(1) பக்கங்களின் எண்ணிக்கை 14
(2) புதுக்கித் திருப்பிய நாள் 10-3-89
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுபணித் துறை

அரசாணை எண். — 34(W) அச்சகம் பலவகை
மு. கோப்புத் தாள் எண்.

நாள் : 7-1-1890 ~~198~~ .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

[illegible]

ஆவண, கா-1—18,000—15-6-87.

7TH JANUARY 1890, No. 34 W., PUBLIC WORKS.

34/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From N. R. POGSON, Esq., C.I.E., Government Astronomer, to the Chief Secretary to Government, dated Madras, 9th December 1889.

Herewith, I have the honor to submit, in duplicate, an estimate for necessary repairs of the Government Observatory, amounting to Rs. 2,772, together with an accompanying report by H. Irwin, Esq., C.I.E., the Consulting Architect to Government. The repairs have been much needed for some years past, but were deferred, as the transit circle could not then be spared without serious inconvenience. This fine instrument, which cost, I believe, about £ 1,200, was under the very beams, the collapse of which was most imminent; so after Mr Irwin's warning I lost no time in dismounting and removing the transit circle on a strong temporary wooden roller stand to a more secure part of the observatory, pending the repairs of the transit circle room. The telescope cones, bearing the eyepiece and objective, the counterpoises, clamps, microscopes, &c., were all taken off on November 16th, assisted by workmen from Messrs. P. Orr & Sons; and in consequence of the risk in case of heavy rain, the remainder of the instrument, weighing about 400 lb., was carefully removed bodily on Sunday, November 17th, and the building placed at the Consulting Architect's disposal for whatever emergent precautions in the way of propping and otherwise securing the roof he might consider necessary.

2. During the repairs of the transit room the Madras mean time has to be determined by means of a small transit instrument by Dollond, formerly in use between 1858 and 1862, but with which the time is less certain within half a second than it is within half-a-tenth of a second with the transit circle. The early completion of the repairs is most desirable and advantage will be taken meanwhile for thorough cleaning up of the large instrument on the spot under my own immediate superintendence with such help as I can obtain from Messrs. P. Orr & Sons.

Approved and transferred to the Public Works Department.

14th December 1889. (Signed) W. S. MEYER,
Ag. Under-Secretary.

ORDER—dated 7th January 1890, No. 34 W., Public Works.

The estimate, amounting to Rs. 2,772, for repairs to the Madras Observatory is sanctioned.

2. A sum of Rs. 2,772 is allotted for the work from the Provincial reserve with the Government.

The Consulting Architect should make arrangements for the execution of the work with the least possible delay.

3. This sanction has been registered as Provincial No. 98 W. of 1889-90 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Consulting Architect to Government, with two enclosures.
" Examiner, Public Works Accounts, with the duplicate abstract estimate.
" Public Department.

Exd. A. D. Xavier.
Spare Copies.

34/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated January, 7th.

Recd. Encl.

G.O., 7th Jan. 1890, No. 34 W.

JANUARY.

Madras Observatory

Estimate for repairs to the —, sanctioned.

11P

5/2

Madras Observatory,
1889 December 9

From
N. R. Pogson, Esq., C.I.E.
Government Astronomer.

To
The Hon. J. F. Price
Chief Secretary to Government, Madras

Sir,

Herewith I have the honor to submit, in duplicate, an estimate for necessary repairs of the Government Observatory, amounting to Rs 2772, together with an accompanying report by H. Irwin Esq C.I.E., the Consulting Architect to Government. The repairs have been much needed for some years past, but were deferred, as the Transit Circle could not then be spared without serious inconvenience. This fine instrument, which cost I believe about £1200, was under the very beams, the collapse of which was most imminent; so after Mr Irwin's warning I lost no time in dismounting and removing the Transit Circle, on a strong temporary wooden roller stand, to a more secure part of the Observatory, pending the repair of the ~~regular~~ Transit Circle room. The telescope cones, bearing the eyepiece and objective; the counterpoises, clamps, microscopes &c were all taken off on November 16th, assisted by workman from Messrs P. Orr & Sons, and in consequence of the risk in case of heavy rain, the remainder of the instrument, weighing about 400 lbs, was carefully removed bodily, on Sunday November 17th, and the building placed at the Consulting Architect's disposal for whatever emergent precautions in the way of propping and otherwise securing the roof he might consider necessary.—

2 During the repairs of the Transit Room the Madras mean time has to be determined by means of a small transit instrument by Dollond, formerly in use between 1858 and 1862, but with which the time is less certain within half a second than it is within half a tenth of a second with the Transit Circle. The early completion of the repairs is most desirable and advantage will be taken meanwhile for thorough cleaning up of the large instrument on the spot under my own immediate superintendence with such help as I can obtain from Messrs P. Orr & Sons.—

I have the honor to be
Sir
Your most Obedient Servant
N. R. Pogson
Government Astronomer

8/10/89 No 797

Pub

H.M.

2 P

PWC No 12047

Rec
14 Dec.

Approved and transferred to the Public Works dept.

L. S. Meyer
Ag: Under Secretary

From

The Government Astronomer

To

The Chief Secretary to Government
Madras

R 18.12.89

Madras Observatory. 1889 Dec 9th.—

Recd 10 Dec 89.
Encls: 2.

UNDER SECRETARY
10 DEC 89
PUBLIC & P.W. DEPTS

P. W. D. Repairs

Submitting an estimate for emergent repairs to the Madras Observatory, amounting to Rs 2772, as furnished by the Consulting Architect to Government.—

18-12-89

Transferred

M. W. 6-1-90. R. 7-1-90
C. 13/12
R. 14/12

Public Works Department.

34 W

Current No. 12047

Letter No. Nil

Dated 14th December 1889

From the Public Deptt.—

Sanction
19.12.89

B/

NOTE OF REMARKS.

The estimate under review amounting to Rs 2,772 provides for emergent repairs to the Observatory building at Madras.

The following is a summary of the work proposed to be carried out:—

(1) Removing the upper story over the office buildings which was constructed for photographic operations but no longer required.

(2) Dismantling and reconstructing the roof of the office room.

(3) Removing the Bengal terracing of the verandah & substituting Mangalore tiles with [illegible] required.

It is explained that the roof of the office building is in a very bad state and in imminent danger of falling in as the ends of all the timbers are decayed.

As far as can be checked the rates are fair. Lump sum provisions are made in the estimate.

The estimate has not been countersigned by the Govt. Astronomer but it has been submitted by that officer and is approved in the Public Department.—

18-12-89.

+ [illegible] work
[illegible]

3P

No 34 W

B & R
Civil Works

PUBLIC WORKS DEPARTMENT.

3/10

PROCEEDINGS OF THE MADRAS GOVERNMENT.

7th January 1890

READ the following

From the Government Astronomer dated 9th December 1889.

Endorsement in the Public Department dated 14th December 1889.

The estimate amounting to Rs 2,772 for repairs to the Madras Observatory is sanctioned.

2. A sum of Rs 2,772 is allotted for the work from the Provincial reserve with the Govt. The Consulting Architect should make arrangements for the execution of the work with the least possible delay.

3. This sanction has been registered as Provincial No 298 W of 1889-90 and classified as Civil Buildings, Original works.

No
7 Jan

MCR
21.12.89

23.12.89

To
The Cons. Archt to Govt with [illegible]
" Examr P. W. Accounts with the duplicate abstract estimate
" Public Department

[illegible]
7-1-90
7

15 may

34

57

Govt. of 18 Madras.

PUBLIC WORKS.

Date

Recd. Encl.

G.O. 7 Jan 1890 No. 34 W.

Madras Observatory

=

Est for repairs to the —, sanctioned

10/6

Ia/ 7/1/90