

(1) Number of pages 12

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 127

Press
Mr.

Dated 16-7-1877.

Not to be folded or roughly handled

1A

*Proceedings of the Madras Government, Public Works Department,
16th January 1877. No. 137.*

No. 266. Read the following letter from F. N. THOROWGOOD, Esq., Superintendent, Madras Harbour Works, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 10th January 1877, No. 100 W. :—

WITH reference to my letter, No. 96 W., dated 31st ultimo, reporting the progress of these works to the end of the month of December 1876, I have now the honor to transmit, herewith, a statement showing the expenditure on the works to the end of the same period.

Statement showing Expenditure of the Madras Harbour Works to 31st December 1876.

Head of Estimate.	Cost for Nov. 1876.	Cost for Dec. 1876.	Cost to end of Dec. 1876.	Total Cost.	Estimate.
<i>Preliminary Works.</i>	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS.
Detailed Survey ..	10 12 0	136 9 9	1,640 6 7	4,188 4 9	5,000
Marine do. ..	691 4 7	54 14 0	2,547 14 2		
Railways—					
Rails, &c., from England			38,251 1 4	1,21,069 4 7	1,50,000
Sleepers	4,241 14 10		36,467 3 9		
Formation ..	6,446 12 8	1,433 4 4	46,350 15 6		
Opening quarries	2 10 3		1,878 8 4	1,878 8 4	10,000
Preparing block ground	929 6 0	2,174 9 10	21,777 9 2	* 21,777 9 2	65,000
Jetties for shipping rubble stone					45,000
Land ..					30,000
<i>CONSTRUCTION OF PIERS.</i>					
<i>North Pier.</i>					
Surf bank ..	8,534 0 7	10,014 10 10	1,72,335 7 1	1,72,335 7 1	2,37,180
Rubble base (a) ..	964 13 10	1,022 5 1	7,618 14 9	7,618 14 9	4,82,680
Extra rubble for bank (if needed) (b) ..			1,770 5 10	1,770 5 10	1,00,000
Concrete Blocks—					
Making ..	15,241 12 9	18,135 4 3	53,365 13 6	53,365 13 6	10,00,500
Setting ..		120 0 0	120 0 0	120 0 0	3,06,500
Light-house ..					30,000
<i>South Pier.</i>					
Surf bank ..					2,37,180
Rubble base ..	988 4 5	560 7 7	5,995 13 3	5,995 13 3	4,82,680
Extra rubble for bank (if needed) ..					1,00,000
Concrete blocks—					
Making ..					10,00,500
Setting ..					3,06,500
Light-house ..					30,000
Buildings ..	2,093 2 9	2,052 11 4	28,007 7 10	28,007 7 10	75,000
<i>Plant.</i>					
Locomotive engines ..	2 9 6	1 1 6	1,044 0 9	1,044 0 9	60,000
Rolling stock ..	7,832 9 10	4 1 6	10,475 6 7	10,475 6 7	35,000
Floating plant ..		605 0 0	1,12,486 5 8	1,12,486 5 8	1,45,000
Machinery ..	22,079 7 0	3,709 6 2	1,55,905 12 4	1,55,905 12 4	1,25,000
Quarry and general tools ..	1,055 8 9	36 11 0	12,024 2 3	12,024 2 3	50,000
Buoys and beacons ..			651 5 7	651 5 7	3,000
Office furniture ..	192 4 0	60 14 3	2,176 5 9	2,176 5 9	2,000
<i>Establishment.</i>					
Salaries ..	3,085 0 0	5,380 0 0	57,011 5 11	64,568 8 8	2,45,690
Office contingencies ..	56 10 10	23 1 0	1,020 7 4		
Travelling allowance ..	132 0 0	70 0 0	6,526 1 0		
Medical ..			10 10 0		
<i>Contingencies at 5 per cent. on total Estimate.</i>					
Prince of Wales' visit and other Contingencies ..	27 10 9	111 13 0	9,538 15 4	15,233 1 2	2,45,690
Protecting north beach ..	298 12 9		5,694 1 10		
Total ..	74,807 8 1	45,706 13 5	7,92,692 9 5	7,92,692 9 5	

NOTE.—(a) For current expenses on steam hoppers as well as work done by Masula boats.
 * (b) The surf bank is now extended to a little beyond its proposed limit, and further expenditure on it will not be great.

Proceedings of the Madras Government, Public Works Department,
16th January 1877. No. 137.

No. 267. ORDER THEREON, 16th January 1877, No. 137.

CIVIL WORKS, No. 17.

RECORDED, in continuation of G.O.,
No. 56, dated 6th January 1877.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

No. 100 W.

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From

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,

To

Major General G. W. Walker, R. E.,
Secretary to Government,
Public Works Department.

MADRAS, 12 January 1877.

SIR,

With reference to my letter N^o 76 W. dated
31st ultimo, reporting the progress of these works
to the end of the month of December 1876, I have
now the honor to transmit herewith a Statement
showing the expenditure on the works to the
end of the same period.

I have the honor to be

Sir

Your most obedient servant,

J. H. Theroogood.

Superintendent

Madras Harbour Works

806-1-77 to 56.

P. W. D.
1 JAN. 77
No 243

From
The Superintendent
Madras Harbour Works
To
The Secretary to Government
Public Works Department
Fort St George

Dated 10th } January 1877
Recd

No. 100 to

Submits statement showing
expenditure on the work to the
end of 1876

Circulated in conti-
nuation of Report.

CLM
11.1
CLM
No 1378/16 Jan 77
Recorded in con-
tinuation of L.O. No 56 of
6 Jan 1877. CLM

No 266-

Cin 11-1-77 to 16-1-77

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the previous page

Summary of
the results of the
investigation

The following
table shows the
results of the
investigation

1901

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the previous page

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the previous page

Continued from
the previous page

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Govt. of 1877 Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 18th Sept 1877, No. 137

Nos. 266 + 267.

Madras Harbour
works. Statement
of expenditure on
the — to end of 1876,
records —

Sent in Reg.