(1) பக்கங்களின் எண்ணிக்கை 8

(2) புதுக்கித் திருப்பிய நாள் 10.90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(2)

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 2327

அச்சகம்
பலவகை

நாள் : 1-9-1891 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

4 Sheets

ஆவண. கா-I—18,000—15-6-87.

No. 690
294 G

PRESIDENCY PORT OFFICE,

Madras, 4 August 1891.

Heading.

Muttum Lighthouse

From

THE PRESIDENCY PORT OFFICER,

MADRAS,

2327/1

To

THE CHIEF SECRETARY TO GOVERNMENT,

MARINE DEPARTMENT,

FORT ST. GEORGE.

SIR,

* On Parchet. Post

I have the honor to forward for sanction and allotment of funds the accompanying estimate amounting to Rupees (859) eight hundred and fifty nine, for providing cast iron gratings for the Lighthouse at Muttum and for improving and replacing the lightning conductor -

* 1 Estimate
1 Report
2 Plans.

To be distributed afterwards.

The amount can be met from the — Tinnevelly District Port Fund -

I have the honor to be,

Sir,

Your Obedient Servant,

Maurice Dease.

Captain H. M's. I. M.

Offg: Presidency Port Officer -

2367
2

Marine (189 /) Department.

From

The Presidency Port Officer,

Madras,

To

The Chief Secy. to Government,

Marine Department,

Fort St. George.

No. 690/294

Dated 4 August 189

Received

No.

RECORD BRANCH
GOVERNMENT
15 AUG 91

Subject.

Forwarding, for sanction, estimate amounting to Rupees 859 for providing cast iron gratings for Muttom Lighthouse

Ent.

M.S. Staff

Approved and transferred to the Public works Department.

Indistinct
Chief Secretary

F.B.
6/8
Ootacamund
11th August 1891

No. 2327 dt. 27.8.91

Ft. St. Geo. No. 314 w dt. 3.2.91
" " 1361 w dt. 19.5.91
Marine No. 3017 C dt. 22.6.91

27.8.91

Public Works Department.

Current No. 8653

Letter No.

Dated 6th August 1891

From the Marine Dept.

Sanction
Copy

Technical Note.

Fg. 859

Renewing Lightning Conductors fd. to the Light-house at Muttam Timinelly District

Amount of Estimate Rs. 859

The accompanying estimate is prepared with reference to G.O. No. 1361 W dated 19th May 1891 and it provides for replacing the existing lightning conductors which are of copper rope of 16 strands by copper tape 1"x⅛" owing to the former not being in a satisfactory state as pointed out by the S.E. VII Circle, vide G.O., under reference.

The original proposal was to provide 1¾" half round copper rod but this had to be altered to copper tape of the section 1"x⅛" as the half round rods will necessitate a large number of joints which will be difficult to get done at Muttam. The copper tape

tapes now postponed will be kept in position by copper nails fastened in masonry, 9" in length, made up as per plan, of 2 feet × 1" × 3/16" copper tape bent, an earth tape of 1" × 1/8" will be laid in the N.W. direction of the light house some 350 feet from the building. This tape to be led into a well 11 or 12 feet in depth and filled with coke &c.

Provision is also made in the estimate for cast iron gratings, as per plan forwarded, as per remarks of the Lantern in wooden planks but as suggested by Mr. Douglass in paras 13 & 14 of his note underneath in G.O. No. 314 W. dt. 3-2-91 it is proposed to have cast iron open gratings to admit free ventilation to the lantern. The gratings will be 3/4" thick and perforated with 2" × 2" holes. The required number is 8 but provision is made in the estimate for 11, leaving 3 surplus. It is proposed for breakage &c.

The rates seem fair and the Estimate provides for "Establishments" Tools & Plant charges calculated at 24½ p.c. which amounts to Rs 159.

Estimate has been the countersignature of the Presidency Port Officer and approved in the Marine Dept.

14.VIII.91

PUBLIC WORKS DEPARTMENT.

D

PROCEEDINGS OF THE MADRAS GOVERNMENT.

No. 2327/4

READ the following

From the Presidency Port officer, Madras,
No. 690/294 G. dt 4th August 1891.
Endn in the Marine Dept. dt 11th Aug 1891.

The estimate
is returned to the Supg
Engineer VI Circle for
sanction.

2. The Financial
Department will be
requested to place the
necessary funds, as
shown below, at the
disposal of the P.W. Dept.

Works — Rs 690
Establishment — " 159
Tools and Plant — " 10

Rs 859.

S. E. VI Circle
with 7 enclosures.
Financial Dept.

Cal' 21.8.91 24 Aug

Maj

(4)