 20,000 should be made for improving the sanitation of the lines of Native troops.

5. The proposed allotments of Rs. 30,000 and Rs. 20,000 for the "new barracks at Poonamallee" and the "barracks for British Infantry at Malapuram," respectively, are inadequate, and should, if possible, be increased by postponing less important works. The complete estimates for both these projects should be submitted for the final approval of the Government of India.

6. Pending the sanction to estimates for the three class B works noted below and the receipt of further information regarding them, the allotments proposed are passed provisionally :—

|                                                                                |               |
|--------------------------------------------------------------------------------|---------------|
| Item 4. New saddle rooms for the Madras Cavalry Regiment at Bellary            | RS.<br>10,000 |
| Item 5. Accommodation in the Vellore fort for two companies of Native Infantry | 3,490         |
| Item 12. New rest-house and site for the rest-camp, Guntakal                   | 6,699         |



7. It is noticed that a reserve of Rs. 16,950 has been provided for incomplete major works. The Government of India are of opinion that it would be better to allot the whole to specific works, *e.g.*, the new barracks at Poonamallee, the provision for which, as already remarked, is insufficient to admit of satisfactory progress being made.

8. The details of the estimate of expenditure passed by the Government of India are shown in the following table:—

|                                                                                                                                             |                 | Actuals,<br>1887-88. | Budget<br>estimate,<br>1888-89. | Revised<br>estimate,<br>1888-89. | Budget<br>estimate,<br>1889-90. |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|---------------------------------|----------------------------------|---------------------------------|
|                                                                                                                                             |                 | RS.                  | RS.                             | RS.                              | RS.                             |
| Original works                                                                                                                              | { In progress   | 1,30,574             | 2,08,550                        | 2,15,100                         | 1,12,800                        |
|                                                                                                                                             | { Not commenced |                      |                                 |                                  |                                 |
| Repairs                                                                                                                                     | ...             | 2,93,110             | 3,00,000                        | 2,93,400                         | 3,00,000                        |
| Total, Works and Repairs                                                                                                                    |                 | 4,23,684             | 5,08,550                        | 5,08,500                         | 5,48,900                        |
| Establishment                                                                                                                               | ...             | 98,303               | 1,08,755                        | 1,08,700                         | 1,27,600                        |
| Tools and plant                                                                                                                             | ...             | 6,323                | 6,995                           | 7,000                            | 8,200                           |
| Add net modification made subsequent to the preparation of the revised estimate (to be distributed over departmental heads in final issue). |                 | ...                  | ...                             | 2,500                            | ...                             |
| Total                                                                                                                                       |                 | 5,28,310             | 6,24,300                        | 6,26,700                         | 6,84,700                        |

9. In the abstract on page 2 of the preliminary issue, the expenditure of 1887-88 has been incorrectly quoted. The figures shown in the foregoing table should be adopted for the purposes of the final issue of the budget estimate.

10. The authority herein given to incur expenditure within the limits of the grants passed is subject to the condition of a strict adherence to the rules in force regarding financial regularity.

#### Order—

Ordered that the foregoing be communicated to the Government of Madras, Public Works Department, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1889.

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

(Signed) E. COLLEN, Colonel,  
Secretary to the Govt. of India.

From Brigdr.-Genl. M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 17th April 1889, No. 1474 A.

Referring to your letter No. 53 D. of 13th instant, I am desired to state, for the information of Government, that the Commander-in-Chief, while anxious to meet the wishes of the Government of India in the matter of providing funds for the works marginally noted by transfer or by postponing less important works, very much regrets his inability to recommend the adoption of either of these courses to any large extent, in respect to the works for which funds have been allotted in the preliminary issue of the Madras Military Works budget for the current year.

2. With due regard, however, to the importance of providing funds as far as possible for the first of the works mentioned (*viz.*, that of improving the sanitation

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of the lines of Native troops), it being understood that the required grant (Rs. 20,000) for this purpose for the current year can only be met by the adoption of one or other of the courses above referred to, unless any portion of it could be otherwise provided for, the Commander-in-Chief is prepared to surrender this year the grants for the

|                                                             | RS.    |
|-------------------------------------------------------------|--------|
| New saddle rooms for the Madras Cavalry Regiment at Bellary | 10,000 |
| New rest-house and site for the rest-camp at Guntakal       | 6,699  |
| Total                                                       | 16,699 |

works noted in the margin; but, as the total amount allotted for these works would fall short of the sum required by Rs. 3,301, His Excellency trusts the Government will be pleased to sanction the difference being met from some other available source—as in his opinion there is no other work which can conveniently be postponed,—and in doing so would beg

to draw attention to the fact that the sum of Rs. 20,000 will probably be required for improving the sanitation of Native lines at stations outside the civil limits of the Madras Presidency (*viz.*, Secunderabad, Belgaum, &c.), as well as at those situated within such limits, and for this reason he thinks that the difference of Rs. 3,301 above mentioned should more properly be met from funds placed at the disposal of local administrations at Secunderabad, Belgaum, &c., than from the Madras Public Works budget.

3. While fully concurring in the opinion of the Government of India that, in order to admit of satisfactory progress being made on the two other works above mentioned in para. 1, a more adequate allotment of funds than that provided for in the preliminary issue of the budget should be made, the Commander-in-Chief much regrets that he is not in a position to suggest any source whence the said allotment could be enhanced other than that mentioned in para. 7 of Government of India Resolution received with your letter under reply.

4. An estimate, amounting to Rs. 3,825, for providing accommodation in the Vellore fort for two companies of Native Infantry, was submitted to Government in the Military Department with this office letter No. 1378 A. of 5th instant, which contained the information apparently required by the Government of India in para. 6 of their Resolution above quoted.

From the Quartermaster-General, dated 18th April 1889, No. 1487 A.

ORDER—dated 1st May 1889, No. 1159 W., Public Works.

Ordered that the final issue of the Imperial Military Works budget for 1889-90 prepared for Rs. 6,84,700, 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, and 45 copies, as shown in the margin, forwarded to the Government of India.

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

2. The revised estimate of charges for 1888-89, as shown in the preliminary issue of the budget, amounted to Rs. 6,24,228, but the modifications of grants subsequently sanctioned increased the amount to Rs. 6,26,735. The Government of India having passed the estimate for Rs. 6,26,700, that sum has been adopted in the final issue, and the necessary reductions have been made in the departmental heads.

3. The expenditure of 1887-88 shown in the abstract on page 2 of the preliminary issue represents the total expenditure in India inclusive of contributions as recorded in the Finance Accounts for that year, the distribution of the outlay from Imperial funds and contributions being separately shown in the abstract on page 3.

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As the Government of India direct in para. 9 of their Resolution that their figures should be adopted for the purposes of the final issue of the budget, the necessary modifications have been made in the abstract on page 2.

4. In para. 4 of their Resolution the Government of India have decided that provision to the extent of Rs. 20,000 should be made for improving the sanitation of the lines of Native troops. A sum of Rs. 16,699 has accordingly been provided for the purpose by withdrawing the allotments made in the preliminary issue for the marginally-noted works. As the Quartermaster-General reports that the sum of Rs. 20,000 will probably be required for improving the sanitation of Native lines at stations outside the civil limits of the Madras Presidency, viz., Secunderabad, Belgaum, &c., as well as

|                                                                 |            |
|-----------------------------------------------------------------|------------|
| New saddle rooms for the Madras Cavalry Regiment at Bellary ... | rs. 10,000 |
| New rest-house and site for the rest-camp at Guntakal ...       | 6,699      |
| Total ...                                                       | 16,699     |

at those situated within such limits, and that the difference (Rs. 3,301) should more properly be met from funds placed at the disposal of the local Administrations concerned than from the Madras Public Works budget, the Government of India will be requested, on receipt of the necessary particulars from the Quartermaster-General, to direct the Administrations concerned to make the necessary provision from the grants at their disposal.

5. His Excellency the Commander-in-Chief while fully concurring in the opinion of the Government of India that the allotments proposed for the barracks at Poonamallee and Malapuram are inadequate and should, if possible, be increased by postponing less important works, regrets his inability to recommend this course in respect to the works for which funds have been allotted in the preliminary issue of the budget to a larger extent than that proposed in para. 4 of these Proceedings. The proposal made by the Government of India in para. 7 of their Resolution cannot in existing circumstances be adopted, as the sum of Rs. 16,950 referred to therein is required for incomplete major works of the previous year, which cannot be postponed without serious loss to Government. The question of increasing the grant for the barracks at Poonamallee will, however, be kept in view if any balance is available after distributing the amounts required for incomplete major works. Revised estimates for the barracks at Malapuram and Poonamallee have been called for and, when received, will be submitted for the approval of the Government of India.

6. With advertence to para. 6 of the Government of India Resolution, it is observed that the allotments provided in the preliminary issue of the budget for saddle rooms for the Madras Cavalry Regiment at Bellary and a rest-house and site for a rest-camp at Guntakal having been withdrawn in the final issue, no further action is at present necessary with reference to them. An estimate of Rs. 3,825 for providing accommodation in the Vellore fort for two companies of Native Infantry has been received and the further information regarding it required by the Government of India will be submitted in due course.

7. The grants provided in the preliminary budget for Apothecaries' quarters at Wellington and for repairs have been reduced, and the necessary provision of funds for the water-supply to the Lawrence Asylum at Ootacamund has been made with reference to para. 1 of G.O., No. 266 W., dated 1st February 1889.

8. Detailed proposals for utilising the grants provided for "Institutes of British Regiments and Batteries in the Presidency" and for improving the sanitation of the lines of Native troops should be submitted as early as practicable.

9. Superintending Engineers concerned will submit, with the least possible delay, plans and estimates for the unsanctioned works for which funds have been provided in the budget.

10. The grants for repairs and incomplete major and minor works will, as usual, be held at the disposal of Government and distributed on receipt of detailed proposals from Superintending Engineers with reference to para. 1322 of the Public Works Code.

11. The amounts provided for Minor New Works, Ordinary and Ordnance, will be placed at the disposal of the officers commanding divisions and districts and the Inspector-General of Ordnance, respectively, to whom Superintending Engineers will apply for funds required under those heads.

(Here enter No. 1160 W., dated 1st May 1889.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,  
Ag. Joint Secy. to Govt., P.W.D.

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

ENDORSEMENT—dated 1st May 1889, No. 1160 W., Public Works.

Forwarded to the Government of India, Military Department.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,  
Ag. Joint Secy. to Govt., P.W.D.

Exd. J. Henricus.  
Spare Copies



GENERAL.  
ACCOUNT.

Gobt. of {1889} Madras.  
PUBLIC WORKS.

Dated May, 1st.

Recd.

Encl.

G.O., 1st May 1889, Nos. 1159 W.,  
1160 W.

MAY.

Imperial Military Works  
Budget for 1889-90  
Forwarding final issue of the —.

1389  
188

P. W. DEPARTMENT.

Current No. 3636.

From The Rev. A. C. Dayton

ENCLOS.—

No. 6.

Dated

16<sup>th</sup>

Received

20<sup>th</sup>

3 April 189.

SUBJECT.

Calling attention to  
C. 3179 & asking early  
issue of orders for im-  
provements to Garrison  
Prayer Room, Fort St  
George.

DISPOSAL.

No. 1974.C. Dated 20.4.89.

For in con. of No. 1791.C.  
20.4.89 to the S.E.V.C.  
for immediate attention.

(By order)

W. L. C. B. Capt. R. L.

S.E.W.

14 Recd 22.4.89  
20/4/89

Supp Engineer's Office



This post Card  
 states an estimate for  
 improvements to the  
 Prison Prison Room.  
 St. George's was under  
 examination in the  
 judicial office. It was  
 received on the 6. Inst.

R.S.  
 18.11.89

B.W.  
 Please hurry up  
 exam<sup>n</sup> of this Est.  
 inst.  
 Queen  
 18.4.89

W  
 The estimate has  
 not been received in  
 this office.  
 Wm  
 20.4.89

Note. Mr Taylor's postcard has  
 been forwarded in cont<sup>n</sup> of  
 1791. C. 88-4.89 to J.E.V.C. for  
 immediate attention.

15



SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

No. 505 1389

Bangalore, 22 April 1889.

From

Colonel H. H. Burton R.E.

SUPERINTENDING ENGINEER, V CIRCLE,

To

THE Chief Engineer  
P. W. Department.

SIR,

Enclosures.

1 Post Card  
returned

I have the honor to report that I am enquiring into Mr. Taylor's request the subject of your Memo No. 1791 C dated 8<sup>th</sup> April 1889, but I am unable at present to find as I<sup>st</sup> reference to Fort Saint George made before the Easter recess to report finally and definitely thereon, as the room in question in which Mr. Taylor wants a window converted into a door appears to be intended by His Excellency the Commander in Chief to be used for other purposes.

I have the honor to be

Sir,

Your most Obedt. Servant

H. H. Burton

Asst. Engineer & Circle.

16



Very Urgent 1389 No. 6. Sub H. 3636  
 SECRETARY TO GOVERNMENT  
 18 APR. 89  
 DEPARTMENT OF INDIAN AFFAIRS  
 The Hon. to enquire if his  
 letter of April 3. 1889 has been received  
 if order can be issued - at least to  
 take a widow into a dwelling at  
 the James O'Connell Room. Sub H. 3636.  
 A. C. Taylor  
 18 James O'Connell



1889.

P. W. DEPARTMENT.

Current No. 3179

From The Rev. H.C. Taylor  
Garrison Chaplain  
Fort. St. George

ENCLOS.—

No. 4

Dated 3<sup>rd</sup> April 1889

Received 4 — do —

SUBJECT.

Requesting to authorise  
the Exec. Engineer. Military  
Works to carry out certain  
improvements to the  
Garrison Prayer Room.  
Fort. St. George.

DISPOSAL.

No. 1791C Dated 8<sup>th</sup> April 1889

Forwarded to the  
Suply. Engineer & Circle  
for the necessary action  
and report.

(By order)

(sd) W.H.C. Baddely, Capt. R.E.

By: Chief Engineer P.W.D.  
(sd) R.R.E.D.B.  
5-4-89.

D874/84

EAST INDIA POST CARD  
THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.

Ct. Drake Brockman R.E.  
Secretary to Government  
Madras

1874



Feb 1894

April 3. 1889

138

To Lecturer of Science  
P. O. D.

*L. M.*

I have the honor to request your help & advice under the following circumstances:-

after applying for <sup>change</sup> ~~the~~ leaf 3 years, a Non-Resident has been assigned as a Liaison Officer in accordance with India's any Regulation Act. 2830

by order of H. E. the Commander-in-Chief dated Jan 18. 1889  
and by O. No. 13 of Feb. 14. 1889.

2. On Feb. 7, 1889 I received an charge of the Room from the Branch Department. Also the District Office. I asked a Feb. 9th 1889

1. for the necessary Furniture is allowed by Regulation
- & 2. that the Grants for might be cancelled whenever  
& a new substituted for a widow or other Child  
Lancaster might more easily look after the Poor

On 12 Feb. I was informed ~~that~~ the Barabach Karter had the  
 Ex. Engineer Mil. Works us requested to disprove of the  
 Pass 2. & the keys were handed over <sup>by me</sup> to Capt Sindley.  
 On April 1st I wrote to ask when & whether the above  
 alterations would be made & to day the keys of the  
 Regts Room are handed back (one "as the question of altering  
the floor is ordered to be held in abeyance for the present.")

As the meeting is ready to be laid down, I beg that you will be pleased to submit the Ex. Engineer to carry out the 2 improvements immediately. 20

immediately  
I have the honor to inform you  
of the receipt of your letter of the 20th  
inst. and in reply to inform you that the same  
has been forwarded to the proper authorities  
for their consideration. I am, Sir,  
Very respectfully,  
A. C. Taylor  
General Chairman

Near



Regd No 22 W

1389

No. 1791 C 48 April 1889

Forwarded to the  
Suptg: Engineer  
V Circle, for the  
necessary action  
and report.

(By order)  
Capt R. E.  
Dy. Suptg: Engineer P.W. Dept.

5/4. 13/4

Forwarded

1389

SUPERINTENDING ENGINEER'S OFFICE,  
V Circle, Madras,  
Chepak, 30 April 1889.

No. 646

From Colonel W H Burton R.E.

SUPERINTENDING ENGINEER, V CIRCLE,

To THE Chief Engineer  
P.W. Department.

SIR,

Enclosures.

1 Original  
Endorsement  
Returned.

In reference to your Memo.  
randum No 1791 C dated 8 April  
1889, I have the honor to report  
that having yesterday inspected  
the room now used as a Garrison  
Prayer Room I see no objection to the  
solid granite stone floor being  
taken up and relaid level  
throughout in order that a  
Madras cane matting may  
be laid on, as desired by the  
Garrison Chaplain.

Also if the room is likely  
to continue to be used as the  
Garrison Prayer room &  
there being already in Fort  
St. George a set of 3 rooms

21

near



near South East Semi Bastion  
used as a Roman Catholic Prayer,  
Reading & Recreation Room.  
There will be no objection to  
converting the present iron barred  
-red window &c into a door-  
way for the convenience of  
the Church lascaros. The proba-  
ble cost will be less than  
Rs 200/- and I have applied  
to the Brigadier General  
Commanding for funds out  
of Ellinor New works grant  
usually at his disposal for  
carrying out the work.

I have the honor to be  
Sir  
Your Most Obedt Servant

W H Burton Col<sup>l</sup> R<sup>e</sup>  
Superintending Engineer  
50 Circle.

1387

22



Memo No 1791 C of R. 4. 89.

vide No 2313 C of R. 5-5-89

288

No. 2312 C of R. 13 May 1889

Copy furnished  
to the Garrison  
chaplain Fort St. George  
for information.

WCS  
4.5.89

Ames  
9.5.89

13/5

To The Rev. A. C. Taylor  
To The Rev. A. C. Taylor  
Garrison Chaplain  
S. E. V. C.

7/5- O.S. 4/5- 2/5

From PWC No 3974  
The Superintending Engineer  
V Circle

To  
The Chief Engineer  
P.W. Department.

Dated 30 April 1889.

R. 2.5.89

Enclosures. 1

No. 646  
No. 2312 C of R. 13 May 1889  
Garrison Prayer Room in  
Fort Saint George.

states that the proposed  
alterations to - may be carried  
out at a cost of less than  
Rs 200 and that he has  
applied for funds from the  
Reserve with the Brigadier  
General for minor new works.

SW  
W

Write Disposal

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

Chepak, 1 May 1889.

No. 676

From

Col. W. H. Burton. R.E.

SUPERINTENDING ENGINEER, V CIRCLE,

To

The Chief Engineer  
P.W. Department.

Sir,

I have the honor to inform you,  
in reference to your Memo No  
1974 C dated 20 April 1889, that in  
November last Captain Lindley R.E.,  
submitted as "for Executive Re-  
gimental Presidency Division"  
to the Brigadier General Command-  
ing Eastern District for ap-  
proval, an Estimate amount-  
ing to Rs 555.

This Estimate the Brigadier  
General decided to approve  
but sent it to me for favour  
of my opinion with the remark  
"Government having permitted  
the Scripture Readers to occupy the  
"Scripture Readers" Quarters of  
"rent as an indulgence, can hardly  
"have contemplated that so  
"heavy an outlay as that shown  
"in the Estimate for repairs to the  
same

Enclosures.

with the  
sent to  
the 3/5



"Same would be incurred without  
"some return in the form of  
"rent -"

I thereupon called on Executive  
Engineer Presidency Division  
(1) for his signature to the Es-  
timate & for any remarks  
he had to offer on the above:  
after which I received two  
Reports reiterating the neces-  
sity of all the items provi-  
ded in the Estimate  
and supported by a letter  
from the Garrison Chaplain  
which I have returned  
to Bangalore -

Yesterday I went to see  
the Building and think  
that a certain portion  
of repairs as lime whitening  
the interior & reconstruct-  
ing Verandah Roof &c.  
estimated to cost Rs. 31/6  
should be done - the latter  
for appearance's sake - So  
much of the Fort being  
much dilapidated and  
ruin

\* 30<sup>th</sup> April

I am replying to the local Mili-  
tary authorities accordingly -  
1287 Still I think the claims of  
the Scripture Reader are, under  
the circumstances of his posi-  
tion, redundant.

I have the honor to be  
Sir  
Yours Most Obedt Servt

W. Burton Jell. R. E.  
Superintendent of Engineers,  
5<sup>th</sup> Circle



Memo No 2157C/2-5-89 side No 2312C  
" 1974C/10-4-89  
" 1791C/15-4-89

From *P.W. No 4011*  
The Superintending Engineer  
5<sup>th</sup> Circle

No. 2313C/13 May 1889

(4)  
To The Chief Engineer  
P.W. Department

Copy furnished  
to the Garrison  
to the Garrison  
Chaplain, Fort St.  
Chaplain, Fort St.  
George, for information  
George, for information

Dated 2<sup>nd</sup> } May 1889.  
Recd. 3 }

MCM

7.5.89

Recd  
9.5.89

No. 2313C/13 May 1889

No. 676.

Scripture Reading Quarters

Reports on the repairs  
in Fort Saint George

To The Hon. A. E. Taylor  
The Registrar  
Garrison Chaplain  
S. E. Circle  
S. E. V Circle

15-4-89

with memo

No 946

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

Chepak, 10 May 1889

From Colonel W. H. Burton R.E.

SUPERINTENDING ENGINEER,

V CIRCLE,

To THE Chief Engineer  
P.W. Department.

SIR,

In continuation of my letter No. 646  
dated 30 April 1889 I have the honor to state  
that the District Staff Officer Madras District  
informs me that funds for the alterations and  
improvements to the Scripture room in Fort  
Saint George will be allotted when the Brigadier  
General Commanding receives the Military Minor  
allotment grant for the current financial year.

2. The work cannot be put in hand  
till funds are notified by that officer.

I have the honor to be

Sir,

Your most obedient servant

W. H. Burton

Colonel R.E.  
Superintending Engineer V Circle



L. S. Clarke  
The S. C. V. Circle  
Quinn Chaplain  
in Garrison  
Jesse George  
Fuller George

0  
17/5