

Number of Pages. 26

Date of Repair. 2-5-88

Initial of Referee. Lm

P. W. Department

G.O. NO 3318

Dated 5-12-1887

A.H.

5TH DECEMBER 1887, No. 3318 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following letter from N. R. POGSON, Esq., C.R.E., Government Astronomer,
to the Chief Secretary to Government, dated Madras, 24th June 1887.

With reference to G.O., No. 486, Public Department, dated 4th April 1887, respecting the erection of a third electrical clock, under continuous control of the normal mean time regulator at the Observatory, I have the honor to report that a plan and estimate for the same were forwarded for my approval, by the Consulting Architect to the Government of Madras, on 26th April, to which I have no objection to offer; but that I must most decidedly protest against the erection of any public clock in Madras, for the regulation of which I am to be held responsible, facing southward.

2. Throughout the greater part of the year, *i.e.*, from the middle of February to the beginning of October, the prevalent winds are from the south or south-west, and especially during the first four months of that period, when there is little and often no rain, the sand and red dust would be blown straight against the clock face so as to defy all possibility of keeping the works in going condition. The sun would also shine full upon the face for so many hours daily that, unless it were so sheltered as to be almost obscured from view, the oil would inevitably dry up and the clock would be always stopping and out of order. I am sure Messrs. P. Orr and Sons would not care to undertake the cleaning or repairs of a clock so exposed, well knowing the inevitable dissatisfaction it would give rise to. If placed facing northward, however, it would suffer comparatively little from dust, the winds blowing from a northerly direction only during the rainy cool season, and it might easily be shaded from sunshine, which would scarcely affect it throughout the year.

3. I therefore request that, whatever site may be selected, the clock may face the north. The arch at the northern end of the Public Works office would render it as conspicuous as so small a clock, with only a 32-inch dial, can be, from the South Beach, the Revenue Board office, and the Senate House. I should have no objection to the north side of the Senate House, though it would be a less useful position than the one already suggested.

Transferred to the Public Works Department, with reference to G.O., dated 8th March 1887, No. 720 W.

(By Order.)

OOTACAMUND,
2nd July 1887.

(Signed) W. S. MEYER,
Ag. Assistant Secretary, Pub. Dept.

ORDER—dated 5th December 1887, No. 3318 W., Public Works.

The Government approve of the third electric clock being erected on the north face of the Public Works offices at Chepāk as recommended by the Government Astronomer. The Consulting Architect will prepare a plan and estimate for the work.

(True Extract.)

Captain, R.E.,
Under Secy. to Govt., P.W.D.

To the Consulting Architect to Government.
Public Department.

Per J. Moses.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1887) Madras
PUBLIC WORKS.

Dated December, 5th.

Recd.

Encl.

G.O., 5th Dec 1887, No. 3318 W.

DECEMBER.

Electric Clock.

Erection of the third — on the north face
of the Public Works offices at Chépák,
approved, and the Consulting Architect to
prepare a plan and estimate for the work.

Public Works Dept

No 3318 W dated 5 Dec 1887

Letter from the Govt Astronomer No. 3318 W
with Encl. thereon in the Public Dept No. 2694 d/2 p. 1887

The Government
approves of the third Electric
Clock being erected on the
north face of the Public
Works office at Chépák,
as recommended by the
Govt. Astronomer. The
Consulting Architect will
prepare a plan and
estimate for the work.

Ja
22/12/87

Wes
11/12

25/12

The Con. Architect to Govt
Public Dept
(Chief Secy for fav of
Consultants)

From

N. H. Pigson, Esq., C.E.

Government Astronomer.

To

The Honorable H. E. Stokes

Chief Secretary to the Government of Madras

Sir,

With reference to G. O. No. 106, Public Department, 21st April, 1887, respecting the erection of a third electrical clock, under continuous control of the normal mean time regulator at the Observatory, I have the honor to report that a plan and estimate for the same were forwarded for my approval, by the Consulting Architect to the Government of Madras, on 21st April, to which I have no objection to offer; but that I must most decidedly protest against the erection of any public clock in Madras, for the regulation of which I am to be held responsible, facing southward.

Throughout the greater part of the year, i.e., from the middle of February to the beginning of October, the prevalent winds are from the South or S.W. and especially during the first four months of that period, when there is little and often no rain, the sand and red dust would be blown straight against the clock face, so as to defy all possibility of keeping the works in going condition. The sun would also shine full upon the face for so many hours daily, that unless it were so sheltered as to be almost obscured from view, the oil would inevitably dry up and the clock would be always stopping and out of order. I am sure Messrs. P. & Sons would not care to undertake the cleaning or repairs of a clock so exposed, well knowing the inevitable dissatisfaction it would give rise to. If placed facing northward however, it would suffer comparatively little from dust, the winds blowing chiefly from a northerly direction only during the rainy cool season, and it might easily be shaded from sunshine, which would scarcely affect it throughout the year.

I therefore request that, whatever site may be selected, the clock may face the north. The arch at the northern end of the Public Works Office would render it as conspicuous as to small

a clock, with only a 32 inch dial, can be, from the South Beach, the
Revenue Board Office and the Senate House. I should have no
objection to the north side of the Senate House, though it would be
a less useful position than the one already suggested.

I have the honor to be

Sir,

Your most obedient servant

H. R. Chubb

Government Astronomer

3318
✓

4/4/07 No. 180 Mis
21/4/07 No. 588

No. 1924 C d/8-6-8)
9.0.720 W. 8-2-8)
No. 2905 C - 29-8-07
9.0.324 W. 6-2-86

Public

CURRENT NO.

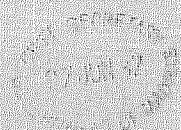
From

The Government Astronomer.

To

The Chief Secretary to the
Government of Madras

Madras Observatory. 1007 June 26.



Chepauk Electrical clock

Approving of the plan furnished
by the Civil Architect but urging
the necessity of the clock facing
northward instead of southward
as ordered.

Transferred

Referred to the Public
Works Dept. with reference to
No. 85 which No. 720 W.
(By order)

W. S. S. S. S.
By order Secretary

enc 2-12-87 R

2. 10. 0.

C. 10. 5297
33/5
It has been decided that
the clock shall be
in face of the P.W. office
as suggested by Mr. P. J. S.
C. A. shall be asked to submit
plan of site for putting it
up.
Jm
21/6/07

4/6/87 26480 Mis
24/4/97 26480

Public CURRENT NO.

(D. 20)

Public Aug 26 94

33/8
8

Low

~~15/5~~

For return.

Cur

47/9

Amount paid to the bank

on 11/11/94

for

5045 11/94

MEASUREMENTS

Plan and Elevation showing lightning conductor



Terrace plan

Existing lightning conductor shown in blue

33/8/2

33/8/2



Front Elevation

Scale 1/4 inch



W. M. M. M.

Consulting

5 Dec 33/8 W

Electric clock

=

Creation of the time
— on, the north
face of the R.W.
Offices at the park
approved, & the
Eng Architect to
prepare a plan &
set for the work.

W. H. H. H.