

(1) பக்கங்களின் எண்ணிக்கை

12

(2) புதுக்கித் திருப்பிய நாள்

2.9.2

(3) ஆதாரங் குறிப்பவர் சுருக்கப்படும்

2/

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. W. D.

திருச்சி

அரசாணை எண். 3154
மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

நாள் : 5.12.1893.

199

MY

மடிக்கவோ துண்டிப்படி கையாள்வோ கூடாது.

ஆவண. கா. 1-18,006-6-9-90.

No. 4320

EXECUTIVE ENGINEER'S OFFICE,
COIMBATORE DIVISION,
COIMBATORE, 21st November 1893.

FROM

H. C. Lewis Esq

EXECUTIVE ENGINEER,

COIMBATORE DIVISION.

TO

THE SUPERINTENDING ENGINEER,

FOURTH CIRCLE, COIMBATORE.

SIR,

Enclosures.

With reference to your No. 578
of the 18th instant, I have the honor
to give a few additional particulars
as to the insufficiency of the exist-
ing supply to Government House,
Ootacamund.

2 In April, I received com-
plaints that the supply was in-
sufficient and gauged the dis-
charges into the tanks with the
ball valve fully open; this was
5.3 gallons per minute. The distance
from the main to the cistern being
2250 feet and head 47 feet; the
proper discharge of the 2" pipe should
be 24 gallons per minute.

I then had a length of pipe moved for inspection and found thick deposit of clayish rust which I described as ^{ochreous} ~~ochreous~~ being more like ^{ochre} ~~ochre~~ than rust. This was no doubt due to the action of the soft peaty water on the wrought iron. It is in some places blocked up more than the area of the pipe.

Cast Iron pipes being prepared with Smith's solution are not subject to the action of soft water in the same way.

The discharge of a 2" pipe from the main to the hydrant (slope = $\frac{4}{100}$) would be 36 gallons per minute (Moleworth), whereas an ordinary 8 man fire engine discharges 55 gallons per minute, that, relaying the main with cast iron pipes would be quite sufficient. 2½" pipes without any obstruction would just do, but

but, it is safer to have 3" pipes which would give a sufficient margin to have water available for buckets at the second hydrants.

I have the honor to be
sir

Your most obed^t-servant

McLennan

Executive Engineer

Bombay Division

St

N^o 468

Submitted to the Chief Engineer P.W.D. through the Military Secretary to His Excellency the Governor with a request that he will be good enough to obtain the sanction of Government to the estimate.

The cost can be charged to "Finishing the exterior of the main building" vide item N^o 23 in the statement recorded in G.O. dated 29th August 1889 N^o 2384 W.

H. H. H. H.

24th Nov 1893. Supg. Engineer, 14th Circle

P. W. D.

22 NOV 93

From

The Executive Engineer,

Coimbatore Division.

To

The Sppg. Engineer,

Fourth Circle,

Coimbatore.

Dated 21st

Despatched 21st

Received

No. 4320.

ENCLOSURES

SUBJECT.

Water Supply to Government
House Ootacamund.

Submits additional
information as to the in-
sufficiency of the existing

3/3154

From,
The Supg. Engineer
4th Circle

Dated 24th
Ad } November 1893.

No 4684

DL E. 1
10083/53 Enc. 2.

Water Supply, Govt. House,
Ootacamund — Offers
Additional information
as to the insufficiency of
the existing —

Public Works Department

Current No. 10083

Letter No. 200

Dated 21st November 1893

From the

Philosophical & the Governor.

NOTE BY TECHNICAL SECTION.

Name of work Improving the water supply
to Govt. House, Ootacamund.
Amount of estimate Rs 3950

This estimate provides for im-
proving the water supply & for
providing fire engines to Govt.
House at Ootacamund.

The existing 2" wrought iron
piping is stated to be insuffi-
cient for the ordinary require-
ments of Govt. House. It is there-
fore proposed to remove the ex-
isting wrought iron piping
& relay with 3" Cast iron pipe.
Spigot & socket, coated with
Smiths solution by which an
arrangement a larger quantity
of water will be obtained to
supply Govt. House & to supply
2 new hydrants now proposed
to be erected. The length of
the piping is to be 2850 feet.
Provision has been made

4 fire engines at \$100 each.
 The rates appear to be fair.
 The estimate has been counter
 signed by the Military Secy.
 to be sent to the Governor. The
 Secy proposes to change the
 estimate to subhead 23, "Finishing
 the exterior of the main build-
 ing" on the large estimate for
 Govt House only amounting to
 \$7,791.50.

Form para 5. of the
 Ex. Engr's letter, explaining
 his necessity of using 2 1/2
 pipes, it would seem that
 there is at present a
 manual fire engine at
 Govt. Hse. as he explains
 that a 2" pipe would not
 deliver fast enough to
 supply an 8 man engine.

Engr. can be sanctioned
 to be asked to report
 whether or already a
 manual engine at Govt Hse.
 and also what description
 of manual fire engine
 is proposed to provide.

O. J. L.
 20.4.93

B
 30/11

No. 244

GOVERNMENT HOUSE,
 Gwendy
 27th November 1893.

From Major The Hon. R. J. Lawley
 THE MILITARY SECRETARY TO THE
 RIGHT HONORABLE THE GOVERNOR,
 To The Chief Engineer
 Public Works Department

SIR,

I have the honor to forward papers and estimates
 in connection with the water supply of Government House,
 Ootacamund and to request that the sanction of Govern-
 ment may be obtained to the estimate. The water supply
 is not only found insufficient for ordinary purposes until
 such time as the South West monsoon has thoroughly
 set in; but the present scheme provides for a complete
 system of hydrants as in case of fire.

Within my experience the house has nearly caught
 fire more than once, and the present arrangements
 for extinguishing a fire are practically nil. It is
 therefore of importance that Government should be
 moved to sanction this estimate at an early date so
 as to admit of the work being completed before His
 Excellency takes up his residence at Ootacamund next spring.

I have the honour to be,
 Sir,

Your most obedient Servant,

R. J. Lawley
 Major Captain
 Military Secretary.

4 fire engines at \$500 each.
 The rates appear to be fair.
 The estimate has been considered
 signed by the Military Secy.
 to be the Government. The
 Secy proposes to change the
 rate to subhead B. 23, "Furnish-
 ing the interior of the main build-
 ing on the large estimate for
 Govt. House only amounting to
 \$7,79,150.

[Handwritten signature]
 29.1.93

Form para 5. of the
 Ex. Com. letter, explaining
 his necessity of using 2 1/2
 pipes, it would seem that
 there is at present a
 manual fire engine at
 Govt. Hse. as he explains
 that a 2" pipe would not
 deliver fast enough to
 supply an 8 gun engine.

Est. can be sanctioned
 Ld. asked to report
 if there is already a
 manual engine at Govt. Hse.
 and also what description
 of manual fire engine
 it is proposed to provide.

[Handwritten signature]
 29.1.93

B
 29/1

GOVERNMENT HOUSE,
 27 January 1893.

No. 244

From Major The Honble R. J. Lawley
 THE MILITARY SECRETARY TO THE
 RIGHT HONORABLE THE GOVERNOR,

To The Chief Engineer
 Public Works Department

3154

Sir,

I have the honor to forward papers and estimate
 in connection with the water supply of Government House.
 Ootacamund and to request that the sanction of Govern-
 ment may be obtained to the estimate. The water supply
 is not only found insufficient for ordinary purposes until
 such time as the South West monsoon has thoroughly
 set in; but the present scheme provides for a complete
 system of hydrants &c in case of fire.

Within my experience the house has nearly caught
 fire more than once, and the present arrangements
 for extinguishing a fire are practically nil. It is
 therefore of importance that Government should be
 moved to sanction this estimate at an early date so
 as to admit of the work being completed before His
 Excellency takes up his residence at Ootacamund next spring.

I have the honour to be,

Sir,

Your most obedient servant,

[Handwritten signature: R. J. Lawley]

Major,
 Captain

Military Secretary.

1893

From

Major The Honble R. J. Lawley
Military Secretary to the
Right Honble the Governor

To

The Chief Engineer
Public Works Depto

Dated 27 }
Recd. 28 } November 1893.

Encls. 3 (1 Plan)

Memorandum for sanction an Estimate
in connection with the water supply
of Government House Ootacamund

No. 217C of 17-1-89
" 1455C of 20-3-89
" 1544C of 23-3-89
" 936W of 29-3-89
" 2384-5W of 29-8-89
" 3538W of 6-11-88
" 2683W of 25-9-89
" 2902W of 16-10-89
" 1558W of 19-5-90
" 1558-9W of 6-6-90

No. 3154 W of 5-12-93

PUBLIC WORKS DEPARTMENT

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S. E. IV Circle No. 468W of 24 Nov. 1893.
Military Secy. to H. E. the Governor No. 244 of 27 - - -

to
354

W
3 Dec.

* Finishing the interior of the
"main building".

* See in the file - Will be obtained
from the General to the Dept. of
the details of the estimate & the
homework. Refer in the statement
printed with G.O. 2384W of 29-8-89.

The estimate, amounting
to Rs. 3950, for improving the
water supply and providing
manual fire engines for
Government House, Ootaca-
mund, is sanctioned as
a charge against the
Subhead No. 23 of the estimate
of Rs. 779,50 sanctioned
in G.O. 2459W of 3 Sept.
1883.

2. Arrangements should
be made for completing
the work before the
close of the current financial
year.
3. The budget grant
for additions and
improvements to the
building is Rs. 10,000. Additional
funds

funds, if required, will
be allotted on application.

4. The Suptg. Engineer will
report whether there
is already a manual
fire engine at Govt.
House, as would appear
from para 5 of the
Executive Engineer's letter
No. 4320 d/ 21 November
1893, and also what
description of chemical
fire engine it is now
proposed to provide.

5. The sanction accorded
in para 1 has been
registered as Provincial
No. 1224 of 1893-94 and
classified as Civil
Buildings, Original
Work No.

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1/12

W.B.
1/12/93

G. 7. 11

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11/12/93

W.B. 1/12/93
Govt. House, Calcutta

Urgent

No. 3154 W d/ 5-12-93

DESPATCHED

L

The S.E. W. Arch
with plan & section
- Engr. P.W. Acety
- Mily. Secy to the
Governor

26/12/93

11/12