

(1) Number of pages _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 265 (14) Press
Mis.

Dated 19-6-1877

Not to be folded or roughly handled

GOVERNMENT OF MADRAS
PUBLIC WORKS DEPARTMENT.

18th June 1877, No. 265 W.

Buildings and Roads
Civil Works

Read the following paper —

No 171 Endorsement of the Officiating Chief Secretary to Government, dated
Fort St. George, 19th April 1877, No. 877.

From W. MAYLOR, Esq, AICE, MICE, to the Chief Secretary to Govern-
ment, Fort St George, dated Red Hills, 18th April 1877

HAVING been devoting some attention to the unsatisfactory state of the river
Cooum, and believing as I do that if the level of the water in the river be maintained
during the hot season, or permanently, at one foot above mean sea level, it would have
a very beneficial sanitary effect, I have now the honor to offer to undertake to provide
at my own expense, for a period of say five years, all the necessary machinery and
apparatus for raising and keeping the water at the above-named level, as well as to open
the bar at the mouth of the river at the time appointed during the north-east monsoon,
for the sum of Rupees 10,000 per annum

TRANSFERRED to the Public Works Department for consideration.

(Signed) D. F. CARMICHAEL,
Officiating Chief Secretary.

No 172

ORDER THEREON, 18th June 1877, No. 265 W

THE Government are not prepared to accept Mr Maylor's tender

(True Extract)

Colonel, R E.,
Secretary to Government, P W D

To Mr W Maylor
,, the Financial Department

Exd E C Shunker
Spare Copies

Red Hells, Madras
18th April 1877

To the Chief Secretary to Government
Fort St. George
Madras

Sir,

Having been devoting some attention to the unsatisfactory state of the river Coovm, and believing as I do, that if the level of the water in the river be maintained during the hot season or permanently, at one foot above mean sea level, it would have a very beneficial salubrious effect. I have now the honor to offer to undertake to provide at my own expense for a period of five years, all the necessary machinery and apparatus for raising and keeping the water at the above named level, as well as to open the bar at the mouth of the river at the time appointed during the North-East Monsoon, for the sum of Rupees Ten Thousand per annum.

I have the honor to be
Sir
Your most obed^t servant
Wm. Maylor Assoc. Inst. C.E.
de J de E.

277

277

Transferred to the Public Works
Department for consideration.

H. P. Si. Pong
19 April 1877

W. H. P. Si. Pong
19 April 1877

to the Public Works Department

Offering to raise
a bank works in the
Cannon at one foot
above mean sea level.
see page 10000
over.

1877
Transferred to the
Public Works
Department
for consideration.
19 April 1877
see page 10000
over.

3 Aug 1876. No 1992.
7 Aug - " 43.

10 18 June 1877 No 171

Aug 11-6-77. No 171

P. M. D. 4*

Endorsement of the Chief Secretary
to Government dated 19 April 1877.
No 877 on letter from Mr. W. Maylor
dated 18 April 1877.

In this letter Mr. Maylor offers
to provide the necessary machinery
and apparatus for raising and keeping
the water in the Cannon at one foot
above mean sea level and also to open
the bars at the time appointed during
the North East Monsoon for the sum
of ten thousand Rupees per annum.
Mr. Maylor does not describe the
means he intends adopting for
raising and keeping the water level
and perhaps it would not be fair
to ask him to do so but the
proposed annual payment is so
much in excess of what it has

been found necessary to lay out
on the Coonra in ordinary years
that the Chief Engineer cannot re-
commend that Mr. Maylor's offer
should be accepted.

Mr. Maylor alludes to the opening
of the har in the North East Room
only, but sometimes as in the
present year it is necessary to open
the har in April or May and
again later in the year should
it have closed in the interval.

9th June 77
Edmond C. R. E.
Chief Eng. B. S.

H. A. G.

5A

Description of Blowing Engines, &c.
FOR SALE
AT THE TRINOMALLY AND POOLAMPUTTY IRON WORKS.

At Trinomally a pair of Vertical Blowing Engines with 9 inch Steam
Cylinders and 24 inch Blowing Cylinders, 2 feet 6 inches stroke. Also 2 plain
Cylindrical Steam Boilers 26 feet 9 inches long by 4 feet 9 inches diameter, and
2 Cornish Boilers 18 feet by 5 feet, and a Forcheater 33½ feet long by 2½ feet
diameter

At Poolamputty a pair of Vertical Blowing Engines with 11 inch Steam
Cylinders and 24 inch Blowing Cylinders, 2½ feet stroke. 2 plain Cylindrical Boilers
and 1 Cornish Boiler.

Each of the above Steam Boilers has a complete set of Mountings

There are a number of duplicate parts of the Blowing Engines

These Engines were made under the supervision of the late Mr Charles
May, C. E., (who was formerly a Partner in the firm of Pansons and May of
Ipswich) by the well known firm of Messrs James Watt and Co., Soho Works,
near Birmingham

The general form and construction of the Engine is that of a "Pedestal or
Table Engine," the Air Cylinder forms the table on which the Steam Cylinder stands.
The foundation plate of each Engine is 6 feet square, and carries a wrought iron
crank shaft in four plummer blocks, having two light fly wheels 6 feet diameter by
6 inches wide, one on each end of the shaft. The steam piston has one piston rod
fixed in a short cross head at the top, and this cross head has two other piston rods
for driving the air piston, which pass down outside the steam cylinder through
stuffing-boxes in the cover of the air cylinder, and are attached to the air piston.
A long cross head taking the connecting rods to the cranks, is attached to the
short cross head by a steel-pin, so as to allow a little freedom in case of unequal wear;
cross head guides are attached to the steam cylinder cover. The total weight of
each single Engine is about 5½ tons. These Engines are arranged to blow about
3,600 cubic feet of air per minute at a pressure of 3 to 3½ lbs per square inch.
The nominal power of each single Engine is about 12 horses, and the indicated
or actual power is equal to 3½ horses.

2015877

If these Engines are not required for blowing purposes but for moving of blowing gear they will do well for driving Machinery. There is now one small single Engine at work at Messrs Stanes & Co's Coffee Works at Coimbatore driving two ordinary edge runner Coffee Peelers, with Fanners and Sizers.

With regard to the Boilers it is well known that such boilers soon deteriorate when not in use for a considerable length of time, especially the portions which are in contact with brick work. The boilers are therefore probably no longer useful as steam generators, but as the plates are composed of the Staffordshire and Yorkshire (Low Moor) Iron, they may be cut up and made in Mamooties. The Mountings are still in good order.

Trinomally is about 40 miles from the Tiruvannam Station of the Southern Indian Railway, and about 50 miles from the Velore Station of the Madras Railway.

Poolamputty is about 20 miles from the Erode Station of the Madras Railway.

The Liquidators being anxious to close the accounts, this Machine will be sold cheap.

Apply to

WILLIAM MAYLOR,

Agent and Attorney for the
Liquidators of the East Indian Iron Company

RED HILLS, MADRAS, 1st March 1877

Letter from Mr. W Maylor dated 19 April 77
recd by Chief Engr Mr D dated 9 June 77

FOR ORDERS

E A and Laldie
Secy to Govt Mr D

to Mr D 1877
18 June 77 J D 171

FOR ORDERS

dict under order

Mr Maylor's proposals
are declined with
thanks. Building records.

dict under order

No 255 of 10 June 77
The sent are not
prepared to accept
Mr Maylor's tender.

not W.H.
16.6.77

Mr H. Maylor
Civil Dept
respd 25.6.77

San Francisco
Civil Works
Codi. of 1877 *Public*
PUBLIC WORKS.

To

Mr. W. Maylor

Dated

Issued

Recd

Encl

G. O. 19th Jan. 1877, No 2516

Nos. 171-172

Enclosure of the Code
of San Francisco
to the