

(1) Number of pages

14

(2) Date of repair

7. 8. 86

(3) Initials of the Referencer

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No.
B.P. No.

2788 W

Press.
Mis.

Dated

8. 7. 1878 197.

11/8/86
Not to be folded or roughly handled

2788
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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

8th July 1878, No. 2,788 W.

Buildings and Roads.

Civil Works.

Read the following paper :—

No. 70. * From F. N. THOROWGOOD, Esq., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 28th June 1878, No. 15 W.

With reference to my letter No. 10 W, of the 1st instant, reporting the progress of these works to the end of the month of May 1878, I have now the honor to forward a statement showing the expenditure on these works at the end of the same period.

Outlay on Madras Harbour Works up to 31st May 1878.

Heads of Estimate.	Cost for April 1878.	Cost for May 1878.	Cost to end of May 1878.	Total Cost.	Estimate.	Remarks.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS.	
<i>Preliminary Works.</i>						
Detailed survey, taking section, soundings, &c.	100 3 1	100 4 3	4,016 0 0	0,759 15 8	6,000	
Marine survey ..	475 15 7	267 11 3	5,743 15 8	..	..	
Recovery ..	..	40 0 0	..	..	..	
<i>Railways—</i>						
Rails from England..	..	..	1,38,403 7 8	2,45,975 15 8	1,50,000	
Sleepers ..	..	..	39,385 7 5	..	..	
Formation..	..	..	68,187 0 7	..	..	
<i>Opening quarries.</i>	7 4 0	13 8 11	2,406 15 7	2,406 15 7	10,000	
Preparing block-ground..	1,244 12 6	62 0 4	43,953 14 7	43,953 14 7	65,000	
Jetties for loading stone.	..	..	57,564 7 11	57,564 7 11	75,000	
Buildings ..	112 0 1	..	1,220 6 4	1,220 6 4	30,000	
Land ..	..	..	..	..	..	
<i>Plant.</i>						
Locomotive engines ..	..	..	44,329 13 8	44,329 13 8	60,000	
Rolling-stock ..	84 0 6	82 10 0	13,554 12 8	13,554 12 8	35,000	
Floating plant ..	27 11 9	..	1,39,978 2 6	1,39,978 2 6	1,45,000	
Machinery, cranes, &c.	82 14 0	..	2,59,798 5 5	2,59,798 5 5	1,25,000	
Quarry and general tools.	82 10 8	408 2 8	31,092 6 11	31,092 6 11	50,000	
Recovery ..	..	0 2 0	..	..	..	
Buoys and beacons ..	..	21 1 2	714 2 9	714 2 9	3,000	
Office furniture ..	..	..	3,971 9 5	3,971 9 5	2,000	
<i>Construction of Piers.</i>						
<i>North Pier.</i>						
Surf bank ..	..	..	1,74,815 14 11	1,74,815 14 11	2,37,130	
Rubble base ..	7,143 10 8	4,408 11 7	67,731 3 2	67,731 3 2	4,82,580	
Concrete block-setting ..	2,335 13 6	2,044 12 7	42,360 14 4	42,360 14 4	3,05,500	
Recovery ..	42 11 11	8 4 1	..	..	30,000	
Light-house ..	..	..	1,770 5 10	1,770 5 10	1,00,000	
Extra rubble ..	..	..	..	..	..	

Outlay on Madras Harbour Works up to 31st May 1878—continued.

Heads of Estimate.	Cost for April 1878.	Cost for May 1878.	Cost to end of May 1878.	Total Cost.	Estimate.	Remarks.
<i>Construction of Piers—continued.</i>	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS.	
<i>South Pier.</i>						
Surf bank ..		4 6 0	66,274 1 0	66,274 1 0	2,37,180	
Rubble base ..	8,294 7 7	12,163 10 10	64,357 14 11	64,357 14 11	4,82,680	
Concrete block-setting ..	2,196 3 6	2,206 0 3	14,940 10 1	14,940 10 1	3,06,500	
Light-house ..					30,000	
Extra rubble ..					1,00,000	
Concrete block-making for North and South Piers.	44,580 0 3	22,148 6 7	3,38,252 10 1	3,38,252 10 1	20,01,000	
Recovery ..	15 12 0	71 14 0				
<i>Establishment.</i>						
Salaries ..	2,801 12 11	4,208 15 7	1,25,257 7 6			
Office contingencies ..	88 8 9	164 9 6	2,042 12 5			
Recovery ..	0 4 0			1,46,410 12 2	2,45,690	
Travelling allowances ..	278 3 9	70 0 0	18,942 0 10			
Medical ..		4 1 0	168 7 5			
Contingencies ..	222 11 6	938 0 3	23,106 15 2	23,106 15 2	2,45,690	
Recovery ..	0 0					
English Portland Cement and other General Stores on Stock.	70,105 4 6	49,193 12 8	17,94,737 4 7	17,94,737 4 7		
Materials at site for Specific Works.	10,137 2 10	9,801 8 10	1,54,451 8 7	1,54,451 8 7		
	112 0 0	4,996 1 2	7,910 8 3	7,916 8 3		
Total ..	80,354 7 4	63,991 6 8	19,57,105 5 5	19,57,105 5 5		

MADRAS,
28th June 1878.

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

No. 71. ORDER THEREON, 8th July 1878, No. 2,788 W.

RECORDED.

2. The statement should have been submitted earlier in the month.

(True Extract.)

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

(True Copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
Examiner of Public Works Accounts.

Exd. T. D. Ryan.

Spare Copies

INGS AND TO
CIVIL WORKS.
Govt. of (1878) Madras.
PUBLIC WORKS.

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,
&c., &c., &c.

Dated July 8th.

Issued

Recd.

Encl.

G. O. 9th July 1878, No. 2788 W.

JULY.
Nos. 70-71.

Madras Harbour Works.—The statement
of expenditure on the — for May 1878.
recorded.

No. 157r.

From

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,

To

Colonel E. A. Ford, R. E.
Secretary to Government, P.W. Dept
Roads & Buildings
Fort St. George 28th June 1878.
MADRAS

Sir,

Enclosure 1

With reference to my letter No. 10 W
of the 1st instant, reporting the progress of
these works to the end of the month of
May 1878, I have now the honor to
forward a statement showing the expendi-
ture on these works to the end of the
same period. —

I have the honor to be,

Sir,

Your most obedt Servt.

A. H. M. M. M.
Superintendent
M.H. Works

1878
3

3640 247248/12 June 78
 2227w 21st May 78

Roads & Buildings

From The Superintendent
 Madras Harbor

No 1577

Dated 28th June 1878

No of Enclosures

Expenditure

Towards Statement
 Expenditure for

To Accty 1-7-78

Cir 3.7.78 Ad 8.7.78

Outlay on Madras Harbor Works up to 31st May 1878.

Heads of Estimate	Cost for April 1878	Cost for May 1878	Cost to end May 1878	Total cost Estimate	Remarks
<u>Preliminary Works</u>					
Detailed Survey taking section					
Soundings via 112	100 3 1	100 4 3	4016 . .	99754 15 8	5000
Marine Survey	1475 15 7	267 11 3	5743 15 8		
<u>Railways</u>					
Navies from England	. . .	. . .	138403 7 8	245975 15 8	150000
Shoppers	. . .	. . .	37385 7 5		
Formation	. . .	. . .	68187 . 7		
Opening Quarries	7 4 .	10 8 11	2406 15 7	3406 15 7	10000
Preparing Block ground	1244 12 6	62 . 1	43963 14 7	43963 14 7	65000
Jetties for loading stone	. . .	. . .	. . .	. . .	45000
Buildings	112 . 1	. . .	57864 7 11	57864 7 11	75000
Land	. . .	. . .	1220 6 4	1220 6 4	30000

Plant

<u>Locomotive Engines</u>	. . .	. . .	44329 13 8	44329 13 8	60000
<u>Rolling Stock</u>	84 . 6	82 10 .	13654 12 8	13654 12 8	35000
<u>Floating Plant</u>	27 11 9	. . .	139978 2 5	139978 2 5	145000
<u>Machinery Cranes &c</u>	82 14 .	. . .	259793 5 5	259793 5 5	125000
<u>Livory and General Tools</u>	82 10 8	408 2 8	31092 6 11	31092 6 11	50000
<u>Buoys and Beacons</u>	. . .	21 1 2	714 2 9	714 2 9	3000
<u>Office Furniture</u>	. . .	. . .	3971 9 5	3971 9 5	2000

Construction of Piers

North Pier

<u>Surf Bank</u>	. . .	. . .	174815 14 11	174815 14 11	237180
<u>Rubble Base</u>	7113 10 6	4408 11 7	67731 1 1	67731 1 1	482680
<u>Concrete Block setting</u>	2335 13 6	2044 12 7	42360 14 4	42360 14 4	306500
<u>Lighthouse</u>	. . .	. . .	. . .	. . .	30000
<u>Extra Rubble</u>	. . .	. . .	1770 5 10	1770 5 10	100000

South Pier

<u>Surf Bank</u>	. . .	. . .	66744 .	66744 .	237180
<u>Rubble Base</u>	8294 7 7	12163 10 10	64357 14 11	64357 14 11	482680
<u>Concrete Block setting</u>	2196 3 6	2206 . 3	14940 10 1	14940 10 1	306500
<u>Lighthouse</u>	. . .	. . .	. . .	. . .	30000
<u>Extra Rubble</u>	. . .	. . .	. . .	. . .	100000

Concrete Blockmaking for

<u>N. and S. Piers</u>	44520 . 3	22148 6 7	238252 10 1	238252 10 1	2001000
<u>Carried over</u>	66709 3 7	43808 2 4	1625214 9 3	1625214 9 3	

1878
5/28

Heads of Estimate	Cost for April 1878	Cost for May 1878	Cost to end of May 1878	Total Cost	Estimate	Remarks
Brought forward	6609 3 7	43808 2 4	1625219 9 3	1625219 9 3		
Establishment						
Salaries	2801 12 11	4208 15 7	125257 7 6			
Office contingencies	88 8 9	164 9 6	2042 12 5			
Travelling allowances	278 3 9	70 ..	18942 .. 10			
Medical	..	4 1 ..	168 7 5			
				146410 12 2	245690	
Contingencies	2294 6	938 .. 3	23106 15 2	23106 15 2	245690	
English Portland Cement & other General Stores	74108 4 6	49193 12 8	1794737 4 7	1794737 4 7		
Materials @ Site for specific Works	10107 2 10	9801 8 10	154451 8 7	154451 8 7		
	112 ..	4996 1 2	7916 8 3	7916 8 3		
Total	80354 7 4	63991 6 8	1957105 5 5	1957105 5 5		

Madras
28th June 1878

J. H. Monogord
Superintendent
M. Harbor Works.

et walls
Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 8 July/78
Read the following:—

From,
The Superintendent } (H.E. No. 15 W of 28th
Madras Harbour Works } June 1878.

Recorded.

2. The statement
should have been
submitted earlier in
the month.

[Handwritten signature]

out 3/11

To The Supdt. Madras Harbour
Eas. P. H. A. S. S.
11/11/78

2.198
S

To advy 1-7-78

Cir 3.7.78. Ret 8.7.78

7311 ✓

Govt. of (1878) Madras.

PUBLIC WORKS.

To The Supt. in Harbour works

Dated

Issued

Recd.

Encl.

G. O., 8 July 1878, No. 2788W

Nos. 7311

Madras Harbour Works

The statement of
expenditure on the
for May 1878, recorded

Entered in Register