

G.O., No. 29.7 was

DATED 22 April 1898.

[Despatch Abstract.]

Dorchester at Fochin: Calling on the S.E. to submit an estimate for protecting the — which is being eroded by the sea, and stating that if possible be carried out from a grant to be made from Port Funds.

100
4

25/4/98

25/4/98

Calling on the Superintending Engineer to submit an estimate for protecting the — which is being eroded by the sea, and stating that the work will, if possible, be carried out from a grant to be made from Port Funds.

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.

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

1st March 1898.

No. 164 E.

Referred to the Presidency Port Officer for remarks.

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

16th March 1898.

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.

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

15th April 1898.

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.)

Under Secretary to Government.

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

Ed. A. F. Eccleston.

Papers to be read in proceedings:—

Again G.O., dated

189 , No.

Again G.O., dated

189 , No.

Current No. 270

of 1893, dated 1st March 1893, from the P.W. Department.

" " 374

" 1893, " 28th March 1893 " the Presy. Port Offr.

" " 445

" 1893, " 16th April 1893 " the P.W. Department.

ORDER.

The Hon. Sir Henry Bliss, K.C.S.E.
with the chart asked for.

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 be carried out from a grant to be made from Port Funds.

(The Financial Dept. for
Counter initials)

To

The Presy. Port Officer.

.. P.W. Department.

.. Financial Department.

10-98 R22-490

Marine DEPARTMENT.

C. No. 270 & 374.

SUBJECT.

HIS EXCELLENCY THE GOVERNOR.

~~THE HON'BLE SIR HENRY BLISS, K.C.I.E.~~

~~THE HON'BLE MR. GROSE, C.I.E.~~

Protection of the foreshore
at Cochin.

FOR ORDERS.

This is an application
for the protection, from public
funds, of the foreshore at
Cochin which is being eroded
by the sea. The Presidency
Port Officer considers that it
is very desirable in the
interest of the port to check
the erosion at the particular
spot affected, and in this
view the Executive Engineer
concurs. The Public Works
Dept. might, therefore, be
directed to submit an
estimate for the requisite
work, and, on its being shown
to carry it out from a grant
to be made from Port funds.

This file should go to Financial, or will
as to P.W.D. H. 9. 5. 98

Yes. But when the
papers come back I
should like to see the
chart referred to in C
No 442 - The case is
not clear without it.

BS
13/4/98

Marine (189 8) Department.

CURRENT No. 445

Order

From The P. W. D.

No. 15 D

The chart has been
transferred to the P. W. D.
file. vide no. 15
10635 88272/88

Dated 15 } April 1898
Received 16 }
Enclosures - 2
Spare copies -

SUBJECT.

Chart of Cochin. For-
warding the — returns
by the S. E. IV. Leitch

FURTHER PAPERS.

$\sqrt{192}$
w

Superintending Engineer's Office
Camp Cochin 31st March 1898.

From

A. H. Garrett Esq
Superintending Engineer
4th Circle

To,

The Chief Engineer
P. W. Department.
Madras.

Enclosure,
Chart.

Sir,

Sir,
With reference to your Memo-
-randum No. 1627 c dated 16th March
1898, I have the honour to return
herewith the Chart of Cochin received
with L. O. No. 1075 W dated 23rd
April 1897.

I have the honor to be

Sir

Yours most Obedt Servt

Continued.

Superintending Engineer
H^{rs} Circle

26³/₉₈.

No. 150

Government of Madras.
Public Works DEPARTMENT.

MEMORANDUM.

6P
Botacamund.
Dated Madras, 15 April 1898.

Letter from the Superintend-
ing Engineer, IV Circle, No. 192 W.,
dated 31st March 1898

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

Whitburn
ag. Secretary to Govt.

T. J. G.

To

The Marine Department.

Mar 21/98
445/98

Marine (1898) Department.

CURRENT No. 374

From

The Presidency Port Office,
Madras

Order

No. $\frac{535}{110}$ G

Dated 21st March 1898

Received } 28—do—
Registered }

Enclosures 5 (4 tracings)

Spare copies

SUBJECT.

Informing that the cost of
the proposed work to check
the erosion of sea on Mr. Grieco's
property at Cochin should
be met from Port Funds.

Mar
4/5/98

BACK PAPERS.

FURTHER PAPERS.

No.	Date.	No.	Date.
720 E	30-11-97		
1075 W	23-4-97		
In answer to			
331.	6-4-97		
87	2-2-98		

No. 535/110 G

Presidency Port Office,
Madras, 21st March 1898.

Heading

From

Commander H. A. Stuart, R. I. M.,
Presidency Port Officer,
Madras,

To

THE SECRETARY TO GOVERNMENT,
MARINE DEPARTMENT,
CHERPAK.

Sir,

In reply to Marine Department
Memorandum No. 164 E dated 16th March 1898.
I have the honor to acquaint you for the
information of Government, that for the
reasons given in this Office letter No. 535 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.

I have the honor to be,
Sir,
Your Obedient Servant,
H. A. Stuart
Commander R. I. M.
Presidency Port Officer

(374) C. No 270
Rk

No attempt has been made to put up a file of any kind.

See also the file on which I noted yesterday containing the Director's report.

L.S.
2. Mar 98

Submitting

C.A. in
File Completed & Submitted
7/3/98

Rk

There are a lot of useless papers in the file. Please remove them, and arrange the remainder in proper order. I cannot spare the time to make up files.

L.S.
7. Mar 98

Caw

Resubmitted.

Copies of the two P.O.

G.O.s quoted by the S.S.

has been endorsed on

Public Works (1898) Department.

CURRENT No. 270

No 1212C dated 1st March 1898.

From The Supp. Engineer
5th Circle

Order

Forwarded to the Engineer for decision as to whether the works recommended by the Supp. Engineer shall be carried out at the cost of Port Funds.

No. 76

Dated 13th February 1898

Received 1-3-98

Registered 462-98

Enclosures 4, 5

Spare copies

SUBJECT.

Erosion on Mr. Grier's property at Cochin.
Submits report on the —

Referred to the Presidency Port Office for remarks.

R.S.

The P.O. with papers to be returned

completing

17/3/98

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
-----	-------

No.	Date.
-----	-------

Order on
16.6.98
292. 16.6.98 ✓
7202. 30.11.97 ✓
8744. 2-2.98 (S.E.) ✓
8314. 6.6.97 (S.E.) ✓

Letter from C.W. Wood Esq Executive
Engineer West Coast Division to the
Superintending Engineer H^d Circle dated
26th January 1898 No. 46 SE.

In reply to your No. 281 dated 2nd
June 1897 (herewith returned), I have
the honor to report that I have just in-
spected the erosion on Mr. Griever's
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. Griever's
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. Griever's bungalow
and groynes have been constructed
for

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.

Admud.

Superintending Engineer
1st Circle.

dk Coimbatore
13th Feb'y/98

Mar Encl 5/
270/98
374