MRO 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

# MADRAS RECORD OFFICE.

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## Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 12 Press Mis.

23-24

Dated 4 1 1870.

***Not to be folded or roughly handled***

*Proceedings of the Madras Government, Public Works Department,*
*4th January* 1870.

No 23. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 2nd December 1869, No. 3,163 .—

I HAVE the honour to forward Sections of the Cocanada river, and a Statement showing the cost of work for the half-year ended 30th September 1869, on account of dredging operation connected with the Cocanada Harbour.

1 Sheet of Sections.
1 Survey.
1 Statement.

No. 24. ORDER THEREON, 4th January 1870, No. 12.

CIVIL WORKS, No. 2.

ORDERED to be recorded.

(True Extract.)

Colonel, R.E.,
*Secretary to Government.*

Statement Shewing the Expenditure on Harbour Dredges &c. &c. the Charges on Government for their Maintenance during the Half year Ending 30th September 1869

| Months | Original Cost | Interest at 5 p.c. on Cost for the whole year calculated on ½ for the Half Year | Depreciation at 10 p.c. Cost for the whole year Calculated on ½ for working Days | Daily Charge for Interest & Depreciation at 15 p.c. Cost for Annum | Actual Expenses on working days: Wages | Cost of Labour for Engaging Crews | Fuel | Stores of Sale Kind | Cost of wages Cost of Labour & Stores | No. of Days at Sea | Daily Charge for working Days | Expenses on idle days: Wages | Repairs | Cost of Wages and Repairs | No. of Days lying idle | Daily Charges for idle Days | Cost of Columns 5 & 12 shewing the total Charge on Government for working Days | Cost of Columns 6 & 13 shewing the total Charge on Government for idle Days | Cost of Columns 3, 4, 10 & 15 shewing the total Charge on Government | No. of Engineers | Average Cost per Cubic Yard | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| **No. 1 Harbour Dredge** | | | | | | | | | | | | | | | | | | | | | | | |
| April | Original Cost No. 1 48012-3-2 | | | | | | | | | | | | 69 | 2 | 8 | 71 | 8 | 30 | | | | | The Dredger & punts were Watched over and Machinery greased |
| May | No. 2 40641-6-6 | | | | | | | | | | | | 69 | 2 | 8 | 71 | 8 | 31 | | | | | |
| June | 88653-2-8 | | | | | | | | | | | | 69 | 2 | 8 | 71 | 8 | 30 | | | | | |
| July | | | | | | | | | | | | | 69 | 2 | 8 | 71 | 8 | 31 | | | | | |
| August | | | | | | | | | | | | | 69 | 2 | 8 | 71 | 8 | 31 | | | | | |
| September | 12 Punts | | | | | | | | | | | | 69 | 2 | 8 | 71 | 8 | 30 | | | | | |
| | | 88,653 | 2,222 | 64 | 36 | 6 | 11 | | | | | | 414 | 16 | 429 | 183 | 2 | 56 | 36 | 6 | 11 | 38 | 12 | 5 | 2,667 | 64 | | |
| **Steamer "Fred & May"** | | | | | | | | | | | | | | | | | | | | | | | |
| April | | | | | | | | | | | | | 47 | 1 | 8 | 48 | 8 | 30 | | | | | The Steamer do do |
| May | | | | | | | | | | | | | 47 | 1 | 8 | 48 | 8 | 31 | | | | | |
| June | | | | | | | | | | | | | 47 | 1 | 8 | 48 | 8 | 30 | | | | | |
| July | | | | | | | | | | | | | 47 | 1 | 8 | 48 | 8 | 31 | | | | | |
| August | | | | | | | | | | | | | 47 | 1 | 8 | 48 | 8 | 31 | | | | | |
| September | | | | | | | | | | | | | 47 | 1 | 8 | 48 | 8 | 30 | | | | | |
| | | 36,746 | 92,128 | | 15 | 17 | | | | | | | 282 | 9 | 291 | 183 | 1 | 82 | 15 | 17 | 16 | 97 | 12,128 | | | | | |

Dowlaiswaram
Executive Engr's Office
1st October 1869

Executive Engineer Gr. Distt

Wm. H. Lechmere Major R.E.
Asst Superintg Engr 1st Div.

SUPERINTENDING ENGINEER'S OFFICE, 1st DIVISION
DONGLASHWARUM, 22 December 1869

No. 3163

From / Major P. L. Fraser R.E.
Acting Superintending Engineer
1st Division

To / Colonel C. A. Orfeur R.E.
Secretary to Government D.P.W.
Madras

Sir,

I have the honor to forward herewith a Statement of the Expenditure on Harbour Dredging and other Charges on account of Establishment during the half year ended 30th September 1869, and to request that you will be pleased to move the Government of Madras to obtain the sanction of the Secretary of State for India in Council to the same.

I have the honor to be
Sir
Your most obedient Servant
Peter H. Fraser Major
Acting Superintending Engineer
1st Division

Encloseure in a letter
No. 3163 dated 22nd December 69
from the Supdg Engineer
1st Division to Secretary
to Government D.P.W.
Madras -

From
The Officer in charge
Note & Draft
To
The Supdg Engineer
1st Div.

Dated 1st October 69

Rec'd
P.W. 5/15/1869

Statement shewing the Expenditure on Harbour Dredging &c & the Charges on Establishment for their Maintenance during the Half year ending 30th September 69

1869 Dep.t
No. 3163
From Offr. C. R.
The Supt. Engineers
1st Dist.
To.
The Secretary
to Government P.W.D.
Madras

Dated 2d }
Rec.d 9th } December /69.

1-6 inclo. Encls 3

Forwards Sections &c. of
Cocanada Harbour & a Statement of
Dredging operations connected
with Cocanada Harbour
for the half year ended
30th September /69.

No 12-6 Jan.y /70.

With an order.

Fort St. George
4 Jan.y /70.

12 No 12
Ordered to be recorded

To
The Supt. Engrs 1st Dist.n
Dep.t 5/1/70

Cue 5757

Govt. of {1869} Madras.

PUBLIC WORKS.

To

The Superintending Engr
1st Division

Dated

Read

G O 6th January 1870 No 12

Nos. 23 - 24

Cocanada Harbour Estimate for
Supg Engr 4 Nos 1st Dn forwarding
sections of the Cocanada river
and a Plan shewing the
cost of work performed during
the 1st half of 1869-70 in con-
nection with the dredging &c.
of the Cocanada Harbour
in the Godavery Dt. recorded