

(1) Number of pages 16
(2) Date of repair 20.10.86
(3) Initials of the Referencer lans ✓

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No.	865 W	Press.
B.P. No.		Mis.
Dated	22.3.1879	197.

Not to be folded or roughly handled

22/1

22nd March 1879, No. 865 W.

Read the following paper :—

I HAVE the honor to submit herewith the statement of expenditure on these works for the month of February 1879.

3. In the accompanying statement the block ground at the south pier is still included under "Contingencies," but this can be transferred to "Block Platforms" if the Examiner approves of that arrangement.

Outlay on Madras Harbour Works up to 28th February 1879.

Gallies on Madras Harbour Works up to 28th February 1879—continued.

Heads of Estimate.	Cost for January 1879.	Cost for February 1879.	Cost to end of February 1879.	Total Cost.	Estimate.	Remarks.
PLANT.						
Locomotive engines ..	..	..	44,101 3 8	44,101 3 8	60,000	
Rolling stock ..	..	..	20,034 11 10	20,034 11 10	35,000	
Floating plant ..	..	..	1,45,534 8 3	1,45,534 8 3	1,45,000	
Machinery, cranes, &c. ..	..	..	2,67,365 14 2	2,67,365 14 2	1,25,000	
Quarry and General tools ..	..	..	32,778 6 3	32,778 6 3	50,000	
Buoys and beacons ..	..	..	716 10 9	716 10 9	5,000	
Office furniture ..	..	..	4,929 14 9	4,929 14 9	2,000	
CONSTRUCTION OF PIERS.						
North Pier.						
Surf bank ..	18,322 8 6	19,491 2 3	1,74,815 14 11	1,74,815 14 11	2,37,180	Includes cost of rubble base, tipped 600 feet in advance of work.
Rubble base ..	..	..	1,99,150 13 2	1,99,150 13 2	4,82,680	
Concrete block-setting.	4,349 12 8	2,371 11 9	67,681 9 9	67,681 9 9	3,06,500	The arrangement of the expenditure on "Block-making" and "Block-setting" will also be discussed with the Examiner of Public Works Accounts—vide G.O., No. 668 W, dated 27th February.
Light-house ..	..	..	1,770 5 10	1,770 5 10	30,000	
Extra rubble ..	..	..	..	..	1,80,000	
South Pier.						
Surf bank ..	5,302 4 5	12,522 13 7	67,327 9 3	67,327 9 3	2,37,180	Includes base, tipped about 640 feet in advance.
Rubble base ..	..	..	1,30,073 9 2	1,30,073 9 2	4,82,680	
Concrete block-setting.	4,168 5 6	4,169 10 8	37,013 3 2	37,013 3 2	3,06,500	See above.
Light-house ..	..	..	..	..	30,000	
Extra rubble ..	..	..	..	..	1,00,000	See above.
Concrete block-making for north and south piers ..	32,374 8 8	26,415 6 1	6,92,635 11 3	6,92,635 11 3	20,01,000	
RECOVERY.	126 4 0	18 8 7	..	..	..	
ESTABLISHMENT.						
Salaries ..	2,992 10 0	7,887 9 4	1,58,697 12 7	1,58,697 12 7	2,45,690	
Office contingencies ..	9 12 0	115 8 19	2,747 5 0	2,747 5 0	..	
Travelling allowances ..	254 10 0	55 0 0	21,071 7 8	21,071 7 8	..	
Medical ..	13 12 6	..	331 15 8	331 15 8	..	
Surveys ..	267 4 5	194 5 9	451 10 2	451 10 2	..	
CONTINGENCIES.						
Protective works north of Harbour ..	2,831 1 0	1,280 6 10	25,105 9 6	25,105 9 6	64,886 12 2	2,45,690
Other contingencies ..	4,682 3 6	2,421 12 2	20,778 11 7	20,778 11 7	..	2,45,690
Maintenance ..	..	..	..	..	..	
VALUE OF MATERIALS IN STORE.	77,408 10 1	76,664 0 6	23,99,582 5 8	23,99,582 5 8	..	
Cement, English ..	15,278 4 0	..	..	..	..	
Do., Indian ..	9,584 11 0	4,043 7 10	14,461 5 5	14,461 5 5	..	
Timber ..	..	209 10 11	18,623 4 3	18,623 4 3	..	
Iron and steel ..	..	5,173 6 6	7,128 7 7	7,128 7 7	..	
General stores ..	224 5 4	398 14 4	19,990 4 5	19,990 4 5	..	
Total ..	1,03,810 5 8	87,962 9 2	24,74,176 5 9	24,74,176 5 9	..	

MADRAS,
18th March 1879.

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

No. 267.

ORDER THEREON, 22nd March 1879, No. 865 W.

ORDERED to be recorded.

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

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

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1879) **MADRAS**
PUBLIC WORKS.

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS.

Dated March 22nd.

Issued

Recd.

Encl.

G. O., 32nd March 1879, No. 895 W.

MARCH

Nos. 266-267.

MADRAS HARBOUR WORKS.—Statement of
expenditure on the — for February 1879,
recorded.

Outlay on

Head of Estimate

Cost
Jan
1879

Brought forward — 66,330

ESTABLISHMENT

Statement of expenditure
on harbour works for February 1879
forwarded for the approval of
the :—

Suptt Madras Harbour Works.

8-4-79.

State of

Agencies
second acct.

Outlay on Madras Harbor Works up to 28th February 1879.

Heads of Estimate	Cost for January 1879	Cost for February 1879	Cost to 28 th Feb. 1879	Total Cost Estimate	Remarks.
PRELIMINARY WORKS					
Detailed Survey taking sections					
Soundings $\frac{1}{2}$ & $\frac{3}{4}$	"	"	1,631 2 6		
Marine Survey	"	"	6,408 2 2	11,039 4 8	5,000 Charges for periodical surveys of port line &c. are closed under "Establishment."
Railways					
Rails from England	"	"	1,38,698 14 11		
Plafers	"	"	39,402 7 5		
Formations	"	"	62,184 7 4	2,47,121 14 5	1,50,000
Materials purchased from M. & Co.	"	"	533 7 6		
Opening Quarries	"	"	2,432 14 8	2,432 14 8	10,000 At present the South Sea Block Ground is charged against "Contingencies" pending discussion with the Gov. P. W. Dept. vide G.O. 608 H. 27 Feb. 1879
Preparing Block Ground	"	"	51,139 1 9	51,139 1 9	65,000
Jetty for loading stones	"	"	1,922 2 10	1,922 2 10	45,000
Buildings	127 14 2	56 9 9	62,189 7 6	62,189 7 6	75,000 This is the only Preliminary Work not yet closed.
PLANT					
Locomotive engines	"	"	1,44,401 3 8	1,44,401 3 8	60,000
Rolling stock	"	"	20,034 11 10	20,034 11 10	35,000
Floating Plant	"	"	1,43,534 8 3	1,43,534 8 3	1,45,000
Machinery cranes &c.	"	"	2,67,365 14 2	2,67,365 14 2	1,25,000
Quarry & General Tools	"	"	32,778 6 3	32,778 6 3	50,000
Buoys and Beacons	"	"	716 10 9	716 10 9	3,000
Office Furniture	"	"	4,029 14 9	4,029 14 9	2,000
CONSTRUCTION OF PIERS					
North Pier					
Surf Bank	"	"	174,515 14 11	174,515 14 11	237,180
Rubble Base	18,822 8 "	19,491 2 3	199,150 13 2	199,150 13 2	4,82,680 Includes cost of rubble base, tipped in advance of work.
Concrete Block setting	4,240 8 "	237 11 9	67,681 9 9	67,681 9 9	3,06,500 The arrangement of the expenditure on "Block Making" & "Block Setting" will also be discussed with the Gov. P. W. Dept. vide G.O. 608 H. 27 Feb.
Light house	"	"	"	"	30,000
Extra rubble	"	"	17,70 5 10	17,70 5 10	100,000
South Pier					
Surf Bank	"	"	67,327 9 3	67,327 9 3	237,180
Rubble Base	5,902 4 5	12,523 13 4	130,073 9 3	130,073 9 3	4,82,680 Includes base tipped about 600 ft. in advance.
Concrete Block setting	4,158 8 6	4,69 10 8	37,013 3 2	37,013 3 2	3,06,500 See above.
Light house	"	"	"	"	30,000
Extra rubble	"	"	"	"	100,000
Concrete Block making for North & South Piers	3,289 8 8	26,115 5 1	59,635 11 3	59,635 11 3	2,00,000 See above.

Carried over 66,030 4 5 65,009 12 6 21,613 9 5 6 4 21,613 9 5 6 4

Head of Estimate

Cost for January 1899 Cost for February 1899 Cost for March 1899 Total Cost Estimate Remarks

Brought forward	66330 4 5	65007 12 6	2161378 6 4	2161395 6 4	
ESTABLISHMENT					
Salaries	2922 10 9	7887 2 4	158697 12 7		
Office Contingencies	6 12 -	115 8 10	2747 5 -		
Travelling Allowances	254 10 -	55 - -	21071 7 8	183300 3 1	245690
Medical	13 12 -	- - -	331 15 8		
Surveys	267 11 5	184 5 9	1151 10 2		
CONTINGENCIES					
Protective Works North of Harbor	2831 1 -	1280 6 10	25108 - 6		
Other Contingencies	4982 3 6	2121 12 2	29778 11 9	514586 12 3	245690
Maintenance					
VALUE OF MATERIALS IN STORE					
Cement	77308 10 1	76654 - 5	2399582 5 8	2399582 5 8	
English	15278 11 6	- - -	- - -	- - -	
Indian	9984 11 -	4045 7 10	14461 5 5	14461 5 5	
Fuel	- - -	309 10 11	18623 4 3	18623 4 3	
Timber	- - -	5113 6 5	7128 7 7	7128 7 7	
Iron & Steel	224 5 4	388 11 4	19960 14 5	19960 14 5	
General stores	1014 6 9	1151 1 3	14420 10 5	14420 10 5	
Total	103810 5 8	87962 9 2	2474176 5 9	2474176 5 9	

Madras Harbour Works Office
18th March 1899

At 18/3

18/3

G. H. Morogood
Suptt. Madras Harbour Works

No. 15 W

From

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,

To

Col. J. A. M. Shaw, Stuart P. R.
Secretary to Government
P. W. Department, Road, George
Buildings, Fort St. George
MADRAS, 18th March 1899.

Sir,

I have the honor to submit herewith
the statement of expenditure on these works
for the month of February 1899.

I have not arranged the statement
in the form submitted by Mr. Sarkis in his
letter of January 24th 1899, as I am waiting
to discuss the subject with the Examiners P. W.
Accounts on the 20th instant, as directed in G.O.
No 608 W. of February 27.

In the accompanying statement,
the block ground at the South Pier is still
included under "Contingencies," but this can
be transferred to "Block platforms" if the
Examiners approve of that arrangement.

I have the honor to be,
Sir,
Your most obedient servant,

G. H. Morogood, Suptt.
Madras Harbour Works.

At 18/3

N^o 865 Wd/22 March 1879
Recorded.

Buildings & Roads

From
The Superintendent
Madras Harbour Works

No 45 W

Dated 18th March 1879

No of Enclosures 1

Statement of Expenditure

February
Submits - Jan 1879

Sept. Harbour Works
L. P. W. A. 7
Sept 19-4-79

With order

At 20/3

Cm 2365

Govt. of (1879) Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 22 Mar 1879, No. 8654

Nos. 266-267

Madras Harbour Works
Statement of Expenditure
on the — for Feb 1879.
accounted.

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