

Public Works (1899) Department.

G.O., No. 233 *N*

✓
DATED 3rd February 99

7/2/99

Fores here at Cochin [Despatch Abstract.]

Approving the recommendations of
the Chief Engineer, in regard to protecting the
near Mr. Grievs' bungalow, and directing the
Subd Engineer, IV Circle, to submit an estimate accordingly.

100
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J
B
CS.

BACK PAPERS.

FURTHER PAPERS.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1899} of Madras.
PUBLIC WORKS.

Recd.

Regd.

1899.

Enclosures

Spare copies

G.O., No. 333 W., 3rd February 1899.

FEBRUARY.

Foreshore at Cochin

Approving the recommendations of the Chief Engineer in regard to protecting the — near Mr. Grieves' bungalow, and directing the Superintending Engineer, IV Circle, to submit an estimate accordingly.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From Commander W. AVES, R.I.M., Acting Presidency Port Officer, Madras, to the Secretary to Government, Marine Department (through the Secretary to Government, Public Works Dept.), dated 5th August 1898, No. 535/268 G.

With reference to G.O., No. 297, Marine, dated 22nd April 1898, I have the honour to forward herewith, duly countersigned, for sanction of Government and allotment of funds, an estimate amounting to Rs. 777 received from the Superintending Engineer, IV Circle, for constructing a stone revetment to prevent erosion of the sea in the vicinity of Mr. Grieves' bungalow at Cochin. Two sketches received with the estimate are also forwarded countersigned, together with the Executive Engineer's report.

2. As no budget provision has been made for this work, I would propose that the expenditure be met from the reserve with the Public Works Department under Excluded Local Port Funds.

From the Presidency Port Officer, Madras, dated 3rd October 1898, No. 535/337 G.

Note by the Chief Engineer, Public Works Department.

I inspected on the 8th instant the foreshore at Cochin near Mr. Grieves' bungalow. The sand has again been scoured away to the depths shown in sections A and B. No dry stone revetment would stand this; it would infallibly fall into the stream and disappear. The only mode of protection that seems likely to be permanent is wells sunk on the red pencil line shown on plan, or thereabouts, inside the fishing net. An estimate for them should be called for.

2. The wells should be built of laterite in cement; 8' external, 5' internal diameter and 20' deep, and filled with dry stone, as close together as possible. Their construction should wait until the foreshore has silted up again as shown in sections 1 and 2.

(Signed) W. B. DEWINTON,
Chief Engineer.

26th January 1899.

ORDER—No. 333 W., dated 3rd February 1899.

The recommendations made in the Chief Engineer's note read above are approved, and the Superintending Engineer, IV Circle, will submit an estimate accordingly.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle,
with six enclosures.
" Presidency Port Officer.

Exd. T. K. Narayana Aiyangar.

P.W. DEPARTMENT.

Read the following:—

From the Presidency Port Officer, No. 535/268 G. d. 5th August 1898.

From the Presidency Port Officer, No. 535/337 G. d. 3rd October 1898.

Note by the Chief Engineer, P.W.D. d. 26-1-99.

Circulated to

ORDER.

No. 333W of 3.2.99.

The recommendations made in the Chief Engineer's note read above are approved, and the Superintending Engineer, IV Circle, will submit an estimate accordingly.

ACK
26-1-99

W. B. DEWINTON

W. B.

The S. E. IV Circle
P. P. G.

38

Note by the Chief Engineer. P.

I inspected on the 8th the fire shore at Berchin near my bungalow. The sand has again scoured away to the depths shown in sections A+B. No dry stone wall would stand this; it would in fact fall into the stream and disappear. The only mode of protection that seems likely to be permanent is wells sunk on the red pencil line shown on plan the cabuto, inside the fishing net. An estimate for them should be called for.

2. The wells should be built laterite in cement, 8' external, 5' internal diameter and 20' deep, and filled with dry stone, as close together as possible. Construction should wait until the present has silted up again as shown in 1 and 2.

A.H.
20.1.99

W.D.
26.1.
E.W.

May

Current No. 6555
Letter No. 535/2689
Dated 5th August 1898
From the Presidency Port Officer
Made

NOTE BY TECHNICAL SECTION.

Name of work - Constructing a stone
revetment near Mr. Fieris
Kungaloo at Cochin.
Est No 777

This estimate was called
for in G.O. No 1325 W dated
25-5-98 and provides
for constructing a stone
revetment, of rough stone
blocks not less than 2 feet
cube, to form a slope
of about 1 to 1 in front
of the crack in bastion
of Fort on which Mr.
Fieris' house is built.
It is considered necessary
to protect the angle of
the old fort on which
Mr. Fieris' house is
built, as should it be
further undermined
large blocks of masonry
fall into the stream would fall into the

I propose inspecting Cochin
in Oct^r next. As the
freshness has settled & there
is no immediate
necessity for protection,
I shall rather decide
himself in the short
what is wanted & let
this lie over till before
I start

L.O till January

all
9/10/98

A slope of $1\frac{1}{2}$ to 1 would
be better. 1 to 1 is steep,
though it would probably
stand, as the rough stone
is under water & will not
have water draining through it.

I inspected this in the land
has again been scoured away to
the depth shown in Section A
& B - No dry stone revetment
will stand this, it will inevitably
fall into the stream would fall into the

waterway and possibly
become a source of danger
to boats which closely hug
the shore when coming into
harbour.

The tracings accompanying
the Estimate explain the
situation, and nature
of work to be done.
The Presidency Port
Office considers that
the work is desirable
in the interests of the
port to check the
erosion at the parti-
cular spot.

No budget provision
has been made for this
work and it is proposed
by the Presidency Port
Office that the ex-
penditure be met from the
Reserve with the P.W.
Dept under "Excluded
Local Port Funds"

Rates - A data is submitted
in support of the rate
allowed.

The Plan & Estimate has been
communicated by the Presidency
Port Office. St. J. W.

a disappear - the only mode
of protection that seems likely
to be permanent is to
sink in the red pencil
line shown in plan, or
thereabouts, inside the
existing net - An estimate
is then to be calculated -
They shall be built of concrete
in cement & gravel, 5'
internal diam, & 20' deep -
a filled with dry stone -
as close together as possible.
Their construction shall
remain until the fresh
water is filled up again in
them in sections 1 & 2

Sanction estimate?
allowing funds as
proposed by Pres. Port
Office.

Data can be accepted

AK
10. 8. 98.

Thro' the Secretary to Govt P.W. Department

Marine (1898) Department.

O. W. CURRENT No. 8272

From

The Presy Port Office
Madras

Order

No. 535 of
337

Dated 3rd October 1898

Received 5. 10. 98

Enclosures "

Spare copies

SUBJECT.

Asking for an early order
on letter No 535 of 5th Sept
1898 regarding the proposed
stone revetment at Cochin

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
13254	25-5-98

No.	Date.

Thro' the Secy. to Govt. P.W. Deptt.

No. 535/3374

Presidency Port Office,
Madras, 3rd October 1898.

From

Commander W. Aves, R.I.M.,
Ag. Presidency Port Officer,

To

The Secretary to Government,
Marine Department,

Madras,

Chepak.

Sir,

I have the honour to request that early orders may be obtained **on** this office letter No. 535/263,G, dated 5th August 1898, and the Estimate of Rupees 777 for the proposed stone revetment at Cochin forwarded to the Superintending Engineer, IVth Circle, in order that the work may be taken in hand.

I have the honour to be,

Sir,

Your Obedient Servant,

W. Aves

Commander, R.I.M.,
Ag. Presidency Port Officer.

W. Aves

BACK PAPERS.

No.	Date.
~~1325 w~~	~~25.5.98~~
7498	3.8.98
1325 w	25.5.98
158	15.4.98
1627 c	16.3.98
1212 c	1.3.98
3402 w	6-12.97
1075 w	23.4.97

FURTHER PAPERS.

P. W. DEPART

Papers to be read in Proceedings:—

Again G.O., dated

189 , No.

Again G.O., dated

189 , No.

Current No. 6555 of 1898, dated 5th August 1898, from The P. P. G

” ” ” 189 , ”

” ” ” 189 ” ”

ORDER.

The estimate, amounting to Rs 777, for constructing a revetment to prevent erosion of the sea in the vicinity of the bungalow at Cochin, is approved and returned to the Suptg IV Circle, for sanction and execution.

2. An allotment of Rs 1000 is made for the work from reserve with the P.W. Dept. under Excluded Local Port funds.

ALR

11-8-28.

С

P. K. S.

Note

The estimate is dealt
in the accompanying

The S. E. IV arch with 6 bends

Encl P. W. Arch-

P. P. G

No. 535/268 G

Presidency Port Office,
Madras, 5th August 1898.

From

Commander W. Aves, R.I.M.,
Ag. Presidency Port Officer,
Madras,

To

The Secretary to Government,
Marine Department,
Chepak.

Sir,

With reference to G.O., Marine, No. 297, dated 22nd April 1898, I have the honour to forward herewith, duly countersigned, for sanction of Government and allotment of funds an estimate amounting to Rupees 777 received from the Superintending Engineer, IVth Circle, for constructing a stone revetment to prevent erosion of the sea in the vicinity of Mr. Grieves' bungalow at Cochin. Two sketches received with the estimate are also forwarded countersigned, together with the Executive Engineer's report.

2. As no budget provision has been made for this work, I would propose that the expenditure be met from the Reserve with the P.W. Department under Excluded Local Port Funds.

I have the honour to be,

Sir,

Your Obedient Servant,

W. Aves

Commander, R.I.M.,
Ag. Presidency Port Officer.

As regards the incidence of
Presidency Port Officer considers
expenditure on the work should
be met from Port funds. vide his
535 G, dated 21st March, 1898,
with G.O. No 297 Marine dated
April, 1898, (G.O. No 1325W, dated 25th

98).

W. Aves
R. 26

W