

Public (1897) Department.

ORDINARY MS.

G.O., No. 82-83

DATED 27-1-97

[Despatch Abstract.]

Forwarding to the Govt of India the specifications of certain instruments required for the Solar Physics Observatory at Kodaikanal, ~~and~~ ^{the Govt of Madras} ~~requesting~~ ^{requesting} the explanation for having addressed that Govt direct, and permitting him to forward the instrument which is to be re-mounted to Sir Howard Grubb so that it may reach him in time

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
C	650	Pub	1897 =				
	256	256	10-3-97				
C	1277	697					

Public (1897) Department.

CURRENT No. 118

From
The foot Astronomer,
Madras.

Order

No. 10

Dated 7th January 1897

Received } 8-1-97
Registered }

Enclosures -

Spare copies -

SUBJECT.

Giving his explanation for
having sent a letter
direct to the Secy to the
Govt of India R & A Dept
re the instruments
sanctioned for the Solar
Physics Observatory at
Kodai Kanal.

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

40128 82-83 Vol 8 27/1/97

THE OBSERVATORY,
NUNGUMBAKUM,

Madras, 7 January 1897.

No. 10

FROM

THE GOVERNMENT ASTRONOMER,

Madras.

TO

The Hon'ble Mr. J. F. Price,
Chief Secretary to Government

SIR,

With reference to G.O. No. 1356, dated 30 December 1896, para 1, I have the honor to state that I regret the irregularity of my action, which was due to my supposing that the Secretary to the Govt of India R. and A. Department knew better than I did - what was the correct form of procedure in the matter. I had discussed the matter personally with Mr. Eliot, Meteorological Reporter to the Govt of India and after he had seen the Secretary he wrote me as follows.

"With respect to early supply of some of the instruments needed for Kodakkanaal and which you wish to use for eclipse work [Mr. Ibbetson] suggests you should write direct to Revenue and Agriculture Department or through me (whichever you choose) and state

it you require - and they will
write at once to the Secretary of State
Revenue and Agriculture Department -
indented for the instruments and not -
Madras - and hence he thinks it best
for you to come up at once to head quarters
on this matter."

2. I trust this explanation will be found
to be satisfactory.

I have the honor to be,

Sir,

your most obedient servant,

C. Nichol Smith
Govt. Astronomer.

Public (1897) Department.

CURRENT No. 139

CHIEF SECRETARY
From 11. JAN. 1897
RECEIVED
Secy. for Astronomer.
Madras

Order

No. //

Dated 9 January 1897?

Received } 11 - do -
Registered }

Enclosures None.

Spare copies —

SUBJECT.

Forwarding the specifications
of the apparatus for the Kodai-
kanal Observatory.

G.O.	No.	Department.	Date.
	1356	Pub	30-12-9

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Specification

Apparatus for the Kodalkanal Observ.

I. The Remounting of the Lerebour and Secchi Equatorial. The 6-inch Lerebour and Secchi equatorial of the Madras Observatory is to be remounted as a twin telescope with the 6-inch Grubb photographic lens of the Observatory. The mounting to be of the "English" form and as much as possible of the existing ^{mounting} form to be used.

A new driving clock of Grubb's form with Russell's control for use in long exposures to be supplied.

The mounting will be carried on two stone piers so that no pillars are required. It must be strong and rigid enough to carry a small spectroscope weighing about 10 lb.

Estimate (rough) £75.

To be carried out by Sir Howard Grubb.

II. Chronometer.

A sidereal time chronometer by Kullberg. If it will not add greatly to the cost this should be supplied with 1-second electrical contacts - emitting one second in each minute.

Estimate £50

III. Minor Apparatus.

a) Induction coil giving a 4-inch spark with two Leyden jars and a chromic acid battery to work it - L. Casella £18

Vacuum tubes for spectroscopic work —
giving the following pure gases.

Hydrogen (2) Oxygen (3) Nitrogen (4) Carbonic
(5) Helium (6) Argon; and stand for —
holding them — Casella, or Hilger. £ 2-10.

12 small incandescent lamps for illuminating
spectrometers &c

Hilger. 18/.

1) a Plane mirror 6 inch diameter on stand £ 1-10.

(this does not require a worked surface only a
selected piece of good plate glass)

2) a Heliotat of Dr. Johnston Stoney's pattern —
as made by Sir Howard Grubb.

Grubb £ 14.

All these instruments must be delivered
in Madras at the latest before the end of
November 1897 as they are required for the
eclipse in the following January.

Christie Smith
Govt Astronomer.

189
Dept
Encls. No 3
To
C. No 139

No. 11

THE OBSERVATORY

No. 9

Madras, 9 Jan

FROM

THE GOVERNMENT ASTRONOMER,
Madras.

TO

The Hon'ble Mr. J. F. Price,
Chief Secretary to Government

SIR,

With reference to para 2 of G.O. No. 1356, dated 30 December 1896 (Public), I have the honor to forward in triplicate the specifications referred to.

2. With reference to the first instrument in list, I have to request permission to forward the instrument which is to be remounted to Sir Howard Grubb so that it may reach him as soon as possible, as the time for doing the work is short.

I have the honor to be,
Sir,

Your most obedient servant,
Christie Smith
Govt Astronomer

Public (1897) Department.

CURRENT No. 261.

From The Under Sec^y to the Govt.
Dept. of Rev. & Agri.
(meteorology)

No. 1640

Dated 16th Jan^y.

Received 20th Jan^y.

Registered 22^d Jan^y.

Enclosures -

Spare copies -

SUBJECT.

Requesting an early reply to
his communication re: the
supply of instruments for the
Kodaikanal observatory.

ca

S.A.

BACK PAPERS

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

CURRENT No. 261.

No. 140

Department of Revenue and Agriculture.
[Meteorology]
Calcutta, the 16th January 1897.

To The Secy to the Govt. of Madras

SIR,

I AM directed to invite attention
to the communication marginally noted, *
and to request the favour of an early reply

Subject.

*Reply of instruments
in the Kodak and Observatory* thereto.

I have the honour to be,

SIR,

Your most obedient Servant,

F. S. M.

Under-Secretary to the Govt. of India.

2899
* No. 22-0, dated 12 Dec 1896
subsequent reminder No.
dated

Publ. 1255 30-12-96

R. & A. Regr. No. 7.

G. I. C. P. O.-No. 566 R. & A.-27-11-24-400.

Papers to be read in proceedings :—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

Current No. 118 of 1897, dated 7.1, from The post Astronomer
" " 139 " 1897, " 9.1, " "
" " " 189 , " , "

ORDER.

N^o 8227-1-97

The specifications will be forwarded to the post of India.

2 The Explanation submitted by the post Astronomer in the former of his letters read above will be accepted, and the proposal in para 2 of the latter approved. He will be authorized to take the necessary action at once. The post of India will be informed accordingly for orders

3.5.13.
25/1/97.

25.1.97

(Here enter letter no. &
— dt 27th Aug 97)

Genl Astronomer (P)
Copy to the Secy to Govt.

~~Handwritten signature and text~~

Cs Nos 118 and 139

2. H. E. THE GOVERNOR.

1. THE HON'BLE MR. BLISS, C.I.E.

~~THE HON'BLE MR. GROSE, C.I.E.~~

SUBJECT.

Instruments for the Solar
Physics Observatory at
Kodakamal in re the
Eclipse in January 1898

FOR ORDERS.

Attention is solicited to
Mr. Bliss's letter inf. 1356 Sub.
30. XI. 96.
It was then stated that, provided
the Govt approved of it, the Govt
of India had no objection to
Mr. Michie Smith's proposal to
obtain some of the instruments
sanctioned for the Solar Physics
Observatory at Kodakamal
in time for him to take part
in the Eclipse observations
in January 1898.

The following draft
is submitted for approval.

Order
mis

The specifications will
be forwarded to the Govt
of India.

2. The explanation
submitted

*40. 398 Subd/20. III. 96

Transmit over the page

BS

20/1/97

vide
separate
order

submitted by the Govt
Astronomer in regard
to his addressing the
Govt of India direct will
be accepted and that
Govt informed of the
circumstances.

Govt Astronomer,
Letter to No 83.

The Secy to the Govt of India
Dept of the Home
(with specifications)

Sir,

With reference to Mr. Shy's
letter N^o 2899 of the 12th ultimo
I am directed to forward
(in duplicate) the specifications
alluded to in para 3 thereof
with an expression of the
concurrence of this Govt
in the arrangement sug-
gested by the Govt Astronomer.
That officer has
requested per-
mission to forward the
first instrument mentioned
in the list direct
to Mr. Howard
for remounting so
that it may reach him as
soon as possible. He is

Mr. W. A. may as well
be told that this is the
best of the specimens
of the barometer and
Equatorial

2. Adverting to the request
preferred in para 2 of
the letter under reply
that the irregularity of
addressing the Govt of
India direct might be
pointed out to Mr. Michie
Smith, I am directed
to state that he explained
that he discussed the
matter personally with
Mr. Eliot, the Meteorologic
Reporter to the Govt of
India, who after having
seen you wrote to him
as follows:—

"With respect to early
supply of some of the instru-
ments needed for Kodai
Kanal and which you
wish to use for eclipse
work he (Mr. Ibbetson)
suggests you should write
direct to Rev. and Agri-
Dept or through me (which
ever you choose) and
state what you require
and they will write at
once to the Secy of State
..... Rev. and Agri-
Dept intended for the
instruments and not
Madras — and hence
he thinks it best
for you to come up."

at once to head-
quarters on this
matter.

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11.1.97.

12/1/92

19/1/97

11/97

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For copying

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1897

O., No.

DATED

URES TO C. No.

OF GOVERNMENT

ETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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

N.B.-

A = Copy in full.
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