

(1) Number of pages 16
 (2) Date of repair 28.7.86
 (3) Initials of the Referencer lcv

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D DEPARTMENT

G.O. No.	1930 W	Press.
B.P. No.		Mis.
Dated	23.4.1878	~~1978~~

Not to be folded or roughly handled

B.S. 21

1930/1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

23rd April 1878, No. 1,930 W.

Buildings and Roads.
Civil Works.

Read the following paper:—

No. 242. From N. St. B. BEARDMORE, Esq., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, Roads and Buildings, dated Madras, 15th April 1878, No. 3 W.

WITH reference to my letter, No. 1 W, dated 1st instant, reporting the progress of these works to the end of March 1878, I have now the honor to forward a statement showing the expenditure on these works to the end of the same period.

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

Heads of Estimate.	Cost for February 1878.	Cost for March 1878.	Cost to end of March 1878.	Total Cost.	Estimate.	Remarks.
<i>Preliminary Works.</i>	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS.	
Detailed Survey, taking sections, soundings, &c., &c.	111 12 9	89 15 0	3,815 8 8	8,855 13 6	5,000	
Marine Surveys ..	180 2 7	250 9 10	5,040 4 10			
<i>Railways—</i>						
Rails from Eng-land.	..	..	1,38,403 7 8	2,45,975 15 8	1,50,000	
Sleepers ..	..	..	39,385 7 5			
Formation ..	731 11 0	..	68,187 0 7			
<i>Opening quarries ..</i>	11 15 8	5 14 7	2,389 2 8	2,389 2 8	10,000	
Preparing block ground.	..	70 5 7	42,647 1 9	42,647 1 9	65,000	
Jetties for loading stone.	..	..	..	..	46,000	
Buildings ..	781 0 10	683 1 0	57,752 7 10	57,752 7 10	75,000	
Recovery ..	1 2 0	..	..	..	..	
Land ..	..	1,220 6 4	1,220 6 4	1,220 6 4	30,000	
<i>Plant.</i>						
Locomotive engines ..	8 8 2	8 8 0	44,329 13 8	44,329 13 8	60,000	
Rolling stock ..	506 3 4	845 1 10	13,488 2 2	13,488 2 2	35,000	
Floating plant ..	271 12 0	371 13 9	1,39,950 6 8	1,39,950 6 8	1,45,000	
Machinery, cranes, &c.	840 14 0	2,674 12 4	2,59,710 7 5	2,59,710 7 5	1,25,000	
Quarry and general tools.	2,420 12 7	676 10 3	30,601 11 7	30,601 11 7	50,000	
Buoys and beacons, &c.	41 2 0	..	693 1 7	693 1 7	2,000	
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	2,37,180	
Rubble base ..	5,640 6 3	7,307 7 5	56,178 11 0	56,178 11 0	4,82,680	
Concrete block-setting.	3,275 0 9	3,969 6 5	38,031 4 3	38,031 4 3	3,06,500	
Light-house ..	..	..	..	..	30,000	
Extra rubble ..	..	..	1,770 5 10	1,770 5 10	1,00,000	

Outlay on Madras Harbour Works up to 31st March 1878—(Continued).

Heads of Estimate.	Cost for February 1878.	Cost for March 1878.	Cost to end of March 1878.	Total Cost.	Estimate.	Remarks.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS.	
<i>Construction of Piers—</i> (Contd.)						
<i>South Pier:</i>						
Surf bank	52 8 0	112 2 0	66,269 11 0	66,269 11 0	2,37,180	
Rubble base	7,644 6 1	8,919 15 9	43,899 12 6	43,899 12 6	4,82,680	
Concrete block-setting.	2,316 12 7	3,375 8 0	10,538 6 4	10,538 6 4	3,06,500	
Light-house	..	..	..	..	30,000	
Concrete block-making for North and South Piers.	25,454 5 7	39,754 8 8	2,71,611 13 3	2,71,611 13 3	20,01,000	
Recovery	..	3 6 0	..	..	..	
<i>Establishment.</i>						
Salaries	2,796 0 0	4,188 7 11	1,18,245 11 0	1,18,245 11 0	1,38,794 12 8	2,45,690
Office contingencies ..	101 8 0	15 12 6	1,789 14 2	1,789 14 2		
Recovery	1 8 0	84 0 8	..	..		
Travelling allowances..	130 7 10	70 0 0	18,593 13 1	18,593 13 1		
Medical	41 13 11	..	164 6 5	164 6 5		
<i>Contingencies at 5 per cent. on Total Estimate.</i>						
Prince of Wales' visit and other contingen- cies.	546 4 1	256 9 8	14,076 2 8	14,076 2 8	21,941 3 5	2,45,690
Recovery	..	4 4 0	..	..		
Protecting North Beach.	..	..	7,865 0 9	7,865 0 9		
Materials at site	53,902 13 0	74,753 6 4	16,75,438 3 5	16,75,438 3 5		
	2,403 13 6	..	2,808 7 1	2,808 7 1		
Total	56,306 10 6	74,753 6 4	16,78,246 10 6	16,78,246 10 6		

MADRAS,
13th April 1878.

(Signed)

N. ST. B. BEARDMORE,
Ag. Supt., Madras Harbour Works.

No. 243. ORDER THEREON, 23rd April 1878, No. 1,930 W.

RECORDED in continuation of G.O., No. 1,929 W, dated the 23rd April 1878.

(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. C. Howarth.
Spare Copies

BUILDINGS AND ROADS
CIVIL WORKS.

Sebt. of (1878) Madras.

PUBLIC WORKS.

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

Dated April 23rd.

Issued

Recd.

Encl.

G. O., 23rd April 1878, No. 1,330 W.

APRIL

Nos. 242-243.

Madras Harbour Works.—Statement of
expenditure on the — during March 1878,
recorded.

1930
3

BUILDINGS AND RO
CIVIL WORKS.
Cest. of (1878) 3
PUBLIC WORK

From
The Superintendent,
Madras Harbour Works.
To The Under Secretary
to Government
P.W. Dept
Fort St. George
Dated 2^d } May 1878
Recd.

ENCLOSURE
No.

Proof of Rs. 1930 11.
sent for the approval
of the Harbour Super
is herewith returned as
proved.
Rath of B. Beardmore
Asst. Superintendent
M. H. Works

Madras Harbour Works.—Sta
expenditure on the — during M
recorded.

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

Heads of Estimate	Cost for February 1878	Cost for March 1878	Cost Grand March 1878	Total Cost. Estimate	Remarks
<u>Preliminary Works</u>					
Detailed Survey, taking sections					
Soundings &c. &c.	118 12 9	89 15	3815 8 8		
Marine Surveys	180 3 7	250 9 10	5040 4 10	8855 13 6	5000
Railways					
Rails from England—			135403 7 8		
Slaps—			39355 7 5	245975 15 8	150000
Formation—	731 11		68187 7		
Opening Quarries—	11 15 8	5 14 7	2389 2 8	2389 2 8	10000
Preparing Black ground—		70 5 7	42647 1 9	42647 1 9	65000
Jetties for loading stone—					45000
Buildings—	781 10	663 1	57752 7 10	57752 7 10	75000
Land—		1220 6 4	1220 6 4	1220 6 4	50000
<u>Plant.</u>					
Locomotive Engines—	8 8 2	6 8	44329 13 8	44329 13 8	60200
Rolling Stock—	508 3 4	845 1 10	13488 2 2	13488 2 2	35000
Shedding Plant—	271 12	371 13 9	139950 6 8	139950 6 8	145000
Machinery Cranes &c.	840 14	2674 12 4	259710 7 5	259710 7 5	125000
Quarry and General Tools—	2420 12 7	676 10 3	30601 11 7	30601 11 7	50000
Buoys and Beacons &c.	41 2		693 1 7	693 1 7	3000
Office Furniture—			3971 9 5	3971 9 5	2000
<u>Construction of Piers</u>					
<u>North Pier</u>					
Surf Bank—					
Rubble Base—			17485 14 11	17485 14 11	237180
Concrete Blocksetting—	5640 6 3	7307 7 5	58178 11	5617 11	482650
Lighthouse—	3275 9	3969 6 5	38031 4 3	38031 4 3	30000
Extra Rubble—				5 10	100000
<u>South Pier</u>					
Surf Bank—					
Rubble Base—	52 8	112 2	16269 11	16269 11	237180
Concrete Blocksetting—	7444 6 1	8015 15 0	13800 12 6	13800 12 6	30000
Lighthouse—	2316 12 7				
Concrete Blockmaking for North and South Piers—	25454 5 7	39754 5 8	27164 13 3	27164 13 3	200000
Carried over—	50288 5 2	70310 12 9	154702 5 4	154702 5 4	

	Cost for March 1878	Cost for end March 1878	Total Cost	Estimate	Remarks
2	70310 12 9	1514702 3 4	1514702 3 4		

-	4188 7 11	118246 11 -	138794 12 8	2,45690
-	1512 6	1789 14 2		
10	70 - -	18593 13 1		
11	" - -	164 6 5		

1	256 9 8	14076 2 8	21941 3 3	2,45690
-	- - -	7865 - 9		

3	74753 6 4	1675438 3 5	1675438 3 5
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36	- - -	2808 7 1	2808 7 1
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0 b.	74753 6 4	1675438 10 6	1675438 10 6
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Natho. J. Searmore
 Ag. Superintendent
 Madras Harbour Works

13/4

No. 311.

1930/6

From

THE SUPERINTENDENT,
 MADRAS HARBOUR WORKS.

To Colonel E. A. Ford, R.E.

Secretary to Government, P.W. Dept.
 for Roads & Buildings,
 Fort Saint George,
 MADRAS, 15th April 1878.

Sir,

With reference to my Letter No. 111,
 dated 1st instant, reporting the progress of
 these works to the end of March 1878. I
 have now the honor to forward a statement
 showing the expenditure on these works
 to the end of the same period.

I have the honor to be,

Sir,

Your most Obedient Servant

Natho. J. Searmore

Ag. Superintendent

Madras Harbour Works

1930
7

G.O. 1522. W-26-3-78.

Roads & Buildings

From the Asst Superintendent
Madras Harbour Works

Am to Mr. Mr. Mr. Mr.
Mr. Mr. Mr. Mr.

No. 312
Dated 15th April 1878

No. of Enclosures 1 B.R. Clerk
No. 1930 W & B. April 78
Recorded in Cont.
of G.O. No. 1929 W dated
the 2nd April 1878.
W.F. 2/4

Expenditure

Forwards a statement show-
ing the Expenditure on the
works to the end of March 1878.

R. 23/4/78
2 Cir 20-4-78 Rtd 23-4-78
Col. 16-4-78

Supt. M.H.W. 23/4
E. J. A. B. 23/4
Capt. 25-4-78

1930
8

4574

Govt. of 1878: ~~India~~

PUBLIC WORKS.

To

Harbour Works

Dated

Issued

Recd.

Encl.

G. O., 23 ~~Mar~~ 1878, No. 1930 W

Nos.

Madras Harbour Works

Statement of expenditure on the
—, during March 1878, recd.

— ~~Auto~~ in Repr.