

Public Works (1898) Department.

G.O., No. 20992 &
21003
DATED 16 August '98

Bue Ringham Canal dredger [Despatch Abstract.]
Noting, with
interest, that the Dept of Works be informed
of the steps taken to fit locally made metal
pipes to the ——— and of the general working
of the dredger.

The D.S. of Works addressed.

[illegible]

With reference to your
letter No 239A S, dated 21st
April 1898, I am directed
to state that it has now
been reported that suitable
jointed metal pipes have

been made at the Madras
Public Works Workshops, and
fitted to the Buckingham Canal
Dredger in place of the flexible
india rubber pipes ^{originally} supplied
~~with the machine~~. The dredger
is working with these jointed
pipes, which are found to be
in every way satisfactory.
The cost of making the pipes
and fitting them was Rs 200,
which is considerably less
than the price, £ 31-10-0,
named by the Temperly Trans-
porter Company. If therefore
it is not now too late, I
am to request that the
new gun metal joints and
copper pipes promised by the
Company may be counter-
manded, as they are not
now required.

2. As regards the remarks
of the managers of the Temperly
Transporter Company, the
General Superintendent,
Madras, P. W. Workshops, state
that the experience of
ordinary working has
proved the design of the

dredger to be much too weak
in several respects for dealing
with the silt found in the
Buckingham canal. The de-
fects were detailed in my
letter No 326 W, dated 10th Feb.
1898, and I am to add that
the bed plate casting, ^{which} ~~which~~
cracked in working the dredger,
has been strengthened with a
flat bar of mild steel
strained along the bottom
edge of the cracked side,
and so attached as to avoid
weakening the casting by
drilling holes in it. This repair
has so far answered in preventing
any extension of the crack, and
cost Rs 40 only.

I have etc.

Cu
ACK
8.8.98

Will
10.8.98

Public Works (1898) Department.

CURRENT No. 6351

from the Chief Engineer for
Irrigation

Order

No. 224

Dated 26 - 7-98

Received }
Registered } 25-7-98

Enclosures 2

Spare copies

SUBJECT.

Steam Dredgers of the Bucknall-
-ham Canal - States that
under the circumstances
reported there seems to be no
necessity to get copper pipes
from the Temperley Transport
Co at present for the - and that
the Land Supt might be asked
to report on the method adopted
for making the joints of the pipes

o L 5276

BACK PAPERS.

FURTHER PAPERS.

Copy of a letter from H. A. Moss Esq, General Superintendent, O. W. Workshops, to the Superintending Engineer, 5 Circle, N. 50 St 5 dated 23 June 1908:-

With reference to your No. 2444, dated 18 June 1898 forwarding G.O. No. 1265 W., dated 18 May 1898 I have the honour to inform you that suitable jointed metal pipes have already been made at the Madras Shops and fitted to the dredger in place of the flexible india rubber pipes. The dredger is working with these jointed pipes, and they are found to be in every way satisfactory. The cost of making the pipes and fitting them was Rupees 200/- which is considerably less than the £31 10/- which the Temperley Transporter Company charge for their pipes, and which seems to me an excessively high price. If the pipes they promised to send have not already been shipped, I would suggest that they be asked to keep them, as they are not now required.

2. As regards the remarks of the Manager of the Temperley Transporter Company, I can only repeat that the experience of ordinary working has proved design of this dredger to be much too weak in several respects for dealing with the silt we have in the Buckingham Canal. I have detailed the defects in this office No. 7, dated 7 April 1898. I may here state that the cracked bed plate casting referred to in that report

report, has been strengthened with a flat bar of mild steel strained along the bottom edge of the cracked side and so attached as to avoid weakening the casting by drilling holes in it. This repair has so far answered in preventing any extension of the crack. The cost of it was Rs. 40/- forty only.

No. 439 W

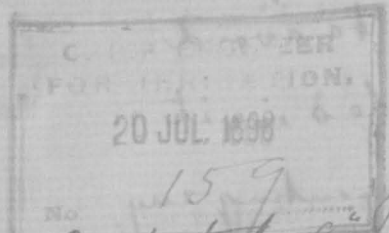
To the Chief Engineer, P.W. Department,
with reference to G.O. No. 1265 W. dated 18 May 1898.
In future it will probably be advisable to purchase suction dredgers of small diameter instead of bucket or grab dredgers.

Authorized Colonel R.L.
offg. Supt. Engineer S. Circle

6th July 1898.

6351/22

Public Works (1898) Department.



CURRENT No. 5746
6351/30

No. 3222 C. dated 18 July 1898

Order o. u.

To E. J.

Please my, with From The Supt Engineer
reference to para 2 of
your endorsement No. 345
dated 18.1.98, whether you
agree with the General Supt
P.W. Works that the same
metal pipes (welded &
copper pipes promised
by the Director Genl. of
Stores, India Office, need
not now be sent out -

No. 439 W.

Dated 6th July 1898.

Received 11.7.98

Enclosures

Spare co. 28

SUBJECT.

Steam Dredger of the
Buckingham Canal.

Stating that the Sinker
etc. joined metal
Pipes have been already
made at the Madras
Shops & fitted to the
in lieu of the flexible
India rubber pipes.

ACK
18.7.98.
O.W.
Cm

CHIEF ENGINEER FOR IRRIGATION.

Madras, *July 25* 189*8*.

OFFICE NOTE No. *224*

Circulation Register.

To	From	Despatch Date.	Receipt Date.
<i>Eh.</i>	<i>Eh.</i>		

KEEP-WITH.

No. , dated 189 .

*Your o.v. No. 3222 C
dated 18th July 1898.*

*Under the circumstances
reported there seems to be
no necessity to get copper
pipes from the Bangalore
Transport Co. at present.
The fact that P.W. stores
might be asked to report on
the method adopted
for making the joints
of the pipes.*

*JH
25/7/98* *JEL
26/7/98*