

Public Works (1898) Department.

G.O., No.

326 W

DATED

10 February 1898

[Despatch Abstract.]

Dredger for the Buckingham Canal : Letter to the
D.G. of Stores, India Office, stating, with remarks,
that all parts of the — were received in good condition
& fit together properly, but that the design is defective and
requesting that arrangements be made with the Temples
Transport Company for the provision of the copper elbow pipes
with spherical joints in place of certain flexible india rubber pipes.

of
10/2/98

BACK PAPERS.

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320	6-1-58	file					

FURTHER PAPERS.

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CN 3497	3498		15707 (1893)				

326 W 10.2.98 P. 55

To the Director Genl of Works
India Office

Sir,

In reply to your letter
No. S. 15781 dated 7. Dec
1897. I am directed to
state that all parts
of the Dredger sent
out for the Buckingham
Canal have been used
in good condition, and
fit together properly,
but that the design
is defective, as evidenced
by the following failures
which have occurred
since the machine
was brought into
use. -

The castings at
lower end of the falling
pile proved much too
light for their work

use of certain flexible
india-rubber pipes for
communicating the steam
pressure to the cylinder
of the grab, and stating
that since they constructed
the dredger, the Company
had abandoned the use
of india-rubber pipes
for the purpose, and
now provide copper elbow
pipes with spherical
joints. He added that
if any inconvenience had
been experienced by the
use of india-rubber
pipes, the Company would
be glad to supply new
ones of the kind referred
to above. With reference
to this point, I am to
state that the india-rubber
pipes perish very quickly
and have proved very
unsatisfactory, and
due to repairs that

for the provision of the
copper elbow pipes
mentioned in their previous
letter.

There is

H. H. H.
at 7.

any

and broke on first trial.
They had to be replaced
by heavier castings under
at hand.

The propellers were
much too light and soon
broke. They had to be
replaced by stronger ones.

The working chain
of the falling jib was
much too weak and
also soon broke, for-
tunately without other
damage. A heavier chain
was provided.

2. The following ex-
penditure was incurred
in repairing these damages:-

Replacing castings of
falling jib - Rs. 13-8-5
- do - propellers - " 100-0-0
- do - working chain - " 146-4-0

3. In a letter dated 17th
Sept. 1897. the Messrs
Tampabay Transporter Company
inquired whether any in-
convenience had been
experienced from the

Public Works (1898) Department.

CURRENT No. 690

Order

From The Chief Engineer

No. 3.W.

Dated 18. 1. 98

Received 26. 1. 98

Enclosures 2

Spare copies

SUBJECT.

Dredges - Forwards for
- formation copy of letter
from the S.E. II regarding
work of - and recommending
that the Director General
should be requested to arrange
with the Transporter. Transports
for the provision of copper elbow
pipes for the -

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32c	4.1.98 mle

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It is requested that in any further communication on this subject the under-mentioned letter and number be quoted, and the reply addressed to
 Director General of Stores,
 India Office,
 Whitehall,
 London, S.W.
 S. 15781.

India Office,

Whitehall,

London, S.W.

7th December 1897.

Sir,

With reference to my letter No. S.2685 of 22nd April 1897, forwarding a copy of the contract &c. for the dredger for the Buckingham Canal, I have the honour to enquire whether you can now furnish me with a certificate that all parts of the vessel and machinery have been received in good condition and fit together properly.

Payment of 10 per cent. of the amount of the contract is in abeyance pending the receipt of this certificate.

I have the honour to be, Sir,

Your obedient Servant,

J. Grant

Director General of Stores.

The Secretary to Government,
 Public Works Department,
 Madras.

CHIEF ENGINEER
FOR IRRIGATION.
6 - JAN. 1898
No. R5W

Public Works (1897) Department.

CURRENT No. 12718
650/98

CHIEF ENGINEER
FOR IRRIGATION.
6 - JAN. 1898
No. R5W

No 32C dated 4th January 1898. From The Director General of Stores India Office

Referred, with
advertisement to No. 1630 W
dated 29th May 1896, to the
Chief Engineer for Irrigation
for forward of early sale: Received
mission of the certificate Registered
asked for, if it can now Enclosures -
be given. Spare copies -

No. 15781

Dated 7-12-97
30-12-97

(My order)
S. M. M. M.
As. Under Secy. to Govt.

SUBJECT.

Dredger for the Buckingham Canal.
Enquiring whether a certificate
can now be furnished that all the
parts of the — & the machinery
connected therewith have been
received in good condition and
fit together properly as payment
of 10 per cent of the contract amount
is in abeyance

The Certificate to be
submitted in receipt of the
contracted to be in the
of 10 per cent of the contract amount
has been submitted.

650/98

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Letter from A. A. Moss Esquire General
Superintendent Public Works Workshops to the
Executive Engineer B.C. Division dated 27th Nov
1897 No. 19
B.C.

With reference to your No. 1552 of the
19th November 1897, I have the honour to inform
you that I do not think a spare grab is necessary
for the dredger.

2. The India rubber pipes referred to have
been found to perish very quickly and I have
already received an indent for 12 more. It
would certainly be better to provide copper elbow
pipes and as the India rubber pipes have proved
so very unsatisfactory, I consider that the makers
of the dredger ought to supply them free of cost.

3. The hull and machinery of the dredger
are satisfactory. The castings at the lower end of
the (a) falling jib proved much too light for their
work and broke on first trial. They had to be replaced
by heavier castings made here. (b) The propellers also

were much too light and soon broke. We have had to replace them with stronger ones.

4. The working chain (C) of the falling jib was much too weak and soon broke (fortunately without other damage) and has had to be replaced by a heavier chain.

No. 1749
23-12-97.

Copy forwarded to the Superintending Engineer II Circle with reference to his No. 248 B.C. dated 9th November 1897. The expenditure incurred on the following items as reported by the Superintendent P. W. Workshops is as follows: -

1. Repairing the falling jib - Rupees 13-8-5
2. Replacing the propellers - 100 - - -
3. Replacing the working chain - 146-4 - -

Sd/- J. Lalor Captain
for Executive Engr

B. C. Division

No. 1 B.C.
4-1-98.

Office of the Supg. Engineer
II Circle, Belwada. 4-1-98.

Forwarded to the Chief Engineer for

Irrigation with reference to G.O. No. 949 J dated 23rd October 1897.

Sd/- W. M. Ellis
Superintending Engineer
Second Circle

No. 3. W. Dated 18th January 1898

Copy forwarded to the As

Secretary to Government. P. W. D. for information with reference to endorsement No. 32 C, dated 4th January 1898, herewith returned.

2. It is recommended that the Director General of Stores be requested to arrange with the Temperley Transporter Company for the provision of the copper elbow pipes referred to in its letter printed in P. M. G. No. 949 J, dated 23rd October 1897. All parts of the machine have been received in good condition and fit together properly but the design is defective as evidenced by the failures noticed by the General Superintendent P. W. Workshops.

(By order)

J. Wilson
Assistant Chief Engr for Irr.