

M.F.O. 1-77,000-8-6-31.
(1) Number of pages 12
(2) Date of repair 30.5.40
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

public works DEPARTMENT.

G.O. No.	1632	Press Mis.
291-92		
Dated	17-6-	1871.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
17th June 1871.*

No. 291. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Public Works Department, dated Tanjore 31st May 1871, No. 212:—

With reference to G. O., No. 3,521, dated 4th November 1869, I have the honour to inform you that the large
1 Estimate. dredge at Negapatam has been docked,

and it has been found that all her bottom plates require renewal. For the thorough repair of the dredge, Mr. Moore, who has been in charge of her, submits an estimate of Rupees 4,650. Copy of this estimate is enclosed, and it is probably susceptible of some reduction, and I would suggest that a Mechanical Engineer should be sent down to Negapatam to prepare an estimate and to put the dredge in thorough order. The boiler and machinery are in good order, with the exception of the fly-wheel, which was broken while being conveyed on shore. Mr. Moore is of opinion that the fly-wheel may be repaired, but I think not.

2. As reported in letter No. 344, dated 28th June 1866, it was found impossible to dispose of the hull of the

In G. O. No. 2,138 of 6th July. smaller dredge, and it lies on the beach adjacent to the spot at which the large dredge is docked. The condition of these dredges is not creditable to Government, and I trust that, as with regard to the steamers, etc., in the Godavery, Govern-

G. O., No. 744, 13th March 1871. ment will be pleased to provide funds for the repair of the dredge, and for the supply of the three extra spoil boats required. I would have written earlier on the subject, but I thought any recommendation on my part would have the more weight if Mr. Robertson, the Harbour Engineer, had reported as to the requirements of the river at Negapatam, and had recommended dredging for its improvement. Though Mr. Robertson was naturally very reticent relative to the opinion he had formed regarding the improvement of the river at Negapatam, as far as I could judge there is but little doubt that one of his recommendations will be that a dredge should be constantly kept at work to maintain deep water within the river-mouth, or in the reach which forms the river-frontage at Negapatam. I trust, therefore, that Government will not deem it necessary to postpone the provision of funds for repairing the dredge, etc., until Mr. Robertson's report is received.

3. In February 1866, 60 tons of coal were sent to Negapatam, of which 23½ tons have been used in dredging and for the portable engine used for baling at the lower anicut, and 27½ tons stand on our books as stock, valued at Rupees 654-3-8. The coal when first delivered was very small and of very inferior quality; it is now quite pulverized, and is utterly useless; some of it appears to have been blown away or otherwise lost, for the heap of coal dust now measures about 24 cubic yards, and probably represents 24 tons. Under the circumstances, I beg that the coal may be removed from our stock books, and its value be written off to Profit and Loss.

No. 292. ORDER THEREON, 17th June 1871, No. 1,632.

ACCOUNT, No. 23.

THE Government regret that they have at present no funds at their disposal to appropriate to the repair of the large dredge at Negapatam or a Mechanical Engineer to report on the estimated cost.

Proceedings of the Madras Government, Public Works Department,
17th June 1871.

2. The coal referred to in the last paragraph of this letter should be disposed of by public auction, and on a report being made of what it has fetched, authority for writing off the difference between the sale proceeds and the value as entered in the stock books will be granted.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 6th Division.
.. Controller of Public Works Accounts.

Exd. E. C. Shunker.

Estimate for Painting and putting a new bottom in the
Kagapataw Harbour Steam Dredge. fitting her machinery
and putting her in good working order

Length	Breadth	Depth	Contents	Description	Amount	Total
100	18		1800	Spreet Bottom of Dredge inside		
Do	Do		1800	Do Do Do outside		
192	6		2304	Do Do inside and out all round in 7 of Dredge		
			1188	Do Do fridex and angle iron ribs 88		
100	4		400	Do Do Nelson of Dredge		
			1500	Do Do shafting cog wheels stanchion and all above deck		
16	15		240	Do Do Boilers		
Circumference			50	Do Do both ends of Boilers		
			128	Coal bunker		
			9410	Spreet To be painted at Rs 0-1-4 per sq ft	784 2 8	784 2 8
100	18		1800	Do of sheet iron to put a new bottom in the Dredge. 6 in to the foot amount -ing to 21 Candy's and 300 lbs at Rs 10 - per Candy	216 ..	
Size of plates	2'2"	3/16"		117 plates for joint couplings weighing 1170 lbs at Rs 10 - per Candy of 500 lbs	23 6 5	
2'2"	8"	1/4"		36000 5/8" rivets to fasten 1800 sq ft of plates 6 rivets to the pound at Rs 0-2-3 per lb	843 12 ..	
				for wrought work - 40 rivets to 2 Spreet Cutting out 1800 Spreet at 3 ad per ft	237 8 ..	
				Punching, bending, and riveting 1800 sq ft of new plate at Rs 1 - per ft	1800 ..	
168				Spreet of 7/8" sheet iron to cover boiler and repair smoke box at Coal bunker	168 ..	
				at Rs 1-0-0 per ft		
				Refitting and putting machinery in working order	250 ..	3638 10 5
				Sundries		4422 15 1
				Total Estimate Proper		2272 11
						4650 ..

Superintendent's office 6 Div
Supt 31st May 1871

W. F. Parker Captain R.E.
Super 6 Div

(Signed) W. G. Moore
In Charge of Dredge
and Boilers

77^e 212.

Subj Engineer's Office 6th Div.
Panjore 31st May 1871.
Lth

From
Captain R. T. Cahill A. E.
Superintending Engineer U. S. A.
To
Colonel J. Fairbairn A. E.
Secretary to Government U. S. A.

Sir, With reference to P.O. No 3521, dated 4th November 1869, I have the honor to inform you that the large Dredge at Negapatam has been docked, and it has been found that all her bottom plates require renewal - For the thorough repair of the Dredge, Mr. McIlloore who has been in charge of her submits an Estimate of Rs 4650 - Copy of this Estimate is enclosed, and it is probably susceptible of some reduction, and I would suggest that a Mechanical Engineer should be sent down to Negapatam to prepare another Estimate and to put the Dredge in thorough order. The Boiler and Machinery are in good order, with the exception of the Fly-wheel which was broken while being conveyed on shore - Mr. McIlloore is of opinion that the Fly-wheel may be repaired, but I think not. As reported in Letter No 344, dated 28th June 1866, it was found impossible to dispose

As reported in letter No 344, dated 28 June 1866, it was found impossible to dispose

Enclosure in a letter
from the Duke of Devon-
shire to Lord Alton
Nov. 21st, 1871, Nat. Hist. Mus.

10. 25. 14/71

Continued No 4650
Not Barring the
Horn Bridge at
Nashua -

dispose of the hull of the smaller Dredge and it lies on the beach adjacent to the spot at which the large Dredge is docked. The condition of these Dredges is not creditable to Government, and I trust that, as with regard to the Steamers ^{7^e} in the Godavery, Government will be pleased to provide funds for the repair of the Dredge and for the supply of the 3 Extra Spoil Boats required. I could have written earlier on the subject, but I thought any recommendation on my part would have the more weight if Mr. Robertson the Harbour Engineer had reported as to the requirements of the River at Negapatam and had recommended dredging for its improvement. Though Mr. Robertson was naturally very reticent relative to the opinion he had formed regarding the improvement of the River at Negapatam, as far as I could judge there is but little doubt that one of his recommendations will be that a Dredge should be constantly kept at work to maintain deep water within the River mouth or in the reach which forms the River frontage at Negapatam. I trust therefore that Government will not deem it necessary to postpone the provision of funds for repairing.

reparing the Dredge ^{7^e}, until Mr. Robertson's Report is received.

In February 1866, sixty tons of Coal were sent to Negapatam, of which $32\frac{11}{28}$ tons have been used in dredging and for the portable Engine used for baling at the Lower Annicut and $27\frac{17}{28}$ tons stand on our Stock Books as stock, valued at Rs 654-3-8. The Coal when first delivered was very small and of very inferior quality; it is now quite pulverized and is utterly useless, some of it appears to have been blown away or otherwise lost, for the heap of Coal dust now measures about 24 Cubic yards and probably represents 24 tons. Under the circumstances I beg that the Coal may be removed from our Stock Books and its value be written off to Profit and Loss.

I have the honor to be
Sir

Your most Obedient Servant -

A. F. A. Captain R.E.
Supt Engineer - C. P. N.

No 10

P.M.D.

Proceedings of the Madras Government
Read the following

From

The Super Engineer to the E. & C. 212 & 31 May 1871

The Government
regret that they have at
present no funds at their
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P

Recd July 16/71 No 104-105
" 4 Nov 71 - 66-67
" 13 Dec 71 - 319-320

P. 11/13/71
The Super Engineer
to the E. & C. 212 & 31
May 1871

to the Secretary to Govt
P. 11/13/71

Recd 2 June 71
11/13/71

Recd 12-17 Dec 71
Reports the Govt can do
up the Dredge at Negapatnam
and request to
that early work may be
taken for placing the
same in the water & order
also that the value of
certain materials for coal
may be written off to profit
and loss

10/29/71
10/29/71
10/29/71

10/29/71

The difference between the
sale proceeds and the
value as entered in the
stock books will be
granted.

J. F.

To Sup^d Eng^r 6th Divⁿ 1
" Controller of P.W. Accounts
Dec^r 19/6/71.

12074

Cost of 1871 Works.

PUBLIC WORKS.

To the Superintendent Engg
6th Division

Dated

Recd.

Exd. 1

G. O. 17th June 71, No. 1632.

[Handwritten signature]

No. 2919292

[Handwritten text:]
The following is a list of the
works done in the 6th Division
during the year 1871. The
works are of various kinds
and are of great importance
to the public interest.
The works are of the following
kind:—