

- (1) பக்கங்களின் எண்ணிக்கை 22
 (2) புதுக்கித் திருப்பிய நாள் 2-12-88
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் len

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(70)

PWD துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	92	அச்சகம் பலவகை
நாள் :	15-1-1889	198.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

செ.சு.

11. sheets

15TH JANUARY 1889, No. 92 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper :—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General,
to the Secretary to Government, Military Department, dated Ootacamund,
19th December 1888, No. 4936-A.

Referring to G.O., No. 1288 W., dated 2nd May 1888, Military Department
No. 3548, dated 30th idem, I have the honor, by order, to forward, for sanction and
transfer to the Public Works Department for disposal, the estimates, plans, &c., below-
mentioned, which have been approved by the Commander-in-Chief. The plans and
estimates have been countersigned :—

Estimate, amounting to Rs. 10,070, for constructing places-of-arms for a regiment of
Madras Infantry at Bellary, with report, specification and plan.
Estimate, amounting to Rs. 30,000, for constructing new saddle-rooms for a regiment of
Madras Cavalry at Bellary, with report, specification and two plans (building and site).

No. 8661, Military.

Approved and transferred to the Public Works Department for disposal.

(By order.)

FORT ST. GEORGE, (Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
21st December 1888. Secretary to Government.

ORDER—dated 15th January 1889, No. 92 W., Public Works.

The undermentioned estimates are sanctioned :—

IMPERIAL MILITARY.
Original Works.

	RS.
Constructing places-of-arms for a regiment of Madras Infantry at Bellary ...	10,070 No. 50 W. of 1888-89.
Constructing new saddle-rooms for a regi- ment of Madras Cavalry at Bellary ...	30,000 „ 51 W. of „

2. A sum of Rs. 10,000 has been provided for the latter work in the budget for
1889-90.

(True Extract.)

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

To the Superintending Engineer, III Circle, with eleven enclosures.

„ Examiner, Public Works Accounts,
with two abstract estimates.

„ Military Department.

Exd. J. Henricus.

Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of {1889} Madras.
PUBLIC WORKS.

Dated January, 15th.

Recd.

Encl.

G.O., 15th Jan. 1889, No. 92 W.

JANUARY.

Military Works at Bellary

Estimates for certain —, sanctioned.

2ND MAY 1888, Nos. 1288, 1289 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—again:—

G.O., dated 24th August 1887, No. 2269 W., Public Works.

G.O., dated 7th March 1888, No. 767 W., Public Works.

Read the following Proceedings of the Government of Madras, Military Department, dated 24th February 1888, No. 1354.

Read the following letter from the Quartermaster-General, to the Secretary to Government, Military Department, dated 22nd February 1888, No. 838 A.

I have the honor, by order, to report, for the information of Government, that a portion of the roof and side walls of the east end of the hospital of the Native Cavalry Regiment at Bellary fell down on the 13th instant.

2. Although no warning had been received of its unsafe condition, fortunately no patients were in that portion of the building, so that no one was injured by the accident.

3. The whole building has been vacated on the recommendation of the Executive Engineer, who seems to think it almost certain that it will have to be condemned entirely and replaced by a new one, though he has delayed a definite report to that effect pending further examination of the walls.

4. Recent reports also go to show that the places-of-arms of the Native Infantry are in the same state of decay as those of the Native Cavalry * to which they are similar in construction and age.

5. It seems to the Commander-in-Chief desirable therefore that immediate consideration should be given to the necessity of replacing all the places-of-arms of Native Regiments at Bellary with new buildings, the probability of a new hospital having to be provided for the Native Cavalry being also kept in view.

6. The very small grant for original works in the budget for 1888-89 precludes any possibility of funds to meet such an extensive demand as that above indicated being made available from ordinary sources, His Excellency therefore recommends that no time be lost in bringing the facts, as to the decayed state of most buildings of the Native Regiment at Bellary, to the notice of the Government of India in view to the grant of a special allotment for the commencement of the necessary work in the current year.

7. Though the hospital of the Native Infantry Regiment at Bellary contains sufficient accommodation for the sick of the Native Cavalry Regiment also, it will be essential to provide for the erection of a new hospital for the Cavalry, if the present one is condemned, in anticipation of the early location at Bellary of a second Native Infantry Regiment, the sick of which would require the space now made available for the sick of the Cavalry in the existing Native Infantry hospital.

Order—dated 24th February 1888, No. 1354, Military.

Communicated to the Public Works Department for favor of the necessary action at an early date.

(True Extract.)

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

Order—dated 7th March 1888, No. 767 W., Public Works.

Communicated to the Superintending Engineer, III Circle, who will report the approximate cost of each of the buildings required, in view to an application being made to the Government of India for a special grant of funds. Immediate attention should be given to this subject.

(True Extract.)

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Under-Secy. to Govt., P.W.D.

G.O., dated 12th March 1888, No. 811 W., Public Works.

Read the following letter from A. H. GARRETT, Esq., Executive Engineer, Bellary Division, to the Superintending Engineer, III Circle, dated Bellary, 20th February 1888, No. 2819.

I have the honor to inform you that on my return from camp on the 15th instant I received a letter from the Deputy Assistant Quartermaster-General saying that the roof of the followers ward in the Native Cavalry hospital had fallen in.

2. Fortunately no one was in the ward at the time, or they would undoubtedly have been killed.

3. On visiting the hospital on the 16th instant, I found that the accident had been caused by one of the hip-rafters giving way. These hip-rafters are formed of two pieces of palmyra wood nailed together. The soft wood inside had been completely riddled by white ants. The hard outside portion forming a mere shell which prevented the dangerous condition of the rafter from becoming apparent on inspection.

The sketch in the margin is a cross section of the rafter in which the portion damaged by white ants is shaded.



There are hip-rafters in the surgery similar to those which were in the followers ward, and on that account I considered the surgery the most dangerous room of all, and advised that it should be vacated at once.

The state of the palmyra couples in the other rooms can be seen from inspection, as the rafters are of single pieces of palmyra wood and the ravages of white ants are not concealed, as they are in the hip-rafters. But it is, of course, impossible to say from inspection whether the ends of the rafters embedded in the walls are sound or not, and for the present at any rate it will be advisable that no portion of the hospital be occupied except the verandahs.

5. This morning I had a ladder sent down to the hospital, in order to make a closer examination of the hip-rafters in the surgery. With a large knife I was able to ascertain that the inside of the rafters had been eaten by white ants just like the

hip-rafters in the followers ward, and the roof of this room might in consequence give way at any moment.

No. 2527.

Submitted to the Chief Engineer, Public Works Department, for the information of Government.

BELLARY,
6th March 1888.

(Signed) H. SMALLEY, Colonel, R.E.,
Superintending Engineer, III Circle.

Order—dated 12th March 1888, No. 811 W., Public Works.

Recorded with reference to G.O. No. 767 W., dated 7th March 1888.

(True Extract.)

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Under-Secy. to Govt., P.W.D.

READ—also the following papers:—

Proceedings of the Government of Madras, Military Department, dated 21st March 1888, No. 2024.

ABSTRACT.—Referring letter from the Quartermaster-General forwarding, with suggestions, correspondence inquiring whether an estimate for a new Native Cavalry hospital, Bellary, should be submitted or an estimate for re-roofing only.

No. 1330 C.

Referred, with advertence to the correspondence marginally noted, to the G.O. No. 767 W., dated 7th March 1888. Superintending Engineer, III Circle, for very early remarks on the question raised in para. 2 of the Quartermaster-General's endorsement.

2. In G.O. No. 767 W., dated 7th March 1888, the Superintending Engineer, was asked to report the approximate cost of a new building for the Cavalry hospital.

(By Order.)

22nd March 1888.

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Under-Secy. to Govt., P.W.D.

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 27th March 1888, No. 2735.

With reference to G.O. No. 767 W., dated 7th March 1888, I have the honor to forward a statement showing the approximate cost calculated from plinth areas of the new Military buildings required at Bellary according to Quartermaster-General's letter recorded in the above.

2. The only objection to re-roofing the present Native Cavalry Hospital is that the walls are stone in mud. Nevertheless, the building is in other respects a satisfactory building, and worth repairing thoroughly.

3. New places-of-arms for the Native Infantry have been approximately estimated for on the standard plans, dated September 1883, and on the present plan which is considered preferable, though more costly.

92
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92
3

ENCLOSURE.

Approximate Estimate.

Particulars.	Amount.
<i>Present Cavalry Hospital.</i>	RS.
Re-roofing with teak rafters and Mangalore tiles, demolishing top courses to the depth of one foot and rebuilding with stone in chunam	5,500
A new hospital for 30 men on standard plan	36,000
New Cavalry saddle-rooms on plan lately approved, 1 for each troop = 6 at Rs. 4,500	27,000
New Infantry places-of-arms on standard plan, 1 for each regiment = 2 at Rs. 12,000	24,000
New Infantry places-of-arms on present plan but built with stone in chunam and with roof of Mangalore tiles, 3 for each regiment = 6 at Rs. 10,000	60,000

23rd March 1888.

(Signed) A. H. GARRETT,
Executive Engineer.

27th March 1888.

(Signed) H. SMALLEY, Colonel, R.E.,
Superintending Engineer, III Circle.

From the same officer, dated 19th April 1888, No. 104.

With reference to your memorandum No. 1509 C., dated 10th April 1888, I have the honor to state that the letter from the Military Department bearing your endorsement No. 1330 C., dated 22nd March 1888, has not been received in this office.

2. As regards the inquiry by the Military Department whether an estimate for a new Cavalry hospital should be submitted or an estimate for re-roofing only, I would beg to refer you to paragraph 2 of my letter No. 2735, dated 27th March 1888 wherein I have stated that the only objection to re-roofing the present Cavalry hospital is that the walls are stone in *mud*; nevertheless, the building is in other respects a satisfactory building and worth repairing thoroughly.

3. Beyond this I am unable to give further information without referring to the letter in question from the Military Department.

ORDER—dated 2nd May 1888, No. 1288 W., Public Works.

As the Superintending Engineer, III Circle, is of opinion that the Native Cavalry hospital at Bellary is worth repairing thoroughly, a detailed plan and estimate for the work should be prepared at once.

2. Detailed plans and estimates for the under-mentioned works should also be submitted as soon as possible :—

	RS.
New Cavalry saddle-rooms, approximate cost	27,000
New Infantry places-of-arms on standard plan, approximate cost ...	24,000

3. Meanwhile, the Government of India will be addressed on the subject of a grant of funds for the works :—

(Here enter No. 1289 W., dated 2nd May 1888.)

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.To the Superintending Engineer, III Circle.
,, Military Department.

LETTER—to the Secretary to the Government of India, Military Department, dated Ootacamund, 2nd May 1888, No. 1289 W.

In forwarding a copy of the Proceedings of this Government marginally noted, relative to the urgent necessity which exists for renewing several of the military buildings at Bellary, I am directed to request that the Government of India may be moved to sanction a special allotment of funds to admit of the under-mentioned works being put in hand during the present official year :—

	RS.
Re-roofing and thoroughly repairing the Native Cavalry hospital, approximate cost	5,500
New Cavalry saddle-rooms, approximate cost	27,000
New Infantry places-of-arms, approximate cost	24,000

2. I am to add that it is not possible, without detriment to other pressing requirements, to appropriate funds for these works from the limited assignment made by the Government of India for military works in this Presidency in 1888-89.

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.Exd. F. R. Bantleman.
Spare Copies92
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Govt. of (1888) Madras.
PUBLIC WORKS.

G.O., 2nd May 1888, Nos. 1288,
1289 W.

MAY.

Requesting that a special allotment of funds be sanctioned for the repair of certain — at Bellary during the present official year.

Spare Copies

98
5

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of (1888) Madras.
PUBLIC WORKS.

Dated June, 25th.

Recd.

Encl.

G.O., 25th June 1888, No. 1896 W.

JUNE.

Native Infantry Regiment at
Bellary

Orders on letter from the Quartermaster-General recommending that the new places-of-arms for the — may be constructed in wing barracks on the type of those at Perambur and Secunderabad.

Barracks and Buildings.
Estimates.

No. 4930.
A

From

BRIGADIER-GENERAL M. PROTHEROE, C.B., C.S.I.

QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SIR, Referring to O. G. No. 1255 W of 2nd May '88, in D. No. 3548 of 30th idam,
I have the honor, by order, to forward for sanction and transfer to the Public
Works Department for disposal, the estimate, plans &c., below-mentioned which
have been approved by the Commander-in-Chief. The plan and estimates have
been countersigned.

*Estimate amounting to Rs. 10070 for
constructing 1 place of arms for a Regiment
of Madras Infantry at Bellary with report,
Specification and plan.*

*Estimate amounting to Rs. 30,000 for
constructing new saddle rooms for a Regiment
of Madras Cavalry at Bellary with report,
specifications and two plans. (building
and site.)*

I have the honor to be,

Sir,

Your obedt. Servant,

H. H. H. H. H.

Lt. Col.

By 6th Dec 1888.

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund, 19th December 1888.

110

92
6

9. 24. 2. 1888 N. 1354 R
P. 30. 5. 1888 N. 2548 R
H. 7. 1888 N. 4602 R

Go. 2. 5. 88 N. 1288. 89 W.
25. 6. 88 N. 1896 W.

F. W. C. No. 7321
MILITARY (1888.) DEPARTMENT.

No. 7254

2/P

No. 8661. Approved
and transferred
to the Public Works
Department for
disposal.
(By order)

Attest
Secy. to Government

Fort Saint George
21. December 1888

From
THE QUARTER MASTER GENERAL,
OOTACAMUND,
To
THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

3 Plans & 2 Estimates

Dated 19. } December
Received 21. }

No. 4936-A.

Enclosures 13

Forwards for sanction and transfer to the
Public Works Department for disposal, plans
and estimates for constructing
Plan of arm + new saddle
rooms for a Regt of M. D. at
Barrack

92/6
Public Works Department.
Current No. 13,217
Letter No. 8661
Dated 21st December 1888
From the Secy. to Govt. Military Dept.

NOTE OF REMARKS.

The estimates under
review aggregating
Rs 40,070 provide for
the construction of
the following buildings
at Polling.

(a) Plan of arm
for a Regiment
of Native Infantry
Right Wing - Rs 5,545
Left - " 4,525

Total Rs 10,070

(b) Constructing saddle
and store rooms
for Native Cavalry
in 3 blocks, each
block costing Rs 10,000 = Rs 30,000

Grand Total Rs 40,070

The estimates for the
plan of arm have
been prepared in
accordance

with the plans of Wing Pumph
at Perambur furnished by
the Supy. Engr. I. C. C.
and signed to in G.O.

No 1096 W of 25th June 1892,
there is however a more
recent design which
should have been
followed.

The old design for
Saddle & Store rooms
circulated with No 3
of 9/1/86 has been followed
only substituting a
tiled roof for a
terraced roof. In
this case also there
is a revised design
No 19 of 1891 which
should have been
adopted.

The foundations
basement and super-
structure of these buildings
are to be of concrete
rubble in masonry
and the walls are
to be pointed on
both sides.

The flooring is to be
of Cindupale stone
laid on 3" of concrete.
The roofing is to be

* Circulated with this Office
No 30 of 22nd July 1894.

As regards the places of arms
it has been decided that
the standard plan for
bells of arms, is finally.
The barracks at Perambur
one of excellent design, and
it was settled in G.O. No
1596 W of 25 June 80
that the new places of arms
at Bellary should be
constructed on the
Perambur plans.

As regards the Saddle
rooms, there is not sufficient
difference between the latest
standard plan & the
plan approved by the
Military & number is
necessary to give the design
& estimate as sent in by

St. III.

W. P.
9.1.89

92/9

of masonry work
including tank walls.
All the work done
is to be of tank work
2 conts -

The superficial areas
of these buildings
are as follows.

Places of Arms Right
& Left wings area 4547
Sq. feet, cost Rs 10,070
or Rs 2-8-5 per Sq. foot.

Saddle and Store
rooms 5348 Sq. feet
for one block, cost
Rs 10,000 or Rs 1-13-11
per Sq. foot.

The rates are fair -
The plans and Ests.
have been counter-signed
by the Quarter Master
General and approved
by Govt in the following
reply: -

Cm P
8/1/89.

92/10 No 92W.

Public Works Department.

310

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the Jan 15. 1889

Read the following

From the Quarter Master General. H. E. No: 4936 A. L. of 19 December 1888.
Endorsement by the Military Department. H. E. No: 8661 A/21 December 1888.

The undermentioned estimates are sanctioned:-

Imperial Military
Original Works

- Constructing places of arms for a regiment of Madras Infantry at Bellary } Rs. 10,070. No: 50 W of 1888-89.
- Constructing new saddle rooms for a regiment of Madras Cavalry at Bellary } Rs. 30,000 No: 51 W of 1888-89.

2. A sum of Rs. 10,000 has been provided for the latter work in the budget for 1889-90.

24/11/89

To The Suptg. Engr. III Circle with
enclos.
Examiner P. W. Sects with
2 abstract estimates
Military Department.

11.1.89

11/1/89

CM

~~Wm~~~~92/11~~

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Nov 11. 1. 89

Gobt. of (1889) Madras.
PUBLIC WORKS.

17/1/89

Dated

Recd.

Encl.

G.O., 15 Jan 1889 No. 924

Military marks at
Bettur

Estimates for cartage -
sanctioned.

SP

110/5

8/15/89
16/1