

(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.	323 (14)	Press Mis.
Dated	29-6-	1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT

29th June 1877, No 323 W

Buildings and Roads

Civil Works

Read the following paper —

No 282 From F N. THOROWGOOD, Esq, Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, Buildings and Roads, dated Madras, 25th June 1877, No 26 W

In continuation of my letter No. 18 W, dated May 31st, 1877, I now have the honor to submit a statement of the expenditure on these works.

2 The actual expenditure is more than appears in these accounts for the reason that many charges incurred in England are not yet adjusted

3. This is most noticeable in the head of "Locomotive Engines," where only Rupees 1,385-5-11 appear as expended.

4 The accounts and store books are gradually being put into proper order, but they were in such arrears that much still remains to be adjusted The Examiner of Public Works Accounts has given every assistance by sending extra men to work up these arrears.

Statement showing the Outlay on Madras Harbour Works up to 31st May 1877

Heads of Estimate	Cost for April 1877	Cost for May 1877	Total Cost to end of May 1877	Total Cost	Estimate
	RS A P	RS A P	RS A P	RS A P	RS
<i>Preliminary Works.</i>					
Detailed survey	159 6 4	132 10 7	2,305 8 0	2,305 8 0	5,000
Marine do	597 15 6	278 11 5	3,753 0 1	3,753 0 1	
Railways—			38,251 1 4		
Rails, &c., from England	695 14 2	630 15 10	38,712 0 5	1,33,819 12 2	1,50,000
Sleepers	1,734 6 8	1,453 11 1	56,856 10 5		
Formation			1,878 8 4	1,878 8 4	10,000
Opening quarries	260 0 5	176 7 11	30,459 15 3	30,459 15 3	65,000
Preparing block ground					45,000
Jettyes for shipping rubble stone					30,000
Land					
<i>CONSTRUCTION OF PIERS</i>					
<i>North Pier</i>					
Surf bank		17 9 0	1,72,907 11 4	1,72,907 11 4	2,37,180
Rubble base	2,748 5 7	1,132 6 1	22,169 9 9	22,169 9 9	4,82,680
Extra rubble for bank (if needed)			1,770 5 10	1,770 5 10	1,00,000
Concrete Blocks—					
Making	6,118 0 10	5,515 13 6	1,15,118 10 8	1,15,118 10 8	10,00,500
Setting	1,677 13 0	1,774 10 5	13,277 8 8	13,277 8 8	3,06,500
Light-house					30,000
Buildings	895 0 0	1,915 5 1	33,874 14 6	33,874 14 6	75,000

Statement showing the Outlay on Madras Harbour Works up to 31st May 1877—(Continued)

Heads of Estimate	Cost for April 1877	Cost for May 1877	Total Cost to end of May 1877	Total Cost	Estimate
CONSTRUCTION OF PIERS—(Contd)					
<i>South Pier</i>					
Surf bank	11,511 12 0	5,676 9 11	24,795 11 9	24,795 11 9	2,37,180
Rubble base*	1,503 9 4	671 7 8	10,177 6 6	10,177 6 6	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
<i>Plant</i>					
Locomotive Engines		282 15 5	1,385 5 11	1,385 5 11	60,000
Rolling stock	99 2 5	46 9 2	11,155 10 3	11,155 10 3	35,000
Floating plant	1,060 12 0	810 0 0	1,19,819 8 0	1,19,819 8 0	1,45,000
Machinery	1,180 15 9	866 2 9	1,68,343 5 2	1,68,343 5 2	1,25,000
Quarry and general tools	668 10 9	164 9 3	13,303 0 7	13,303 0 7	50,000
Buoys and beacons			651 5 7	651 5 7	3,000
Office furniture	90 13 5	10 11 6	2,442 2 8	2,442 2 8	2,000
<i>Establishment</i>					
Salaries	2,805 7 5	2,717 0 0	72,612 1 7		
Office contingencies	28 5 6	66 1 0	1,487 2 11	81,401 4 3	2,45,690
Travelling allowances	223 14 0	70 0 0	7,200 13 9		
Medical	25 8 0		51 2 0		
<i>Contingencies at five per Cent on Total Estimate</i>					
Prince of Wales' visit and other contingencies	87 7 0	412 8 8	10,386 15 8	18,252 0 5	2,45,690
Protecting North Beach			7,865 0 9		
Total	34,173 4 1	2,843 0 3	9,83,364 5 9	9,83,364 5 9	
Materials at site		8,715 14 5	32,138 5 5	32,138 5 5	

* For current expenses on steam hoppers, as well as work done by Masulah boats, and for stone quarried at Ambathoor ready for depositing in the sea.

MADRAS,
25th June 1877.

(Signed) F N. THOROWGOOD,
Supt, Madras Harbour Works

No 283.

ORDER THEREON, 29th June 1877, No. 323 W.

RECORDED in continuation of G O, No 211 W, dated 9th June 1877.

(True Extract)

(Signed) E A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To the Superintendent, Madras Harbour Works.
" Marine Department
" Examiner of Public Works Accounts
" Secretary, Harbour Committee.

Exd. T D Ryan.
Spare Copies

Madras

Note
Left for current expenses on steam hoppers as well as work done by Masulah boats and for stone quarried at Ambathoor ready for depositing in the sea

Thorowgood

Materials at site

34173 4 1 24875 8 983364 5 9 983364 5 9

Contingencies at five per Cent on Total Estimate
Prince of Wales' visit and other contingencies
Protecting North Beach

Office contingencies
Travelling allowances
Medical

Salaries
Office contingencies
Travelling allowances
Medical

Hand of Estimate
Estimated for
April 1877
May 1877
Total
Estimated

Statement showing the outlay on Hudson Harbor Works up to 31st May 1877. Divided by works

Heads of Estimate	Cost for last year	Cost for May 1877	Estimate
<u>Specimenary Works</u>			
Detailed survey	1396.4	2305.8	2305.8
Marine survey	5975.6	3753.1	3753.1
<u>Railways</u>			
Rails up from England		38251.4	
Sheepers	6954.2	38712.5	13389.22
Tramway	1721.8	1155.1	5855.10
Opening Quarries		1878.4	1878.4
Preparing Block ground	260.5	3059.53	3059.53
Settles for shipping public stone			15000
Land			50000
<u>Construction of Piers</u>			
<u>North Pier</u>			
Surf Bank		17997.14	237180
Public Base	3485.7	22169.99	482680
Extra Rubble for Bank of needed		1779.510	100000
<u>Concrete Blocks</u>			
Making	6118.10	115118.10	1000520
Setting	1677.13	13277.88	206500
<u>Light House</u>			
Buildings	895.2	1915.5	50000
<u>South Pier</u>			
Surf Bank	15711.2	24795.11	237180
Rubble Base	1503.94	10177.66	482680
Extra Rubble for bank of needed			100000
<u>Concrete Blocks</u>			
Making		594.	100500
Setting		242.12	306500
<u>Lighthouse</u>			
<u>Plant</u>			
Locomotive Engines		28215.5	60000
Rolling Stock	992.5	1155.103	35000
Flooding Plant	1060.12	19819.8	115000
Machinery	118015.9	16343.52	125000
Quarried General Tools	66810.9	13303.7	50000
Buoys and Beacons		651.57	3000
Office Furniture	9013.5	2442.28	2000

Carried over 31002.02 21576.7 88370.11 88370.11

P. W. D.
26 JUN 77
6267

No. 2614.

From

THE SUPERINTENDENT,

MADRAS HARBOUR WORKS,

To

Colonel C. A. Ford, R. E.

Secretary to Government, P. W. D.
Roads & Buildings Branch.

MADRAS, 25th June 1877

SIR,

In continuation of my letter No 18 W,
dated May 31st 1877, I now have the honor
to submit a statement of the expenditure on
these works. —

2. The actual expenditure is more than
appears in these accounts, for the reason that
many charges incurred in England, are
not yet adjusted. —

3. This is most noticeable in the head
of "Locomotive Engines" where only Rs 1385. 5.11
appear as expended. —

4. The accounts and store books are gra-
dually being put into proper order, but they
were in such arrears that much still re-
mains to be adjusted. The Examiner
of Public Works Accounts has given

every

40 29 June 77 P. W. D. 282

W. H. H. H.

every assistance by sending extra men to
work up these arrears -

I have the honor to be,

Sir,

Your most obedient Servt.

A. H. M. G. O. D.

Superintendent

Madras Harbour Works

Building Dept

(1103)

P.W.D.

26 JUN 77

Receivd by Building Dept

Recorded in continuation of O. No. 2114 of 9 June 1877.

EAT 26/6

From The Superintendent -
Hendras Harbour, N.W.

1026 W
Dated 25th June 1877
with enclosures one

9th June 1877. No 211. 60.

Expenditure

Forwards statement showing
Expenditure for & up to 31st May
1877

4029th June 77 J.B. 282

Suplt. H. W. H.
Marine Dept
Ex. Secy
Secy H. Committee

Per 26 677
Drp-12-7-77

with order.

Ar 2667
Govt. of 1877, Madras
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl

2-7-77
G O, 29th June 1877, No 323 ✓

Nos. 282-283
Madras Public Works

Letter from the Dept forming
a statement of expenditure
on the up to 31 May/77,
Recorded.

Entered in Register

Ar 2667
Ar 2667

Drp-12-7-77

with order.