

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No.	1342	Press
468		Mis.
Dated	29-5-	1872.

Not to be folded or roughly handled



Copy 11/11/18

1342
The Secretary to the
Govt. of India. B. D.

and I am directed by
the Right Honble the Gover-
nor in Council to address
the Govt. of India in con-
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No 867 of 12 March 1894
relative to the construction
of a Breakwater at Madras.

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J. D. S.

I would request
that a copy of
this letter be
sent to the
State for his information

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105

Mr. Robertson states that
he has come to the same
conclusion with the com-
mittee, whose report ac-
companied the letter
above mentioned, and
is now submitted,
in preferring a Break-
water to any enclosed
Harbour, because
for an equal sum of
money it will give much
more deep water: & if
it will create a con-
siderable length of suf-
ficiently smooth water
at the coast line to en-
able boats to land: & to
be come together and

be a great advantage
to the trade & to the
people of the place
in general.

3. It will be a great advantage
to the trade & to the
people of the place
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Mr. Robertson further
agrees with the Committee
as to the length of the
breakwater, but depre-
cates & playing off the
ends, so as to give the
greatest amount of
shelter with a given
length. He is of opinion

too that looking at the things &
 into consideration the
 depth of water, just below
 the 7 fathom line,
 fixed by the committee
 for the sake of the work
 is the most suitable
 that could be chosen.
 He would assimilate
 the sea slopes for the
 water breakwater
 at Portland, and he
 proposes to carry out the
 work within 2 years
 after the construction of
 a pier 1200 yards long
 or out to the side of the
 work, on which he would
 run out all the material
 to be used. and his

estimate amounts to
 Rs. 131, 10, 000, or almost
 exactly what the Com-
 mittee stated as the maxi-
 mum cost of their pro-
 posals viz. 1 1/3 million
 sterling. Finally, though
 approving of a break-
 water in the abstract,
 Mr. Robertson states his
 impression that before
 any work can be safely
 commenced, more in-
 formation is needed as to
 the littoral currents and
 the quantity of sand in
 motion on the coast.
 This Govt. I am
 desired to state, have

the work as planned by
the Committee, with few
alterations, shall
be sanctioned for im-
mediate execution from
loan funds at a proba-
ble cost of 1/3 million
sterling: and that the
Govt. of India will be
pleased to allot the sum
of Rs. 14,00,000 for the
expenditure during
the current year
1872-73, to provide for
the following outlay, viz:-

Plant and Tools	Rs. 1,20,000
20 Barges	80,000
4 Steam Tugs	2,00,000
Shipping Pier	4,00,000
Quarry Work	5,00,000
Superintendence	50,000
Contingencies	50,000

Rs. 14,00,000



The necessity for
early action has very
lately been enforced upon
this Govt. by the disas-
trous storm of the 2nd May
in which so much life
and property, were en-
dangered and lost, and
they trust that the in-
formation formerly laid
before the Govt. of India
and now completed, will
be deemed satisfactory
and conclusive enough
to ensure such action
being provided for in
next Official year.

4D

Mr. S. Deshpande 29/5/72 is an
Extract from Chief Engr's Memo:
1 Copy of Mr. Robertson's report on
Madras harbours, 1 Report of the
Breakwater Committee with Engr's
letter by 867 of 1869.
6 printed copies despatched 8/6/72.

G.M.W.
27-5-72

Govt. of 1872 Madras.
PUBLIC WORKS.

To The Secretary to the Govt.
of India

Dated

Recd.

Encl.

G. O. 29 May No. 1342:

Nos. 468

Breakwater at Madras
Requesting ^{sanction} the favorable
consideration for the construction
of a Breakwater at
Madras & for the allotment
of funds for carrying it out.

1/11/72