M.R.O. I—77,000—4-6-37.

(1) Number of pages 18

(2) Date of repair 27. 5. 42

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 506 Press Mis.

Dated 6-5- 18 42.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 6th March 1862.

No. 68. Read the following letter from Lieutenant-Colonel A. J. M. BOILEAU, Government Superintendent and Controller Pier Works, to J. D. SIM, Esq., Secretary to Government, P. W. D., dated Camp Ranepet, 23rd October 1861 :—

SIR,

1. As desired in paragraph 4 of the Order of Government, No. 1,879, dated 10th instant, I have the honor to report on the subject of Screw Moorings, as directed in paragraph 3 of the Proceedings of Government, No. 1,390, dated 26th July 1861. The reason that I have not before done so is, that the subject was brought before Government by the Pier Committee in reply to a question put to them by me, and I thought that probably Government would act on their recommendations as set forth in paragraphs 12 and 13 of the Chairman's letter No. 18, dated 27th September 1861, without expecting a special reply from me.

No. 2,426, of the 19th August 1861.

2. By the enclosed copy of a letter* you will observe that the Superintendent of Marine considers "Screw "moorings unsuitable for the Madras Roads, and that one-"arm Anchors are decidedly by preferable," and "that if the Pier Contractor will admit of a fair "and reasonable abatement for the 13 Screw moorings provided for in the contract, it would "be advisable to relinquish them, otherwise it would be better they should be sent out."

3. On a fuller consideration of this subject in Committee, it was agreed that the sum of £1,500 or 1,600 which the Contractor proposed to abate was unreasonably low, and it was recommended that the moorings be furnished in accordance with the Contract, as they may be found useful here, or elsewhere.

4. I propose therefore with the Government permission to inform the Contractor's Agent of the opinion of the Committee, and to state that if he is prepared to abate £3,000 of the Contract sum for the non-supply of the 13 Screw moorings, they need not be furnished, but that if, as he has reported to me, he will take off only £1,500 or 1,600 then that my letter to his address, dispensing with them, must be considered as cancelled, and the moorings should be sent out as per contract.

5. As regards boat moorings' Captain Franklin remarks, "that the question had better be "left open till the Pier is completed, adding that they are not absolutely necessary although no "doubt some would be useful, but the number and position can be much more satisfactorily "settled when the Pier is in use than now."

6. The Committee take the same ground, and as the question is purely a 'marine' one, Captain Franklin and the Master Attendant must be considered as the best judges in the matter. I confess my individual opinion is that it would be desirable, especially, as the Superintendent of Marine says "no doubt some would be useful" to lose no time in the matter, and to order out at once six boat moorings, there being none of the kind available, but only four ship moorings in the Government Stores.

No. 69. ORDER THEREON, 6th March 1862, No. 366.

Proceedings 26th April 1860, No. 859.

Proceedings of Government, 26th July 1861, No. 1,390.

1. On the recommendation of the Pier Committee, the Government resolved in 1860 to have a Wave Screen to the Pier Head, and to dispense with the thirteen Screw Moorings provided for in the Contract. In July last, the idea of a screen was finally abandoned, and Colonel Boileau was asked to report how many moorings would be required. From the papers now before them, the Government observe that Captain Franklin, Superintendent of Marine, considers that Screw Moorings

are not so well adapted for Madras as one-arm Anchors; and that the Pier Committee and Colonel Boileau would dispense with the Moorings, if the Contractor will make a fair reduction in his Contract for them, otherwise, that they would have them sent out as they may be useful here, or elsewhere.

2. The Government, however, resolve now to cancel their former resolution to dispense with the Screw Moorings, and to authorize the Government Superintendent and Controller of Pier Works to call upon the Contractor to furnish the thirteen Screw Moorings which he has covenanted to provide, as though they may not all be required at the Pier they may be found useful elsewhere.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

Pro: 15 Mar 62 Depart.
Pro: of Govt for Mar.
N: 366
Pro: of the Madras Government
8/ 6th March 1862
Cancelling & substituting Mar Coir. tractor No Moorings 13 Screw Moorings.
N: 68: 69

No. 2426.

From

J. J. Franklin Esquire
Superintendent of Marine

To,

Lieut. Colonel A. Boileau
Government Superintendent and
Controller Pier Works.

Sir,

I have the honor to acknowledge receipt of your letter of the 27th instant inquiring with reference to the Proceedings of Government of the 26th ultimo, No. 1390, whether ordinary anchor or Screw moorings are required to be laid down near the Madras Pier and if so how many.—

2 In reply I beg to inform you that in my opinion Screw moorings are unsuitable for the Madras or any other Roads, and that one arm anchors are decidedly preferable. The Government in their Proceedings of the 26th April 1860, No. 869 resolved on the recommendation of the pier Committee, that the 13 Screw moorings which were intended for the use of ships should be dispensed with, but before finally deciding on the point they observe that some moorings will be required if only to secure boats from being dashed against the pier, and desire to be informed what number

number may be necessary.—

3 I think that the question of these moorings had better be left open till the pier is com=pleted. They are not absolutely necessary although no doubt some would be useful but the number and position can be much more satisfactorily settled when the pier is in use than now.—

4 I have already said that anchor moorings are more adapted to an open roadstead than those secured with the screw. The reason is that from the constant friction occasioned by the undulation of the sea the Chains are more likely to part and if the fracture takes place below the sea level the mooring is lost which is not the case with an anchor which can be lifted and removed at pleasure. I therefore the Pier Contractor will admit of a fair and reasonable abatement for the 13 Screw moorings provided for in the Contract. I think it would be advisable to relinquish them and order out hereafter such as may be found on experience to be required. If on the other hand you consider the Allowance he offers to make for them too little it would be better that they be sent out and such of them screwed in as may be thought necessary.

5 This letter is addressed to you in my capacity as Superintendent of Marine. As Chairman of the Pier Committee I will call a meeting on an early day.

Madras
Marine Supt.s Office
29th August 1861

I have the honor to be &c
(Signed) J.J. Franklin
Superintendent of Marine

(True Copy)
Lieut. Coll.
Acting Deputy Chief Engineer C.C.

Dr. 26th April 1860 No 76-78.
Fro. 26th July 1861 N° 365-366
" 10th Oct. " — " 132-133
Copy sin as Letters to England
29th May 1862 N:30

P.W. 1862 D.P.W.
Gen: of Govt for Madras
From No 2397

The Govt. Despatch
and Controller P.W.
&
The Secretary
to Government
of Fort St. George

Dated 23d
Oct 25th October 1862

Enclosure one Return

Report on the
subject of screw
Moorings &c

No 366-6 March

For orders with reference to
the accompanying Memo:

Ap 68

25th July R 27th

Memorandum

(9)

In 1860 [illegible] on the recommendation of the Pier Committee erected three a Wave Screen at the Pier head, & to provide with the 13 Screw Moorings provided for in the Contract.

In July last, the idea of a Screen was finally abandoned, & Col Bolleau was asked to ascertain how many Moorings would be required. Capt Hamilton declares that the Screw Moorings are not so well adapted for Madras as one Armed Anchors, and the Committee & Col Bolleau would this provide such Moorings, if the Contractor will make a fair reduction in his Contract for them, if not they would have

RM 2397/62

such a would be as well this case to call upon the Contractor to furnish the required No of Screw Moorings - There will probably found quite sufficient on Pumpen and of Jetties will be useful elsewhere

from out as they may
be useful here or
elsewhere. Thus the
Inspector really turns
out the Reduction of Rs
made by the Contractors
Rs 1500 or 1600,
while Col Birdwood
& Scott, £3000.

The Pier Committee
state in para 13
of their Interim Report
dated 27th Sept 83,
that the Contractors
demand Rs 2331 each
per Caisson but
finally by Reduction
of Contractors
at the rate of Rs
1230 each.

£79.19.

Screw Moorings

Public Works Dept.

No 366.

Proceedings of the Madras Government

Under date the 6th March 1862.

Read the following letter from the Dept. Supt. & Controller Pier Works.

Reports on the subject of screw moorings in connection with the Madras Pier.

(Here enter 23d October 1861)

Pro: 26 April/60, No 859.

1. On the recommendation of the Pier Committee, the Govt. resolved in 1860 to have a wave screen to the Pier head, and to dispense with the 13 screw moorings provided for in the Contract. In July last

useful elsewhere—

To the Supt & Supt Centre Pier Walks with 7 Encls.
Chairman Pier Committee
Superintendent of Marine
Master attendant—

Screw Moorings in connection with Masters (Piers

Public Works 1862 Despatches

Gro: of Govt for March

No 366.

Gro: of the Madras Government

Dated 6th March 1862

Despt.

Authorizing Govt Superintendant and Controller Pier works to call upon the Contractor to furnish thirteen Screw Moorings which he had covenanted to provide.

Copy sent as Letter to Engrs 7th March 1862 No 30.

No 688 69.