

- (1) பக்கங்களின் எண்ணிக்கை 18
(2) புதுக்கித் திருப்பிய நாள் Nov - 1890
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/2

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு .

PWD துறை

(61)

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>97</u>	அச்சகம் பலவகை
நாள் : <u>9-1-1892</u>		<u>198</u>

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

9 Shats
84 1st atemut

9TH JANUARY 1892, No. 97 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 19th December 1891, No. 2667.

I have the honour to submit, herewith, for the information of Government, the statement of progress made upon the Madras Harbour Works during the month of November 1891 together with the usual tracing.

ENCLOSURES.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras at a meeting held at the offices of the Board, on Friday, the 18th day of December 1891.

2. Examined statement of progress made on the Madras Harbour Works during the month of November 1891, together with a tracing.

Recorded and resolved that this report be submitted to Government.

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

No. of item.		Particulars and quantity of work, &c.	Sub-heads of work.	NORTH PIER.						SOUTH PIER.						RAILWAY LINES.						Total expenditure during November 1890.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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1		Rubble stone deposited from boats ..	Tons.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

All casks of cement received on works during November, containing 76 casks of cement balance in store at end of November.

MADRAS,

5th December 1891.

(Signed) R. W. THOMPSON,
Acting Engineer, Harbour Trust Board.

No. 22.

Transferred to the Public Works Department.

6th January 1892.

(Signed) J. F. PRICE,
Chief Secretary.

ORDER—dated 9th January 1892, No. 97 W., Public Works.

Recorded.

(True Extract.)

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

To the Chairman, Harbour Trust Board.
" Marine Department.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated January, 9th.

Recd.

Encl.

G.O., 9th Jan. 1892, No. 97 W.

JANUARY.

Madras Harbour Works

Statement of progress made upon the —
during the month of November 1891, re-
corded.

30TH NOVEMBER 1891, No. 3201 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, to the Chief
Secretary to Government, dated Madras, 21st November 1891, No. 2312.

I have the honour to submit, herewith, for the information of Government, a
statement of progress made upon the Madras Harbour Works during the month of
October 1891, accompanied by the usual tracing.

ENCLOSURES.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras, at a meeting held at the
Offices of the Board, on Friday, the 20th day of November 1891.

4. Examined statement and plan of progress made upon the Madras Harbour Works during
the month of October 1891.
Recorded and resolved that this report be submitted to Government.

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

No. of item.	Particulars and quantity of work, &c.	Sub-heads of work.	NORTH PIER.						SOUTH PIER.						RAILWAY LINES.				Total expenditure during October 1891.
			Rubble base.	Pier head.	Wave-breaker.	Concrete capping.	Base protection.	Rubble base.	Pier head.	Wave-breaker.	Concrete capping.	Base protection.	At works.	At quarries.	Sand line.	Beach improvements.	Concrete block-making.	Protective works.	
1	Rubble stone deposited from boats	Tons.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Q	R
2	Do. do. from wagons	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
3	Total quantity rubble stone received on works	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
4	Do. blasted chips	do.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
5	Concrete blocks, set by divers	Number.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
6	Do. deposited in wave-breaker	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
7	Do. made for superstructure	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
8	Do. pier head	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9	Wrought-iron clamp fixed in position	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
10	Total outturn of concrete	C. yds.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
11	Advance or progress of completed superstructure	Ry. ft.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
12	Rubble base protected with concrete	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
13	Metre gauge, 40 lb. per yard laid new	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
14	Do. relaid or renewed	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
15	Do. taken up	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
16	Broad gauge, 60 lb. per yard laid	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
17	Do. relaid or renewed	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
18	Do. taken up	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
19	Titan gauge, 75 lb. per yard laid new	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
20	Do. relaid or renewed	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
21	Do. taken up	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
22	Do.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
23	Do.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
24	Approximate expenditure under sub-heads of work	Rs.	418	2,211	478	..	1,220	278	1,363	409	..	4	..	..	..	..	2,566	3,101	20,210

Quantity due on indenta.—Nil.

Nil casks of cement received on works during October 1891, containing
64½ do. issued for do.
11,890 do. balance in store at end of do.

MADRAS,

7th November 1891.

(Signed) A. LEE POGSON,

Transferred to the Public Works Department.

(Signed) J. F. PRICE,
Chief Secretary.

25th November 1891.

ORDER—dated 30th November 1891, No. 3201 W., Public Works.

Recorded.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chairman, Harbour Trust Board.
" Marine Department.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated November, 30th.

Recd.

Encl.

G.O., 30th Nov. 1891, No. 3201 W.

NOVEMBER.

Madras Harbour Works

Statement of progress made upon the
— during the month of October 1891,
recorded.

EXTRACT of Proceedings of the TRUSTEES OF THE HARBOUR
OF MADRAS, at a Meeting held at the Offices of the
Board on Friday the 18th day
of December 1891.

2. Examined statement of progress
made on the Madras Harbour Works
during the month of November 1891
together with a tracing.

Recorded, and resolved that this
report be submitted to Government.

(True Extract)



C. Pinckney
Secretary
Harbour Trust Board

57

68

C. E. for Dring. ✓

C. E. for Rep. ✓

Exp. W. Accts. ✓

Exp. Ly. Accts. ✓

S. Es. ✓

C. H. to G. H. ✓

Soft. Per. in Prop. ✓

Q

3/3

Harbour Trust Board Office.

MADRAS, 19th December 1891.

No. 2667

97

From

W. A. Austin Esq. & Co.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

To

The Honorable J. F. Price Esq.

CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

Sir,

I have the honor to acknowledge the receipt of your letter of the 17th inst. in relation of Government the statement of progress made upon the Madras Harbour works during the month of November 1891 together with the usual tracing.

I have the honor to be

Yours obedient servant

W. A. Austin

Chairman
Harbour Trust Board

97
15/8

MARINE DEPARTMENT.

P. W. CURRENT No. 1621

FROM

THE CHAIRMAN,

HARBOUR TRUST BOARD,

MADRAS.

TO

THE CHIEF SECRETARY TO GOVERNMENT,

Marine Department

DATED

19

RECEIVED

ENCLOSURE

(3)

No.

2667

SUBJECT.

Submitting for the in-
formation of Govern-
ment progress reports
on the Madras Harbour
Works for the month of
November 1891 with the
No. 32015 of 30-11-91.

Transferred

76 January 1892 No 22
Transferred to the
Public works Dept.
Madras
Chief Secy

70B

4/1/92

13th P
civil works
No. 97 W. of 9 January 92

Recorded.

0013
7-1-92

The Chairman H. T. Board
Marine Dept.

C. No 162

Govt. of Madras

PUBLIC WORKS

9th January 92 97.4%

Madras Harbour Works

Statement of progress
made upon the —
during the month of
November 1891, recorded

60
3