

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

Memo. by Chief Engineer, Public Works Department, dated 9th July 1885, No. 1174 C.					
From the Superintending Engineer,	I Circle,	dated	3rd December	do.	334 G.L.
Do.	do.	I	do.	24th do.	do. 195 V.Z.
Do.	do.	II	do.	30th October	do. 257 G.L.
Do.	do.	III	do.	6th August	do. 988.
Do.	do.	IV	do.	7th September	do. 371 E.W.
Do.	do.	V	do.	20th October	do. 3110.
Do.	do.	VI	do.	19th September	do. 984 T.J.
Do.	Consulting Architect to Govt.,	dated	1st do.	do.	819.
Do.	do.	do.	11th November	do.	1166.

ORDER—dated 6th February 1886, No. 324 W., Public Works.

In July 1885 Superintending Engineers and the Consulting Architect were requested to submit a list of all public buildings in their respective Circles which were supposed to be protected by lightning conductors, and to report, with respect to each building, whether the recommendations of the Lightning Rod Conference and the provisions of the Code of Instructions on the subject had been fully met; if not, in what respects the protection was deficient. Superintending Engineers were further asked to name any public buildings within their Circles which they considered should be provided with efficient conductors.

2. Replies have now been received from all the officers addressed, and the lists of buildings submitted show that a large number are at present without protection, whilst others are but imperfectly protected. To remedy these defects in all cases

would involve so large an expenditure as to be prohibitive; besides which, many of the buildings named are not of sufficient importance to require protection. The Government therefore desire that attention be first given only to buildings of the nature referred to in paragraph 1174* of the Public Works Code.

3. In this view the undermentioned buildings have been selected from the lists, and Superintending Engineers will submit at an early date estimates for providing lightning conductors for such of the buildings mentioned as have not got them, and for altering those already provided, in order to bring them into accordance with the provisions of the Code of Instructions.

I CIRCLE.

- * (1) Powder magazine, Sámalkót.
- * (2) Hope island light-house.
- * (3) Vakalapudi light-house.
- (4) Central tower of the Rajahmundry jail.
- (5) Chimney at the Dowlaishweram workshops.

- * (6) Powder magazine, Vizagapatam.
- * (7) Four powder magazines used by 16th Regiment, M.I., Vizagapatam.
- * (8) Santapilly light-house.
- * (9) Powder magazine, Parlakimedi.
- * (10) Powder magazine, Russellkonda.
- * (11) Powder magazine, Chatrapur.

II CIRCLE.

- (1) Christ church, Nellore.

IV CIRCLE.

- * (1) Lawrence Asylum (female branch), Lovedale.
- (2) Combined post and telegraph office, Ootacamund.
- (3) Government offices and Council Chamber, Ootacamund.
- (4) Government House, Ootacamund.
- * (5) Powder magazine, Ootacamund.
- * (6) Police powder magazine, Coimbatore.
- * (7) Powder magazine, Malapuram.
- * (8) Powder magazine, Quilon.

V CIRCLE.

- * (1) Government House, Guindy.
- * (2) Police powder magazine, Manjakuppam.
- * (3) Powder magazine, Vellore.

VI CIRCLE.

- (1) District court-house, Tanjore.

CONSULTING ARCHITECT'S DIVISION.

- * (1) Combined post and telegraph office.
- * (2) Senate House.
- * (3) Observatory.

NOTE.—Buildings marked with an *asterisk* are stated to be already provided with lightning conductors either use-
less or not in accordance with the Code of Instructions.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
„ Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of {1886} Madras.
PUBLIC WORKS.

Dated February, 6th.

Recd.

Encl.

G.O., 6th Feb. 1886, No. 324 W.

FEBRUARY.

Lightning Conductors

Orders on letters from Superintending Engineers submitting lists of public buildings protected by — and of those unprotected.

[Signature]
18/2/86

For by means of
Copper wires and
4 stout telegraph
wires. The conductor
is to project 3 feet
above the staff
so that it will be
28 feet above roof
level and will be
attached to the

nearest water main
by a strip of copper
folded as with.

The rates as given
as can be checked
are fair. Estimate
at 25 per cent is printed
in the Estimate.

The Estimate has
been examined
by Mr. Inspector General
of Jails and approved
by Govt. in the provincial
letter to the P. & M. Secy.

N.B. The wire according
to Appendix A to
Standard Specifications
should only be of
 $\frac{3}{8}$ " diameter.

[Signature]
7/4

Public Works Department.

Current No.

3/77

Letter No.

800

Dated

31 March 1888

From the

Secy. to Govt. Judicial

Sanction. Works Dept.

NOTE OF REMARKS.

The Estimate under
view amounting
to Rs 360 provided
for constructing
a lightning con-
ductor to the
Central tower
of the Rajahmundry
Jail.

The arrangement
proposed is to have
a conducting rod
of Copper $\frac{1}{2}$ " in dia.
which is to be attached
to a staff 25 feet
high stayed on
to the roof of the

[25]



Judicial Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper

From the Inspector General of jails, Madras, dated
13th March 1888, No 128.

With plan and
specification.

vide G.O. No 324 to
dated 6th February 1886

G.O. No: 1168, dated
2nd November 1887.
Financial.

I have the honor to forward
for the approval and sanction of Government the
accompanying estimate for Rs 360 for providing
a lightning conductor to the Central Tower of the
Rajahmundry Central jail. As the work is one
requiring professional supervision, I request that
the Superintending Engineer of the 1st circle be
instructed to carry it out, and that the sum of
Rs 360 may be formally placed at his disposal
from the allotment assigned to this Department
under "Petty Construction and repairs" for the
next official year.

Order thereon 31st March 1888 No 800

Sanctioned. The Public works Department
will be requested to carry out the work, the necessary
funds being placed at their disposal.

(True Extract)

H. Nicholas
Chief Secretary

The Inspector General of jails.
Accountant General.
Public Works Department. (with 4 enclos.)

6-9-88

324 W. 6-2-88.

No 1136 W. of 16 April 1888

Communicated -
Communicated to the S.E. I Circle who to the S.E. I Circle who will arrange for the early execution of the work.

2 The amount placed at the disposal of this Dept will be treated as an addition to the P.W. Grant under Provincial for 1888-89.

Wm
9.4.88

John 10/4/88 D 10/4

2. S.E. I Circle with 3 Encls.
Encls
Encl Dept

1254
1136 W. of 16 April 1888
9-4-88

[6] P.W.D. 31
Govt. of 1881 Madras.

To
The P.W.D.

By S. H. 88
Proceedings, dated 31 March 1888.
No. 800

No 1136 W. Subject. 16 April 88
Sanctioning the construction of lightning conductor to the Central tower of the Rajahmundry Central Jail

Wm

with order