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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2128-29	Press
~~B.P. No.~~		Mis.
Dated	26-7-1955	6875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
26th July 1875.*

No. 657 Read the following endorsement of the District Engineer, Presidency, dated Fort St. George, 12th July 1875, No. 1,610.—

From J. N. GRAINGER, Esq, General Superintendent of the Public Works Stores and Workshops, to Captain ROSS THOMPSON, R E, District Engineer, Presidency, dated Chepauk, 10th July 1875, No. 1,273.

With reference to G O, 21st June 1875, No 1,742, I have the honor to forward herewith copy of letter from Mr. Doderet, Mathematical Instrument Maker, reporting on the description of the circular dividing machine recently received from England for use in the Mathematical Workshop. I may mention that I shall be glad to receive any work that may be required to be done for the Mathematical Instrument Department at Calcutta, Bombay, and other Administrations.

From F DODERET, Esq, Mathematical Instrument Maker, Public Works Department, to J. N. GRAINGER, Esq, General Superintendent, Public Works Stores and Workshops, dated Chepauk, 8th July 1875

With reference to the points in G O, 21st June 1875, No. 1,742, referred to me for report, I have the honor to state that the circular dividing machine received from England is self-acting and will divide circles to 12 inches. It is a *fac simile* to the machine used by Messrs Troughton and Simms, only not so large. Its cost is £500.

2 As the machine has not yet been set up, no suitable building being available in Chepauk near the workshop, no information on the nature and value of the work done can now be given, but it is hoped that when the workshops are removed to the new buildings now under construction, and the machine is set up, a good account will be rendered of its working, which will not be confined only to redivision of theodolite circles, but will be applied to regraduating circles of prismatic compass rings, circumferencers, and ghat tracers, in fact for all dividing purposes. I have no doubt that as soon as the machine is at work, and it is generally known throughout India that instruments could be regraduated in the Madras Mathematical Instrument Workshop, that sufficient work will be forthcoming to pay in a very short time, not only the interest on the investment, but the cost of the machine itself.

Submitted to the Chief Engineer and Secretary to Government, Public Works Department, with reference to G O, No. 1,742, dated 21st June 1875

(Signed) ROSS THOMPSON, Captain, R E,
District Engineer, Presidency.

No. 658.

ORDER THEREON, 26th July 1875, No 2,123

ACCOUNT, No. 27.

ORDERED to be communicated to the Government of India.

(Here enter No. 2,129, dated 26th July 1875.)

(True Extract)

Major, R E,

Offg Joint Secretary to Government.

To the District Engineer, Presidency, with copy of letter to the Government of India.

Ed S T. Austin
Specie Copies

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 26th July 1875.

No 659.

No. 2,129.

FROM

MAJOR J. O HASTED, R E,
*Officiating Joint Secretary to the Government of Madras,
Public Works Department,*

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Department of Revenue, Agriculture and Commerce.

ACCOUNT, No. 28.

SIR,—I have the honor to acknowledge the receipt of your Under Secretary's letter, No 392, dated 5th June 1875, and

its enclosures, on the subject of the regraduation of instruments in the Mathematical Workshops attached to the workshops of the Public Works Department in this Presidency.

2. In reply I am directed to enclose the accompanying copy of G. O., No. 2,128, dated 26th July 1875, in which is printed a letter from Mr. Doderet, Mathematical Instrument Maker, affording the information asked for in paragraph 3 of the letter from the Surveyor General of India received with the letter under reply.

3. You will observe that the circular dividing machine received from England has not as yet been set up, and I am to mention that the new workshops now under erection in the old Mint premises, Royapoorum, will not probably be completed until the next official year, when the whole of the machinery and stores connected with the present (Chepauk) Workshops will be transferred to the new buildings.

4. The Superintendent General of Workshops will be directed to report specially when the dividing machine has been set in operation, and on receipt of his report a further communication shall be made to you on the subject.

I have the honor to be,

Sir,

Your most obedient servant,

Major, R.E.,
Offg Joint Secretary to Government.

Exd S T Austin
Spare Copies

Public Works Workshops
 Whoseanti 8th July 1878

The General Superintendent
 Public Works Offices and Workshops
 Sir,

With reference to the Memoirs of
 21st June 1878, at 1842, referred to in the
 report I have the honor to state that
 the Circular Dividing Machine received
 from England is satisfactory, and will
 divide Circles to 12 inches. It is a fine
 machine for the Machine used by Messrs
 Craythorn and Co. and is very strong.
 Its cost is £300.

As the Machine has not yet
 been set up, no suitable building being
 available in the premises near the Workshops,
 no information on the nature and
 value of the work done can now be
 given, but it is hoped that when
 the Workshops are removed to the new
 Buildings now under construction,
 and the Machine is set up, a good
 account will be rendered of its working,
 which will not be confined only to
 production of Circles to 12 inches, but
 will be applied to engraving Circles
 of Prismatic Conspicuous Circumference.

and Chat Chacris, in fact for all
dividing purposes. I have no doubt
that as soon as the machine is at
work, and it is generally true
throughout India, that instruments
could be regraduated in the Madras
Mathematical Instrument Workshop,
that sufficient work will be forthcoming
to pay in a very short time, not only
the interest on the investment but
the cost of the machine itself.

I have the honor to be
Sd/- J. H. Doderet.
Mathematical Instrument Maker
(True Copy)

J. H. Doderet
Jewell & Co. Workshop
A. H. D.

26-5-1875

26-5-1875

1273

PRESIDENCY WORKSHOPS, D. P. W.,
Chennai, Madras, 10 July 1875.

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS AND STORES,

To

The District Engineer
Presidency

By

With reference to P. O. 21st June 1875
I have the honor to forward herewith
copy of letter from Mr. Doderet, Math.
Instrument Maker, in which
the description of the Circular Dividing
Machine recently received from England
for use in the Mathematical Instrument
Shop. I may mention that I shall be
glad to receive any work that may be
required to be done for the Mathematical
Instrument Department at Calcutta, Bombay &
and other administrations.

I have the honor to be

Yours most obedient servant

J. H. Doderet
Genl. Supt. to the Workshops

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Department of Education

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accompanying copy of
G.O. No. , dated
in which is
printed a letter from
Mr. Doducty. Mathema-
tical Instrument Maker,
affording the information
asked for in para 3 of the
letter from the Surveyor
General of India, received
with the letter under reply.

You will observe
that the Circular Dividing
Machine, received from
England has not as yet
been set up, and I am
to mention that the new
Workshops now under
erection in the old Mint
premises Rajapooram
will not probably be
completed.

Completed until the next
official year, when the
whole of the Machinery
and Stores connected
with the present (Chopank)
Workshops, will be trans-
ferred to the new build-
ings.

The Superintendent
General Workshops will
be directed to report
specially when the Dividing
Machine has been set
in operation and on receipt
of his Report a further
communication shall
be made to you on the
subject.

Wm. 1877

o s c of G.O. No. 2128
6 s c of G.O. No. 2127
Dispd-9-8-75

Govt. of 1875 Madrid
PUBLIC WORKS.

Mr. Dr. Lopez
Residence

Mr. J. J. J. J.

Recd. Feb. 21 27
G. O. 2127

No. 57 65-8
65-1

on the description of the
at the Public Works

Regarding the
which is printed a letter from
the Royal Mathematical
Instrument maker, offering
the information asked for
the subject of the acquisition
of instruments in the
Mathematical Workshops
at Madrid.

Regarding the
in the Royal Mathematical
Workshops at Madrid.
Circular dividing the
Passing Orders in detail
from the Director of the
Mathematical Workshops
at Madrid.