

# Public (1895) Department.

ORDINARY MS.

G.O., No. 3/4

DATED 26<sup>th</sup> April 1895

**INDEXED.**

---

[Despatch Abstract.]

MICROMETERS AT THE MADRAS OBSERVATORY.

Authorizing the Government Astronomer to send the---to Messrs  
Fe Troughton and Simms for repair, and requesting Mr. Michie Smith to  
look after the proper execution of the work while on leave.

AS

# BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|------|-----|-------------|-------|
|      |     |             |       |      |     |             |       |

# FURTHER PAPERS.

| G.O. | No.  | Department. | Date. | G.O. | No. | Department. | Date. |
|------|------|-------------|-------|------|-----|-------------|-------|
|      | 3975 | .           | 1895  |      |     |             |       |

CURRENT NO. 7  
THE OBSERVATORY,

No 92

Madras, 22<sup>nd</sup> April 1895

FROM

THE GOVERNMENT ASTRONOMER,

Madras.

To

The Honble Mr. J. J. Price,

Chief Secretary to Government

SIR,

I have the honor to call your <sup>work</sup> attention  
to the following matter.

2. I have recently been engaged in  
mining the errors of graduation of the  
Circle and the variations in the results  
to suspect that the screws of the micrometer  
were defective. After a detailed examination  
of them I have found that this is the case  
that the errors are so serious that it is not  
to proceed with the work in hand. It must  
remembered that until the circle errors are  
terminated the Star Catalogue now in course of  
publication cannot be completed and a great  
the work of the Observatory for the last so  
will be rendered useless. The screws have

in use for 33 years and have probably been used at least 100,000 times so that it is not strange that they have begun to wear.

3. The only satisfactory plan will be to have new screws fitted to the microscopes and this cannot be done in this country. I would propose then that I be authorized to send them to the makers, Messrs. Troughton and Simms, at once for repairs. If done now comparatively little time will be lost since the work would in any case be at a standstill during my absence on leave.

4. I am unable to state what the cost of the renewal of the screws will be, but I think it will be less than £10 per microscope or £60 in all. This cost could be met without any addition to the budget for the year by transferring from the head of "Printing at other Presses" part of what will be saved by the cessation of printing during my absence.

5. The matter is one of very great importance, as it involves the accuracy of the final results of the whole of the "Madras Meridian <sup>Circle</sup> Observations".

I have the honor to be,  
Sir,  
Your most Obedient Servant,

Charles Smith  
Govt. Astronomer.

CU  
Urgent

Financial Department.

From

The Govt. Astronomer  
Madras.

No. 72

Dated 22<sup>nd</sup> April 1895.

Recd. 23  
By 24

CHIEF SECRETARY  
23. APR. 1895  
GOVERNMENT OF MADRAS

Proposing that he be authorized  
to send the micrometers of the  
Meridian Circle to Messrs. Troughton  
Simms for repairs.

H.M.

Order 26 April 1895

No. 314 25/4/95

Sanctioned as

requested in para. 3.  
Mr. Michie Smith will perhaps be able  
to send the work himself while on  
leave.  
24/4/95

Note.

on acct. of the urgency  
and technicality of the  
work it is proposed to  
disperse with the Agency  
of the India Store Dept  
as a special case.

J.B.  
24/4/95

I am not sure that Govt. can do  
this. The case is as far as I  
am aware unique. Sending to  
the India Store Dept. is sure to  
lead to delay and the makers are

To the Govt. Astronomer  
State Govt. Dept.

certain to take more trouble  
with the Govt. than others  
would do  
24/4/95

When given for copying  
When copied  
When examined  
When signed

189

READ AGAIN G.O., No.  
189

DATED

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH RITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH  
IN ORIGINAL.

N.B.---

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

WITH ORDER