

(1) Number of pages 8

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.

610

Press

Misr

Dated

18.

8.

1877

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

18th August 1877, No. 610 W.

Buildings and Roads.

Civil Works.

Read the following paper:—

No. 185. From F. N. THOROWGOOD; Esq., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, Buildings and Roads, dated Madras, 15th August 1877, No. 40 W.

I HAVE the honor to forward the statement of expenditure on these works for the month of July 1877.

Outlay on Madras Harbour Works up to 31st July 1877.

Heads of Estimates.	Cost for June 1877.	Cost for July 1877.	Total Cost to end of July 1877.	Total Cost.	Estimate.
PRELIMINARY WORKS.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS.
Detailed survey	149 1 9	112 4 11	2,957 10 10	2,957 10 10	5,000
Marine survey	137 3 2	60 3 10	4,341 3 3	4,341 3 3	
Railways—					
Rails, &c., from England ..	673 7 0	2,111 10 7	1,38,196 15 8	2,38,202 5 11	1,50,000
Sleepers	2,057 13 9	1,706 6 8	39,385 7 5	60,619 14 10	10,000
Formation	523 8 9	641 9 5	2,133 7 0	33,379 5 1	65,000
Opening quarries	..	..	..	..	45,000
Preparing block ground ..	..	..	..	..	30,000
Jetties for shipping rubble stone ..	..	..	..	..	
Land	..	..	..	..	
CONSTRUCTION OF PIERS.					
North Pier.					
Surf bank	1,282 5 6	3,786 9 2	1,74,653 8 10	1,74,653 8 10	2,37,180
Rubble base (a)	..	..	28,022 5 6	28,022 5 6	4,82,680
Extra rubble for bank (if needed) ..	..	..	1,770 5 10	1,770 5 10	1,00,000
Concrete blocks—					
Making	2,425 10 11	2,754 10 11	1,23,856 2 0	1,23,856 2 0	10,00,500
Setting	2,023 10 8	1,378 0 8	16,900 10 0	16,900 10 0	3,06,500
Light-house	4,129 6 8	2,283 13 3	44,641 13 9	44,641 13 9	75,000
Buildings	..	..	..	..	
South Pier.					
Surf bank	3,875 4 11	3,677 5 9	34,971 5 9	34,971 5 9	2,37,180
Rubble base (a)	739 0 7	1,301 0 3	12,989 13 11	12,989 13 11	4,82,680
Extra rubble for bank (if needed) ..	..	..	..	..	1,00,000
Concrete blocks—					
Making	..	..	59 4 0	59 4 0	10,00,500
Setting	..	..	242 12 1	242 12 1	3,06,500
Light-house	..	..	..	..	30,000

(a) For current expenses on steam hoppers as well as work done by masula boats and for stone quarried at Ambatour ready for depositing in the sea.

Roads & Buildings

From The Superintendent
Madras Harbour Works

Recd. No. 610 Wd/18th Aug 77
Recorded in continuation
of G.O. No. 575 N dated
11th August, 1877
20th 18/8

104017
Dated 15th August 1877.

N. Enclosure 1

Expenditure

Forwards statement showing
Expenditure for July 1877.

Supt. M. K. W. K. 3
To P. W. R. 15
Dated 29. 8. 77 11

2031 July 1877. 577. 11.

2031 8-77

Copy

Sect. of (1877) Madras
PUBLIC WORKS.

To *The Sup. Madras Harbour
Works*

Dated *22-8*
Issued

Recd. Encl.

G. O., *18th August 77*, No. *618 W*

Nos. *185-186*

Madras Harbour Works
Statement of Expenditure
on the - for July 1877.
Recd.

Confidential

Recd 29. 8. 77