56

(1) பக்கங்களின் எண்ணிக்கை 72

(2) புதுக்கித் திருப்பிய நாள் July 1988

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

# தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

[illegible] துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண். 2665 — அச்சகம் / பலவகை

நாள் : 29. 8. 1888 ~~198~~

வா கண்டபடி கையாளவோ கூடாது

G. K

-1—18,000—15-6-87.

29TH AUGUST 1888, No. 2665 W., PUBLIC WORKS.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

### General.
### Account.

READ—the following papers :—

From Colonel M. PROTHEROE, C.B., C.S.I., Officiating Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 7th July 1888, No. 2450 A.

Referring to O.G. No. 1199 W., of 23rd April 1888, para. 11, I am desired to solicit the favor of information as to when the orders distributing the grant for minor works for the current year may be expected, as already the first quarter of the official year has elapsed, and funds have not yet been placed at the disposal of General Officers commanding to carry out the numerous petty works, demands for which are constantly arising in military stations.

2. I am to suggest that, if possible, the grants for minor works to General Officers commanding be made at the same time as the final issue of the budget for the year is published.

No. 4714, Military.

Forwarded.

OOTACAMUND,
11th July 1888.

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

Office Note from the Examiner of Public Works Accounts, dated 8th August 1888, No. 2037.

There is no objection to the distribution of the grant for minor works, &c., in the budget, and it will be a convenient arrangement. A sufficient reserve should be kept with Government to meet the demands on account of incomplete works. Code para. 1322 (I) will have to be modified to suit this arrangement.

ORDER—dated 29th August 1888, No. 2665 W., Public Works.

It is observed that the distribution of the grant for minor works of the current year was sanctioned in G.O. No. 1969 W., dated 2nd July 1888.

2. As the system introduced by G.O. No. 405 W., dated 14th February 1881, is productive of undoubted inconvenience and delay, it will be superseded with the budgets of the ensuing official year in which specific allotments will be made for all classes of works, excepting incomplete works; the requirements for which will be provided for as at present from the reserve to be held at the disposal of Government.

3. Officers concerned will frame their budgets under all funds accordingly for 1889-90.

4. The requisite modifications will be made in Code Rules.

(True Extract.)

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

To the Examiner, Public Works Accounts.
To Superintending Engineers.
To the Consulting Architect to Government.
" Chief Engineer for Irrigation.
" Military Department.
Exd. F. R. Bantleman.
Spare Copies

5. Many works shown in the class C list are certainly as important as those in class B, though the limit necessarily placed on the latter excludes them from it. If therefore the Government of India makes an unusually liberal grant in the coming year, it can be taken full advantage of.

6. In accordance with the precedent of last year, lists D and E of minor works to be removed from and added to the list of that class of works as it stood in 1886-87 are also submitted; after all that has been urged in past years and in recent correspondence regarding the necessity of specially large grants for this class of works, it will be unnecessary now to say anything on the subject to their claims.

### CLASS A.

WORKS commenced, for completion of which grants are required.

| Command. | Station. | Item No. | Work. | Cost. | Remarks. |
|---|---|---|---|---|---|
|  |  |  |  | RS. |  |
| Bangalore division. | Bangalore ... | 1 | Public buildings, Madras Infantry Regiment.—Additions, &c., to—for a Pioneer Regiment. | 12,000 |  |
| Ceded districts ... | Bellary ... | 2 | Gun-shed for Royal Artillery. | 8,957 |  |
| Do. ... | Do. ... | 3 | Staff Sergeants' quarters, Ordnance Department. | 10,000 |  |
| Eastern district ... | Fort St. George. | 4 | Magazines ... ... ... | 33,000 |  |
| Do. ... | Vellore ... | 5 | Draw-bridge and gate to Fort. | 2,867 |  |
| Southern district. | Wellington ... | 6 | Quarters for three Apothecaries. | 5,400 |  |

OOTACAMUND,
8th September 1887.

(Signed) E. FAUNCE, Brigdr.-General,
Quartermaster-General.

### CLASS B.

WORKS of special urgency not yet commenced, for which funds are absolutely required.

| Command. | Station. | Item No. | Work. | Cost. | Remarks. |
|---|---|---|---|---|---|
|  |  |  |  | RS. |  |
| Bangalore division. | Bangalore .. | 1 | Public buildings for a Madras Cavalry Regiment. | 15,000 | Item 6, class B, budget of 1887-88. |
| Southern district .. | Calicut .. | 2 | A new barrack with subsidiary buildings for 30 men. | 20,000 |  |
| Eastern district .. | Poonamallee .. | 3 | Improving old barracks .. .. | 5,000 | Item 31, class C, budget of 1887-88. |
| Do. .. | Fort St. George. | 4 | Remodelling drainage .. .. | 10,000 | Item 14, class C, budget of 1887-88. |
| Do. .. | Do. .. | 5 | Facing enceinte with Portland cement. | 5,000 | Item 56, class C, budget of 1887-88. |
| Do. .. | Madras .. | 6 | Shed, Camp Equipage Depôt | 6,935 | Item 51, class C, budget of 1887-88. |
| Southern district .. | Calicut .. | 7 | Transport sheds .. .. .. | 3,310 | Item 46, class C, budget of 1887-88. |
| Do. .. | Trichinopoly .. | 8 | Store-rooms and workshop, &c., for 4th Pioneers. | 4,900 | Item 43, class C, budget of 1887-88. |
| Eastern district .. | Madras .. | 9 | Constructing four latrines, two for males and two for females, Perambúr lines. | 3,000 | Item 39, class C, budget of 1887-88. |
| Bangalore division. | Bangalore .. | 10 | New saddle-room, British Cavalry .. | 4,500 |  |
| Eastern district .. | Fort St. George. | 11 | Sundry works in connection with extra accommodation, British Infantry and Royal Artillery. | 20,000 |  |

OOTACAMUND,
8th September 1887.

(Signed) E. FAUNCE, Brigdr.-General,
Quartermaster-General.

### CLASS C.

WORKS of less urgency not yet commenced, for which also grants are required.

| Command. | Station. | Item No. | Work. | Cost. |
|---|---|---|---|---|
|  |  |  |  | RS. |
| Bangalore Division. | Bangalore ... | 1 | Quarters for schoolmaster and schoolmistress, Royal Artillery ... ... .. ... ... | 10,240 |
|  | Do. ... | 2 | Quarters for a Conductor, Transport Department. | 5,800 |
|  | Do. ... | 3 | 12th Lancers.—New orderly room or conversion of Quartermaster's stores into orderly room and stores ... ... ... ... ... ... | 6,500 |
|  | Do. ... | 4 | Transport Department.—Quarters for an Ambulance Sergeant near Cattle lines ... ... | 3,000 |
|  | Do. ... | 5 | Battery office for Royal Horse Artillery ... | 3,700 |
|  | Do. ... | 6 | Buildings for Wheelers' shop, Royal Horse Artillery ... ... ... ... ... ... | 3,100 |
|  | Do. ... | 7 | Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah ... ... ... ... | 2,840 |
|  | Do. ... | 8 | Drainage, British Infantry Barracks ... ... | 8,000 |
|  | Do. ... | 9 | Quarters for Senior Apothecary, North Station Hospital ... ... ... ... ... ... | 5,300 |
|  | Do. ... | 10 | Quarters for Assistant Apothecary, North Station Hospital ... ... ... ... ... ... | 4,773 |
| Southern District. | Wellington ... | 11 | 2nd Royal Fusiliers' gymnasium ... ... | 10,000 |
|  | Mallápuram ... | 12 | Converting Mallápuram into a fortified station ... | 5,000 |
|  | Do. ... | 13 | Constructing a cattle-shed for the Commissariat Department ... ... ... ... ... | 4,000 |
|  | Ootacamund ... | 14 | Water-supply, Lawrence Asylum ... ... | 7,000 |
| Ceded Districts. | Bellary ... | 15 | Infectious-disease ward and cook-house, station hospital ... ... ... ... ... ... | 6,140 |
|  | Do. ... | 16 | Alterations and additions to military prison and adjoining building ... ... ... ... | 11,260 |
|  | Do. ... | 17 | Swimming bath for British Infantry ... ... | 7,644 |
|  | Do. ... | 18 | Quarters for Bandmaster, British Infantry Regiment ... ... ... ... ... | 3,520 |
|  | Do. ... | 19 | Quarters for schoolmaster, British Infantry Regiment ... ... ... ... ... | 2,950 |
|  | Do. ... | 20 | Quarters for schoolmistress, British Infantry Regiment ... ... ... ... ... | 2,950 |
|  | Do. ... | 21 | Armourers' shop for the Arsenal ... ... | 4,650 |
|  | Do. ... | 22 | Converting the old Regimental Hospital now used as a Government school into quarters for nine Warrant Officers, Ordnance Department. | 20,380 |
| Eastern District. | Fort St. George. | 23 | Repairs to floors of B, C and D blocks, family quarters ... ... ... ... ... ... | 10,070 |
|  | Do. ... | 24 | Demolition of Wallajah ravelin and two lunettes ... ... ... ... ... ... | 7,426 |
|  | Do. ... | 25 | Constructing a draw-bridge at north gate ... | 2,680 |
|  | Madras ... | 26 | Lines for transport attendants ... ... ... | 48,000 |
|  | Do. ... | 27 | Workshops and sheds for carts and doolies, &c., Transport Department ... ... ... ... | 40,680 |
|  | Do. ... | 28 | Extra accommodation as store-rooms in the Gun Carriage Factory ... ... ... ... | 6,000 |
|  | Do. ... | 29 | Quarters for a Conductor, Commissariat Department ... ... ... ... ... .. | 4,000 |
|  | Do. ... | 30 | Quarters for station butcher at Guindy attached to slaughter-house ... ... ... ... | 4,740 |
|  | Do. ... | 31 | Constructing coach-houses and stables for the use of officers in Fort St. George ... ... | 15,770 |

Works of less urgency not yet commenced, for which also grants are required—*cont.*

| Command. | Station. | Item No. | Work. | Cost. |
|---|---|---|---|---|
| | | | | RS. |
| Eastern District—*cont.* | Madras ... | 32 | Flushing drains of Native Infantry lines at Ráyapuram ... ... ... ... ... | 4,300 |
| | Saint Thomas' Mount. | 33 | A wheeler and collar makers' shop for the west barracks ... ... ... ... ... ... | 5,660 |
| | Do. ... | 34 | Sergeants' mess for east barracks ... ... | 6,000 |
| | Do. ... | 35 | Quarters for three medical subordinates attached to the station hospital ... ... ... ... | 8,000 |
| | Do. ... | 36 | Quarters for the head-quarters staff, Royal Artillery ... ... ... ... ... ... | 12,000 |
| | Do. ... | 37 | General improvements to the drains of the cantonments ... ... ... ... ... | 10,000 |
| | Do. ... | 38 | Battery office for P/1st Royal Artillery, east barracks ... ... ... ... ... ... | 5,000 |
| | Do. ... | 39 | Raising roof of harness-room, Troop lines ... | 4,200 |
| | Do. ... | 40 | Wooden-shed at the proof range ... ... | 2,820 |
| | Do. ... | 41 | Converting the disused gun-shed between the north barracks and main guard into a coffee-shop, recreation-room and library ... ... | 2,520 |
| | Pallávaram ... | 42 | One mortuary room for each of the three hospitals, Nos. 1 to 3 ... ... ... ... | 8,000 |
| | Do. ... | 43 | Magazine for Madras Infantry Regiment on standard plan ... ... ... ... ... | 4,500 |
| | Do. ... | 44 | Armourers' shop for Madras Infantry Regiment. | 2,880 |
| | Poonamallee ... | 45 | Warrant Officers' quarters ... ... ... | 3,500 |
| | Do. ... | 46 | Two Staff Sergeants' quarters, first class ... | 6,000 |
| | Do. ... | 47 | Coffee-shop ... ... ... ... ... | 9,000 |
| | Vizianagrum... | 48 | Regimental store-room for Native Infantry including storage for camp equipage ... ... | 3,480 |
| | Madras ... | 49 | Constructing a wheat godown at Teynampet ... | 5,950 |
| | Do. ... | 50 | Providing sun-shades to all exposed doors and windows in the Ordnance Lines ... ... | 4,160 |
| Belgaum District. | Mangalore ... | 51 | Providing drains for the lines of the Native Infantry ... ... ... ... ... ... | 11,710 |
| | | | Total ... | 3,92,799 |

Ootacamund,
8th September 1887.

(Signed) E. FAUNCE, Brigadier-General,
Quartermaster-General.

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Office note from the Examiner of Public Works Accounts, dated Madras, 16th September 1887, No. 545.

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**Order**—dated 6th October 1887, No. 2624 W., Public Works.

Ordered that the schedule of requirements, under Imperial Military, for 1888-89, be forwarded to the Government of India in the Military Department.

2. With reference to paragraph 4 of G.O., No. 2077 W., dated 4th August 1887, a sum of Rs. 15,300, being the average of the grants for incomplete major works for the last five years, is entered as a reserve with the Government for distribution when the demands on account of incomplete major works of the current official year are notified.

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3. The Superintending Engineers concerned will submit, with the least possible delay, plans and estimates for the unsanctioned works for which funds are applied for in the schedule.

(Here enter No. 2625 W., dated 6th October 1887.)

(True Extract.)

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

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

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**Letter**—to the Secretary to the Government of India, Military Department, dated Ootacamund, 6th October 1887, No. 2625 W.

In forwarding herewith the Proceedings of the Government of Madras, No. 2624 W., dated 6th October 1887, with the schedule of demands under Imperial Military for 1888-89, I am directed to solicit the special attention of the Government of India to the Proceedings of this Government forwarded with endorsement No. 2078 W., dated 4th August 1887, and to express a hope that a very liberal grant may be assigned under this service for the reasons already brought to notice.

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

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

# Govt. of (1887) Madras.

## PUBLIC WORKS.

*Dated October, 6th.*

*Recd.* *Encl.*

**G.O., 6th Oct. 1887, Nos. 2624. 2625 W.**

**OCTOBER.**

### Military Works

The schedules of requirements on account of — in the Madras Presidency for 1888-89, forwarded to the Government of India with remarks.

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23rd April 1888, No. 1200 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. 640-M.W., under date Fort William, 23rd March 1888).

### Madras.

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

*Read*—

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

*Resolution*—

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

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

### 44.—Expenditure.

*Revised Estimate, 1887-88.*

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

*Budget Estimate, 1888-89.*

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

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

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

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

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

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

*Order*—

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

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

(True Extract.)

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

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

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

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

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

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

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

Rupees 1,895 from sum of Rs. 6,000 allotted for store rooms, Gun Carriage Factory, Madras.

ENCLOSURE.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(True Extract.)

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

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

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

Forwarded to the Government of India, Military Department.

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

Exd. J. Moses.
Spare Copies

2665/7

GENERAL.
ACCOUNT.

# Govt. of (1888) Madras.
## PUBLIC WORKS.

*Dated April, 23rd.*

*Recd.* *Encl*

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

**APRIL.**

## Military Works Budget Estimate for 1888-89

Forwarding copies of the final issue of the Imperial—,

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2665/8

*Appendix to G.O., No. 2624 W., dated 6th October 1887.*

## BUILDINGS AND ROADS.

SCHEDULE of the probable requirements of the Madras Presidency on account of Military Works for 1888-89.

| Head of classification. | Executive Division. | Locality. | Item No. | Projects and works. | Class. | ORIGINAL WORKS. | | | | | Repairs. | Establishment. | Tools and plant. | Suspense. | Grand Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Major works. | | | Minor works. | Total. | | | | | | |
| | | | | | | Works in progress. | New works. | Total. | | | | | | | | |
| | | | | | | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | |
| (1) Accommodation for Troops—Buildings for European Troops in the Plains—Permanent. | Bellary .. | Bellary .. | 1 | Gun-shed for Royal Artillery. | A | 8,957 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Rs. 3,970 were provided in current year (*vide* G.O., No. 1692 W., dated 23rd June 1887). |
| | Nilgiri .. | Wellington. | 2 | Quarters for three Apothecaries. | A | 5,400 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is under reference. Rs. 16,000 allotted in the current year—*vide* Item No. 2, class B works, budget of 1887-88. |
| | West Coast. | Calicut .. | 3 | A new barrack with subsidiary buildings for 30 men. | B | .. | 20,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 10, class C works, budget of 1887-88. |
| | Chingleput. | Poonamallee | 4 | Improving the old barracks. | B | .. | 5,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 31, class C works, budget of 1887-88. |
| | Presidency. | Fort St. George. | 5 | Remodelling the drainage. | B | .. | 10,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 14, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 6 | Sundry works in connection with extra accommodation, British Infantry and Royal Artillery. | B | .. | 20,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. |
| | Do. .. | Bangalore .. | 7 | New saddle room, British Cavalry. | B | .. | 4,500 | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. .. | Do. .. | 8 | Quarters for schoolmaster and schoolmistress, Royal Artillery. | C | .. | 10,240 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 10,240 was sanctioned in G.O., No. 2384 W., dated 20th September 1886. Item No. 17, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 9 | New orderly room or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers. | C | .. | 6,500 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 18, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 10 | Battery office for Royal Horse Artillery. | C | .. | 3,700 | .. | .. | .. | .. | .. | .. | .. | .. | Estimated is awaited. |

## Schedule of the probable requirements of the Madras Presidency on account of Military Works for 1888-89—*cont.*

| Head of classification. | Executive Division. | Locality. | Item No. | Projects and works. | Class. | Original Works. | | | | | Repairs. | Establishment. | Tools and plant. | Suspense. | Grand Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Major works. | | | Minor works. | Total. | | | | | | |
| | | | | | | Works in progress. | New works. | Total. | | | | | | | | |
| | | | | | | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | |
| European Troops in the Plains—Permanent—*cont.* | Presidency. | Bangalore. | 11 | Buildings for Wheelers' shop, Royal Artillery. | C | .. | 3,100 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. |
| | Do. .. | Do. .. | 12 | Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah. | C | .. | 2,845 | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. .. | Do. .. | 13 | Drainage, British Infantry barracks. | C | .. | 8,000 | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. .. | Do. .. | 14 | Quarters for Senior Apothecary, North Station Hospital. | C | .. | 5,300 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 5,300 was sanctioned in G.O., No. 3385 W., dated 27th November 1883. Item No. 19, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 15 | Quarters for the Assistant Apothecary, North Station Hospital. | C | .. | 4,773 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 4,773 was sanctioned in G.O., No. $\frac{238}{2}$ W., dated 5th April 1884. Item No. 20, class C works, budget of 1887-88. |
| | Nilgiri .. | Wellington | 16 | Gymnasium, 2nd Royal Fusiliers. | C | .. | 10,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 7, class C works, budget of 1887-88. |
| | Bellary .. | Bellary .. | 17 | Infectious-disease ward and cook-house, station hospital. | C | .. | 6,140 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 6,140 was sanctioned in G.O., No. 320 W., dated 7th February 1884. Item No. 4, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 18 | Alterations and additions to military prison and adjoining buildings. | C | .. | 11,260 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 5, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 19 | Swimming bath, British Infantry. | C | .. | 7,644 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 7,644 was sanctioned in G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 20 | Quarters for Bandmaster, British Infantry. | C | .. | 3,570 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. |
| | Do. .. | Do. .. | 21 | Quarters for schoolmaster, British Infantry Regiment. | C | .. | 2,930 | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. .. | Do. .. | 22 | Quarters for schoolmistress, British Infantry Regiment. | C | .. | 2,950 | .. | .. | .. | .. | .. | .. | .. | .. | Do. |
| | Do. .. | Do. .. | 23 | Armourers' shop for the Arsenal. | C | .. | 4,650 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 6, class C works, budget of 1887-88. |
| (1) Accommodation for Troops—Buildin | | | | quarters. | | | | | | | | | | | | |
| | Do. .. | Do. .. | 25 | Constructing coach-houses and stables for the use of officers. | C | .. | 15,770 | .. | .. | .. | .. | .. | .. | .. | .. | Do. Item No. 15, class C works, budget of 1887-88. |
| | Chingleput. | St. Thomas' Mount. | 26 | A wheeler and collar makers' shop for the west barracks. | C | .. | 5,660 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 5,660 was sanctioned in G.O., No. 2717 W., dated 3rd Nov. 1884. Item No. 21, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 27 | Sergeants' mess for east barracks. | C | .. | 6,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 22, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 28 | Quarters for 3 medical subordinates attached to the station hospital. | C | .. | 8,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 24, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 29 | Quarters for the head-quarter's staff, Royal Artillery. | C | .. | 12,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 25, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 30 | General improvements to the drains of the cantonments | C | .. | 10,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 23, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 31 | Battery office for P/1st, Royal Artillery, east barracks. | C | .. | 5,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 26, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 32 | Raising the roof of harness room, troop lines. | C | .. | 4,200 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 4,200 was sanctioned in G.O., No. 3137 W., dated, 17th Dec. 1881. Item No. 27, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 33 | Wooden shed at the proof range. | C | .. | 2,820 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 2,820 was sanctioned in G.O., No. 3077 W., dated 13th December 1884. Item No. 28, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 34 | Converting the disused gun-shed between the north barracks and main guard into a coffee shop, recreation-room and library | C | .. | 2,520 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 2,520 was sanctioned in G.O., No. 1284 W., dated 28th May 1885. Item No. 29, class C works, budget of 1887-88. |
| | Do. .. | Pallávaram. | 35 | One mortuary room for each of the 3 hospitals, Nos. 1 to 3. | C | .. | 3,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 30, class C works, budget of 1887-88. |
| | Do. .. | Poonamallee. | 36 | Warrant officers' quarters. | C | .. | 3,500 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 32, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 37 | Two staff sergeants' quarters, first class. | C | .. | 6,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 33, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 38 | Coffee shop .. .. | C | .. | 9,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 34, class C works, budget of 1887-88. |
| (1) Accommodation for Native Troops. | Presidency. | Bangalore. | 39 | Additions, &c., to public buildings, Madras Infantry Regiment for a Pioneer Regiment. | A | 12,000 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 21,636 was sanctioned in G.O., No. 2952 W., dated 29th Nov. 1884. Item No. 2, class A works, budget of 1887-88. |
| | Do. .. | Do. .. | 40 | Public buildings for a regiment of Native Cavalry. | B | .. | 15,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 30,990 was sanctioned in G.O., No. 1302 W., dated 25th May 1886. The budget grant of Rs. 10,000 for the current year has been since withdrawn. |

## Schedule of the probable requirements of the Madras Presidency on account of Military Works for 1888-89—*cont.*

| Head of classification. | Executive Division. | Locality. | Item No. | Projects and works. | Class. | Original Works. | | | | | Repairs. | Establishment | Tools and plant. | Suspense. | Grand Total. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Major works. | | | Minor works. | Total. | | | | | | |
| | | | | | | Works in progress. | New works. | Total. | | | | | | | | |
| | | | | | | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | |
| (1) Accommodation for Native Troops. | Trichinopoly. | Trichinopoly. | 41 | Store-rooms and workshop, &c., for 4th Pioneers. | B | .. | 4,900 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 43, class C works, budget of 1887-88. |
| | Presidency. | Madras .. | 42 | Constructing 4 latrines, 2 for males and 2 for females, Perambur lines. | B | .. | 3,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 39, class C works, budget of 1887-88. |
| | Do. | Do. | 43 | Flushing drains of Native Infantry lines at Rayapuram. | C | .. | 4,300 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 4,300 was sanctioned in G.O., No. 1397 W., dated 4th June 1884. Item No. 40, class C works, budget of 1887-88. |
| | Chingleput. | Pallávaram. | 44 | Magazine for Madras Infantry Regiment on standard plan. | C | .. | 4,500 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 4,900 was sanctioned in G.O., No. 334 W., dated 8th Feb. 1886, Item No. 41, class C works, budget of 1887-88. |
| | Do. | Do. | 45 | Armourers' shop for Madras Infantry Regiment. | C | .. | 2,880 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 2,880 was sanctioned in G.O., No. 3149 W., dated 22nd Dec. 1884. Item No. 42, class C works, budget of 1887-88. |
| | Vizagapatam. | Vizianagram. | 46 | Regimental store-rooms for Native Infantry, including storage for camp equipage. | C | .. | 3,480 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 3,480 was sanctioned in G.O., No. 2626 W., dated 27th Oct. 1884. Item No. 35, class C works, budget of 1887-88. |
| | West Coast. | Mangalore. | 47 | Providing drains for the lines of Native Infantry. | C | .. | 11,710 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 38, class C works, budget of 1887-88. |
| (2) Ordnance Works. | Bellary .. | Bellary .. | 48 | Constructing six double quarters for the Staff Sergeants attached to the Ordnance Department. | A | 10,000 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 42,420 was sanctioned in G.O., No. 1650 W., dated 18th June 1887. Item No. 8, class B works, budget of 1887-88. |
| | Presidency. | Fort St. George. | 49 | Magazines. .. .. | A | 33,000 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is under reference. Rs. 17,000 provided for the current year—vide Item No. 9, class B works, budget of 1887-88. |
| | Bellary .. | Bellary .. | 50 | Converting the old regimental hospital now used as a Government school into quarters for nine warrant officers, Ordnance Department. | C | .. | 20,380 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. |
| | Presidency. | Madras .. | 51 | Extra accommodation as store-rooms in the Gun Carriage Factory. | C | .. | 6,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 45, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 52 | Providing sun-shades to all exposed doors and windows in the Ordnance Lines. | C | .. | 4,160 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 4,160 was sanctioned in G.O., No. 2248 W., dated 22nd August 1887. |
| (3) Commissariat Buildings. | Do. .. | Do. .. | 53 | Shed for the camp equipage. | B | .. | 6,935 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 6,935 has been received and is under disposal. Item No. 51, class C works, budget of 1887-88. |
| | West Coast. | Calicut .. | 54 | Transport sheds .. | B | .. | 3,310 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 46, class C works, budget of 1887-88. |
| | Presidency. | Bangalore. | 55 | Quarters for a Conductor, Transport Department. | C | .. | 5,800 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs. 5,800 was sanctioned in G.O., No. 992 W., dated 16th April 1886. Item No. 47, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 56 | Quarters for an Ambulance Sergeant near Cattle lines, Transport Department. | C | .. | 3,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 48, class C works, budget of 1887-88. |
| | West Coast. | Malapuram. | 57 | Constructing a cattle shed for the Commissariat Department. | C | .. | 4,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. |
| | Presidency. | Madras .. | 58 | Lines for transport attendants. | C | .. | 48,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 49, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 59 | Workshops and sheds for carts, doolies, &c., Transport Department. | C | .. | 40,630 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 50, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 60 | Quarters for a Conductor, Commissariat Department. | C | .. | 4,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. |
| | Chingleput. | Guindy .. | 61 | Quarters for station butcher attached to slaughter-house. | C | .. | 4,740 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 53, class C works, budget of 1887-88. |
| | Presidency. | Teynampet. | 62 | Constructing a wheat godown. | C | .. | 5,950 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 52, class C works, budget of 1887-88. |
| (3) Fortifications. | North Arcot. | Vellore .. | 63 | Constructing a draw-bridge and gate for the fort. | A | 2,867 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Estimate of Rs 6,450 was sanctioned in G.O., No. 528 W., dated 7th March 1885. Item No. 11, class B works, budget of 1887-88. |
| | Presidency. | Fort St. George. | 64 | Facing the enceinte of Fort St. George with Portland cement. | B | .. | 5,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 56, class C works, budget of 1887-88. |
| | West Coast. | Malapuram. | 65 | Converting Malapuram into a fortified station. | C | .. | 5,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 55, class C works, budget of 1887-88. |
| | Presidency. | Fort St. George. | 66 | Demolition of Wallajah ravelin and two lunettes. | C | .. | 7,426 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 57, class C works, budget of 1887-88. |
| | Do. .. | Do. .. | 67 | Constructing a draw-bridge at north gate. | C | .. | 2,680 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 58, class C works, budget of 1887-88. |
| | Nilgiri .. | Ootacamund. | 68 | Water-supply, Lawrence Asylum. | C | .. | 7,000 | .. | .. | .. | .. | .. | .. | .. | .. | Estimate is awaited. Item No. 54, class C works, budget of 1887-88. |
| (4) Staff and Miscellaneous. | .. | .. | 69 | Reserve with Government for incomplete Major Works. | .. | 15,300 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| | | | | Total .. | | 87,524 | 4,90,444 | 5,77,968 | 1,50,000 | 7,27,968 | 3,50,000 | 2,47,867 | 16,165 | .. | 13,42,000 | |

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## List of Military Works estimated to cost Rs. 2,500 each or under, and for which funds are required in the Public Works budget for 1888-89.

| Division or district. | Station. | Description of buildings, &c., and for what corps or departments needed. | Approximate estimate of cost. | Remarks by the Commander-in-Chief. |
|---|---|---|---|---|
| | | | RS. | |
| Eastern District. | Fort St. George. | Store-room, forge workshop—Arsenal. | 520 | When funds are available. |
| | Do. ... | A new bridge across trench in new park—Arsenal. | 810 | |
| | Do. .. | I. room alterations for theatre... | 1,000 | |
| | Do. ... | Pipes to carry off main water from the barracks—Officers' quarters, &c. | 990 | Recommended. |
| | Do. ... | Improvements to military prison. | 810 | When funds are available. |
| | Do. ... | Putting up 13 ventilator windows in the mess-room of the officers' mess-house of the British Regiment. | 600 | |
| | Do. ... | Enclosing verandah in the office of the Examiner, Medical Accounts. | 960 | Approved. |
| | Madras ... | Ordnance store-room—Beach .. | 1,250 | Necessary. |
| | Do. ... | Huts, infectious disease—Station hospitals. | 750 | When funds are available. |
| | Do. ... | Regimental school—Perambúr lines, Madras Infantry. | 1,375 | |
| | Do. ... | Shed to hold fire-engine, at the Government Bakery. | 820 | Approved. |
| | Do. ... | Iron railings to passage in the Storekeeper-General's record-room — Commissary-General's office. | 670 | |
| | Do. ... | Godown, wheat, &c. ... ... | 1,785 | When funds are available. |
| | Do. ... | Drainage—Bakery premises ... | 950 | |
| | Do. ... | Gram-boiling shed—Mule lines. | 1,500 | |
| | Do. ... | Latrine for hospital—Ráyapuram lines. | 1,000 | Approved. |
| | Do. ... | Converting one Sub-Conductor's quarters, Commissariat Department, to Conductor's quarters by adding a room 18' × 16'. | 576 | |
| | Do. ... | Store-room to 3 warrant officers and 4 sergeants' quarters—Commissariat Department. | 1,000 | |
| | Do. ... | Additional latrine accommodation—Army Clothing Department. | 536 | |
| | Do. ... | Granite stone foundation for machinery to wheel-wrights' shop—Gun Carriage Factory. | 890 | |
| | Do. ... | Laying on Red Hills water in pipes to the quarters of the Conductor and Mechanical Engineer at the Government Bakery, Teynampet. | 560 | |
| | St. Thomas' Mount. | Commissariat—Wells, &c., public cattle depôt. | 1,200 | When funds are available. |
| | Do. ... | Royal Artillery — Lightning conductor, Magazine. | 1,500 | Most important. |
| | Do. ... | Closing up archway, gun-shed—P. Battery, 1st Brigade. | 560 | Very necessary. |
| | Do. ... | Improvements to Sergeants' quarters — Reserve Powder Magazine. | 585 | *Vide* G.O., No. 2557 W., dated 2nd November 1885. Very necessary. |

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

| Division or district. | Station. | Description of buildings, &c., and for what corps or departments needed. | Approximate estimate of cost. | Remarks by the Commander-in-Chief. |
|---|---|---|---|---|
| | | | RS. | |
| Eastern District—*cont.* | St. Thomas' Mount. | Constructing a second verandah to the harness room attached to east barracks, Royal Artillery. | 1,170 | When funds are available. |
| | Do. ... | Constructing two store-rooms and two cook-rooms to recreation-room, library, and coffee shop, east barracks. | 700 | Approved. |
| | Do. ... | Drains in stables, east barracks. | 800 | |
| | Do. ... | Improving lightning-conductor, Reserve Powder Magazine. | 640 | |
| | Do. ... | Coating the pillars of Royal Artillery stables in the east and west barracks. | 880 | |
| | Do. ... | Constructing three line-gear rooms for Royal Artillery stables, east barracks. | 1,140 | |
| | Do. ... | Converting the vacant family quarters, south barracks, into quarters for medical subordinates doing duty at the station hospital. | 1,070 | |
| | Pallávaram ... | Tiled-shed ... ... ... | 636 | When funds are available. |
| | Poonamallee... | Alteration—Barracks ... ... | 1,000 | |
| | Do. ... | Wall, new—Family quarters ... | 1,000 | |
| | Do. ... | Constructing new walls between the latrines of the family quarters. | 730 | |
| | Do. ... | Providing lightning-conductor to the station hospital. | 2,400 | |
| | Do. ... | Improving drains in cantonment | 1,500 | Approved. |
| | Do. ... | Bullocks shed—Commissariat Department. | 510 | |
| | Vizianagram... | New magazine—Madras Infantry. | 1,530 | Very necessary. |
| | Do. ... | Improvements to hospital—Madras Infantry. | 515 | When funds are available. |
| | Do. ... | Improvements to ventilation—Madras Infantry. | 545 | |
| | Do. ... | Contagious disease shed ... | 917 | Approved. |
| | Berhampore... | Building for Commissariat stores and office. | 1,200 | When funds are available. |
| Bangalore Division. | Arkónam ... | Improving drains outside the compounds of the rest-house. | 560 | Approved. |
| | Bangalore ... | Royal Artillery—Latrine, Staff Sergeants' quarters, Royal Horse Artillery. | 2,100 | Very necessary on sanitary grounds. |
| | Do. ... | Quarters, Battery — Quartermaster Sergeant, Royal Horse Artillery. | 1,100 | Desirable. |
| | Do. ... | Cook-house—Sergeants' mess, field batteries. | 1,470 | Necessary. |
| | Do. ... | Latrine for men—Stables, field batteries. | 620 | |
| | Do. ... | Board floor, recreation-room—Royal Horse Artillery. | 1,240 | |
| | Do. ... | Stone floor to gun-shed, &c. ... | 1,160 | |
| | Do. ... | Two Riding Schools ... ... | 1,156 | Necessary. Estimate already sanctioned by Government. |
| | Do. ... | Latrine—Six seats for men at stables. | 600 | Very desirable. |
| | Do. ... | Camp equipage stores—Connecting with water-supply. | 1,170 | When funds are available. |

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

| Division or district. | Station. | Description of buildings, &c., and for what corps or departments needed. | Approximate estimate of cost. | Remarks by the Commander-in-Chief. |
|---|---|---|---|---|
| Bangalore Division—*cont.* | | | RS. | |
| | Bangalore ... | Latrine for followers ... ... | 1,600 | Necessary. |
| | Do. ... | North Station Hospital—Quarters for men of Army Hospital, Native Corps. | 756 | |
| | Do. ... | South Station Hospital—Quarters for men of Army Hospital Native Corps. | 924 | |
| | Do. ... | Improving place of arms and hospital. | 700 | |
| | Do. ... | Improving Staff Sergeants' quarters. | 2,000 | When funds are available. |
| | Do. ... | Improving Sergeant Butcher's quarters. | 525 | Very necessary. |
| | Do. ... | Improving road from race-course barracks to slaughter-house. | 1,400 | When funds are available. |
| | Do. ... | Additions to accommodation in Transport lines. | 1,545 | Urgently required. |
| | Do. ... | Converting Sergeants' quarters into Sub-Conductors' quarters. | 1,000 | Very necessary. |
| | Do. ... | Two grass-sheds for the two field batteries. | 920 | Unauthorised, but desirable. |
| | Do. ... | Constructing a stone drain in forage yard and levelling ground. | 1,440 | Approved. |
| | Do. ... | Preparing a boarded floor in the room now used as a fencing room. | 800 | |
| | Do. ... | Lining with stone the drain east and west of barrack limits, parade barracks. | 1,538 | Desirable. |
| | Do. ... | New drains in Transport lines to carry off water. | 1,100 | Approved. |
| | Do. ... | A room suitable for an office for the Quarter-master at north end of Quartermaster's stores, British Infantry. | 2,160 | |
| | Do. ... | Drains around the Married and Staff Sergeants' quarters, &c., British Infantry at St. John's Hill Barracks. | 710 | |
| | Do. ... | Quarters for the station butcher. | 2,000 | |
| Ceded Districts. | Bellary ... | Additions to the gate conductor's office—Arsenal, Bellary. | 1,464 | Approved. |
| | Do. ... | Renewal floor, No. II Magazine, Fort. | 616 | Very necessary. |
| | Do. ... | Reflooring Commissariat store-rooms with asphalte. | 670 | |
| | Do. ... | Drain pipes required to be fitted around the buildings to carry off rain-water from the roofs. | 1,690 | Desirable. |
| | Do. ... | Skittle alley ... ... ... | 1,600 | When funds are available. |
| | Do. ... | Guard-room for hospital guard-Station Hospital. | 1,200 | Very desirable. |
| | Do. ... | Compound wall for the quarters of the Army Hospital Corps. | 1,346 | When funds are available. |
| | Do. ... | Compound wall with two gates to enclose female hospital attached to Station Hospital. | 1,300 | |
| | Do. ... | Compound wall for medical subordinates' quarters—Station Hospital. | 535 | |
| | Do. ... | Enlarging a well in the cantonment. | 854 | |

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

| Division or district. | Station. | Description of buildings, &c., and for what corps or departments needed. | Aproximate estimate of cost. | Remarks by the Commander-in Chief. |
|---|---|---|---|---|
| | | | RS. | |
| Ceded dist.—*cont.* | Bellary ... | Converting No. 5 division workshop in the Arsenal into an office for the gate conductor. | 1,464 | When funds are available. |
| Southern Districts. | Wellington ... | Renewing floors of latrines and school block. | 1,680 | Necessary. |
| | Do. ... | Enlarging purveyors' stores ... | 2,000 | Very necessary. |
| | Do. ... | Cooking stoves for Staff Sergeants' quarters. | 536 | |
| | Do. ... | Supplying cooking stove, Sergeants' mess | 800 | Desirable. |
| | Do. ... | Laying on drinking water to hospital. | 2,226 | |
| | Do. .. | Masonry drain from Barracks square to Engineer's office. | 510 | Approved. |
| | Do. ... | Shed for dhooly-bearers and dhooly. | 2,300 | Approved, but estimate seems very high. |
| | Cannanore .. | Alterations and improvements to the Government bakery. | 2,117 | Desirable. |
| | Calicut ... | Stable and harness-room for 12 mules for the Commissariat Department at West Hill barracks. | 1,900 | Approved, but something on a cheaper scale should be provided. |
| | Do. ... | Road to Transport lines | 1,000 | Approved, if such a road is found necessary when a site for the new lines is finally settled. |
| | Do. ... | Extension of present wash and bath houses for the detachment. | 950 | Approved. |
| | Do. .. | Servants' houses and stables for Apothecary's quarters, West Hill. | 990 | |
| | Do. ... | Lines for Native Army Hospital for eight men. | 1,056 | |
| | Malapuram ... | Converting beer godown into a gymnasium for detachment | 790 | Very necessary. |
| | Do. ... | Providing a platform and pump to well. | 1,110 | |
| | Do. ... | Compound wall for infectious disease ward. | 725 | Approved. |
| | Mettupálayam. | Sick-cart shed—Commissariat Department. | 1,500 | |
| | Quilon ... | Renewing floor of hospital ... | 1,970 | Desirable. |
| | Do. ... | An armourers' shop—Madras Infantry. | 1,700 | When funds are available. |
| | Do. ... | Two solitary cells .. .. | 1,245 | Approved. |
| Belgaum District. | Mangalore ... | Reflooring hospital—Madras Infantry. | 695 | When funds are available. |
| | Do. ... | Additions to armourers' workshop. | 790 | |
| | Do. ... | Constructing permanent verandah for the Quartermaster's store, Native Infantry. | 630 | |
| | Do. ... | Putting a tar composite floor in place of arms in lieu of the existing wooden floor—Native Infantry. | 653 | |
| | Do. ... | Constructing parapet walls to two wells, erecting nine dust-bins and providing six designation boards for Hospital ward—31st Light Infantry. | 671 | Approved. |
| | ... | Lump sum provision for works costing below Rs. 500 each. | 32,313 | |
| | | Total .. | 1,50,000 | |

FINAL ISSUE.

IMPERIAL.
ILITARY WORKS.

MADRAS.

2665
13

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PUBLIC WORKS DEPARTMENT.

# IMPERIAL BUDGET-ESTIMATE

OF

# MILITARY WORKS

OF THE

# GOVERNMENT OF MADRAS

FOR THE YEAR

1888-89.

---

CHEPÁK,
23rd April 1888.

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

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IMPERIAL.
MILITARY WORKS.

MADRAS,

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## REVENUE.

### ABSTRACT of the BUDGET-ESTIMATE of REVENUE of the PUBLIC WORKS DEPARTMENT MILITARY WORKS in MADRAS from 1st APRIL 1888 to 31st MARCH 1889.

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

## CHARGES.

### ABSTRACT of the BUDGET-ESTIMATE of EXPENDITURE of the PUBLIC WORKS DEPARTMENT of MILITARY WORKS in MADRAS for the YEAR from 1st APRIL 1888 to 31st MARCH 1889.

| — | | Reference to Detailed Estimate. | Actuals, 1886-87. | Budget-Estimate, 1887-88. | Revised Estimate, 1887-88. | Budget-Estimate, 1888-89. |
|---|---|---|---|---|---|---|
| | | | Rs. | Rs. | Rs. | Rs. |
| ial W | In progress | ... | 1,45,707 | 1,42,600 | 1,41,395 | 74,277 |
| | Not commenced | | | | | 1,34,273 |
| Repairs ... ... | Ordinary | ... | 3,11,795 | 3,00,000 | 3,18,242 | 3,00,000 |
| | Special | | | | | |
| Establishment ... ... ... | | ... | 1,06,754 | 1,03,000 | 1,06,979 | 1,08,755 |
| Tools and Plant ... ... ... | | ... | 4,589 | 4,100 | 6,884 | 6,995 |
| Suspense Account ... ... ... | | ... | ... | ... | ... | ... |
| Total ... | | ... | 5,68,845 | 5,50,000 | 5,73,500 | 6,24,300 |

2665/15

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

| | Actuals, 1886-87. | Budget-Estimate, 1887-88. | Revised Estimate, 1887-88. | Budget-Estimate, 1888-89. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Original Works. | | | | | | | | |
| | | | | In progress. | Not commenced. | Total. | Repairs. | Establishment. | Tools and Plant. | Suspense Account. | Barrack Department. | Total. |
| Provision from Imperial Funds. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| In India ... | 5,67,207 | 5,50,000 | 5,73,500 | 74,277 | 1,34,273 | 2,98,550 | 3,00,000 | 1,08,755 | 6,995 | ... | ... | 6,24,300 |
| In England. | 1,638 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total ... | 5,68,845 | 5,50,000 | 5,73,500 | 74,277 | 1,34,273 | 2,98,550 | 3,00,000 | 1,08,755 | 6,995 | ... | ... | 6,24,300 |
| Provision from Contributions. | | | | | | | | | | | | |
| In India ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... |
| Grand Total ... | 5,68,845 | 5,50,000 | 5,73,500 | 74,277 | 1,34,273 | 2,[illegible]550 | 3,00,000 | 1,08,755 | 6,995 | .. | .. | 6,24,300 |

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

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

245/16

DETAIL OF THE BUDGET-ESTIMAT GINAL WORKS FOR THE YEAR 1888-89.

CLAS ORKS.

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

365/17

## DETAIL OF THE BUDGET-ESTIMAT NAL WORKS FOR THE YEAR 1888-89.

### CLASS RKS.

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. |  | Grant, 1888-89. |  |  | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  | Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. |  |  |
|  |  |  |  |  | Rs. | Rs. | Rs. | Rs. | Rs. |  |  |
|  |  |  |  | IMPERIAL ORDINARY.<br>MILITARY<br>*Original Works.* |  |  |  |  |  |  |  |
| (1) *Accommodation for troops*—<br>Buildings for European troops in the plains. Permanent. | Nilgiri ... | Wellington ... | 1 | Quarters for three Apothecaries ... | ... | ... | ... | ... | 6,500 | ... | stimate under revision. Item No. 2, class B works, budget of 1887-88. |
|  | Chingleput. | Poonamallee... | 2 | New barracks ... ... ... | 1,66,885 | ... | ... | ... | 0,000<br>2[illegible],158 |  | G.O., No. 465 W., dated 19th February 1879. |
|  | Presidency. | Bangalore ... | 3 | New saddle room, British Cavalry... | 4,158 | ... | ... | ... | [illegible]00 |  | G.O., No. 423 W., dated 6th February 1888. |
| Accommodation for Native troops. | Do. ... | Madras ... | 4 | Constructing 4 latrines—2 for males and 2 for females—Perambur lines. | ... | ... | ... | ... | 3,9[illegible] |  | Estimate is awaited. Item No. 39, class C works, budget of 1887-88. |
| (2) *Ordnance Works* ... | Bellary ... | Bellary ... | 5 | New workshops for the Arsenal ... | ... | ... | 6,858 | 22,650 |  |  | Estimate is awaited. |
|  | Presidency. | Madras ... | 6 | Purchase of land for coal store and Artificers' quarters at Vepery. | ... | ... | ... | ... | ... |  | Do. |
|  | Do. ... | Do. ... | 7 | Turners' shop, Gun Carriage Factory. | ... | ... |  | ... | 41,625 |  | Do. |
|  | Do. ... | Do. ... | 8 | Extra accommodation as store-room in the Gun Carriage Factory. | 6,245 |  |  | ... | 10,000 |  | G.O., No. 2946 W., dated 5th November 1887. |
|  | ... | ... | 9 | Minor works under Ordnance ... | ... |  | ... | ... | 9,570 |  |  |
| (3) *Commissariat buildings.* | West Coast. | Calicut ... | 10 | Sheds for transport animals ... | ... | ... | ... |  | 3,310 |  | Estimate is awaited. Item No. 46, class C works, budget of 1887-88. |
| (8) *Fortifications.* | Do. ... | Cannanore ... | 11 | Converting the Cannanore Fort into a defensible post. | 7,790 | 4,347 | ... |  | ... |  | G.O., No. 3274 W., dated 1st December 1887. |
|  | North Arcot. | Vellore ... | 12 | Constructing a draw-bridge and gate for the fort. | 6,450 | ... | ... | ... | 6,450 |  | G. , No. 528 W., dated 7th March 1885. It m No. 11, class B works, budget of 1887-88. |
|  | Presidency. | Bangalore ... | 13 | Constructing a fire-engine shed and guard-room in the Agram entrenchment. | 5,555 | ... | ... | ... | 5,555 |  | G.O., No. 536 W., dated 16th February 1888. |
|  |  |  | 14 | Reserve with the Government for incomplete major works. | ... |  | ... | 15,973 | ... |  |  |
|  |  |  | 15 | Minor works ... ... ... | ... |  | ... | ... | 20,000 |  |  |
|  |  |  |  | Total ... | ... |  | ... | 41,687 | 1,34,273 | 1,75,960 |  |

A

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-8

CL

| Head of Classification. | Executive Division. | Locali | em | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | MPERIAL ORDINARY | |
| | | | | MILITARY | |
| | | | | *Original Works.* | |
| (1) *Accommodation for troops*—<br>Buildings for European troops in the plains. Permanent. | Bellary ... | | | Infectious disease ward, cook-house and station hospital | 6,140 |
| | Do. ... | | | Alte ... tions and additions to Military prison and adjoining build- | ... |
| | Do. ... | Do. | | Swim ... ng-bath, British Infantry. | 7,644 |
| | Do. ... | Do. | | Arm ... shop, 2nd Light | 2,695 |
| | Do. ... | Do. | | ... the Bandmaster, Bri- | ... |
| | Do. ... | Do. | | Quarters for ... ry. ... tish Infant Schoolmaster, British ... egiment. | ... |
| | Do. ... | Do. ... | 6 | Quarters for ... Infantry Schoolmistress B ... egiment. | |
| | Do. ... | Do. ... | 7 | Quarters for ... Infantry, 2nd Roy ... | |
| | Nilgiri ... | Wellington ... | 8 | Gymn ... new barrack ... buildings for 3 ... | |
| | West Coast. | Calicut | | ... | ... |
| | Chingleput | Poonamallee ... | 10 | Improving the ol ... | ... |
| | Do. ... | Do. ... | 11 | Warrant O ... rters ... | ... |
| | Do. ... | Do. ... | 12 | Two Se ... ts' quarters, first class. ... ... | ... |
| | Do. ... | ... | 13 | Coffee shop ... ... | ... |
| | Do. ... | Pallavaram ... | 14 | One mortuary room for each of the three hospitals, Nos. 1 to 3. | |
| | Do. ... | St. Thomas' Mount. | 15 | A wheeler and collar maker's shop for the West barracks. | |
| | Do. ... | Do. ... | 16 | Sergeants' mess for East barracks. | |
| | Do. ... | Do. ... | 17 | Quarters for 3 Medical Subordinat attached to the Station Hospital | |
| | Do. ... | Do. ... | 18 | Quarters for head-quarters staf Royal Artillery. | |
| | Do. ... | Do. ... | 19 | General improvements to the drain of the cantonment. | |

CH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM

ORKS.

| Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 6,140 | | 1 | G.O., No. 320 W., dated 7th February 1884. Item No. 4, class C works, budget of 1887-88. |
| ... | ... | ... | 11,260 | | 2 | Estimate is awaited. Item No. 5, class C works, budget of 1887-88. |
| ... | ... | ... | 7,644 | | 3 | G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1887-88. |
| ... | ... | ... | 2,695 | | 4 | G.O., No. 2266 W., dated 14th September 1881. Item No. 1, class C works, budget of 1887-88. |
| ... | ... | ... | 3,529 | | 5 | Estimate is awaited. |
| ... | ... | ... | 2,950 | | 6 | Do. do. |
| ... | ... | ... | 2,950 | | 7 | Do. do. |
| ... | ... | ... | 10,000 | | 8 | Estimate is awaited. Item No. 7, class C works, budget of 1887-88. |
| ... | ... | ... | 20,000 | | 9 | Estimate is awaited. Item No. 10, class C works, budget of 1887-88. |
| ... | ... | ... | 5,000 | | 0 | Estimate is awaited. Item No. 31, class C works, budget of 1887-88. |
| ... | ... | ... | 3,500 | | 11 | Estimate is awaited. Item No. 32, class C works, budget of 1887-88. |
| ... | ... | ... | 6,000 | | 2 | Estimate is awaited. Item No. 33, class C works, budget of 1887-88. |
| ... | ... | ... | 9,000 | | 3 | Estimate is awaited. Item No. 34, class C works, budget of 1887-88. |
| ... | ... | ... | 3,000 | | 4 | Estimate is awaited. Item No. 30, class C works, budget of 1887-88. |
| ... | ... | ... | 5,660 | | 5 | G.O., No. 2717 W., dated 3rd November 1884. Item No. 21, class C works, budget of 1887-88. |
| ... | ... | ... | 6,000 | | 6 | G.O., No. 1118 W., dated 14th April 1888. Item No. 22, class C works, budget of 1887-88. |
| ... | ... | ... | 8,000 | | 7 | Estimate is awaited. Item No. 24, class C works, budget of 1887-88. |
| ... | ... | ... | 12,000 | | 8 | Estimate is awaited. Item No. 25, class C works, budget of 1887-88. |
| ... | ... | ... | 10,000 | | 1 | Estimate is awaited. Item No. 23, class C works, budget of 1887-88. |

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## APPE

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BU … H EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS … ORKS—*cont.*

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. | Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| | | | | | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | |
| | | | | Brought forward ... | | | | | | | | |
| | | | | IMPERIAL ORDINARY—*cont.* | | | | | | | | |
| | | | | MILITARY—*cont.* | | | | | | | | |
| | | | | *Original Works*—cont. | | | | | | | | |
| (1) *Accommodation for troops*—<br>Buildings for European troops in the plains. Permanent. | Chingleput. | St. Thomas' Mount | 20 | Battery office for P/1st Royal Artillery, East barracks. | ... | ... | ... | ... | 5,000 | | 20 | Estimate is awaited. Item No. 26, class C works, budget of 1887-88. |
| | Do. ... | Do. ... | 21 | Raising the roof of harness room, troop lines. | 4,200 | ... | ... | ... | 4,200 | | 21 | G.O., No. 3137 W., dated 17th December 1881. Item No. 27, class C works, budget of 1887-88. |
| | Do. ... | Do. ... | 22 | Converting the disused gun-shed between the north barracks and main guard into a coffee shop, recreation room and library. | 2,520 | ... | ... | ... | 2,520 | | 22 | G.O., No. 1234 W., dated 28th May 1885. Item No. 29, class C works, budget of 1887-88. |
| | Presidency. | Fort St. George. | 23 | Remodelling the drainage ... | ... | ... | ... | ... | 10,000 | | 23 | Estimate is awaited. Item No. 14, class C works, budget of 1887-88. |
| | Do. ... | Do. ... | 24 | Sundry works in connection with extra accommodation, British Infantry and Royal Artillery. | ... | ... | ... | ... | 20,000 | | 24 | Estimate is awaited. |
| | Do. ... | Do. ... | 25 | Repairs to floors of B, C and D blocks family quarters. | ... | ... | ... | ... | 10,070 | | 25 | Do. do. |
| | Do. ... | Do. ... | 26 | Construction of coach houses and stables for the use of officers. | ... | ... | ... | ... | 15,770 | | 26 | Estimate is awaited. Item No. 15, class C works, budget of 1887-88. |
| | Do. ... | Do. ... | 27 | Constructing two solitary cells in the Military prison. | ... | ... | ... | ... | 2,800 | | 27 | Estimate is awaited. |
| | Do. ... | Bangalore ... | 28 | Quarters for Schoolmaster and Schoolmistress, Royal Artillery. | 10,240 | ... | ... | ... | 10,240 | | 28 | G.O., No. 2384 W., dated 20th September 1886. Item No. 17, class C works, budget of 1887-88. |
| | Do. ... | Do. ... | 29 | New orderly room, or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers. | ... | ... | ... | ... | 6,500 | | 29 | Estimate is awaited. Item No. 18, class C works, budget of 1887-88. |
| | Do. ... | Do. ... | 30 | Battery office for Royal Horse Artillery. | ... | ... | ... | ... | 3,700 | | 30 | Estimate is awaited. |
| | Do. ... | Do. ... | 31 | Buildings for wheeler's shop, Royal Artillery. | ... | ... | ... | ... | 3,100 | | 31 | Do. do. |
| | Do. ... | Do. ... | 32 | Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah. | ... | ... | ... | ... | 2,846 | | 32 | Do. do. |
| | Do. ... | Do. ... | 33 | Drainage, British Infantry barracks | ... | ... | ... | ... | 8,000 | | 33 | Do. do. |
| | Do. ... | Do. ... | 34 | Quarters for Senior Apothecary North Station hospital. | 5,300 | ... | ... | ... | 5,300 | | 34 | G.O., No. 3385 W., dated 27th November 1883. Item No. 19, class C works, budget of 1887-88. |

AP

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

| Head or Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| | | | | Brought forward ... | ... |
| | | | | IMPERIAL ORDINARY—*cont.* | |
| | | | | MILITARY—*cont.* | |
| | | | | *Original Works*—cont. | |
| (1) *Accommodation for troops*—<br>Buildings for European troops in the plains. Permanent Accommodation for Native troops. | Presidency. | Bangalore ... | 35 | Quarters for the Assistant Apothecary, North Station hospital. | 4,773 |
| | Vizagapatam | Vizianagram. | 36 | Regimental store-room for Native Infantry, including storage for camp equipage. | 3,480 |
| | Bellary ... | Bellary ... | 37 | School-house for Native Infantry Regiment. | 3,030 |
| | West Coast. | Mangalore ... | 38 | Providing drains for the lines of Native Infantry. | ... |
| | Chingleput. | Pallávaram ... | 39 | Magazine for Madras Infantry Regiment on standard plan. | 4,000 |
| | Do. ... | Do. ... | 40 | Armourer's shop for Madras Infantry Regiment. | 2,880 |
| | Presidency. | Bangalore ... | 41 | Public buildings for a regiment of Native Infantry. | 30,990 |
| | Do. ... | Madras ... | 42 | Flushing drains of Native Infantry lines at Ráyapuram. | 4,300 |
| | Trichinopoly. | Trichinopoly. | 43 | Store-rooms and workshop, &c., for four Pioneers. | ... |
| (2) *Ordnance Works* ... | Bellary ... | Bellary ... | 44 | Constructing six double quarters for the Staff Sergeants attached to the Ordnance Department. | 42,420 |
| | Presidency. | Fort St. George. | 45 | Magazines ... ... ... ... | ... |
| | Do. ... | Madras ... | 46 | Providing sun-shades to doors and windows in the Ordnance Lines. | 4,160 |
| | Do. ... | Do. ... | 47 | Shed for the camp equipage .. | 6,935 |
| | Chingleput. | St. Thomas' Mount. | 48 | Wooden shed at the proof range. | 2,820 |
| (3) *Commissariat Buildings.* | Nilgiri ... | Wellington ... | 49 | Quarters for three Hospital Purveyors. | 4,750 |

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

| Outlay. | | Amount applied for 1888-89. | | | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|
| Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. | | |
| Rs. | Rs. | Rs. | Rs. | Rs. | | |
| ... | ... | ... | 4,773 | | 35 | G.O., No. 938 W., dated 5th April 1884. Item No. 20, class C works, budget of 1887-88. |
| ... | ... | ... | 3,480 | | 36 | G.O., No. 2628 W., dated 27th October 1884. Item No. 33, class C works, budget of 1887-88. |
| ... | ... | ... | 3,030 | | 37 | G.O., No. 119 W., dated 17th January 1884. Item No. 36, class C works, budget of 1887-88. |
| ... | ... | ... | 11,710 | | 38 | Estimate is awaited. Item No. 38, class C works, budget of 1887-88. |
| ... | ... | ... | 4,500 | | 39 | G.O., No. 334 W., dated 8th February 1886. Item No. 41, class C works, budget of 1887-88. |
| ... | ... | ... | 2,880 | | 40 | G.O., No. 3149 W., dated 22nd December 1884. Item No. 42, class C works, budget of 1887-88. |
| ... | ... | ... | 15,000 | | 41 | G.O., No. 1302 W., dated 25th May 1886. Item No. 6, class B works, budget of 1887-88. |
| ... | ... | ... | 4,300 | | 42 | G.O., No. 1397 W., dated 4th June 1884. Item No. 40, class C works, budget of 1887-88. |
| ... | ... | ... | 4,900 | | 43 | Estimate is awaited. Item No. 43, class C works, budget of 1887-88. |
| ... | ... | ... | 10,000 | | 44 | G.O., No. 1650 W., dated 18th June 1887. Item No. 8, class B works, budget of 1887-88. |
| ... | ... | ... | 33,000 | | 45 | Estimate is awaited. Item No. 9, class B works, budget of 1887-88. |
| ... | ... | ... | 4,160 | | 46 | G.O., No. 2248 W., dated 22nd August 1887. |
| ... | ... | ... | 6,935 | | 47 | G.O., No. 2558 W., dated 27th September 1887. Item No. 51, class C works, budget of 1887-88. |
| ... | ... | ... | 2,820 | | 48 | G.O., No. 3077 W., dated 13th December 1884. |
| ... | ... | ... | 4,500 | | 49 | G.O., No. 615 W., dated 21st February 1888. |

2655

APP

A.

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

H EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM

CLASS

ORKS—concld.

| Head of Classification. | Executive Division. | Locality. | Item No. | Projects and Works. | Amount of Estimate | Outlay. |  | Amount applied for 1888-89. |  |  | Item No. | Remarks and References. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  | Actual to end of 1886-87. | Probable during 1887-88. | Works in progress. | Works not commenced. | Total. |  |  |
|  |  |  |  |  | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |  |  |
|  |  |  |  | Brought forward ... |  |  |  |  |  |  |  |  |
|  |  |  |  | IMPERIAL ORDINARY—*concld.* |  |  |  |  |  |  |  |  |
|  |  |  |  | MILITARY—*concld.* |  |  |  |  |  |  |  |  |
|  |  |  |  | *Original Works*—concld. |  |  |  |  |  |  |  |  |
| (3) *Commissariat Buildings.* | West Coast. | Malapuram ... | 50 | Cattle shed for the Commissariat Department. | ... | ... | ... | ... | 4,000 |  | 5 | Estimate is awaited. |
|  | Do. ... | Quilon ... | 51 | Armourer's shop ... ... ... | ... | ... | ... | ... | 2,600 |  | 51 | Estimate is awaited. |
|  | Chingleput. | Guindy ... | 52 | Quarters for Station Butcher attached to slaughter-house. | ... | ... | ... | ... | 4,740 |  | 5 | Estimate is awaited. Item No. 53, class C works, budget of 1887-88. |
|  | Presidency. | Bangalore ... | 53 | Quarters for a Conductor, Transport Department. | 5,800 | ... | ... | ... | 5,800 |  | 5 | G.O., No. 992 W., dated 16th April 1886. Item No. 47, class C works, budget of 1887-88. |
|  | Do. ... | Do. ... | 54 | Quarters for an Ambulance Sergeant near Cattle lines, Transport Department. | ... | ... | ... | ... | 3,000 |  | 5 | Estimate is awaited. Item No. 48, class C works, budget of 1887-88. |
|  | Do. ... | Madras ... | 55 | Workshops and sheds for carts, doolies, &c., Transport Department. | ... | ... | ... | ... | 40,680 |  | 5 | Estimate is awaited. Item No. 49, class C works, budget of 1887-88. |
|  | Do. ... | Do. ... | 56 | Quarters for a Conductor, Commissariat Department. | ... | ... | ... | ... | 4,000 |  | 5 | Estimate is awaited. |
|  | Do. .. | Teynampet ... | 57 | Constructing a wheat godown ... | ... | ... | ... | ... | 5,950 |  | 5 | Estimate is awaited. Item No. 52, class C works, budget of 1887-88. |
| (8) *Fortifications* ... | West Coast. | Malapuram ... | 58 | Constructing a fortified post ... | 6,248 | ... | ... | ... | 5,000 |  | 5 | G.O., No. 3114 W., dated 18th November 1887. Item No. 55, class C works, budget of 1887-88. |
|  | Presidency. | Fort St. George | 59 | Demolition of Wallajah ravelin and two lunettes. | ... | ... | ... | ... | 7,426 |  | 5 | Estimate is awaited. Item No. 57, class C works, budget of 1887-88. |
|  | Do. ... | Do. ... | 60 | Constructing a draw-bridge at north gate. | ... | ... | ... | ... | 2,680 |  | 6 | Estimate is awaited. Item No. 58, class C works, budget of 1887-88. |
|  | Do. ... | Do. ... | 61 | Demolition of out-houses, clearance of ditch and completion of walls | ... | ... | ... | ... | 10,000 |  | 6 | Estimate is awaited. |
| (4) *Staff and Miscellaneous.* | Nilgiri ... | Ootacamund. | 62 | Water-supply, Lawrence Asylum... | ... | ... | ... | ... | 7,000 |  | 6 | Estimate is awaited. Item No. 54, class C works, budget of 1887-88. |

B

Why should not S. E's include in the Budgets, shortly due, their demands under "Minor Works", and "Tools & Plant"? The grants can then be made in the Budget, instead of in separate orders on incomplete works, which do not usually issue till the end of June or beginning of July. There will, under the proposed arrangement, be a great saving of time which is of consequence in the early months of the official year the principal working season.

The orders in June will then deal with Incomplete works only and unforeseen requirements under new works.

I can imagine no objection to the proposed change, and if you can see none, / the

matter might be submitted
to A.W., in view to a
Circular being at once
issued [illegible] Supdg Engr

14/9

Resolutn PWD 3.10.84

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## C.A.W.

There is this first objection to the proposal that the S.Es. invariably pitch their demands for Minor Works at a figure quite beyond the means at our disposal to meet the same.

Further, at the time the Budgets are submitted from the Circles, it is quite impossible to forecast with any degree of accuracy what will be the requirements of Complete Works, Major & Minor, & on these requirements mainly depends the amount that will be available for new Minor works, &c.

This difficulty can of course be got over by cutting down the demands to the average grants of previous years, & keeping back a large reserve, but this arrangement has no particular advantage over that now in force.

The argument for the proposal is that it will effect a great saving of time which is of consequence in the early months of the official year. The importance of this is exaggerated, inasmuch as the S.Es. are at liberty to & in fact do press on their incomplete works from commencement of year, whether specifically provided for or not, provision having necessarily to be made for these from reserve or by cutting down other budget allotments. Also repairs.

And, for Minor works the amounts eventually granted, at end of June, are so small that any delay in the distribution is of very little consequence.

I see then no particular adv
in disturbing the present syste
so far as it affects Minor Works,
vincial; and the proposal has,
take it, no bearing on Imperial &
other Services. On the other hand, th
system now followed gives us ful
control over the reserve until the
important requirements of incomplete
works are accurately known.

I certainly think that in the
budget provision may very well be
made for Repairs, for Communication
& for Tools & Plant, grants being as
signed to the Divisions on the basis
of outlay in previous years; but, in
my opinion, there is no present
need for any further change.

There is this to be said, however
in favour of the change, that it
would bring our procedure into
harmony with that followed in the
Irrigation branch. Their budget &
works admit better of it – in fact
make it a necessity.

C.B.

30.9.84

To

D.W.

The budget allotmen
for "Minor Works", and
"Tools & Plant" can perhaps
be fixed on the same
principle as those for
Repairs. viz. past expenditure limited by the
grant available for

Resubmitted [illegible] 3-10-84 [illegible] 30-10-84
A. 31 [illegible] R. 3.10.84.

2/ of distribution. There seems no difficulty in fixing the Reserve at any figure required. "Repairs" and "Establishment" may, to some extent, be regarded as compulsory charges in the preparation of the budgets. The allotment for "Original Works" can be regulated at discretion, so as to leave an adequate Reserve. Having this in view it would appear to be a simpler matter to budget for Minor Works & Tools & Plant, especially as the allotments under these heads are not proportionately large. We should moreover be acting up to the budget system, which requires provision to be made for expenditure in advance of the official year. The only expenditure which cannot be foreseen with accuracy is that for incomplete works and for [illegible]

Same provision under the head of Revenue is admitted into the budge

It seems questionable whether the same argum can be applied in favo of "Minor Work" & "Tools & Plant". If there is no great objection to budget for these Services, then the proper course should apparently, be followed in the case of all the budgets. This is how the matter occurs to me, and is what induced me to raise the question.

The present system was, it seems, adopted under a resolution drafted by the Examiner, and which issued as G.O. [illegible] W of 14 Feby 81. On reading the original papers in the file of this order, I can find nothing to justify a departure from recognized budget principles. In fact as the original order stan the demands were suppo to be made "before th close of March". This was subsequently alter

B. 31 [illegible] B. 3·10·84.

3) by Standing Order to Para 1582 of the Code, and made to read - "within six weeks after the close of the official year". This alteration was made, I imagine, to suit the Incomplete Works Statements

C. S.
1·10·84

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C.A.W.

Nothing easier, I admit, than budgetting for "minor works", as for other services, by basing the provision on the average of previous years. And this would be in accordance with the recognised Budget system & is what, I think, is pursued elsewhere.

But, as I said before, the argument about loss of time is comparatively unimportant, and present procedure gives us somewhat better control over the distribution of the reserve.

The change is in reality one of very little consequence one way or the other. What I don't like about it is that it disturbs a system introduced so recently as 1881, without any compensating advantage that I can see. There is nothing radically wrong about this system, & there is no particular object in changing it after two years trial unless a clear gain can be shown.

In all this I allude to "Minor Works" only; for certainly "Repairs", "Communications", "Tools & Plant", & "Establishment" — compulsory charges as you say — should be included in the Budget.

However, the question may very well be put before Sr for his consideration on return from tour. I have no very strong opinion against the reform, but am not inclined to it on the "quieta non movere" principle.

CW

3-10-84

To W

Submitted

R.S.

10.10.84

I think this matter may be allowed to stand over for this year.

When I go to Madras I should like to see the paper again, with the object of discussing some points with D. W.

17.10.84

To W.

Seen submitted

R.S. 4.11.84

Nothing further is now needed in this matter. The file may be put away.

16.1.

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27/2265

S.A.W.

Let me see please the order passed this year & that of last year on the S.E's demands for minor works & incomplete works. — )

CW

26.9.84

D.W.

Orders submitted.

Cw

26.9.84

C. No. 7074

To W

I made the same proposal in 1884 that the Ex. Mr. General now recommends. Vide office notes attached. The present Examiner sees no objection to them. They are quite in accordance with budget principles which require expenditure to be estimated *before*, and not *during* the official year. Unless offices know beforehand what money they are to get, they cannot well make proper arrangements for spending it within the official year.

R. S.

18 VIII. 88

2652

2665

# Memo

~~The undersigned has reason to believe that under~~ As the existing practice of providing funds for minor works, repairs & Tools & Plant, along with the incomplete works of the previous year ~~a~~ involves an unnecessary loss of time ~~great time is unnecessarily lost in~~ in the early period of every official year ~~which is~~ though it is the principal working season.

~~2. The~~ S Es are ~~therefore~~ requested, in modification of the instructions issued in memo No 126C of 13th January/83 to include, in their Circle Budgets for 1885-86 & for the ensuing years, the requirements, against each Division, on account of minor works, repairs & Tools & Plant so that they

Conveniently

may be included in the Budgets instead of in a separate order.

The statement of demands on the reserve referred to in para 1582 of the P.W. code will then include incomplete works only and other unforeseen requirements under new works.

To

All Supg Engrs
~~Ex. P.W. [illegible]~~
~~Office Note~~

To C.

~~Please peruse the accompanying memo & cause the necessary S.O. to be issued.~~

To D.W.

For consider
& approval.

Ch.
26/9/84

W/25 9 30·9·84 – 2·3·10·84

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30/2665

S.A.W.

With reference to the accompanying memo from C.A.W. I beg to submit the following:

Up to the year 1879-80 the budgets for the several years provided funds for minor works, repairs & tools & plant. In 1880-81, however, owing to the smallness of the Govt grant assigned for Public works, it was not found possible to provide, in the Budget for that year the usual lump sums for undertaking minor works as it was found necessary to retain at the disposal of Govt. a large sum as reserve with a view to make appropriations for works, the urgency of which may subsequently be known. It will appear therefore that the practice of providing in the Budgets on account of

Commencing

minor works was deviated from in the year 1880–81 as a special case.

Then about February/81 the Examiner of P W accts brought to the notice of Govt the difficulty experienced in the then existing practice of appropriating funds for individual minor works, vide his office note No 1038 of 1st Feby /81 (put up) – The Examiner's proposal was then approved & he was asked to submit a draft Circular on the subject which he did vide 405 W of 14th Feby /81.

In para 1 of this Circular, for reasons not apparent, it is laid down that each S Engr should report to Government before the close of March, the amount of the estimated requirements for the ensuing year, on acct of minor works, repairs d Roads & Canals – And in para 2 it is also laid down that on the issue of the Budget

Budget or as soon after as possible the Govt will issue a statement specifying the amounts allotted to each Division and this arrangement was introduced as a ruling in the Code, vide para 1582.

No doubt the reversion to the old practice will be a great advantage & it is kept up in the Irrigation branch where funds are provided for minor works in the budgets themselves – But I suppose the S Es will experience some difficulty in forming a correct estimate, so early in the year, (1st October, being the due date of the Budgets) of the exact requirements for the ensuing offl year, on acct of these minor works. But as the Budget provision is only probable and as from the experience of

Commending

the several years demands the requirements [illegible] can be approximately ascertained at any stage of the year, the expected difficulty may not be [illegible]

I beg to submit the accompanying draft circular to all [illegible] for approval -

---

Qr. Mr. Genl's Office
Ootacamund, 7th July '88

No. 2450. A

From

Col. M. Protheroe, C.B. C.S.I.
Offg. Quarter master Genl

To

The Secretary to Government
Public Works Dept.

Sir

Referring to O.G. No. 1199 W of 23d April 1888 para 11, I am desired to solicit the favor of information as to when the orders distributing the grant for minor works for the current year, may be expected, as already the first quarter of the official year has elapsed and funds have not yet been placed at the disposal of General Officers Commanding to carry out the numerous petty works, demands for which are constantly arising in military stations

2. I am to suggest that if possible the grants for minor works to General Officers

Commanding

Commanding be made at the same time as the final issue of the Budget for the year is published.

I have the honor to be
Sir
Your obedt. Servant

D. J. S. McLeod
Lt Col
Dy. Qr. Mr. Genl

No. 14714

Forwarded

A. Kenney Herbert Br. Genl
Secretary to Government

Ootacamund
11th July 1881

G.O. 1763 W 24.7.79
" 405 W " 14.2.87
" 1076 W " 11.4.87
" 2624, 2626 W 6.10.87
" 1200 W 23.4.88
" 1469 W 2.1.88

No. 454 P
to
A

P. W. Department
26th July 1888.

+ file 2808ly.

For remarks whether there is any objection to the distribution of the grants for works of all classes at the same time as the issue of the budget - Incomplete Works might be provided for from the Reserve which could be fixed at a sum sufficiently liberal to meet all Contingencies

25/7/88 For W

To W. No. 2037 / 8-8-88

There is no objection to the distribution of the grant for minor works etc. in the budget and it will be a convenient arrangement.

[illegible] 48.7.
12/7
[illegible] 2450 : 20.7.88

---

There [illegible]
July (1888) Dept.

EXAMINER
No. 1386
JUL 1888
P. W. ACCOUNTS

No. [illegible]

From

The Offg. Ex. Mr. [illegible]

To

The Secy to Govt.
P.W.D.

SECRETARY TO GOVERNMENT
12. JUL. 88
P.W. DEPARTMENT, MADRAS.

No. 2450/A

Dated 7th } July
Recd 9th } 88

Enclos. Nil.

Subject

Suggesting that the grants of minor works to G.Os.C. Divs. & Dts. be made at the same time as the final issue of the Budget is published

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A sufficient reserve should be kept with Government to meet the demands on account of incomplete works.
Code para 1322(I) will have to be modified to suit this arrangement.

3/8
20/8

C.

O.L.S. 82/8/88 | AW 21.8.88

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Genl
Acct

35
2665

Public Works Department.

# PROCEEDINGS OF THE MADRAS GOVERNMENT

Under date the

Read the following

Letter from the Offg Quarter Master Genl (Mil. No 2450 dated July 7 1888),
Endorsement in the Military department (" " 1914 do " 11, ")
Office Note from the Examiner P.W. Accts (" " 2037 do Augt 8 ")

PH
9 Aug

It is observed that the distribution of the grant for Minor Works of the current year was sanctioned in G.O. No 1969 W dated 2d July 1888.

2. As the system introduced by G.O. No 405 W dated 14th February 1881 is productive of undoubted inconvenience and delay, it will be superseded with the budgets of the ensuing official year in which specific allotments

will be made for all classes of works, excepting incomplete works; the requirements for such works will be provided for as at present from the reserve to be held at the disposal of Government.

3 Officers concerned will frame their budgets under all funds accordingly for 1889-90.

4 The requisite modification will be made in Code rules.

Jo
18/8/88

W.W.R.
26/8/88

To Govt

B W 29/8

Examiner P.W. Accts
Supdg Engineers
CA to Govt
CE for Irrigation
Military dept

9 b 17

To, I for favour of [illegible]
(attd) [illegible] [illegible] [illegible] from [illegible]

R.S.
J.L.S. 8/8/88
[illegible] 21.8.88
J. 27/8/88

36
3465

Govt. of (1888) Madras.

PUBLIC WORKS.

Urgent

Dated

Recd

Encl.

G.O. 29th Augt 1888, No. 2665 W

Demands for Minor
Works

Directing that from the
ensuing official year
specific allotments be made
in the budget for all classes
of works excepting incomple
works.

200
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[illegible]