

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	1705	Press
B.P. No.		Mis.
Dated	16. 6.	1955
		1875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th June 1875.*

No. 368. Read the following letter from Major J. BEATTY, R.E., District Engineer, Godavery, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Dowlaishweram, 4th December 1874; No. 2,833:—

I HAVE the honor to forward, herewith, a statement showing the expenditure on harbour dredges, &c., and the charges on Government for their maintenance during the half-year ending 30th September 1874.

Proceedings of the Madras Government, Public Works Department,
16th June 1875.

Statement showing the Expenditure on Harbour Dredges and the Charges on Government for their maintenance during the half-year ending
30th September 1874.

Months.	EXPENSES ON WORKING DAYS.										EXPENSES ON IDLE DAYS.			
	Original cost.	Interest at 5 per cent. for the whole year, calculated only for the half.	Depreciation at 10 per cent. for the whole year, calculated only for the half.	Daily charge for interest and depreciation at 15 per cent. per annum.	Wages.	Cooly labor for emptying punas.	Fuel.	Stores of all kinds.	Total of wages, cooly labor, fuel and stores.	Number of days worked.	Daily charge for working days.	Wages.	Repairs and Stores.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
No. II.—Harbour Dredge.	Original cost, Rs. 49,013-3-2	Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
April 1874	91,691	2,298	2,437	57 10 10	951 9 1	1,615 11 0	455 13 6	89 15 9	3,113 0 4	97	33 6 5	491 3 8	1,424 10 4	
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* Cost of taking down boiler and bringing steamer to Dowlishworam.—Vide G. O., No. 1,976, dated 22nd July 1874.

Proceedings of the Madras Government, Public Works Department,
16th June 1875.

Statement showing the Expenditure on Harbour Dredges and the Charges on Government, &c.—(Concluded.)

Months.	EXPENSES ON IDLE DAYS.— (Concluded.)			15	16	17	18	19	20	21	22	23	24	25	26	27	28	Remarks.
	Total of wages and repairs.	Number of days lying idle.	Daily charge for idle days.															
No. II.—Harbour Dredge.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April 1874	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Sept. "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1,918 13 7	86	22 5 0	70 1 3	59 15 10	9,796 13 11	20,691	0 7 7	...	...	...	...	...	...	...	...	...	...
Steamer "Fred and May."	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April 1874	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aug. "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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	226 6 4	183	1 8 9	...	...	...	...	...	1,147 6 4	...	...	...	...	...	...	...	...	...

226 tons at Rs. 25 per ton	20 Horse-power	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</
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22½ tons at Rs. 25 per ton
19½ " " " " " "
20½ " " " " " "
13 " " " " " "

The steamer is at anchor near the dry dock at Dowlishworam for want of a new boiler.

*Proceedings of the Madras Government, Public Works Department,
16th June 1875.*

Cost per Cubic Yard.

Particulars.	Average only on Dredge Ex- penditure.	Average includ- ing Steamer Charges.
Actual working expenses	RS. A. P.	RS. A. P.
Do. on both working and idle days ..	0 2 5	
Do. do. and interest for the whole half- year, and depreciation on working days only without deducting repairs.	0 3 11	0 4 1
	0 7 7	0 8 3

(Signed) R. R. E. BROCKMAN, Captain, R.E.,
Executive Engineer, Godavery District.

(Signed) J. BEATTY, Major, R.E.,
District Engineer, Godavery.

CAMP AT DOWLAISHWERAM,
26th October 1874.

No. 369.

ORDER THEREON, 16th June 1875, No. 1,703.

CIVIL WORKS, No. 42.

The statement forwarded by the Dis-
trict Engineer gives in a complete form
the particulars of the cost of the dredging
carried on in the Cocanada Harbour during the half-year ending 30th September 1874,
including charges for interest on original cost, and depreciation of plant, repairs, stores
and labor.

2. An abstract of the expenditure exhibits the following results:—

* Dredge and Punts.	Interest on cost of plant* and depreciation...	RS.
	Wages, labor, fuel, and stores	4,735
	Repairs	3,637
		1,425
	Total...	9,797

The cost per working day is estimated at Rupees 32-6-5, and for each day on
which the dredge was not worked Rupees 22-5-0 including repairs, and the amount
of excavation during ninety-seven days at cubic yards 20,691.

The average cost per cubic yard is stated to be Annas 7-7.

3. The expenditure on account of the Steamer *Fred and May* ought apparently
not to be taken into account at all in considering the cost of the work done, as this
vessel was not used in connection with the dredging during the half-year. In the
District Engineer's statement the amounts entered on account of the steamer are for
interest on original cost...

Repairs and stores	Rupees 921 0 0
	226 6 0
Total...	1,147 6 0

4. Under G. O., No. 1,271, of the 5th May 1875, the dredges and punts together
with the Steamer *Frank and Ada* will now be handed over to the Marine Department

*Proceedings of the Madras Government, Public Works Department,
16th June 1875.*

which will conduct the dredging operations, and the District Engineer's statement will
be communicated to the Master Attendant for the information of the Conservator at
Cocanada.

(True Extract.)

Major, R.E.,

Offg. Joint Secretary to Government.

To the District Engineer, Godavery.
" Marine Department.
" Controller of Public Works Accounts

Exd. E. C. Shanker.
Spare Copies

No. 2833

To,

Major J. Beatty R.E.

District Engineer

Godavery District

Of,

Colonel G. W. Walker R.E.

Secretary to Government D. P. W.

MADRAS

SIR,

Encls. 1

I have the honor to forward here:
with a statement showing the Expenditure on
Harbour Dredges ~~see~~ and the charges on
Government for their maintenance during the
half year ending 30th September 1874

I have the honor to be
Sir

Your Most Obedient Servant
J. Beatty Major R.E.
District Engineer Godavery

Cmpd
Bx

Public Works Dept. in
 Proceedings of the Madras Government
 Under date the 18th 1875
 Read the following in

From, The Dist. Engineer } (H.C. No. 2833 of 14th Dec. 1874)
 Godavery }
 1723 of 16th Jan. 1875 at
 The statement to

forwarded by the District Eng.
 Engineer gives in a Com. to
 state form the particulars the
 of the cost of the dredg-
 ing carried on in the the
 Cocanada harbour & to
 during the half year
 ending 30th September &
 1874, including charges
 for interest on original
 cost and depreciation
 of

to J. No. 1271-5 of 1875
 J. No. 249 of 1875
 J. No. 1874-75
 J. No. 7792

From

The District Engineer,

Godavery District.

The Secretary to Government

Department Public Works

MADRAS

Dated

4th

Received

12th December 1875

NO. 2833

Encl. Cite

Subject.

Forwarding State
 ment of expenditure
 on and work done
 by, Godavery Dist.

of plant, repairs, stores
and labour.

2. An abstract of the
expenditure exhibits
the following results.

	* Dredge and Ponto
Interest on cost of Plant and depreciation Rs	4,735
Wages, labour, fuel and stores —	3,637
Repairs —	1,425
	<u>Total Rs 9797.</u>

The cost per work-
ing day is estimated
at Rs 32-0-5 and for
each day on which the
Dredge was not worked
Rs 22-5-0 including
repairs, and the amount
of excavation during 97
days at cubic yards
20,691.

The

The average cost per
cubic yard is stated
to be annas 7-7.

3. The expenditure
on account of the steamer
"Fred and May" ought
apparently not to be
taken into account at
all in considering the
cost of the work done,
as this Vessel was not
used in connection with
the Dredging during
the half year. In the
District Engineer's state-
ment the amounts en-
tered on account of
the Steamer are for
interest on original
cost — Rupees 921-
Repairs & Stores — 226-6-
Total 1147-6-

4. Under G.O. No 1271
of the 5th May 1875
the Dredges and Ponto
together with the Steamer
Frank and Ada will
now be handed over to
the Marine Department
which will conduct
the dredging operations.
And the District Engineer's
statement will be com-
municated to the
Master Attendant
for ^{the} information of the
Conservator at Cocanada

Am. S.

May 21/575

No 368-369

D. E. Goddard ✓ 44

Mr. J. H. W. J. V.

SC 55pd

22-6-75

W

7792

Govt. of 1875
PUBLIC WORKS.

20

*Mr. J. P.
Godavery*

Dated

Issued

Recd.

Encl.

G. O. 16th June No. 1713

Nos. 318-319

Cost of the dredging carried
on in the Cocanada
Harbour. - Passing
orders on the statement
submitted by the District
Engineer Godavery, giving
particulars of the _____,
during the half-year
ending 30th September.