

- (1) பக்கங்களின் எண்ணிக்கை 8
 (2) புதுக்கித் திருப்பிய நாள் Oct 1990
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் len

தமிழ்நாடு ஆவணக் காப்பகம்.

(80)

தமிழ்நாடு அரசு

P. W. D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>2173</u>	அச்சகம் பலவகை
நாள் :	<u>12-8-1891</u>	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

A-612

4. sheets

ஆவண, கா-1-18,006-15-0-87.

No. 690

PRESIDENCY PORT OFFICE,

Heading.

275-7

Madras, 16 July 1891.

Calicut Lighthouse

From

THE PRESIDENCY PORT OFFICER,

MADRAS,

To

THE CHIEF SECRETARY TO GOVERNMENT,

MARINE DEPARTMENT,

FORT ST. GEORGE.

SIR,

I have the honor to forward
duly countersigned, for the sanction
of Government and allotment of funds,
the accompanying Estimate from the

* 1 Estimate of Rupees 610
1 Report
1 Sketch plan

Superintending
Engineer IV Circle
amounting to Rupees

(610) six hundred and ten for providing
the Calicut Lighthouse with a lightning
conductor in accordance with the
suggestion of Mr. Douglass in his
report of inspection of Madras
Lighthouses - The amount, to
which will have to be added the
prescribed per centage for Public
Works.

Works supervision and tools and plant,
can be met from the Malabar -
District Port Funds, but will be
a general charge on the Western
Coast Lighthouses -

I have the honor to be,

Sirs,

Your Obedient servant,

Yours Truly

Captain H. M. S. M.

Offg. Presidency Port Officer -

2123
2

Pw 35-
7963

7962 ✓
Marine (1891) Department

From

The Presidency Port Officer,
Madras.

To

The Chief Secy. to Government,
Marine Department.

Fort St. George

N^o 696 G
275 P

Dated 16th July 1891
Received 18th July 1891

Enclon 4.

N^o



Subject.

Forwarding, for sanction, an
estimate amounting to Rupees 610
for providing the Calicut
Lighthouse with a lightning
conductor.

Transferred.

Am.

22 July

Approved & transferred
to the Public Works Dept.
Cotacamund } Instructions
25th July 1891 } Chief Secretary.

Please see pages 4-12 of P. N.

25.6.22.1.91

3573

20/7

2. 820 314 W of 3.2.91

N^o 27-7-91

Enclon 5
+ 1 plan

N^o 2617 36 W of 12-8-91

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24. VII 91

On 28. VII
24. VII

10.8.91 21-7
22-7

2173
3

Public Works Department.

On 28. VII
24. VII

Current No. 7963

Letter No. Nil

Dated 23rd July 1891

From the Marine Dept.

Sanction 7963

TECHNICAL NOTE. 1.8.91

The accompanying estimate
under review amounting to
Rs 610 is for providing light-
ning conductor to the Light
house at Calicut. —

It is stated in the
report accompanying the
estimate that the Light
house has at present
a galvanized wire
conductor 2" in circum-
ference running along
its external surface,
and its earth conductor
is of the old pattern scrap
iron & chains. —

The present estimate
therefore provides for a
new lightning conductor
being put up in accordance
with the directions con-
tained in para 19 of
Mr. Douglass report which
are as follows. —

A new copper conductor
1 3/4" half round be placed

along the inner surface of the column & to be fastened with wooden blocks placed 3 ft apart. The conductor be fastened to the iron pedestal of the lantern at the upper end. The lower end be connected to a copper plate buried in a pit 15 ft from the tower & 10 ft deep surrounded by a layer of charcoal 12" deep.

Please see the sketch plan of lighthouse accompaning the estimate.

The estimate provides annas 12 & 14 per the for copper rod & copper plate respectively against to 0.6.2 per the for the former & to 0.5.7 per the for the latter. ^{the P. M. Workshop rates vide given in page 27, item 2 & 3 in the revised schedule of rates of P. M. Workshops recently printed, which is put up for reference.}

The other rates cannot be checked as they are entered as "each & lump sum" but they seem fair.

The estimate has been countersigned by the Presidency Port Officer & approved in the Marine Dept.

Stt.
30.7.91.

Includes soldering
screwing &
rates fair

PROCEEDINGS OF THE MADRAS GOVERNMENT.

PUBLIC WORKS DEPARTMENT.

23/11

READ the following

From the Presidency Port Officer, Madras,
No 690 S. of 16th July 1891.
275
Encasement in the Marine Dept., dated
23rd July 1891.

The estimate is returned to the Subly Engineer IV Circle, for sanction.

2. A sum of Rs 759, as shown below, is allotted for the work from the reserve with the Govt. under included Local, Port funds.

Wages	610
Establishment	140
Tools & Plant	9

Rs 759

S. E. IV Circle
with 4 enclos
Financial Dept

23/8/91
260

Cr
May

Am

7 ~~the~~ range

15 May

to 20.73. 100/12. 100/12

(4)

1901/13/10.

9/12/8.

Oct 28. vii

Nov 7. vii
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