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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No.	2227-W	Press
B.P. No.		Mis.
Dated	21/5/1878	197

AVS

Not to be folded or roughly handled

GOVERNMENT OF MADRAS
PUBLIC WORKS DEPARTMENT

21st May 1878, No 2,227 W.

Buildings and Roads.
Civil Works.

Read the following paper —

No 228 From N. Sr B BEARDMORE, Esq, Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 16th May 1878, No. 8 W.

With reference to my letter, No 4 W, of the 1st instant, reporting the progress of these works to the end of the month of April 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 30th April 1878

Heads of Estimate	Cost for March 1878	Cost for April 1878	Cost to end of April 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 section, soundings, &c, Marine Survey.	89 15 0	100 3 1	3,915 11 9	9,432 0 2	5,000	
	250 9 10	475 15 7	5,516 4 5			
<i>Railways—</i>						
Rails from England	..		1,38,403 7 8			
Sleepers	..		39,385 7 6	2,45,975 15 8	1,00,000	
Formation	..		68,187 0 7			
Opening quarries	5 14 7	7 4 0	2,358 6 8	2,358 6 8	10,000	
Preparing block ground	70 5 7	1,244 12 6	43,891 14 3	43,891 14 3	61,000	
Jetties for loading stone					45,000	
Buildings	663 1 0	112 0 1	57,864 7 11	57,864 7 11	70,000	
Land	1,220 6 4	..	1,220 6 4	1,220 6 4	30,000	
<i>Plant</i>						
Locomotive engines	6 8 0	..	44,329 13 8	44,329 13 8	60,000	
Rolling-stock	845 1 10	84 0 6	13,572 2 6	13,572 2 6	30,000	
Floating plant	371 13 9	27 11 9	1,39,978 2 5	1,39,978 2 5	1,40,000	
Machinery, cranes, &c	2,674 12 4	82 14 0	2,59,793 5 5	2,59,793 5 5	1,20,000	
Quarry and general tools	676 10 3	82 10 8	30,684 6 2	30,684 6 3	60,000	
Buoys and beacons, &c	..	..	693 1 7	693 1 7	3,000	
Office furniture	..	..	3,971 9 5	3,971 9 5	2,000	
<i>Construction of Piers</i>						
<i>North Pier</i>						
Suif bank			1,74,815 14 11	1,74,815 14 11	2,37,180	
Rubble base	7,307 7 5	7,143 10 6	63,322 5 6	63,322 5 6	4,82,680	
Concrete block settings	8,969 6 5	2,335 13 6	40,324 5 10	40,324 5 10	3,06,000	
Recovery	..	42 11 11				
Light-house	..	..			30,000	
Extra rubble	..	..	1,770 5 10	1,770 5 10	1,00,000	

2 PUBLIC WORKS DEPARTMENT, 21st May 1878, No. 2,227 W I.

Outlay on Madras Harbour Works up to 30th April 1878—(Concluded)

Heads of Estimate	Cost for March 1878	Cost for April 1878	Cost to end of April 1878	Total Cost	Estimate	Remarks
<i>South Pier</i>						
Surf bank	RS A P 112 2 0	RS A P 8,284 7 7	RS A P 65,269 11 0	RS A P 68,269 11 0	RS 2,37,180	
Public base	89,915 9	8,284 7 7	62,124 4 1	62,124 4 1	4,52,683	
Concrete block-acting	3,876 8 0	2,196 4 6	12,734 9 13	12,734 9 10	3,68,500	
Light house					30,000	
Concrete block making for North and South Piers	4,764 8 8	44,580 0 3	3,16,178 1 6	3,16,178 1 6	29,91,000	
Recovery	3 6 0	15 12 0				
<i>Establishment</i>						
Salaries	4,188 7 11	2,801 12 11	1,21,043 7 11			
Office contingencies	13 12 6	88 8 9	1,873 2 11			
Recovery	84 0 6	0 4 0				
Travelling and wages	70 0 6	273 3 9	18,872 0 10	1,41,563 2 1	2,45,620	
Medical			164 6 5			
Contingencies at 5 per cent on Total Estimate						
Prince of Wales' visit and other contingencies	256 9 8	229 11 6	14,303 14 2			
Recovery	4 4 0	2 0 0	7,865 0 9	22,163 14 11	2,45,620	
Protecting North beach						
Materials at site	74,763 6 4	70,105 4 6	17,45,512 7 11	17,45,643 7 11		
		112 0 0	2,920 7 1	2,920 7 1		
Total	74,763 6 4	70,217 4 6	17,43,493 15 0	17,43,493 15 0		

MADRAS,
16th May 1878

(Signed) N Sr B BEARDMORE,
Ag Supt, Madras Harbour Works

No 229.

ORDER THEREON, 21st May 1878, No. 2,227 W.

ORDERED to be recorded

(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
Sd are Copies

BUILDINGS AND TOWNS
CIVIL WORKS

Govt. of (1878) Madras.
PUBLIC WORKS.

To

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

20th May 1878

For

For

For

C. O., 21st May 1878, No 2227.

MAY.

No. 222-220

3/2227

Cullay, on Madras Harbour Works up to 30th April 1878

4
2227

AD
Madras
S.

From
The Superintendent,
Madras Harbour Works,
To The Under Secretary
to Government,
Public Works Dept
Fort St. George
Dated 31st May 1878.
Recd
In closure of
No

Original and proof of
G.O. No 2227 W, dated 21st
May 1878, are herewith
returned duly corrected.

Stationer & Beardsmore
Asst Superintendent
M. H. Marks

Heads of Estimate

Cost for March 1878 Cost for April 1878 Cost for April 1878 Total Cost Estimate Remarks

Preliminary Works

Detailed Survey taking Section

Prime Survey	89/5	100 3 1	395 11 9	7482 - 2	5000	
Railways	250 9 10	475 15 7	5516 4 5			
Rails from England	...	...	138203 7 8			
Ships	...	...	39385 7 5	245775 15 8	150000	
Formation	...	...	68127 - 7			
Opening Quarries	514 7	7 4	2396 6 2	2396 6 2	10000	
Preparing Block ground	70 5 7	1244 12 6	43871 14 3	43871 14 3	65000	
Stones for loading Stone	...	...	...	...	45000	
Buildings	663 1	112 - 1	59264 7 11	57864 7 11	75000	
Land	1220 6 4	...	1220 6 4	1220 6 4	30000	

Plant

Locomotive Engines	6 2	...	44329 13 8	44329 13 8	60000	
Rolling Stock	845 1 10	84 - 6	13572 2 8	13572 2 8	35000	
Floating Plant	371 13 9	27 11 4	139978 2 5	139978 2 5	145000	
Machinery Cranes &c	2674 12 4	82 14	2597793 5 5	2597793 5 5	125000	
Quarry and General Tools	676 10 3	82 10 8	30684 6 3	30684 6 3	50000	
Buoys and Beacons &c	...	...	693 1 7	693 1 7	3000	
Office Furniture	...	...	3971 9 5	3971 9 5	2000	

Construction of Piers

North Pier

Bank	...	...	174815 14 11	174815 14 11	237180	
Rubble Base	7307 7 5	7143 10 6	63322 5 6	63322 5 6	482600	
Concrete Block Settings	5969 6 5	2338 13 6	40324 5 10	40324 5 10	306500	
Light House	...	...	...	...	30000	
Sea Rubble	...	...	1770 5 10	1770 5 10	100000	

South Pier

Sea Bank	112 2	...	66269 11	66269 11	237120	
Rubble Base	8919 15 9	8294 7 7	52194 4 1	52194 4 1	482680	
Concrete Block Setting	3375 8	2196 3 6	12734 9 10	12734 9 10	306500	
Lighthouse	...	...	...	...	30000	

Concrete Block making for 18 Piers	39754 8 8	44520 - 3	516176 1 6	516176 1 6	2201000	
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Grand Total

70210 12 9 66707 3 7 1521411 6 11 1521411 6 11

Brought forward— 7,0310 129 66709 37 1581411 6 11 1581411 6 11
 Establishment.

Salaries	4158 7 11	2801 12 11	121048 7 11	
Office Contingencies	15 12 6	88 8 9	1878 2 11	141963 2 1
Travelling Allowances	70 ..	278 3 9	18872 .. 10	245690
Medical	..	..	164 6 5	

Contingencies at 5 per Cent
 on total Estimate

Pieces of Wales' soil & other Contingencies	256 9 8	229 11 6	14308 14 2	22168 14 11	245690
Protecting North Beach	..	..	7865 .. 98		
	74753 6 4	70105 4 6	1745543 7 11	1745543 7 11	
Materials @ Site	..	112 ..	2920 7 1	2920 7 1	
Total	74753 6 4	70217 4 6	1748463 15 ..	1748463 15 ..	

2227

Madras 16th May 1878

Rathnabearum
 Ag. Superintendent
 Madras Harbour Works

From

2227

THE SUPERINTENDENT,
 MADRAS HARBOUR WORKS,

To Colund E. A. Ford R. E.
 Secretary to Government, P.W. Dept
 for Roads & Buildings,
 Fort St. George,
 MADRAS, 12 May 1878.

SIR,

With reference to my Letter No. 418
 of the 1st instant, reporting the progress of these
 works to the end of the month of April 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,
 Rathnabearum
 Ag. Superintendent
 Madras Harbour Works

S. O. 1930-22 4-78.

Roads & Buildings

From
The ^{Asst} Superintendent
Madras Harbour Works

4814
Dated 16th May 1878

No of Enclosures ^{131 R} of works

No 2227 of 21 May/78

Recorded
at 10/5

Supt. M. A. Nair
Ex. J. W. A. S

Dec 17-78
Expenditure

Forward Statement
showing Expenditure on the
works during April 1878

is 20.5.78. Rtd 21-5-78
Supt. 17 5-78

5668

Govt. of (1878) Madras.

PUBLIC WORKS.

To the Supt. M. H. Works

Dated

Issued

Recd.

Recd.

G. O. 21 May 1878, No. 2227H

No.

Madras Harbour Works

Statement of expenditure
on the —, during April 78
recorded.

Antonio Negri