(1) Number of pages 52

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(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W DEPARTMENT

G.O. No.
B.P. No. 2213-2214 Press
~~Mis.~~

Dated 10-8-1883 ~~198~~ .

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Archives I--10,006 I -80.

2213
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper :—

No. 262.

Report to accompany the plan and estimates for converting the old Artillery stable at Cannanore into a bakery and for sinking a well.

	Rs.
(1.) Bakery	6,360
(2.) Well	1,300
Total ...	7,660

2 Plans.
1 Detailed Estimate.
2 Abstract Estimates.
1 Specification.

At present there is no bakery at Cannanore, and it is proposed to convert the old Artillery stable at that station into a bakery. This arrangement has been approved of by His Excellency the Commander-in-Chief.

2. The ground plan and section of the oven are in accordance with the standard design which accompanied Public Works Department Circular No. 117 of 1867.

3. A well is also required for the supply of the bakery with water, and one has been estimated for to be constructed in the compound of the same building with water cistern, &c., as per enclosed plan.

4. Steam machinery has not been provided for in the estimate, as the Commissary-General states that it is considered more economical to have wheat ground and prepared by hand labor where there is a small number of troops.

5. If early sanction be accorded to the estimate, the grant of Rs. 5,000 allotted in the current year's budget will be fully utilized on the work.

OOTACAMUND,
26th June 1883.

(Signed) J. BEATTY, Colonel, R.E.,
Superintending Engineer, Fourth Circle.

No. 1272 C., Public Works.

Submitted for the approval of Government in the Military Department.

(By Order.)

(Signed) C. BOWEN, Major, R.E.,
Deputy Chief Engineer, P.W.D.

5th July 1883.

No. 3823, Military.

Approved.

(By Order.)

OOTACAMUND,
9th July 1883.

(Signed) E. L. HANKIN, Colonel,
Secretary to Government.

To the Public Works Department.

ORDER—dated 10th August 1883, No. 2213 W., Public Works.

The estimate, amounting to Rs. 7,660, for converting the old Artillery stables at Cannanore into a bakery and for sinking a well, is sanctioned.

2. This sanction has been registered as Imperial Ordinary No. 24 W. of 1883-84 and classified as Military Original Works.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India in continuation of G.O., No. 1965 W., dated 13th July 1883, with a request that the sum of Rs. 5,000 withdrawn by that Government be re-allotted for the early prosecution of this work.

(Here enter No. 2214 W., dated 10th August 1883.)

(True Extract.)

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle, with six Enclosures.
" Examiner, Public Works Accounts, with duplicate Abstract Estimate.
" Military Department.

Exd. A. F. Goodall.
Spare Copies

2213/2

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated August, 10th.

Recd. *Encl.*

G.O., 10th Aug. 1883, No. 2213 W.

AUGUST.

Bakery

The estimate for converting the old Artillery stables at Cannanore into a — and for sinking a well, sanctioned, and the Government of India to be requested to re-allot the sum of Rs. 5,000 withdrawn by them.

2213/3

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

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	RS.
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2. The ground plan and section of the oven are in accordance with the standard design which accompanied Public Works Department Circular No. 117 of 1867.

3. A well is also required for the supply of the bakery with water, and one has been estimated for to be constructed in the compound of the same building with water cistern, &c., as per enclosed plan.

4. Steam machinery has not been provided for in the estimate, as the Commissary-General states that it is considered more economical to have wheat ground and prepared by hand labor where there is a small number of troops.

5. If early sanction be accorded to the estimate, the grant of Rs. 5,000 allotted in the current year's budget will be fully utilized on the work.

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Superintending Engineer, Fourth Circle.

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(Here enter No. 2214 W., dated 10th August 1883.)

(True Extract.)

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle, with six Enclosures.
" Examiner, Public Works Accounts, with duplicate Abstract Estimate.
" Military Department.

ENDORSEMENT—dated 10th August 1883, No. 2214 W., Public Works.

Forwarded.

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

Exd. A. F. Goodall.
Spare Copies

2213/4

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated August, 10*th*.

Recd. *Encl.*

G.O., 10th Aug. 1883, No. 2214 W.

AUGUST.

Bakery

FORWARDING copy of Proceedings sanctioning estimate for converting the old Artillery stables at Cannanore into a — and for sinking a well, and requesting re-allotment of the sum of Rs. 5,000 withdrawn by the Government of India.

2213/5

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

Proceedings of the Government of India in the Military Department, dated Fort William, 12th March 1883, No. 232 M.W.

Orders on the Madras Military Works Budget Estimate for 1883-84 *and Revised Estimate for* 1882-83.

Read—

Military Department Resolution No. 1102 M.W., dated 6th November 1882.
Letter No. 122 W., dated 12th January 1883, from Government of Madras.

Resolution—

The following estimates of revenue have been accepted by the Government of India:—

—	Actuals, 1881-82.	Budget Estimate, 1882-83.	Revised Estimate, 1882-83.	Budget Estimate, 1883-84.
	RS.	RS.	RS.	RS.
In the Public Works Department ..	46,836	30,000	30,000	30,000

2. The budget estimate of expenditure for 1883-84 has been submitted for the provisional grant of Rs. 6,20,000 sanctioned in the Resolution above read, detailed by departmental heads as shown in the following statement:—

—	Actuals, 1881-82.	Budget Estimate, 1882-83.	Revised Estimate, 1882-83.	Budget Estimate, 1883-84.
	RS.	RS.	RS.	RS.
Original works ... In progress	1,15,574	60,361	2,94,400	1,15,400
Original works ... Not commenced		1,62,103		1,06,400
Repairs	2,69,097	2,75,000	2,73,100	2,75,000
Establishment	96,161	1,15,126	1,15,100	1,15,800
Tools and Plant	9,603	7,410	7,400	7,400
Suspense	...	...	...	...
Barrack Department	...	...	...	...
Total ...	4,90,435	6,20,000	6,90,000	6,20,000

3. Pressing requirements elsewhere render it necessary for the Government of India to reduce the grant provisionally sanctioned in the Resolution of November last by the withdrawal of the following grants:—

	Rs.
Item 2.—Raising walls of harness-rooms, St. Thomas' Mount ...	4,000
„ 7.—Armourer's shop, Bellary	2,700
„ 8— „ „ Vellore	2,800
„ 9.—Renewing portion of terrace roof of Armoury, Grand Arsenal, Fort St. George	4,900
Minor Works	600
Percentages of establishment and tools and plant on above	3,700
Total ...	18,700

The final issue of the budget estimate of the coming year should therefore be prepared for a total grant of Rs. 6,01,300.

4. The statement of works in Part I of the estimate seems to indicate that the important preliminary duty of preparing and approving estimates lags behind the provision of funds. It appears far from desirable to allot funds for works for which even the estimates are not yet prepared, while the progress of other and duly sanctioned works, the necessity for which is recognized, and which are already begun, is spread over many years from the smallness of the appropriations made. In this view the amount provided for the following works, for which estimates have not yet been sanctioned, are disallowed:—

	Rs.
Constructing stables for a field battery at Bellary	20,000
Covered gymnasium in the ball alley of the European regiment, Fort St. George	5,000
New wash-houses, &c., for the married quarters, Wellington ...	2,880
Housing for half a company of Queen's Own Sappers and Miners, Ootacamund	14,000
Stables for two field batteries, St. Thomas' Mount	15,000
Public buildings for cavalry regiment at Bangalore	14,000
Stables for three Royal Horse Artillery and field batteries, Bangalore	3,800
Two latrines for the Queen's Own Sappers and Miners, Bangalore.	5,000
Constructing a bakery at Cannanore	
Total ...	87,180

This total should be added to the grants proposed for—

I.—Barracks for European troops, Poonamallee,

II.—New barracks for Royal Artillery, St. Thomas' Mount,

III.—Barracks for detachment of British infantry, 100 men, Malapuram,

in such proportion as the Government of Madras may consider desirable.

With regard, however, to the new barracks at Poonamallee, the attention of the Government of Madras is drawn to the circumstance that since the estimates were sanctioned the establishment of married men for British regiments in India has been largely reduced, and a report is requested whether so many as 30 families will now need to be provided for, and whether this head of the estimate may not therefore be reduced.

5. The Government of India are not prepared to sanction stables at Bellary, St. Thomas' Mount, and Bangalore, while so many works remain to be undertaken in different parts of the country of greater necessity. The necessity for the remaining items which have been disallowed should be explained.

6. *Item No.* 19.—The Government of India decline to sanction any more expenditure on the Lawrence Asylum, Ootacamund, and the Boys' Hospital should be omitted in the final issue of the budget estimate for 1883-84 from the list of class C. Works.

7. Notwithstanding that strict injunctions were issued in the orders on the budget estimate of the current year, to the effect that outlay should on no account be incurred without duly sanctioned estimates, it is observed that outlay is either being, or is proposed to be, incurred on the following items in the current year for which estimates were not even received when this budget estimate was submitted:—

	Probable Outlay. Rs.
Stables for a field battery at Bellary	21,500
Gymnasium for Europeans in Fort St. George	2,500
New wash-houses for married men's quarters, Wellington ...	3,120
Housing for half a company of Queen's Own Sappers and Miners at Ootacamund	10,000

No further expenditure should be incurred on the stables at Bellary, and that on the remaining three items must be deferred until the detailed estimates have been sanctioned.

8. With these remarks the budget and revised estimates are passed, on the understanding that outlay must on no account be incurred without the strictest adherence to the rules in force in regard to the financial regularity of departmental work.

Order—

Ordered, that this Resolution be communicated to the Government of Madras for information and guidance, with the request that 30 printed copies of the budget estimate, *as now passed*, may be submitted, so as to reach the Government of India on the 1st May 1883.

Ordered also, that a copy of the Resolution be forwarded to the Public Works Department for information.

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

From Lieutenant-Colonel R. C. STEWART, Officiating Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 13th April 1883, No. 85.

His Excellency the Commander-in-Chief has perused the Resolution of the Government of India, Military Department, No. 232 M.W., dated 12th March 1883, which accompanied your memorandum, No. 683 C., 24th March 1883 and with reference to your remarks therein, I am desired to reply as follows:—

I. Construction of Stables at Bellary, Bangalore, and St. Thomas' Mount, Rs. 48,000.—His Excellency has repeatedly impressed on Government the necessity of stabling for batteries of Royal Artillery within this Presidency. So strong is Sir Frederick Roberts' opinion on this subject that, though in deference to the wish of the Government of India, he relinquishes for the present the question of stabling on the Mysore plateau, he would wish to urge once more the absolute necessity for some sort of shelter for battery horses (all of which are Walers) at stations like Bellary, Kamptee, and St. Thomas' Mount.

Sir Frederick Roberts does not advocate an expensive style of building, such as that recommended by the Committee which sat at Bangalore in July 1882, but considers that sufficient shelter to protect horses from extremes of heat and rain should and could be provided for not more than Rs. 70 or 80 per stall.

As there has already been upwards of Rs. 4,000 expended in the collection of materials for stabling at Bellary, His Excellency hopes Government will urge the completion of this work this year on the Government of India. If His Excellency's hopes are fulfilled, as regards estimate, this work should not, including flooring, drains, &c., cost more than Rs. 10,000.

II. Covered Gymnasium in Fort St George, Rs. 5,000.—This work was first proposed in 1876, and it seems now desirable to press its urgency on the Government of India.

III. New wash-houses at Wellington, Rs. 3,120.—His Excellency is of opinion that this work may be abandoned.

IV. Housing of half a company of Sappers at Ootacamund, Rs. 7,500.—Has been transferred to Provincial Funds.

V. Buildings for a Light Cavalry Regiment at Bangalore, Rs. 15,000.—It has been decided to maintain permanently a regiment of Light Cavalry at Bangalore, and it therefore becomes necessary to provide accommodation for it.

VI. Latrines for Sappers at Bangalore, Rs. 3,800.—Is an important work. It has been suggested by His Excellency that the original plan be modified, and with this it is hoped the estimate will be reduced.

VII. Bakery, Cannanore, Rs. 5,000.—This work it is very desirable to push on.

2. The above remarks have reference to the several buildings referred to in your memorandum above quoted.

3. Turning to the Resolution of the Government of India, No. 232 M.W., 12th March 1883, last clause of paragraph 4, which has reference to reducing the number of married quarters at Poonamallee, it has been ascertained that 19 married quarters will in future suffice, and of these, 15 have already been completed. It will probably take Rs. 10,000 to complete the remaining four, and there will therefore be Rs. 10,000 available from this year's grant.

4. Sir Frederick Roberts is exceedingly doubtful of the policy of retaining Poonamalle as a depôt for convalescents, but the case will be gone into carefully, and pending which His Excellency would desire all work to be stopped except the completion of the married quarters above referred to.

5. Of the works which have been disallowed in paragraph 4 of the above Resolution, His Excellency would wish the Government to urge on the Government of India the following :—

	Rs.
Stabling at Bellary, Rs. 20,000, which may be reduced to	10,000
Gymnasium, Fort St. George	5,000
Public buildings, Light Cavalry, Bangalore	15,000
Latrines for Sappers at Bangalore	3,800
Bakery at Cannanore	5,000
	38,800

and His Excellency is prepared to admit the disallowance of :—

Wash-houses at Wellington	2,880
Stabling at Bangalore and St. Thomas' Mount	28,000
Which together with	7,500
for housing Sappers, which has been transferred to Provincial Funds, leaves a total of	38,380

which, in accordance with paragraph 4 of the Resolution referred to, are directed by the Government of India to be made available for the following works—

I.—Barracks to European Troops, Poonamallee,
II.—New Barracks, Royal Artillery, St. Thomas' Mount,
III.—Barracks, Detachment, Malapuram,

in such proportion as the Government of Madras may desire; but Sir Frederick Roberts would wish to append below a list of works, the construction of which in his opinion it is more desirable to proceed with than those above referred to, and they have been entered consecutively in accordance with their relative importance :—

I.—Church at Wellington.
II.—Coast Defences.
III.—Bakery, Wellington.
IV.—Completion St. Thomas' Mount Barracks.

To meet the expenditure on these works, there appears to be the sum as stated above, being amount disallowed on account of—

	Rs.
Wash-houses, Wellington, stabling at Bangalore and St. Thomas' Mount, &c.	38,380
To which add saving on design of Bellary stables	10,000
Saving on this year's grant, Poonamallee	10,000
Total ...	58,380

Telegram from the Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 14th April 1883.

Fifty thousand rupees is utmost probable outlay on Malapuram barracks this year.

From the Superintending Engineer, Fourth Circle, dated 14th April 1883, No. 157.

Telegram from the Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated 16th April 1883.

Executive Engineers can expend on barracks, Poonamallee, forty thousand; Barracks, Mount, fifty thousand; Powder Factory, forty thousand; all including budget grants.

ORDER—dated 20th April 1883, No. 1183 W., Public Works.

In the Resolution above recorded, the Government of India have withdrawn from the Provisional grant sanctioned for Military Works a sum of Rs. 18,700, thus reducing the total grant from Rs. 6,20,000 to Rs. 6,01,300.

2. As regards the re-appropriations of funds indicated in paragraph 4 of the Resolution, His Excellency the Governor in Council desires to invite the attention of the Government of India to the recommendations of His Excellency the Commander-in-Chief in the letter recorded with these Proceedings, the details of which are fully concurred in by the Madras Government. The Final Issue of the Budget Estimate has been prepared accordingly, and it is hoped that it may be approved by the Government of India at an early date.

3. Pending such approval, however, none of the works disallowed in paragraph 4 should be proceeded with, and no expenditure should be incurred on works unprovided with duly sanctioned estimates.

4. The estimates for stabling for battery horses will be forwarded to the Government of India when ready, and the views of His Excellency the Commander-in-Chief on this important question will then be brought forward.

5. The attention of the Superintending Engineer, Fifth Circle, is called to the remarks of His Excellency the Commander-in-Chief in regard to the estimate for the Poonamallee barracks, which should be revised so as to provide for requirements as now existing.

6. The special attention of Superintending Engineers is called to the necessity for the early preparation of plans and estimates for Military Works. Should any

portion of the available very limited grants lapse through dilatoriness in this particular, the Government will be constrained to mark their disapproval of the conduct of the officers responsible.

7. With these remarks, the Final Issue of the Budget will be circulated to the department, and the usual number of copies forwarded to the Government of India with a copy of these Proceedings.

(Here enter No. 1184 W., dated 20th April 1883.)

(True Extract.)

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

To Superintending Engineers.
" the Examiner, Public Works Accounts.
" the Military Department.
" the Financial "
" the Accountant-General, Madras.

ENDORSEMENT—dated 20th April 1883, No. 1184 W., Public Works.

Copy of the above forwarded to the Government of India.

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

Exd. A. Aubert.
Spare Copies

2213/8

GENERAL.
ACCOUNT.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated April, 20th.

Recd. *Encl.*

G.O., 20th April 1883, No. 1184 W.

APRIL.

Madras Military Works Budget, 1883-84

FORWARDING copy of orders circulating the Final Issue of the —.

2213/9

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

From Colonel G. CHESNEY, Secretary to the Government of India, Military Department, to the Secretary to the Government of Fort St. George, Public Works Department, dated Simla, 14th June 1883, No. 542 M.W.

I am directed to acknowledge the receipt of your endorsement, No. 1184 W., dated 20th April 1883, forwarding copies of the final issue of the Budget Estimate for Military Works in the Madras Presidency for the year 1883-84, with copies of the orders of the Governor in Council and connected papers.

2. The Government of India have carefully considered the views of Sir Frederick Roberts, contained in the Quartermaster-General's letter, No. 85, dated 13th April 1883, and they are willing to accept generally his recommendations. But it is essential to the economical administration of the limited funds available for Military Works that no departure be permitted from the rules of the Public Works Department with respect to sanctioned estimates. If works are commenced before estimates are prepared, the Government of India may be committed without their knowledge or consent to an expenditure disproportionate to the need; while if allotments are made in anticipation of the estimate being sanctioned, this tends to promote the preparation of hasty and ill-considered estimates. The allotments proposed for the works entered in the final issue of the Budget Estimate for the works enumerated in the margin, and for which no estimates have yet been sanctioned, are therefore withdrawn and placed to the reserve with the Government of India. But if the estimates are sanctioned at an early date, the Government of India will be prepared to consider applications for the re-allotment of funds from their reserve.

	Rs.
Class A—	
Item No. 4.—Stables for one Field Battery, Bellary	10,000
Item No. 5.—Gymnasium, Fort St. George ..	5,000
Class B—	
Item No. 2.—Public Buildings for Cavalry Regiment, Bangalore	15,000
Item No. 3.—Latrines for Sappers and Miners	3,800
Item No. 5.—Coast Defences, Fort St. George.	20,000
Item No. 6.—Bakery, Cannanore	5,000
Item No. 7.—Bakery, Wellington	8,000
Total ..	66,800

3. With reference, however, to the provision of stables both at Bellary and elsewhere, I am directed to state that the Government of India is averse to sanctioning the construction of stables until they are satisfied that the want is to be met in the most economical manner consistent with efficiency. I am therefore to request that the design and estimate for the Bellary stables when ready may be forwarded for the consideration of the Government of India with the application for funds for the work, and that meanwhile no expenditure on them may be allowed.

4. I am also to request some further explanation regarding the "public buildings" for the cavalry regiment at Bangalore, as no entry of this kind has a place in the lists of authorised accommodation for the various arms of the service.

5. I am to say that it is not understood why the Sappers and Miners should not able to construct their own latrines without coming to the Public Works Depart- nt for help.

6. It is observed that, notwithstanding the instructions conveyed in paragraph 6 of the Orders of the Government of India on the Preliminary Budget Estimate, the Boys' Hospital for the Lawrence Asylum at Ootacamund has been entered in Appendix B of the final issue of the Budget. I am to say that the Government of India are not prepared to sanction any further expenditure on the Asylum buildings.

7. I am to add that, judged by the tests of estimates, it would appear that the grants to Madras, limited although they may be, appear to be beyond the capacity of the local Public Works Department to spend. The first condition for making a grant of funds is that approved designs and estimates shall be ready for the work for which the grant is required. In this most important respect the procedure of the Public Works Department, Madras, so far as regards military buildings, leaves a great deal to be desired.

Copy of the above forwarded to the Public Works Department for information.

From Colonel G. CHESNEY, Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 20th June 1883, No. 561 M.W.

I am directed to acknowledge the receipt of your letter, No. 1418 W., dated 14th May 1883, relative to the provision of a hospital for the boys of the Lawrence Asylum at Ootacamund, and in reply to say, in continuation of what was said in paragraph 6 of Military Department letter, No. 542 M.W., dated 14th June 1883, that the Government of India are not prepared to sanction any further expenditure at present on the Asylum buildings.

ORDER—dated 13th July 1883, No. 1964 W., Public Works.

In the orders of the Government of India above recorded a sum of Rs. 66,800 has been withdrawn from the grant for Major Works, Military, the specific appropriations making up this amount being detailed in paragraph 2 of their letter, No. 542 M. W., dated 14th June 1883. The withdrawal of these allotments is tentative, pending sanction to the estimates for the works in question. Orders * have already issued prohibiting expenditure on works "unprovided with duly sanctioned estimates," and the attention of Superintending Engineers is again called to the necessity of losing no time in submitting for sanction estimates for all works brought forward for execution in the Military Works Budget of the current year.

* G.O., No. 1183 W., dated 20th April 1883.

Class A.—As regards *Item* 4, *Stables for one Field Battery, Bellary*, it is observed that the plans and estimates were laid before the Government of India with letter from this Government, No. 1263 W., dated 30th April 1883, and that orders for proceeding with the work are now awaited.

Item No. 5, *Gymnasium, Fort St. George.*—There should apparently be no difficulty in utilizing the allotment for this work when the estimates have been duly sanctioned.

Class B.—Item No. 2, *Public Buildings for Cavalry Regiment, Bangalore.*—The arrangements regarding this are understood to be in train. It is remarked that until the requisite preliminaries are settled, the estimates cannot well be framed. The Government of India will be further addressed on the subject when the estimates are ready.

Item No. 3, *Latrines for Sappers and Miners, Bangalore.*—The observations of the Government of India in regard to this item will be considered in the Military Department.

Item No. 5, *Coast Defences, Fort St. George.*—The estimate for this work was sanctioned in G.O., No. 1661 W., dated 13th June 1883, copy of which will now be forwarded to the Government of India with a request that the Budget grant of Rs. 20,000 may be re-allotted.

Items Nos. 6 *and* 7, *Bakeries at Cannanore and Wellington.*—The Inspector-General of Military Works has, it is understood, been referred to by the Chief Engineer in regard to standard or approved designs for works of this character, in view to their adoption in this Presidency if found suitable. Meanwhile estimates are being framed on available data.

It is much regretted that, notwithstanding the urgent representation made to the Government of India in reference to the need of hospital accommodation at the Boys' School, Lawrence Asylum, the entry of the work has now been peremptorily expunged from the Budget.

In reference to paragraph 7 of the earlier letter of the Government of India recorded above, His Excellency the Governor in Council is not prepared to judge, by the test of the estimates now under special notice, the capacity of the Local Public Works Department to spend the limited grants for Military Works. Much larger grants could be very profitably utilized if sanctioned works only, of which there are a great number uncommenced, were brought forward for execution by the Military authorities. But urgent demands are constantly arising, and priority is conceded to these while the Budget lists are under consideration. The consequence is that the budget, as presented to the Government of India, contains works which have still to be estimated for in detail.

(Here enter No. 1965 W., dated 13th July 1883.)

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial do.
" Accountant-General, Madras.

ENDORSEMENT—dated 13th July 1883, No. 1965 W., Public Works.

Copy of the above forwarded to the Government of India.

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

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated July, 13th.

Recd. *Encl.*

G.O., 13th July 1883, No. 1965 W.

JULY.

Final Issue of the Military Works Budget Estimate for 1883-84

FORWARDING orders on letter from the Government of India reviewing the —.

FINAL ISSUE.

2283
17

IMPERIAL.
MILITARY WORKS. **MADRAS.**

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1883-84.

CHEPAUK,
20th April 1883.

(Signed) R. H. SANKEY, Colonel, R. E.,
Secretary to Government, P.W.D.

IMPERIAL.
MILITARY WORKS.

MADRAS.

2283/12

CONTENTS.

	PAGE
Abstract of the Budget-Estimate of Revenue	2
Ditto ditto of Expenditure	2, 3
Details of the Budget-Estimate of Expenditure—	
Part I.—Detail of Estimate for Original Works, Class A	4—7
Ditto ditto Class B	8, 9
Appendix to above—	
Appendix B.—List of Class C Works	10—13

IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1883 TO 31st MARCH 1884.

	Budget Estimate, 1883-84.	Regular Estimate, 1882-83.	Budget Estimate, 1882-83.	Actuals, 1881-82.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	30,000	30,000	30,000	46,836
In Civil and Military Departments	...	...	...	...
Total ...	30,000	30,000	30,000	46,836

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1883 TO 31st MARCH 1884.

	Reference to Detailed Estimate.	Budget Estimate, 1883-84.	Regular Estimate, 1882-83. *	Budget Estimate, 1882-83.	Actuals, 1881-82.
	Page.	Rs.	Rs.	Rs.	Rs.
Original Works. In progress ...	4—7	1,15,000	2,72,101	60,361	1,15,574
Original Works. Not commenced.	8, 9	91,787		1,57,163	
Repairs ... Ordinary ...	...	2,75,000	2,93,710	2,75,000	2,69,097
Repairs ... Special ...	...	...	...	...	...
Establishment	...	1,12,288	1,16,678	1,15,126	96,161
Tools and Plant	...	7,225	7,511	12,350	9,603
Suspense Account	...	...	...	...	...
Total ...	...	6,01,300	6,90,000	6,20,000	4,90,435

NOTE.—The difference between the Budget and Regular Estimate for 1882-83 under Original Works is due chiefly to the supplemental grant sanctioned by the Government of India for the purchase of the building in Fort St. George known as "The Exchange House."

* The distribution corresponds with the entries in the Examiner's books.

IMPERIAL.
MILITARY WORKS.

MADRAS.

2213/83

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

	Budget-Estimate, 1883-84. Original Works. In progress.	Not commenced.	Total.	Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.	Regular Estimate, 1882-83.	Budget Estimate, 1882-83.	Actuals, 1881-82.
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	1,15,000	91,787	2,06,787	2,75,000	1,12,288	7,225	...	..	6,01,300	6,90,000	6,20,000	4,90,435
In England.	...	...	...	...	...	...	...	..	...	...	...	...
Total ...	1,15,000	91,787	2,06,787	2,75,000	1,12,288	7,225	...	..	6,01,300	6,90,000	6,20,000	4,90,435
Provision from Contributions. In India ...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total.	1,15,000	91,787	2,06,787	2,75,000	1,12,288	7,225	...	..	6,01,300	6,90,000	6,20,000	4,90,435

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

	Budget-Estimate, 1883-84. Original Works. In progress.	Not commenced.	Total.	Tools and Plant.	Suspense Account.	Total.	Regular Estimate, 1882-83.	Budget Estimate, 1882-83.	Actuals, 1881-82.
	Nil.								

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR CLASS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1881-82.	Outlay. Probable during 1882-83.
					Rs.	Rs.	Rs.
				IMPERIAL ORDINARY.			
				MILITARY.			
				Original Works.			
(1) *Accommodation for troops*—Buildings for European troops in the plains. Permanent.				Barracks for European troops at Poonamallee.	2,70,506	22,104	28,835
	Chingleput.	Poonamallee.	1	New double-storied barracks for 200 men with out-houses.	1,66,885		
				New quarters for thirty families with out-houses,	82,300		
				Do. for Apothecary	7,150		
				Alterations to existing buildings and demolitions.	18,476		
					2,74,811	22,104	28,835
				Deduct value of old materials.	4,305		
					2,70,506		
	Do.	St. Thomas' Mount.	2	New barracks for Royal Artillery.	1,27,750	17,672	21,834
	Coimbatore	Malapuram.	3	Barracks for detachment British Infantry to accommodate 100 men.	90,830	...	21,568
	Bellary ...	Bellary ...	4	Constructing stables for one Field Battery.	...	...	21,500
	Presidency.	Fort St. George.	5	A covered gymnasium to be erected in the Ball Alley of the European Regiment.	...	...	2,500
(2) *Ordnance Works.*	Presidency.	Madras ...	6	Improvements to the Gunpowder Factory.	2,24,105	1,83,879	20,000
				Composition Mills, one group, viz. :—			
				1 Charcoal pulverizing room.			
				1 Sulphur do. ...	24,800	...	...
				1 House for 8 Horse-power engine with tin boilers.			
				1 Tank			
				Carried over ...	...	...	...

MADRAS.

2213
14

I.

ORIGINAL WORKS FOR THE YEAR 1883-84.

A WORKS.

Grant, 1883-84. Normal. Works in progress.	Normal. Works not commenced.	Normal. Total.	Special. Works in progress.	Special. Works not commenced.	Special. Total.	Total. Works in progress.	Total. Works not commenced.	Total. Total.	Item No.	Remarks and References.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	...	...	...	...	...		
...	...	...	10,000	...	10,000	10,000	...	10,000	1	Sanctioned by the Government of India, Register No. 38 M.W. of 1878-79. G.O., No. 465 W., of 19th Feb. 1879. Item No. 1 of Class A Works of Budget of 1882-85.
...	...	...	30,000	...	30,000	30,000	...	30,000	2	G.O., No. 1894 W., of 25th July 1882. Item No. 2 of Class A Works of Budget of 1882-83.
...	...	...	40,000	...	40,000	40,000	...	40,000	3	G.O., No. 1840 W., of 18th July 1882. Item No. 3 of Class A Works of Budget of 1882-83.
...	...	...	10,000	...	10,000	10,000	...	10,000	4	Estimate awaited. Item No. 6 of Class A Works of Budget of 1882-83.
...	...	...	5,000	...	5,000	5,000	...	5,000	5	Estimate awaited. Item No. 7 of Class A Works of Budget of 1882-83.
...	...	...	20,000	...	20,000	20,000	...	20,000	6	Estimate of Rs. 2,24,105 sanctioned in G.Os., No. 2740, of 31st October 1879, No. 428 W. of 17th February 1881, No. 2489 W. of 10th October 1881, No. 2813 W. of 12th June 1881, No. 425 W. of 10th February 1882, No. 1999 W. of 5th June 1882, and No. 3274 W. of 12th December 1882. Further estimates awaited. Item No. 16, Class A Works of Budget of 1882-83.
...	...	...	...	...	...	...	...	...		
...	...	...	1,15,000	...	1,15,000	1,15,000	...	1,15,000		

IMPERIAL.
MILITARY WORKS.

MADRAS.

22/3/15

PART I—*cont.*

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1883-84—*cont.*

CLASS A WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1881-82.	Outlay. Probable during 1882-83.	Grant, 1883-84. Normal. Works in progress.	Normal. Works not commenced.	Normal. Total.	Special. Works in progress.	Special. Works not commenced.	Special. Total.	Total. Works in progress.	Total. Works not commenced.	Total. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...	...	...	...	...	...	1,15,000	...	1,15,000	1,15,000	...	1,15,000		
				IMPERIAL ORDINARY —*cont.*														
				MILITARY—*cont.*														
(2) *Ordnance Works*—cont.				*Original Works*—cont.														
				Improvements to the Gunpowder Factory—*cont.*														
				Glazing and dusting houses, one group, viz. :— 1 Glazing-house ... ... 1 Dusting do. ... ... 1 House for 12 Horse-power engine and tin boilers. 1 Watch-house ... ... 1 Deposit Magazine ... 1 Tank ... ... Complete with traverses, tramways, roads, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	
				Incorporating Mills, one group, No. 3, viz. :— 6 Mill-rooms ... ... 1 House for 25 Horse-power engine with tin boilers. 1 Green Charge Deposit Magazine. 2 Watch-houses ... ... 1 Tank ... . Complete with tramways and roads.	...	...	...	...	...	...	...	...	...	...	...	...	...	
				1 Master Worker's house ...	...	...	...	...	...	...	...	...	...	...	...	...		
				1 Master Refiner's do. ...														
				1 Drying-house	...	...	...	...	...	...	...	...	...	...	...	...		
				Pebble-cutting house ... 1 Granulating-house to be converted into a pebble-cutting machine-house.	...	...	...	...	...	...	...	...	...	...	...	...		
				New additional compound walls. 2 Bridges	...	...	...	...	...	...	...	...	...	...	...	...		
				Total ...	...	...	...	...	...	...	1,15,000	...	1,15,000	1,15,000	...	1,15,000		

IMPERIAL.
MILITARY WORKS.

MADRAS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.	
						Actual to end of 1881-82.	Probable during 1882-83.
					Rs.	Rs.	Rs.
				IMPERIAL ORDINARY.			
				Military.			
				Original Works.			
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore.	1	Alterations and additions to wash-houses for the British Infantry.	12,500	...	...
	Do.	Do.	2	Public buildings for Cavalry Regiment.	...	...	...
Buildings for Native troops.	Do.	Bangalore.	3	Constructing two latrines for the Queen's Own Sappers and Miners.	...	...	...
(2) *Ordnance works*	Presidency.	Fort St. George.	4	Mounting Ordnance	...	...	...
	Do.	Do.	5	Coast Defences	...	...	...
(3) *Commissariat buildings.*	Coimbatore.	Cannanore.	6	Constructing a bakery	...	...	...
	Nilgiri ...	Wellington	7	Bakery at the Depôt ...	...	...	...
			8	Minor Works	...	...	...
				Total ...	...	...	...

22/13
14

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1883-84.

B WORKS.

Grant, 1883-84.									Item No.	Remarks and References.
Normal.			Special.			Total.				
Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	8,000	8,000	...	8,000	8,000	1	G.O., No. 1102 W., of 7th May 1880. Item No. 8, Class C Works of Budget of 1882-83.
...	...	...	...	15,000	15,000	...	15,000	15,000	2	Estimate under consideration.
...	...	...	...	3,800	3,800	...	3,800	3,800	3	Estimate awaited.
...	...	...	...	10,000	10,000	...	10,000	10,000	4	Estimate awaited.
...	...	...	...	20,000	20,000	...	20,000	20,000	5	Do.
...	...	...	...	5,000	5,000	...	5,000	5,000	6	Do.
...	21,987	21,987	...	8,000	8,000	...	8,000	8,000	7	Do.
				...	...	...	21,987	21,987	8	...
...	22,907	22,907	...	69,800	69,800	...	91,787	91,787		

IMPERIAL.
MILITARY WORKS.

MADRAS.

2213
12

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1883-84, BUT

B.

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

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1881-82.	Outlay. Probable during 1882-83.	Grant, 1883-84. Normal. Works in progress.	Normal. Works not commenced.	Normal. Total.	Special. Works in progress.	Special. Works not commenced.	Special. Total.	Total. Works in progress.	Total. Works not commenced.	Total. Total.	Item No.	Remarks and References.
				IMPERIAL ORDINARY.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				MILITARY.														
				Original Works.														
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Chinglepput.	St. Thomas' Mount.	1	Plunge-bath for Royal Artillery.	...	...	...	...	...	...	...	...	...	...	...	...	1	Estimate awaited.
	Do.	Do.	2	Coffee shops, three in number, one for each, North, South, and the New Artillery Barracks.	...	...	...	...	...	...	...	...	...	...	...	...	2	Do.
	Coimbatore.	Malapuram.	3	Canteen for Detachment, British Infantry.	...	...	...	...	...	...	...	...	...	...	...	...	3	Do.
	Do.	Cannanore.	5	Plunge-bath for do.	4,690	...	...	...	...	...	...	...	...	...	...	...	4	Do.
	Do.	Do.	6	Improving latrines of the British Infantry.	2,780	7	...	...	...	...	...	...	...	...	...	...	5	G.O., No. 418, of 10th February 1876.
	Do.	Do.	7	Boarded floor to the Hospital of do.	5,570	...	...	...	...	...	...	...	...	...	...	...	6	G.O., No. 1056, of 4th April 1879.
	Bellary ...	Bellary ...	8	Infectious Ward of Station Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	7	G.O., No. 3335 W., of 16th December 1882.
	Do.	Do.	9	New gun shed with collar-maker's and wheeler shop combined for the Royal Artillery.	...	...	...	...	...	...	...	...	...	...	...	...	8	Estimate awaited.
	Presidency.	Bangalore.	10	Garrison Gymnasium of the Fourth Class.	44,600	1,788	...	...	...	...	...	...	...	...	...	...	9	Do.
	Do.	Do.	11	Quarters for School Master and School Mistress of the British Infantry.	6,120	...	...	...	...	...	...	...	...	...	...	...	10	G.O., No. 1560, of 21st June 1876.
	Do.	Do.	12	Converting some of the married quarters for three Staff Sergeants quarters.	2,930	...	...	...	...	...	...	...	...	...	...	...	11	G.O., No. 3066 W., of 2nd December 1879.
	Do.	Do.	13	Quarters for the Apothecary, North Station Hospital, including stables, godown, &c.	...	...	...	...	...	...	...	...	...	...	...	...	12	Do. do.
	Do.	Do.	14	Quarters for an Assistant Apothecary, North Station Hospital.	...	...	...	...	...	...	...	...	...	...	...	...	13	Estimate awaited.
	Nilgiri ...	Wellington.	15	Drainage pipe for the remaining block, the same as No. 5 block.	...	...	...	...	...	...	...	...	...	...	...	...	14	Do.
	Do.	Do.	16	New flooring to latrines of barracks and family quarters.	...	...	...	...	...	...	...	...	...	...	...	...	15	Do.
	Do.	Do.	17	Bath-room to wash-houses	3,120	...	...	...	...	...	...	...	...	...	...	...	16	Do.
Buildings for European troops in the hills. Permanent.	Do.	Do.	18	Constructing a Female Hospital at the Wellington Depôt.	...	...	...	...	...	...	...	...	...	...	...	...	17	G.O., No. 1472 W., of 4th June 1874.
																	18	Estimate awaited.
				Carried over ...	...	...	...	...	...	...	...	...	...	...	...	...		

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1883-84 FROM CLASS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.	
						Actual to end of 1881-82.	Probable during 1882-83.
					Rs.	Rs.	Rs.
				Brought forward ...			
				IMPERIAL ORDINARY—*cont.*			
				MILITARY—*cont.*			
				Original Works—cont.			
(1) *Accommodation for troops*—Buildings for European troops on the hills. Permanent ...	Nilgiri ...	Ootacamund.	19	Boys' hospital at the Lawrence Asylum.	31,538	...	...
Buildings for Native troops.	Presidency	Bangalore.	20	Addition to Regimental School, Sappers and Miners.	2,500	...	...
	Do.	Do.	21	Additional married quarters for European Non-Commissioned Officers, Queen's Own Sappers and Miners.	5,240	...	...
	Trichinopoly.	Trichinopoly.	22	Public buildings for Native Infantry Regiment.	..	...	...
	Chingleput.	Pallávaram.	23	One mortuary room for each of the four hospitals, Nos. 1 to 4.	...	...	...
	Do.	Do.	24	New line for one Native Infantry Regiment.	...	...	...
	Ganjam ...	Berhampore.	25	Armourer's shop	...	...	...
	Trichinopoly.	Trichinopoly.	26	Family quarters enlarged for the 30th Regiment Native Infantry.	...	...	...
	Do.	Do.	27	Four latrines for do. do. ...	...	...	...
(2) *Ordnance works*	Presidency.	Madras ...	28	Improvements to the barrel machine shop at the Gun Carriage Factory.	4,030	...	...
	Do.	Bangalore.	29	Ordnance buildings	...	...	...
	Bellary ...	Bellary ...	30	Repairing Fort	...	...	...
(3) *Commissariat buildings.*	Do.	Do.	31	Double Slaughter-house ...	7,210	...	...
	Presidency.	Madras ...	32	Sheds for the public cattle and lines for their attendants.	...	...	...
	Coimbatore.	Malapuram.	33	Quarters for a Commissariat Staff Sergeant.	...	...	...
	Presidency.	Madras ...	34	New slaughter-house	...	...	...
	Do.	Do.	35	Quarters for station butcher ...	...	...	...
	Do.	Do.	36	Quarters for the Warrant and Non-Commissioned Officers.	...	...	...
(7) *General Cantonment works.*	Nilgiri ...	Wellington.	37	Water-supply improvements ...	...	...	...

MADRAS.

2213/78

B—*cont.*

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

B WORKS—*cont.*

Grant, 1883-84.									Item No.	Remarks and References.
Normal.			Special.			Total.				
Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	...	...	...	...	...	19	G.O., No. 3181 W., of 12th December 1882.
...	...	...	...	...	...	...	...	...	20	G.O., No. 2155 W., of 31st August 1881.
...	...	...	...	...	...	...	...	...	21	G.O., No. 1518 W., of 17th June 1881.
...	...	...	...	...	...	...	...	...	22	Estimate awaited.
...	...	...	...	...	...	...	...	...	23	Do.
...	...	...	...	...	...	...	...	...	24	Do.
...	...	...	...	...	...	...	...	...	25	Do.
...	...	...	...	...	...	...	...	...	26	Do.
...	...	...	...	...	...	...	...	...	27	Do.
...	...	...	...	...	...	...	...	...	28	G.O., No. 2413 W., of 16th September 1882.
...	...	...	...	...	...	...	...	...	29	Estimate awaited.
...	...	...	...	...	...	...	...	...	30	Do.
...	...	...	...	...	...	...	...	...	31	G.O., No. 136 W., dated 13th January 1883.
...	...	...	...	...	...	...	...	...	32	Do.
...	...	...	...	...	...	...	...	...	33	Do.
...	...	...	...	...	...	...	...	...	34	Do.
...	...	...	...	...	...	...	...	...	35	Do.
...	...	...	...	...	...	...	...	...	36	Do.
...	...	...	...	...	...	...	...	...	37	Do.

L. 200.

2/19

The matter is entered as Item 6 under 6th Sep 83 in the third issue of the current year's Riley Kendgeh There does not appear to be any correspondence on the subject except that contained in G.O. No. 1183/1184 W of J 20th April 1883 — L.B.

29/6/83

No. 262

Report to accompany the plan and estimates for converting the old artillery stable at Cannanore into a Bakery, and for sinking a well.

(1) Bakery Rs 6,360
(2) Well Rs 1,300
Total Rs. 7660

At present there is no Bakery at Cannanore, and it is proposed to convert the old artillery stable at that station into a Bakery. This arrangement has been approved of by his Excellency the Commander-in-chief.

Enclosures 6
2 Plans
1 Det. estimate
2 Abst. Do
1 specification.

2. The ground plan and section of the oven are in accordance with the Standard design which accompanied P.W. Depart. Circular No. 117 of 1867.

3 A well is also required for the supply of the Bakery with water, and one has been estimated for to be constructed in the compound of the same building; with water cistern Vide as per enclosed plan.

4

4 Steam machinery has not been provided for in the estimate, as the Commissary General states that it is considered more economical to have wheat ground and prepared by hand labor where there is a small number of troops.

5 If early sanction be accorded to the estimate, the grant of Rs: 5,000 allotted in the current year's Budget will be fully utilized on the work.

F. Beatty. Coll R.E.
Superintending Engineer
1st Circle

Comp. ooty
26th June 53

223/24

a rec 1st inst 20. 4 83
1272 C 5. 7. 83
a cir 1965 m 13. 7. 83

Jas Dias
6th July 83

July: 1883 Depts
No. 5900
Dated 30th June 83

From No. 11
The Supt. Engineer,
Fourth Circle.

From
The P. W. Dt.
1272 C.

D/s 5th July
R/9

E. 10 (2 plans)

Dated 26th
Rec'd 28th } June 1883.

12/9/83

No. 262

Enc: 6

Cannanore Battery:—

Report to accompany Plan & estimate for converting the old Artillery stable at Cannanore into a Battery and for sinking a well.

Endorsed

No 1272 C

Submitted for the approval of Government in the Military Department.

(By order)

C. Owen Major R.E.
Bd. Engr. Recd.

No. 3823

Approved.

(By Order)

L. Hawkins Colonel
Secy. to Government
Coln. Command
9th July 1883

To

The Public Works Dept.
with papers.

col: 24/7 Bd. 19/8 Cir 26/7 Dft

This must be sanctd at once. I cant quite follow the scantlings as detailed, but they seem sufficient. Estimates ought not to be submitted with the plans tied to them as this is. It must inconvenient looking over them. I suppose there is no order about it but may pass this time.

I have read the "Estate in charge" call out & forward with enquiry. This seems to be checked but I suppose the practice to be

CJ
4/7.

Public Works Department, 1883-84.

2/213-14
2v

Current No. 5471
Letter No. 262
Dated the 26th June/83
From the Supg. Engr. 4th Circle

Note of Remarks.

1. The accompanying estimate and plans provide for the conversion of the old artillery stable at Cannanore into a battery at a cost of Rs. 6360; and the sinking of a well at Rs 1300. Total amount Rs 7660.
2. The scantlings of timbers are slightly below those allowed in the standard specification.
3. The standard design of new sanctioned in Bd's No. 117 of 1867, has been adopted.
4. Plans and estimates have been countersigned by the Offg. Qr. Mr. General.

3rd July/83
BJH

213/28

1883.

P.W.Department.

Current No. 5471.

From The L.E. IV^th Circle

No. 262

Dated 26-6-83

Received 29-6-83

Subject.

Carnamore Bakery

Report to accompany Plan & Estimate for converting the Old Artillery Stable at Carnamore into a Bakery & for Retaining a portion of the Wall

Disposal.

No. 1272 C Dated 5th July/83.

Submitted for the approval of Govt as the Duty Depth.

(B.O.)

Copy to

D.Z.E.

Do do

Entd. in Receipt Regr 1070/7

G.O. 1186 W dt 20-4-83

C. No. 6025 2/23/24

P. W. Secretariat.

Note by Budget Section.

Work

Converting the old Artillery Stable at Cannanore into a Barrack and for erecting a well -

Remarks and References.

Fund Imperial

Service Head Military ... ...

Departmental Head Imperial Works

Amount of Estimate ... ... Rs. 4,000

Expenditure in previous year ... ... „ "

Allotment in current year ... ... „ "

Balance required to complete ... ... „ 4,000

Total Rs. [illegible]

Note of available funds.

In the Imperial Military budget for 1883-84. Item No 6 (Class B.) Rupees 5000 were provided for Construction of Barracks at Cannanore, but this sum has been withdrawn by the G. O. I. in their No 522 M.W dt 14th June 1883. but they have promised that if the estimate is sanctioned at an early date, they will be prepared to consider an application for a reallotment of funds -

Budget Clerk
12/7

Note by Budget Section.

2/25/1

No 2213 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 10th Aug/83

READ the following

From the Supg: Engr
Fourth Circle — M E No. 262 d/ 26th June/83

Endorsement by the
Military Depart — M E. No. 3823 d/ 9th July/83

The estimate amounting to Rs. 7,660 for converting the old Artillery stables at Cannanore into a Battery and for sinking a well is sanctioned.

2. This sanction has been registered as Imperial Ordinary No. 24 W of 1883-84 and classified as Military Original Works.

3 Ordered that a copy of these Proceedings be forwarded to the Govt of India in continuation

2213/26

~~The Hon. M.C. Sutherland~~
~~M.C. the Civil~~

of G.O. No. 1965 W
dated 13th July 1883, with
a request that the sum
of Rs. 5,000 with which
by that Government
be allotted for the
early prosecution of this
work.

G.E. No. 2214, 26/7
10th Aug/83.

Forwarded -

Registered
Stamps
4/8

Cr.
19/7.

Draft
14/8

Draft
14/8

25/7

To
The S. Engr 4th Circle
with 6 Circles.
for pro Accts with deptt
ch: &c.
Chelang Road 25/8

Cir 24/7 R 8/8

5471
59

Govt. of | 1883 | Madras.

PUBLIC WORKS.

Dated

Rcvd.

Encl.

G. O. 10 August 1883, Nos 2213 & 2214

Nos.

Bakery

Re Estimate for converting the old Artillery Stables at Cannanore into a ... & for sinking a well &c &c

Bakery

Forwarding copy of Proc: sanctioning Estimate for converting the old Artillery Stables at Cannanore into a ... & for sinking a well & requesting a ... &c &c

Encld. in Resp. Register