

Revenue (1897) Department.

ROUTINE SERIES.

G.O., No. 2031

DATED 6.11.97

[Despatch Abstract.]

Recording Progs. of the Hind
Deptt. re: Mills' Industrial Lamps

BACK PAPERS.

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

FURTHER PAPERS.

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

Revenue (1897) Department.

CURRENT No. 403

From the Financial Dept.

Order R 2031. d/6.11.97

Recorded
6.11.97

No. 859

Office
make experiment
with Russian Petroleum
Lamp
6.11.97

Dated 13 - 10 - 97

Received

Registered

Enclosures 2

Spare copies

SUBJECT.

Directing that the report called for from the Public Works Dept. the 13th April 1897 on the superiority & economy of the new Industrial Lamp be based on the use of the oil known as "Russian Petroleum" & request the P.W.D. to intimate also its opinion on the suitability of the lamps for use in Dr. Office & the Economy which could be effected by their introduction

The original of No. 6 D.N. 558-7-97 was not forthcoming in the Record. Although a careful search was made. A copy has been made from the copy of the order sent to the P.W.D. & put up. The copy was never recorded. No search for the

5/11/97

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Note. With reference to Semi-official letter, dated 4th May 1876 from the Chief Secretary to Govt.

The lamps to which (I presume) the Hon. Mr. B. also alludes are known as the "industrial". Their peculiarity is that the ordinary glass chimney is replaced by a metal tubing under which is attached to a burner or a nozzle in the center.

2. These lamps can be obtained if any candle nozzles which may be required and I would suggest that a sample lamp may be obtained and tried in the Secretariat at Calcutta.

3. The illuminant is ordinary kerosene oil.

4. If desired I can make further inquiries and obtain a sample lamp. When ordering to be made the contractor should state that the lamps should burn Russian kerosene oil without smoking.

(Signed) C. C. L. L. L.,
Executive Engineer,
Bombay Division.

May 1876.

1821/2.

Done with reference to semi-official
Mem. dated 4 May 1876 from the
Chief Secretary to Govt.

I regret the long delay which
has occurred in replying to the note
of the 23 May, but it is due to
not being able to obtain any
information in India regarding
Industrial Corps. I was obliged to
therefore, to write to Mr. Douglas
Consulting Engineer to Trinity House
and have only just heard from
him.

2. In his letter he says "I
have looked at lamps for hang-
ing in public offices and find
that the one which you refer
to Industrial Lamp No. 1 is
very in the market. It has no
glass cylinder; the tube will,
even with careless handling,
last for 6 months and is readily
renewed. I send you full in-
formation written separately con-
sidering the lamp
is well to show requirements

and as giving excellent results
with Russian petroleum. The
candle power is not as high as
is represented, probably 50 candle
power is nearer the mark.

I can deliver the lamps
to you at, the above including,
inspection, packing, insurance
and freight for the prices in-
cluded in the list sent you.

3. This appears to be a fair
offer and it would be conside-
rable advantage to have the
lamps inspected by an expert
like Mr. Douglas before dispatch
to this country, and I would
suggest that a small number
(say 1 dozen) might be obtained
for trial from him in order
that there may be no doubt
about the quality.

4. So far as the bulk
of the order is concerned, the
Director of St. L. might be
asked to quote prices delivered
at the above for the sake of com-
parison.

5. You will observe that
No 1 in the list, according to
Mr.

x Best & Co's bulb oil.

Mr. Douglas gives about 50 candle
power and consumes about (20 up)
a fluid oz. per hour. One gallon
of oil will therefore last 20 hours
and the cost per hour will be
about 1/2 p. 100.

6. You will observe that
the lamp is said not to burn
in a wind. This is a great feature
of all central shaft lamps
and what is probably meant
is that it is not a good lamp
for the open air. There is a
lamp of this description in the
Engineer's office in the
Mach at the above, and it ap-
peared to me to burn a fine ab-
solute 1/2 p. 100.

Respectfully,
J. H. H. H.

Director of St. L.

St. Louis,
28 July 1875

1909
16/10/17



PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper:—

Read again G.O. N° 75, Ltr., dt 3rd February 1877.

Read also the following:

Officers' Note from the Revenue Department
G.O. N° 75, dt 3rd July 1877.

(Order: G.O. N° 75, dt 13th October 1877)

In continuation of G.O. N° 75, Financial,
dt 3rd February 1877 the Public, Revenue and Public
Works Departments and the Board of Revenue
(Land Revenue) will be supplied with a copy of
the notes dated 11th May 1876 and 23rd July 1876
by Mr. Ashpith in regard to Wells' Industrial
Lamp from which it will be seen that Russian
petroleum should be used with these lamps.
The report called for in the order quoted above
should be based on the use of the oil. The
Board of Revenue will be requested, in submitting
the above report, to intimate its opinion on the
suitability of the lamps for use in district
offices and the economy, if any, which could
be

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5004

affected in their introduction.

June 1897

St. Helena

the Government.

to Public Light

Revenue

Public Works

Board of Rev. (Land Rev.)

with copies of notes
by Mr. Aschpöhl.

128
16/10/97

Office note No 55
87 97

With reference to memo
of the 12th June 1897, the
undersigned has the honour
to state that the Well's
Industrial oil lamps
supplied to the Rev. Dept.
have been tried for about
three months and found
to be not superior to any
appreciable extent to those
ordinarily sold in the market,
such as, Ditmars. The
quantity of oil consumed
is given as detailed below.

Lamps	Quantity of oil consumed by each per hour (average of several hours in all)	No. of clerks who could conveniently work
1. Well's Industrial lamp	$\frac{1}{4}$ lb of a bottle	4
2. Ditmars Lamps	$\frac{5}{28}$ lbs of a bottle	4
3. Ordinary lamps (kerosene lanterns)	$\frac{1}{24}$ lb of a bottle	"

It is doubtful
whether any great saving
would be effected by their
introduction in Public offices

H/G. Stokes
by Secy. Genl.

[Faint handwritten Persian or Urdu script, likely bleed-through from the reverse side of the page.]

[illegible]

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

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