

- (1) பக்கங்களின் எண்ணிக்கை 16
 (2) புதுக்கித் திருப்பிய நாள் 6-88 ✓
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் bu

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பெருமாள் துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1219w	அச்சகம் பலவகை
நாள் :	25-4-1888	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

1927

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

G.O., dated 10th April 1888, Mis. No. 56 R., Marine.

Read—the following letter from R. W. BARLOW, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 21st March 1888, No. 7551.

I have the honor to submit herewith, for the approval of Government, under section 64 of Act II of 1886, an estimate with covering letter from the Board's Engineer, No. 1469, dated 29th February 1888 (in original to be returned), for Rs. 29,881 for repairs to the iron screw pile pier approved and sanctioned by the Board at their meeting of the 8th instant.

2. As this work consists chiefly of renewals of beams and planks in the timber-work where now defective, and in the renewal of the iron bracings, clasps and tie-rods where necessary, many having gradually given way for years past, I am unable to submit any drawing with this estimate, although by the wording of the section, a plan should accompany it, but the nature of the work renders this impossible, and the Engineer's letter will fully explain the nature of the repairs and the necessity for them.

3. The earth-work embankment, referred to in paragraph 2 of the Engineer's letter, is at the shore end of the pier, and is being constructed upon the sandy fore-shore. It has these advantages. (a) It costs much less than new timber and planking would, the whole of which at this portion of the pier needed renewal, the beams in many places being quite rotten. (b) It enables the lines of rails being lowered by about 29 inches, made up thus:—Cross beams 13 inches, longitudinal beams 13 inches, deck planking 3 inches, all of which were above the pile heads, which will now be flush with the ground. (c) This will enable the line of rails across the road into the Custom House being brought to the roadway on a level, instead of as at present upon a steep gradient, which renders it almost impossible properly to control the trucks as they cross the road, and is a constant source of danger to public traffic.

4. The screw piles of the pier will be left embedded in the sand embankment, and will remain ready for use, should it be found necessary, at any future time, to relay the wooden beams and deck.

5. The work will be carried out departmentally, and will extend throughout probably the whole of the official year 1888-89. Tenders for particular portions will be invited if considered advantageous.

6. Provision has been made in the budget for only Rs. 25,000, and this will probably be more than sufficient for these particular repairs, as the cost thereof should be credited with the amount realized by the sale of old and unserviceable material removed and replaced by new. Thus the budget provision although apparently insufficient will probably be ample to provide for other petty repairs, such as new ladders, new rails, &c., now in hand, or in contemplation. Only a very small portion

25TH APRIL 1888, No. 1219 W., PUBLIC WORKS.

of the timber has yet been renewed, but the old teakwood beams, though more or less rotten and unserviceable for any work in connection with the harbour petty construction, fetched very good prices at public auction, considering their condition at a recent sale.

Order—dated 10th April 1888, No. 56 R., Marine.

Transferred to the Public Works Department.

(True Extract.)

(Signed)

W. S. MEYER,
Assistant Secretary.

To the Public Works Department, with papers.

ORDER—dated 25th April 1888, No. 1219 W., Public Works.

The estimate, amounting to Rs. 29,881, for repairs to the iron screw pile pier at Madras, is sanctioned under section 64, Act II of 1886.

(True Extract.)

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

To the Chairman, Madras Harbour Trust Board, with two enclosures.
„ Marine Department.

Exd. E. A. Hankins.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of 1888 Madras.
PUBLIC WORKS.

Dated April, 25th.

Recd.

Encl.

G.O., 25th Apr. 1888, No. 1219 W.

APRIL.

Iron Screw Pile Pier at
Madras

Estimate for repairs to the —, sanctioned.

Public Works Department.

Current No.

3421

1219
3

Letter No.

5 C.R.

Dated

10th April 1888

From the

Secy. to Govt. Madras
Dept.

NOTE OF REMARKS.

The estimate under
review amounting to
Rs 29,881 provides for
the repair of the iron
screw pile pier at
Madras.

The following is
a summary of the
work proposed to
be carried out.

The present work
planned where the
pier to be renewed
also the iron bracing,
the rods where necessary,
the union screw being
adopted instead of
the ordinary screw in
use at present, and

~~The estimate of this pier~~
~~is to be submitted.~~

No plan is submitted
and the estimate is
not in proper form
within is it correct.
Signed by the
Chairman of the
Harbour Trust Board

The rate for timber
is fair the other rates
cannot be checked

Reference is made
Superintendent and
Chairman's letter to
Governor King the
short end of this pier
but no provision is made
for the pier estimate
for this item -

Enc.

The estimate of 17/4/88.
forms part of another list
of minor improvements to
the Pier. The present list
is only for two or three items.
It may be sanctioned
17.4

Harbour Trust Board Office,

MADRAS, 21st March 1888.

Despatched on 29th March 1888

No. 7537.

1219
4

FROM

A. W. Barlow Esquire C. S.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS,

TO

The Honorable Mr. H. E. Stokes,

CHIEF SECRETARY TO GOVERNMENT,

Marine Department.

Fort Saint George.

Sir

I have the honor to submit here-
with, for the approval of Government
under Section 64 of Act II of 1886, an
estimate with covering letter from the
Board's Engineer, No. 1469 dated 29th February
1888 (in original to be returned) for
Rupees 29,881/- for repairs to the Iron
Screw Pile Pier approved and sanctioned
by the Board at their meeting of
the 8th instant.

2. As this work consists chiefly
of renewals of beams and planks in
the timber-work, where now defective,
and in the renewal of the iron bracing
clamps and tierods, where necessary,
many having gradually given way for
years

years past, I am unable to furnish any drawing with this estimate, although by the working of the section a plan should accompany it, but the nature of the work renders this impossible, and the Engineers' letter will fully explain the nature of the repairs and the necessity for them.

3. The earthenwork embankment, referred to in para 2 of the Engineers' letter, is at the shore end of the Pier, and is being constructed upon the sandy foreshore. It has these advantages (a) It costs much less than new timber and plank work; the whole of which at this portion of the Pier needed renewal, the beams in many places being quite rotten. (b) It enables the lines of rails being lowered by about 29 inches, made up thus:—Cross beams 13" longitudinal beams 13" deck planking 3", all of which were above the pile heads, which will now be flush with the ground; (c) This will enable the line of rails across the road into the Customs House being brought to the roadway on a level, instead of as at present upon a steep gradient, which renders it almost impossible properly to control the

the trucks as they cross the road, and is a constant source of danger to public traffic. 12/19/5

4. The screw piles of the Pier will be left imbedded in the sand embankment, and will remain ready for use should it be found necessary at any future time, to relay the wooden beams and deck.

5. The work will be carried out departmentally, and will extend throughout probably the whole of the official year 1888/89. Tenders for particular portions will be invited if considered advantageous.

6. Provision has been made in the Budget for only Rs 25,000/- and this will probably be more than sufficient, for these particular repairs, the cost thereof should be credited with the amount realized by sale of old and unserviceable material removed and replaced by new. Thus the Budget provision although apparently insufficient will probably be able to provide for other petty repairs, such as new ladders new tools &c now in hand

or in Contemplation. Only a very
small portion of the timber has
yet been renewed, but the old
teakwood beams - though more
or less rotten and unsuited
for any work in place with
the Harbour piers etc. fetched
very good prices at public Auction,
Considering ^{their} Condition, at a recent
sale.

I have the honor to be
Sir
Your most obedient servant

P. sec

W. Moorson
Chairman
Harbour Trust Board.

E. 1
PW 3431/88



Marine Department.

1219
6

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper

from the Chairman Harbour Trust
Board, of 21st March 1888 No 7551.

Order 10 April 1888 No 56R

Transferred to the Public
Works Department.

(True Extract)

Asst. Secy
Assistant Secretary

To

The Public Works Dept.

with papers.

1219
7

No 500 No of 11. 2. 88

3152 No of 21-11-87

B & R
Clarke

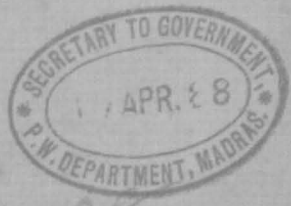
No 1219 No of 25 April

A

1888

To

The P.W. Dept



The estimate amounting
to Rs. 29,881. for repairs
to the iron screw pile pier
at Madras, is sanctioned
under Section 64 Act
II of 1886.

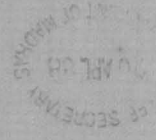
Proceedings, dated 10 April 1888
No. 5612

Subject.

Q. 3

Mem
10. 4. 88

For
19/4/88



W. S. Corp

The Chairman M. M. Board
with 2 Enclosures
Marine Deptt

W. S. Corp

4/5

O.S. 48. IV 12. 25. 4. 88

Copy to Secy: 14/4/88 Mm: 21. 4. 88 Am: 23/4

With order.

Chief Secy

1219
8

Govt. of (1888) Madras.

PUBLIC WORKS.

25/4/88

Dated

Recd.

Encl.

G.O. ~~1219~~ 25/4/1888 No. 1219 W.

Iron screw pile p.c.
at Madras.

Estimate for repairs to the
— Sanctioned.

25/4

25/4/88