M.R.O. 1—77,003—3-6-37.

(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. 2086 Press / Mis.

597-98

Dated 28—6— 1869.

Not to be folded or roughly handled

No. 597. Read the following letter from the Officer in charge of Public Works Operations at Cochin, to the Secretary to Government, Public Works Department, dated Cochin, 12th June 1869, No. 22 :—

I REQUEST to be informed if G. O., dated the 31st May 1869, No. 1,785, is cancelled by G. O., dated the 2nd June 1869, No. 1,807. The works sanctioned in the first mentioned Order are not expensive, they are very much required, and they are now in progress; they cannot be well deferred for the opinion of the specially qualified Engineer expected from England, even if it were necessary to defer such petty works for his opinion, and I hope that Government will be pleased to allow them to be carried out as proposed.

2. I request instructions also, in reference to that part of G. O., dated the 2nd June 1869, No. 1,807, which directs that the groynes recently constructed should be kept in a state of efficiency. The first of these groynes, or the most southern one on the Cochin side, has sunk six feet and is now visible only at low water; the second groyne, from the south, has sunk about three feet and is just at the level of high water: both groynes have sunk uniformly throughout their whole length; they were carried out from the newly formed beach after the last monsoon, and the high water has passed beyond them towards its natural limits, forty-five feet shorewards past the land end of No. 1 groyne, and a few feet past the land end of No. 2 groyne.

3. The efficiency of these groynes at any time is questionable, but, without discussing this point, to restore them to their original position they should be reconstructed, and extended landwards; in the first case 100 feet, and, in the second case, 50 feet, this would involve a much larger expenditure than Government probably anticipated when they ordered the groynes to be kept in a state of efficiency, and I beg to refer the matter for further instructions. I think it right to add, that, in my opinion, the restoration of these groynes may be deferred at least for the present.

4. The remaining four groynes on the Cochin side of the harbour have sunk a little at the heads, but these are mostly built on the remains of the old fortifications, and they are not likely to undergo further settlement of any consequence. The beach here (as might be expected from its aspect) is undergoing considerable extension by the action of the south-west monsoon, which commenced on the 30th ultimo.

5. The Vypeen main groyne is answering its purpose very well, but the small groyne on the same side has had no effect; the Vypeen coast, between the main groyne and the Cruz Milagre Gap, is the only point of danger at present, and if the works now in progress for its protection are not stopped, I think this point will be safe also.

No. 598. ORDER THEREON, 28th June 1869, No. 2,086.

CIVIL WORKS, No 88.

THE sanction accorded in G. O., No. 1,785, of the 31st May 1869, to the measures proposed by Mr. O'Shaughnessy in his letter of the 22nd idem for the extension of the defensive works at Cochin, was not intended to be cancelled by the orders communicated in Proceed-

ings of Government, No. 1,807, of the 2nd June. The works proposed by Mr. O'Shaughnessy in that letter seem to be of an inexpensive character, and they should be carried out with such expedition as he may consider necessary.

2. As the efficiency of the groynes referred to in paragraph 2 is questionable, and the means at the disposal of Government for additional expenditure on their extension or reconstruction are unfortunately very limited, further outlay on those groynes will be deferred, but Mr. O'Shaughnessy will report periodically on their condition.

3. The Government are glad to gather from the general tenor of Mr. O'Shaughnessy's letter that neither the town nor the harbour is at present exposed to any danger.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Officer in charge of Public Works Operations at Cochin.
,, Superintending Engineer, 7th Division
,, Marine Department.
,, Controller of Public Works Accounts.
,, Accountant-General.

Exd. S. T. Augustin.

Cochin
12th June 1869.

No. 22,

From
The Officer in charge of
Public Works Operations
Cochin

To
The Secretary to Government
Public Works Department

Sir, I request to be informed if G.O. dated the 31st May 1869 No. 1785 is cancelled by the G.O. dated the 2nd June 1869 No. 1807. The works sanctioned in the first-mentioned order are not expensive, they are very much required, and they are now in progress. They cannot be well deferred, for the opinion of the Specially Qualified Engineer expected from England, even if it were necessary to defer such petty works for his opinion, and I hope that Government will be pleased to allow them to be carried out as proposed.

2. I request instructions also, in reference to that part of the G.O. dated the 2nd June 1869 No. 1807, which directs that the groins recently constructed, should be kept in a state of efficiency. The first of these groins, or the most-Southern one on the Cochin side, has sunk 6 feet, and is now visible only at Low water; the 2nd groin from the South has sunk about 3 feet and is just [illegible] at this

P.W. Dept.

No 2086

Proceedings of the Madras Government

Under date the 28th June 1869.

Read the following

From the Officer in charge of Pub. Works Operations Cochin.

(Forwarder No 22 of 12 June 1869)

The sanction accorded in G.O. No 1785 of the 31st May 1869 to the measures proposed by Mr. O'Shaughnessy in his letter of the 22d idem for the extension of the defences works at Cochin, was not intended to be cancelled by the orders communicated in Proceedings of Government No 1807 of the 22d June. The works proposed by Mr. O'Shaughnessy in that letter seem to be of an inexpensive character, and they should be carried out

To the Secretary to Govt.
Public Department.

Dated Fort St. George 1869
Rec'd 25th June 1869
No 2086-286 June 1869
P.W. 22d Endorsement from
Engineer to the undersigned
Engineering to be informed
in G.O. dated the 31st May
in G.O. dated the 31st May
1869. No 1785. for the protection
of the Cochin Bungalow and Fence
of the Engineer Officer at Cochin
it will maintenance of
the works executed by the
Marine Department including
New construction of the

out with such expedition as he may consider necessary.

As the efficiency of the progres referred to in Para 2 is questionable, and the means at the disposal of Government for additional expenditure on their extension or reconstruction are unfortunately very limited, further outlay on those progres will be deferred, but Wm. O'Shaughnessy will report periodically on their condition.

The Government are glad to gather from the general tenor of

Wm. O'Shaughnessy's letter that neither the town nor the harbour is at present exposed to any danger.

W.H.

F.
2 The Officer in charge of Operations at Cochin
Do
7 " Engr & Deputy
11 " Engineer
4 " Controller
3 " Asst Genl

38

Despe 29/6/43.

Cus 2482

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Officer in charge of P.W. operations at Cochin

Dated

Recd. Encl.

G. O. 28th June 1869, No. 2086

Nos. 597-598

Works at Cochin. Mr. D'Chaughnessy informed that the extension of the defensive works at Cochin should be proceeded with, and steps ~~for~~ further outlay on the groynes recently constructed should be dispensed