

- (1) பக்கங்களின் எண்ணிக்கை 14
 (2) புதுக்கித் திருப்பிய நாள் 1/50
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/50

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(25)

P. W. D. துறை

அரசாணை எண்.	1513	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள் :	3 - 6 - 1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

7. Sheets 64 sheets

ஆவண, கா-1-18,006-15-6-87.

87

(10)

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.

Civil Works.

READ—the following paper :—

From Captain M. BEAN, H. M.'s I.M., Officiating Presidency Port officer, to the Chief Engineer, Public Works Department, dated Madras, 14th May 1891, No. 398/73 P.W.

In forwarding the accompanying communication, No. 170 T.N., dated 9th May 1891, from the Superintending Engineer, VI Circle, to your address, I have the honour to state that I agree with the views referred to therein as to the desirability of providing the Muttum lighthouse with an entirely new lightning conductor with an earth connection, as proposed by the Executive Engineer, and request that arrangements may be made for the necessary plans and estimates being forwarded to me as soon as possible.

ENCLOSURES.

From F. J. WILSON, Esq., Executive Engineer, Tinnevely division, to the Superintending Engineer, VI Circle, dated 5th May 1891, No. 426.

I have the honour to forward, herewith, for your perusal, a letter received from the Superintendent of the Muttum lighthouse.

It would appear to be advisable to provide an entirely new lightning conductor with an earth connection in the locality of the trial pit sunk by Mr. Chatterton as there is water in this hole now at a depth of 12 feet in the month of May. If we went a little deeper it is improbable that the hole would ever run quite dry.

From the Superintendent, Muttum Lighthouse, to the Executive Engineer, dated Nagercoil, 1st May 1891, No. 69 S.C.

I beg to state that, according to the instructions of the Superintending Engineer, that I have sunk a trial pit north-west from the lighthouse, distance 350 feet from the end of the lightning conductor. For the first 200 feet there is very little earth over the rock, but for the other 150 feet the conductor could be laid from six to nine feet deep. The trial pit is eleven feet deep and six and a half feet diameter; there is water at the bottom. It could be sunk deeper, but the ground is getting of a more rocky kind deeper down.

I have expended the sum of Rs. 2-8-0 for labour and As. 8 for repairing tools; total Rs. 3. The sum could be remitted me in postage stamps.

No. 170 T.N.

Submitted to the Chief Engineer, Public Works Department, through the Presidency Port officer, in continuation of this office No. 97 T.N. of the 27th April 1891.

2. The present state of the lightning conductor is fully set forth in paras. 4 to 6 of the report above quoted. The trial pit, which appears to have been excavated agreeably to the instructions furnished by the undersigned, is likely to prove a success from what the Lighthouse Superintendent states, and the provision of a new conductor appears, therefore, advisable.

9th May 1891,

(Signed) J. W. MARTIN,
Offg. Suptdg. Engr., VI Circle.

3RD JUNE 1891, No. 1513 W., PUBLIC WORKS.

ORDER—dated 3rd June 1891, No. 1513 W., Public Works.

Communicated to the Marine Department in continuation of G.O., No. 1361 W., dated 19th May 1891.

2. The Superintending Engineer, VI Circle, will, with the least possible delay, submit an estimate accordingly through the Presidency Port officer.

(True Extract.)

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

To the Marine Department.
„ Superintending Engineer, VI Circle.

Exd. A. D. Xavier.
Spare Copies

1513
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated June, 3rd

Recd.

Encl.

G.O., 3rd June 1891, No. 1513 W.

JUNE.

Lightning Conductor

Reports on the necessity of providing a new — to the lighthouse at Muttum, communicated to the Marine Department and the Superintending Engineer, VI Circle, directed to submit an estimate for the same.

No. 398 P.W.
73

PRESIDENCY PORT OFFICE,

Madras, 14 May 1891.

To

The Chief Engineer,
Public Works Department,
Chennai.

SIR,

In forwarding the accompanying communication, No. 176 S.M., dated 9th May 1891 from the Superintending Engineer VI Circle to your address, I have the honor to state that I agree with the views referred therein as to the desirability of providing the Muttum Lighthouse with an entirely new lightning conductor with an earth connection as proposed by the Executive Engineer, and request that arrangements may be made for the necessary plans and estimates being forwarded to me as soon as possible.

I have the honor to be,

Sir,

Your obedient servant,

Francis Dean

Captain H.M.S. P.M.

Offg. Presidency Port Officer.

82. Acc² 1361 W d 17.5.91

Recd. 19 May 1891
No. 426

Requesting to forward
the necessary plans
and estimates for providing
a new lightning conductor
to Muttum Light House.

From
THE PRESIDENCY PORT OFFICER,
Madras,
To
The Chief Engineer
Public Works Dept.
Madras,
Dated
14 May 1891
Received
No. 215 AM

No. 1513 W d 30 June 1891

Communicated to
the Marine Dept. in
continuation of G.O. No.
1361 W d 19 May 1891.
2. The Suptg. Engr. VI
circle milb, with the least
possible delay, submit
an estimate accordingly
through the Presidency Port
officer.

Old 124/5
N.M. 29/5
M 1/6/91

Marine Dept.
Sb. VI. circle
J. C. S. 19/5/91
S. D. 1/6/91

Tinnevely Division Office

No. 426

53 May 1891

From
J. J. Wilson Esquire
Executive Engineer

Tinnevely Division.



To
The Superintending Engineer
6th Circle.

153/4

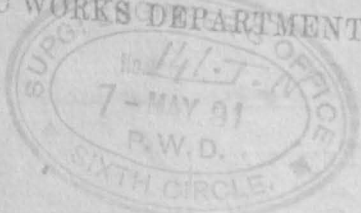
Sir,
I have the honor to forward
herewith for your perusal a letter
received from the Superintendent of
the Muttum Light House.

It would appear to be ad-
visable to provide an entirely new
lightening Conductor with an earth
Connection in the locality of the trial
pit sunk by Mr Chatterton as there
is water in this hole now at a depth
of 12 ft in the month of May. If we
went a little deeper it is improbable
that the hole would ever run quite dry.

I have the honor to be,
Sir,
your most obedient servant,
J. J. Wilson
Executive Engineer

Reference No. _____ dated _____

PUBLIC WORKS DEPARTMENT.



From
The Executive Engineer
Tinnevely Division.

To
The Superintending Engineer
6th Circle.

No. 426

Dated
5th May 1911

Despd.

Recd.

ENCLOSURE 1-

SUBJECT.

Showing the necessity
of providing an entirely
new Lightning Conductor
to the Light House at Muttam.

No 170 TN d/9th May 1891
Submitted to the Chief
Engineer D.P.W. through
the Presidency Post Office,
in confirmation of this
office No 97 TN of the 27th
April 1891.
2. The present state
of the Lightning Conductor
is fully set forth in paras
4 to 6 of the report above
quoted. The trial pit
which appears to have
been excavated, agree-
ably to the instructions
furnished by the under-
signed is likely to prove
a success from what the
Light House Superintendent
states, and the provision
of a new conductor appears
therefore advisable.

L. W. Martin

Offg. Supt. Light House

Encls 1.
Letter from Supt.
Light House Muttam
No 69 d/1-5-91

8/5791

Reference Sent No. _____ dated _____
Reply No. _____

No 69
T.C.

1573
6

Light House Muttam
Muttam
1st May 1891

From
The Superintendent Light House
Muttam.

The Executive Engineer
Puducherry.

Sir

I beg to state that according to the instructions
of the Superintending Engineer that I have sunk
a trial pit NW from the Light House, distance 350
feet from the end of the Lightning Conductor. For the
first 200 feet there is very little earth and the rock.
But for the other 150 feet the Conductor comes in
and from 10 to 15 feet deep. The trial pit
is eleven (11) feet deep and 6 1/2 feet diameter. At
the bottom there is water. The ground is settling
and could be sunk deeper but the ground is settling
of a more rocky kind deeper down.
I have expended the sum of Rs. 2. 8. 0
for labour and Rs. 1. 0. 0 for repairing
tools. Total Rs. 3. The sum could be remitted
me in future charges.

I beg to remain

Sir

Your most Obedt. Servant
W. H. H. H.
Supt. Light House

1513
/ 5

6

From ^{PW 47}
The Supt Engineer
W. circle.

To
The Chief Engineer
P. W. D.

This is the first of a series of
reports.

No. 170 TH
dated 9th
Sept. 113 May 1891

Encls 1.

Reporting on the necessity
for providing a new light-
ning conductor to the High
House at Kew.

1513
7

PW 5344

5344

Govt. of (18) Madras.

PUBLIC WORKS.

4/6/91

Dated

Recd.

Encl.

G.O. *Boys* 1891 No 15134.

Lightning Conductors

Reports in the vicinity
of providing a new
to the light houses at
Muthum Command to the
Marine Dept. The
S. II Circle directed
to submit an estimate
for the same.

70
3

492 4/6
2 4/6

(7)