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- (1) பக்கங்களின் எண்ணிக்கை 12.
(2) புதுக்கித் திருப்பிய நாள் 8-8-88
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

வெதும்புனிதறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண்.

2368

அச்சகம்
பலவகை

நாள் : 24-9-1884

198.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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கே.டி

ஆவண. கா-1-18,000-15-6-87.

24TH SEPTEMBER 1884, No. 2368 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 10th September 1884, No. 804-B :—

I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned :—

Detailed estimate, amounting to Rs. 2,420, for converting the old jail guard at Cannanore into a magazine, with specification and two plans.

No. 4491, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

OOTACAMUND, 12th September 1884. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

ORDER—dated 24th September 1884, No. 2368 W., Public Works.

The plans and estimate, amounting to Rs. 2,420, for converting the old cells in the Cannanore fort into a double magazine and treasure-room, are sanctioned.

2. This sanction has been registered as Imperial Ordinary No. 36 W. of 1884-85, and classified as Military Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1884) Madras.
PUBLIC WORKS.

Dated September, 24th.

Recd.

Encl.

G.O., 24th Sept. 1884, No. 2368 W.

SEPTEMBER.

Old Cells in the Cannanore
Fort

Estimate for converting the — into a
double magazine and treasure-room, sanc-
tioned.

QUARTERMASTER-GENERAL'S OFFICE,
Ootacamund, 10th September 1884.

Barracks and Buildings
Estimates.

No. 804
B

From

THE QUARTERMASTER-GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SIR,

I HAVE the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below-mentioned which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned.

Detailed Estimate amounting to Rs. 2420/- for
Converting the old jail guard at Cannanore
into a magazine, with Specification and two
plans.

I have the honor to be,
Sir,

Your obedient servant,

W. H. W. B. Brig. General
Quartermaster General

G. A. G.

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Handwritten note or signature, possibly "C. W. 786/90".

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Military (1884) Department.

No. 4704

From

THE QUARTERMASTER-GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

Sp-4491 Approved
and transferred to the
Public Works Department
for disposal.

(Bynder)

Attest Attest Lieut. Col.
Offg Secy. to Govt.

Attest Attest
12 September 1884

ENCLOSURES. 6

For sanction and
transfer to the P.W.D. estimate
and Plans, with specification
for converting the Jail Guard
at Cannanore into a Magazine.

I must say I do not
like the arrangement, but
have again the S.E. has approved
& he is responsible for details.
he cannot of course have rods of
inadequate height or have them
all on a building, the keeping them
of inadequate height - they are no
theory - it strikes me that the
tower which absorbs half the cost
might be built on a hill or on a
tower the system of conductors. A
tower does not work such protection.
The magazine proper might be well
protected by rods & bands with connection
running down to earth at the angles.
This would save a lot of money &
be sufficiently secure I should say.
The iron doors should I think be joined
to "earth" & connected with the bands.
However we need not interfere with
what S.E. has personally worked out.
So sanction.

Cy.
12.9

Public Works Department, 1884-85.

Current No. 7826

Letter No. 4491

Dated the 12th September 1884

From the Mil. Secy. to Govt.

NOTE OF REMARKS.

- The accompanying plans and estimate provide for converting the old cells in the Cannanore Fort into a double magazine and treasure room with the addition of lightning conductors. The estimate amounts to Rs. 2420.
- It may be seen that 4 lightning rods, each 6 ft. high, and by their arrangement capable of protecting 36 ft. of the ridge, are expected to protect a ridge 81 2/3 feet long. Placed at their best, the rods can protect but 48 feet of the length, for from the ruling on the subject the following

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be looked on as a correct deduction in the case of a ridge roof like the present - To protect a straight ridge roof the sum of the heights of all the terminals above that ridge must equal, at least, one half its length - the terminals placed to the greatest advantage, not, as is generally the case, one at each extremity of the roof.

3. A compound wall is provided 105 feet long, 1 1/2 ft. thick, and 8 1/2 high to top of coping.

4. The masonry is to be laterite stone in mass.

5. The estimate has been countersigned by the Qu. Mbr. General; and by S.E. IV.

22nd Sept/84
B.H.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

From the Quarter Master General - H. E. No: 804/13 d/10th September 1884.
Endorsement thereon by the Military Deptt. H. E. No: 4491 d/12th Sept/84.

The plans and the estimate amounting to Rs. 2,420, for converting the old cells in the Bannanore Fort into a double magazine and treasure room, are sanctioned.

2. This sanction has been registered as Imperial Ordinary No: 36 W of 1884-85, and classified as Military, Original Works.

Ch.
23.9.84

To The Supts. Engr. IV Circle with 5 encls.
" Examiner P. W. Acety
" Military Department.

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BW

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Govt. of (1884) Madras.

PUBLIC WORKS.

(8)

Dated

25/9/84
Recd-5-15/84

Recd.

Encl.

G.O. 24/5/84 1884 No. 2300

Old Cells in the
Channarayana Fort.

See for commencing the
with a double magazine
& treasure room
Sanctuary.

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