

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referee _____

MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**

G.O. No. 33	Press Mis.
71-72 Dated 6-1-18	6-1-18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th January 1864.*

No. 71. Read the following letter from Captain F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Madura, 13th November 1863, No. 1,154:—

SIR,

1. I have the honor to enclose the Estimates called for in G. O. No. 3,194 of 3rd instant, since they were drawn up a very heavy and unexpected charge has been added to the Estimate in the Military and Civil salaries of both the late Superintendent and of Lieutenant Filgate.
2 Estimates.
2 Memoranda.

2. As I know not how long this payment will continue I am not able to estimate the amount; up to this time it has come to Rupees 1,425-8-0.

3. As regards the works at Paumben, I have further to request the early consideration of Government to the subject of the dredge. Major Syme reports that the steam dredge is in very bad order, her hull requires thorough repair, and her boiler is useless, meanwhile Mr. Wait and the crew are drawing high salaries.

4. The work at Paumben is not progressing satisfactorily, because the spoil boats cannot carry their loads far enough to sea, and the silt appears to be brought back; the steam tug is badly wanted, but I suppose that till the alterations proposed in G. O. No. No. 2,784 are carried out I cannot expect to have one.

No. 72. ORDER THEREON, 6th January 1864, No. 33.

1. The Superntending Engineer, 8th Division, requests instructions as to the disposal of the steam dredge, which was much injured by an accident in February last. The Government request that Mr. Wait may be directed to make a thorough examination of the whole machinery, and to report, without delay, on the extent to which the damage can be repaired in Madras. Accurate drawings must be submitted of those portions of the machinery which require renewal, and which must be procured from England; and the Superintending Engineer is requested to forward to Madras, by the earliest opportunity, all the damaged portions which are considered capable of repair in India.

2. The crew of the dredge will of course be dismissed; and Mr. Wait can be employed on the hand dredge, or otherwise, at Captain Moberly's discretion.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 8th Division.

„ Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

B

Showing expense of working Hand Dredge for 1 Month of 20 working days -

Particulars	Date	Amount	Total	Remarks
15 Convicts every day for 20 days —	11	75		33 for Dredge, 12 for Thonier 46
1 Sindal for 1 month —		12		Monthly pay
8 Coolies for Thonier for 20 days —	11	40		Daily pay
1 Packalby for 1 month —		5		Monthly pay
1 Canoe — do —		4		8
1 Cooly for do — for 20 days —	11	5		Daily pay
2 Smiths 2 Hammer Men 2 B Boys for 20 days	12	39		8
Charcoal —		20		
2 Solanus Iron —	18	3		
Rope —		8		
Poles —		5		
Oil —		5		
			221	
Sundries —			22	
			<u>Total Rupees 243</u>	

M. Ramiah Captain
Sup. H. P. Ramiah Charman

✓

only

To Genl 23 Jan / 1777.
Col. in at the War to England
At 11 o'clock at 11 o'clock at 11 o'clock

6/14/77
6/14/77
6/14/77

Estimate for removing 21,299 Cub yards from Angle of Reef Channel.

Measurements					Description of Works.	Price	Rate per	Amount	Amount for each work	Total	Remarks
Length	Breadth	Height	Cu Yds	Sq							
					Diver's pay for raising & removing 1 Dhoney load 3000 ft	-	3	per foot	4	11	
					D: Sinking & clearing 5 blasting holes	-	5	each	1	9	
					Divers Extra pay for blasting above	-	-	-	-	8	10
					16 Convicts	-	1	do	1	5	4
					5 Bamboos	-	1	do	-	5	-
					2 1/2 Goat skins	-	1	do	-	10	-
					30 lbs Powder	-	6	per lb	11	4	-
					3/4 Solams hammer	2	12	per Solam	2	1	-
					1 1/2 c Measure of Lamp oil	-	10	per Measure	-	12	6
					Rope	-	2	6	-	5	-
					Working pay to 2 Lefoyes	-	6	-	-	6	-
					1 Chucker	1	12	per Solam	1	12	-
					1 Solam Iron	-	1	do	-	8	-
					2 lbs Steel	-	5	Bag	-	5	-
					1 Bag of Charcoal	-	-	-	-	1	-
					Cotton & Wax	-	-	-	-	-	-
					Sundries	-	-	-	-	-	-
					Total for 1 Dhoney for 1 Day	-	-	-	1	-	-
					do - 3 - D:	-	-	-	97	15	8
					Total for 20 days	-	-	-	83	15	-
					Hire of 3 Dhories	22	8	per day	67	8	-
					D: 6 Canoes	4	-	-	24	-	-
					D: 2 D:	4	-	-	8	-	-
					2 Boat men	6	-	-	12	-	-
					1 Smith 1 Hammer man & 1 Bellows Boy	24	-	-	24	-	-
					Total for 1 month of 20 days for 1 Dhoney	-	-	-	135	8	-
					Hand Dredge	-	-	-	18	14	4
					Total for 10,000 feet	-	-	-	300	-	-
					Total for one month	-	-	-	2114	4	-
					Total for 2 1/2 months	-	-	-	4236	2	-

3 for sinking holes & for working in stone Dhoney

To prepare Charges
To Sew Bags
For Imperors
D:
Match & Sewing bags

3 Rafter for each Dhoney
Laying out water & blasting Charges to reefs
D: D:
For Imperors

To be removed 21,299 yards or 57,507 3 feet

3 Dhories to remove 900 feet per day or 18,000 ft per month of 20 days

Hand Dredge to remove 300 feet per day or 10,000 feet per month of 20 days

Total for month of 20 days 28,800 ft or for 2 1/2 months 57,507 3 feet

Pambam 19th July 1862

Signed / July Hankin Captain
Supl. of operations

vide statement B forwarded with my letter at 30 dated 7th July/62 to perintendent South for one month

Minor's Estimate
framed by Capt. Lawrence
Rankin for Reg. of Funds
Panama

C

No 44 of 1862-63 -

28/6/4/4/1863

No 44 of 1862-63 -

Public

Encls. 4

2 Estimates

2 Memo.

No 1154

From,

To,

Sir,

Supy Engr's Office & Division
Madras 13th November 1863

Captain F. J. Moberly R.E.
Superintending Engineer & Division
Colonel L. A. Orr R.E.
Secretary to Government S.P.W.

I have the honor to enclose the estimates called for in G. O. No 3194 of 3rd Instant, since they were drawn up, a very heavy & unexpected charge has been added to the estimate in the Military and Civil salaries of both the late Superintendent and of Lieut. Filgate.

As I know not how long this payment will continue I am not able to estimate the amount - up to this time it has come to Rs. 1425-8-0

As regards the works at Panama, I have further to request the early consideration of Government to the subject of the Dredge - Major Sykes reports that the Steam dredge is in very bad order - her hull requires thorough repair, and her boiler is useless, meanwhile Mr. Waish and the crew are drawing high salaries.

The work at Panama is not progressing satisfactorily, because the spoil boats cannot carry their loads far enough to sea, and the silt appears to be brought back - the Steam tug is badly wanted but I suppose that till the alterations proposed in G. O. No 2784 are carried out I cannot expect to have one.

I have &c.
F. J. Moberly. Capt. R.E.
Superintending Engineer & Division

10.23
 Proceedings of the ^{Public Works} ^{Department} ^{Government}
 Under date the 6th Jan'y 1864
 (Recd the following
 letter from the Sup^r Eng^r 8th Dec)

Documents (2) called
 for in L^o No 3194 dated
 3rd Nov 63 and upon
 the an^r at Rouen

The Sup^r Eng^r 8th
 Division, requests
 instructions as to the
 disposal of the steam
 dredge, which was
 much injured by an
 accident in February
 last. He Gov^t
 request that Mr. Weir
 may be directed to make
 a thorough examination
 of the whole machinery,
 & to report, without delay,
 on the extent to which
 the damage can be
 repaired in Madras.
 Accurate drawings
 must be submitted of
 those portions of the
 machinery which
 require renewal, &
 which must be procured
 from England; &
 and the Sup^r Eng^r

Per- 3rd Nov/63/1863-49

19th 1863
 14th off Jan'y 1864
 1st Nov 63
 The Sup^r Eng^r
 8th Division
 The Secy to Government
 P. W. S.

Dated 13th } November 1863
 Dec 19 }

1st Nov 63
 1st Nov 63

Stewart's estimate called
 for in L^o No 3194 dated
 3rd November 1863 and
 reports on the work at
 number -

1863-64 January 1864

1863-64/65 Oct 21st

1863-64

1
is requested to forward
to Madras by the
earliest opportunity,
all of the damaged
portions which are
considered capable of
repair in India.

The Crew of the *Indigo*
will of course be
disbanded; & that which
can be employed on
the hand dredge, or
otherwise, at Capt.
Robertson's discretion.

W.B.

To the Supy Genl & Dir
Cmrs & and of Madras

Dec 17th 1864

13th Dec 1864 2nd
of 1860 of 1860 for 1860

1860 of 1860 for 1860
1860 of 1860 for 1860

1860 of 1860 for 1860

1860 of 1860 for 1860

Leaving to direct
also find to make a strong
examining the claim in
the case of 1860, 1860
which, reported to have
been injured, and to state
the extent to which the
damage can be repaired
in 1860 for

1860 of 1860 for 1860

1860 of 1860 for 1860