

MADRAS RECORD OFFICE.

Government of Madras.

Marine DEPARTMENT.

G.O. No.	17	Press Mis.
Dated	6 - 1 -	1857

Not to be folded or roughly handled

Fort Saint George, Marine Consultation, 11th January 1859.

No. 9. From G. F. COCKBURN, Esq., Assistant Engineer Madras Railway ; to the Secretary to Government, Department of Public Works, Fort Saint George, dated Coimbatore, 10th December 1858.

SIR,

I have the honor to transmit herewith, for the consideration of the Government, four Plans of a landing Pier, and Harbour of refuge at Madras ; with a Specification and Estimate for the 1st Section.

The materials of which it is designed to be constructed, are the same as those employed in the construction of a Harbour of refuge at Dover, and at Algiers ; with the exception that the Harbour at Dover has an *entire* granite facing : the size of the blocks are assumed from the careful experiments of the French at Algiers, the size found by them to be immovable by any force of waves was 353 cubic feet.

The groins on the exterior face of the Work, are designed to keep the current 10 feet clear of the main foundations.

The Circular Mole at the extreme point of the main Pier, is designed to carry a Light House ; that at the end of the South Pier is designed to form a Battery.

The 8 apartments on the groins are designed for the accommodation of the Officials of the harbour, for Police, or Customs Officers, refreshment and waiting rooms.

The arches are designed to give stability to the Sea Wall, and to afford accommodation to the Natives, and for the purposes of a Bazaar, and as far as this is allowed, they will be a source of Revenue.

The Main Pier will on completion give a mile of Wharfage to the largest class of Merchant Vessels, and about 200 acres of good anchorage ground, and about the same extent of both to inferior Vessels.

Piling has not been included in the Estimate as from the bottom being chiefly stiff clay, it does not seem essential.

By starting the Work from opposite the Railway Station so that its Lines of Rail can be directly carried along the Pier, the mouth of the Harbour, with the battery at the end of the Government or South Pier, will be brought under the immediate protection of the Fort.

No. 10. ORDER THEREON, No. 7 ; dated 6th January 1859.

As the Home Authorities have already arranged for the construction of a Pier at Madras, by contract, the Government are not prepared to entertain the scheme submitted with the above letter.

(Signed) T. PYCROFT,
Chief Secretary.

Exd. J. A. Wilson.

No. 7

At

Wp
WM

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already arranged for the construction
of a Pier at Madras, by contract,
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to entertain the scheme submitted
with the above letter.

For Sir George?
6 January 1869.

J.P.

210-86

Copy to Mr G. F. Cockburn
Asst. Engineer Mr. Hindson
Coimbatore with a view
See only 4 Plans
1 Specification
1 Estimate

Dec 21/68