

Public Works (1898) Department.

G.O., No. 1325-20

DATED 25 May 98

[Despatch Abstract.]

Inshore at Cochin: Pros. Marine Dept
Calling on the Suptg. Engineer to submit an esti-
mate for protecting the — which is being eroded
by the sea and stating that the work will, if possible,
be carried out from a point to be made from Port
Dund, Comd to S.E. W. Cncl. for necessary action.

25/5/98

Indexed.

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S.S. IV contd. 18/10/20

o Ls. 107 019/5

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following papers :—

From C. W. WOOD, Esq., Executive Engineer, West Coast Division, to the Superintending Engineer, IV Circle, dated 26th January 1898, No. 46 S.E.

In reply to your No. 281 W. C., dated 2nd June 1897 (herewith returned), I have the honour to report that I have just inspected the erosion on Mr. Grieves' property at Cochin and I have come to the conclusion that it is to the interest of Government to do what is necessary for the prevention of further erosion for the following reasons :—

(1) We maintain the sea wall running eastwards from Mr. Grieves' bungalow up to and beyond the Custom House.

(2) It is to the interest of the port to maintain and encourage the accretion of sand along the foreshore south-west of Mr. Grieves' bungalow and groynes have been constructed for this purpose.

(3) Should the angle of the old fort on which Mr. Grieves' bungalow is built be further undermined large blocks of masonry would fall into the water-way and might become a source of danger to boats which closely hug the shore when coming into the harbour.

For this last reason, however, the construction of a groyne is not advisable and I recommend that rough stone blocks not less than 2 feet cube be thrown into a slope of about 1 to 1 where protection is necessary which would be for a length of about 70 feet. The quantity of stone required would be about $70 \times 12 \times 6 = 5,040$ cubic feet. On the day of my inspection I got a sounding of 12 feet close to the old block of fallen masonry and the Port Officer said that would be the maximum depth ever likely to be reached.

The cost would be about Rs. 1,000. The high rate is due to the large size of stone necessary and for conveyance by boat.

The cost of the groyne mentioned in my former letter was based on the soundings taken then by the Sub-divisional officer. Since then the sand has scoured out to 12 feet below H.T.L.

No. 76 W.

Copy submitted to the Chief Engineer, Public Works Department, with reference to G.O., No. 1075 W. of 23rd April 1897, calling for a report and an approximate estimate with reference to G.O., No. 3412 W., dated 6th December 1897. The delay appears to be due to the fact that the report originally submitted by the Sub-divisional officer was not sufficiently clear and the Executive Engineer was consequently called upon to forward a report after personal inspection. The undersigned has not had an opportunity of inspecting the locality.

COIMBATORE,
13th February 1898.

(Signed) A. H. GARRETT,
Superintending Engineer, IV Circle.

No. 1212 C.

Forwarded to the Marine Department for decision as to whether the work recommended by the Executive Engineer shall be carried out at the cost of Port Funds.

1st March 1898.

(Signed) S. B. MURRAY,
Under Secretary to Government.

No. 164 E.

Referred to the Presidency Port Officer for remarks.

16th March 1898.

(Signed) C. H. B. BURLTON,
Under Secretary to Government.

From Commander H. A. STREET, R.I.M., Presidency Port Officer, to the Secretary to Government, Marine Department, dated Madras, 21st March 1898, No. 535/110 G.

In reply to Marine Department Memo. No. 164 E., dated 16th March 1898, I have the honour to acquaint you, for the information of Government, that for the reasons given in this office letter No. 535/102 G., dated 22nd March 1897, I consider that the cost of the proposed work should be met from Port Funds, and it can be met from the Western group Port Funds. The original enclosures received with the Government memorandum are herewith returned.

No. 15 D.

MEMORANDUM.

Forwarded to the Marine Department in continuation of Endorsement No. 1212 C., dated 1st March 1898.

15th April 1898.

(Signed) W. B. DEWINTON,
Ag. Secretary to Government.

ORDER—No. 297, Marine, dated 22nd April 1898.

The papers read above relate to the protection of the foreshore at Cochin which is being eroded by the sea. The Presidency Port Officer considers that it is desirable in the interests of the port to check the erosion at the particular spot affected and in this view the Executive Engineer concurs. The Superintending Engineer will accordingly submit an estimate for the requisite work, and on its sanction, it will, if possible, be carried out from a grant to be made from Port Funds.

(True Extract.)

(Signed) S. B. MURRAY,
Under Secretary to Government.

To the Presidency Port Officer.
" Public Works Department.
" Financial Department.

Exd. A. F. Eccleston.