M.R.O. 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 2988 Press / Mis.

462-63

Dated 27. 11 1871.

Not to be folded or roughly handled



Proceedings of the Madras Government, Public Works Department, 27th November 1871.

No. 462. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 6th November 1871, No. 2,453 :—

I HAVE the honour to forward herewith the sections of Cocanada river and a statement showing the expenditure on harbour dredges, etc., and the cost of their maintenance during the half year ended 30th September 1871.

2 Survey and Sections.
1 Statement.
} Despatched in a separate cover.

No. 463. ORDER THEREON, 27th November 1871, No. 2,988.

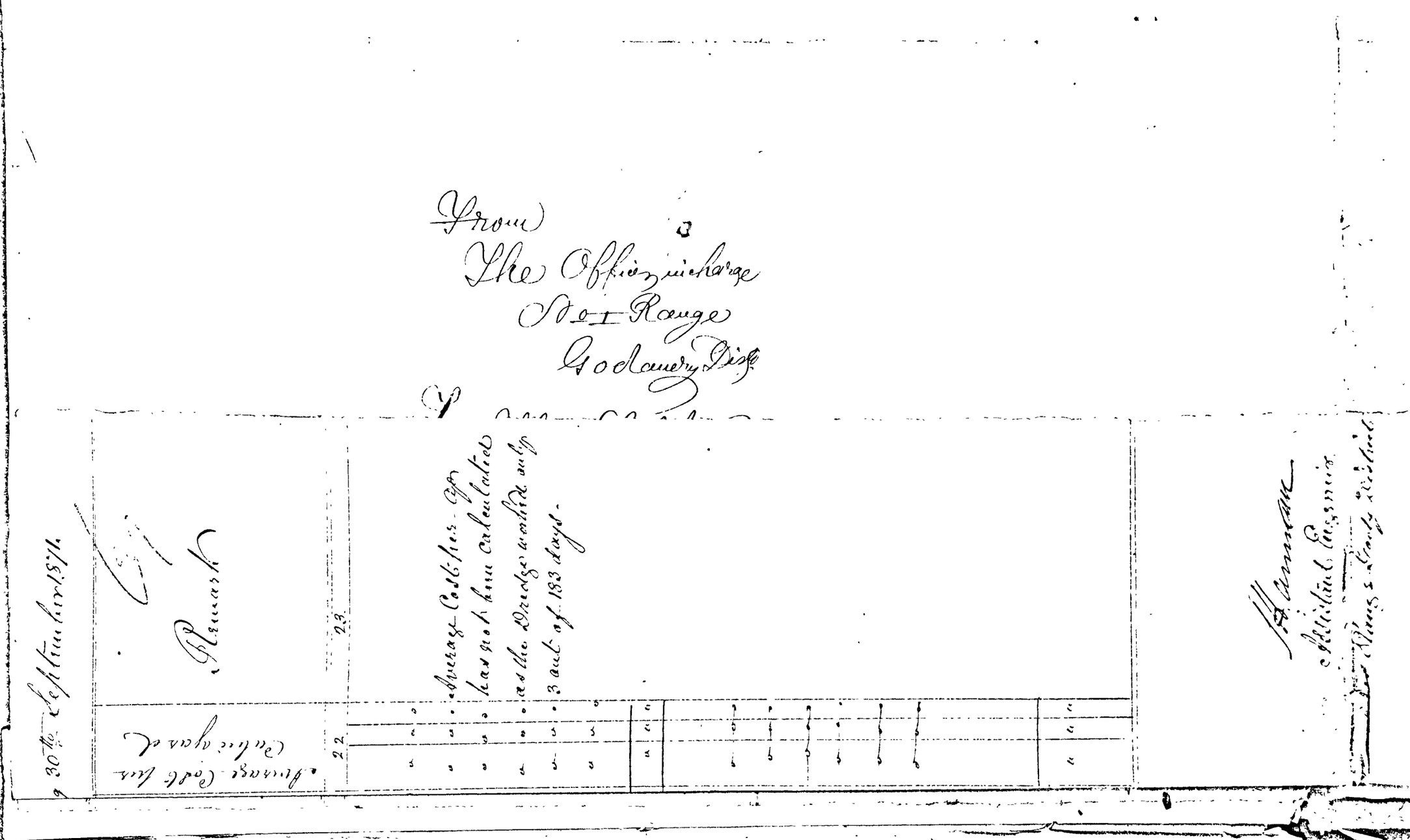
CIVIL WORKS, No. 29.

ORDERED to be recorded.

(True Extract.)

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

From
The Officer in charge
No I Range
Godavery Dist.



From
The Officer in charge
No 1 Range
Godavery Dist.

To The Sub Ag. Engr.
1st Division
Bombay

Dated 11th October 1/71
Rec'd 12

Statement shewing the expenditure on 70 air draught Dredges &c. & the Charges on Govt. Account for their maintenance during the Half year ending 30th September 1/71

P. Or. 5394/71.
Enclosure in letter
No 2145 dated 4th October
from the Secy. to Govt.
of India Public Works
Department to the
Secretary to Govt.
of Bombay

Statement shewing the Expenditure on Harbour Dredges &c. and the Charges on Government for their maintenance during the Half year Ending 30th September 1871.

Months	Original Cost	Estimated Expenditure for the whole year as calculated at the beginning of the year	Estimated Expenditure for the first half year for the whole Establishment as above	Daily Charge for working and Repairs thereof as above	Actual Expenses on working days. Wages	Coals Oil &c. used during working hours	Stores	Miscellaneous Charges	Total Expenses on working days	No. of days employed	Daily Charges for working days	Expenses on idle days. Wages	Stores	Total of Wages and Stores	No. of Days Expended	Daily Charges for idle days	Total of Columns 5 and 12 shewing the total Charges on Government for working days	Total of Columns 5 and 17 shewing the total Charges on Government for idle days	Total of Columns 5 and 12 being the total Charges on Government	No. of Tons raised	Average Cost per Ton
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
No 1 Harbour Dredge																					
April	Original Cost 11 Dredges 37254-11-2 / 45266-13-2	"	"	"	"	"	"	"	"	"	"	18	"	40 1 4	58 1 4	27	"	"	"	1000	"
May		"	"	"	"	"	"	"	"	"	"	18	"	9 10 8	27 10 8	31	"	"	"	"	"
June		"	"	"	"	"	"	"	"	"	"	18	"	3 "	21 "	30	"	"	"	"	"
July		"	"	"	"	"	"	"	"	"	"	18	"	123 13 5	126 13 5	31	"	"	"	"	"
August		"	"	"	"	"	"	"	"	"	"	18	"	76 8 12 3	78 6 12 3	31	"	"	"	"	"
September		"	"	"	"	"	"	"	"	"	"	18	"	103 5 7	105 3 7	30	"	"	"	"	"
		852 6 7	21 3 7 8 3	7 0 1 4	35 6 7	81 11 7	63 2 "	37 11 4	12 "	194 8 11	3	61 12 8	108 " "	20 9 16 3	199 6 3	180	17 9 3	100 4 3	52 15 10	56 0 1	8 9	1000	"
Steamer Fred and May																					
April		"	"	"	"	"	"	"	"	"	"	"	"	42 8 "	42 8 "	30	"	"	"	"	"
May		"	"	"	"	"	"	"	"	"	"	"	"	56 1 2	58 1 "	31	"	"	"	"	"
June		"	"	"	"	"	8 13 4	6 8 10	18 8 "	12 "	64 10 2	11	"	49 2 8	2 "	51 2 8	26	"	"	"	"	"
July		"	"	"	"	"	11 8 "	15 12 "	82 " "	3 "	112 4 "	6	"	46 8 "	2 "	48 8 "	25	"	"	"	"	"
August		"	"	"	"	"	"	"	"	"	"	"	"	58 " "	81 2 3	139 2 3	31	"	"	"	"	"
September		"	"	"	"	"	"	"	"	"	"	"	"	56 13 5	183 5 11	240 3 1	30	"	"	"	"	"
		367 16 9	21 2 8	100	109	15 1 7	20 5 1	22 4 10	130 8 "	3 12 "	176 4 2	10	17 11 "	309 1 1	270 8 2	579 9 3	173	3 5 7	32 12 7	18 7 2	1778	4 10	"

Remarks

Average Cost per ton has not been calculated as the Dredge worked only 3 out of 183 days.

Dowlais 11th October 1871

Executive Engineer's Office

Lieut. Colonel Commanding Sappers & Miners & Inspector of Works

Lieut. Engineer

SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION

DOWLAISHWARUM, 6th November 1871

No. 2453

From

Major P. T. Cruttenden RE

Superintending Engineer

1st Division

To

Colonel J. Carpendale RE.

Secretary to Government D. P. W.

MADRAS

SIR,

I have the honor to forward herewith the Sections of Cocanada River and a Statement showing the expenditure on Harbour Dredging &c and the cost of their Maintenance during the half year ended 30th September 1871.

I have the honorable
Sir
Your Most Obedt Servant

P. T. Cruttenden Major RE.

Superintending Engineer
1st Division

29" May/71-495-496

P. W. 1871 Depart.

From

No 5394.

Chief Engineer

To 1st Division

The Secretary to Government

P. W. Department

Madras.

Dated 6th November 1871

Rec'd 13th " 1-6-Pd 1-0

No 2453

Forwards sections of Cocanada River and a Statement of expenditure on Harbour Dredging and Cost of maintaining them during the half year ended 30th September/71.

No 2988-27 Nov/71

With an ade

No 2985.

Ended to the records.

6th Nov/71

Up-5394

Govt of India Madras.

PUBLIC WORKS.

To

Rd.

Rd.

G. 27th Nov 1871 2988

Nos. 4629463

Grenada Harbour. Letter
from the Actg Engr Officer
& Submitting statement
showing the expenditure &c
connected with the Grenada
Harbour during half year
ending 30th Sept/71. Recorded