

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No.	36	Press
70, 71.		Mis.
Dated	7-1-	18 73.

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
7th January 1873.*

No. 70. Read the following Despatch from the Right Honourable the Secretary of State for India, (Public Works,) to His Excellency the Right Honourable the Governor in Council, Fort St. George, dated India Office, London, 21st November 1872, No. 19 :—

I HAVE received your Excellency's letter No. 20 of 18th September, requesting that either Messrs. Adie's or M. V. de Michele's Machines for testing cement, as Mr. Parks may recommend, may be provided for use in your Presidency.

2. I have communicated with Mr. Parks, and, in accordance with his suggestion, have sanctioned the provision of a machine by Mr. de Michele.

3. A copy of Mr. Parks' report is herewith forwarded for your information.

Report on Cement Testing Machine.

HAVING reference to the requirements mentioned in Major Oakes' note of 3rd September, namely, that it is intended for testing lime rather than cement, I am disposed to recommend that Mr. de Michele's machine be sent out. It is more compact and portable than Adie's, and the disadvantages I pointed out in my former memorandum are not likely to be felt except with high strains.

2. I think, however, that in the event of more testing machines being required the relative merits of this and Adie's should be considered with reference to the particular purposes for which they may be intended. There is a drawing of Adie's machine in Vol. XXV. of the Minutes of the Institute of Civil Engineers, Plate 5, to which Engineer Officers at Madras will no doubt have access. The cost of Adie's most highly finished machine is £31-10, that of Michele's £24; but Mr. Adie informs me he could give a machine for £24 equal in all respects for practical work to the best, so that there is really no question of cost involved. Each machine requires some extras which would be the same in both cases. In the present instance, I would recommend the supply of six gun metal $1\frac{1}{2}$ " $\times$ $1\frac{1}{2}$ " mould at 30s. each.

3. There is no arrangement in either machine for measuring resistance to crushing, but it would not be difficult to make an addition which should supply this want if the range of the machine be sufficient. This, however, had better be devised by the officer who desires to make the experiments, and carried out at Madras.

(Signed) W. PARKES.

31st October 1872.

No. 71. ORDER THEREON, 7th January 1873, No. 36.

ACCOUNT, No. 8.

COMMUNICATED to the Chief Engineer for Irrigation, with reference to Major Oakes' note recorded in G. O. of 14th September 1872, No. 2,187.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
.. District Engineer, Presidency.

Exd. T. O'Connor.

For St. George.

Public Works.
No. 19.

India Office, London
21st November, 1872.

My Lord,

1. I have received Your
Excellency's letter, No. 20,
of 18th September, requesting
that either Messrs. Adie
or Mr. V. de Michele's
machines for testing
Cement, as Mr. Parker
may recommend, may be
provided for use in
your Presidency.

His Excellency 2. I have communicated
the Right Honorable
the Governor in Council
with
Sir George.



J. H. Sisco
 Referred to the Chief Engineer for Inspection with
 reference to Major Carter's note recorded in G. O. of 14th September 1872
 No 2187.
 J. H. Sisco
 Chief Engineer for Inspection
 District Engineer Presidency
 Dec 12 8/1/73.

with the P. H.

34

No. 3.

Public Works

21st Nov. 1872

Received 17th Decr/72

The

Letter to Port St. George.

No. 19.

Encl.

Intimating
that sanction has
been accorded to the
supply of a Machine
for testing Cement
in this Presidency,
and forwarding a
copy of a letter on
the subject.

With Com. Order.

No. 36-7 "Kaly" 173

1873 1873
Govt. of Madras.

47 PUBLIC WORKS.

²⁰ The Chief Engineer
for Irrigation.

Dated

Recd.

Encl.

G. O. 7th Dec 73 No. 32.

Nos. 70 & 71

Cement Testing Machines.

Memorandum from the Secy of
State intimating that sanction
has been awarded to the supply
of a machine and for
making copy of Mr.
Parke's report on the sub-
ject, Comd. to the Chief
Eng for Inspn.

1873 1873