

- (1) பக்கங்களின் எண்ணிக்கை 3-5
(2) புதுக்கித் திருப்பிய நாள் _____
(3) ஆதாரக் குறிப்பவர் சுருக்கொப்பம் _____

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு.

பெருந்தி துறை

அரசாணை எண். 48
மு. கோப்புத் தாள் எண்.

அச்சகம்.
பலவகை

நாள் : 27-1-1890

1890.

மடிக்கவோ தண்டப்படி கையாளவோ கூடாது.

ஆவண. கா. 1-18,006-6-9-90.

ORDINARY, MS.

<i>Public</i>	DEPARTMENT.
G.O., DATED	<i>27-1-90</i>
No.	<i>48.</i>

When given for copying

[Despatch Abstract.]

*Comm. to the Govt.
Astronomer P. W. Deft
proceeding sanctioning
the Estimate for repairs
to the Madras Observatory*

188

123

READ AGAIN ORDER OF GOVERNMENT, DATED
1950. No. Miscellaneous.

ENCLOSURE.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT.

STATEMENT WITH DITTO

PAPERS NOT FILED UP, BRING MEANT FOR DESPATCH
IN ORIGINAL (not paged).

N.B.—

A = Copy in full.
B = Not to be copied.
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Q = Copy heading only.

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.)

W. B. B. B. B.

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.

Pub. C. No. 225

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1890) Madras.

PUBLIC WORKS.

Order 27th Jan 90. No. 48.

*Comm? to the Govt
Astronomer.*

JG 21/1

*J.B.
20/1/90.*

Dated January, 7th.

Recd. 10th Jan. 90

Encl. 65.c

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

JANUARY.



To the Govt Astronomer
26/1

Madras Observatory

Estimate for repairs to the —, sanctioned.

6-0