

- (1) பக்கங்களின் எண்ணிக்கை 32
 (2) புதுக்கித் திருப்பிய நாள் செ 1989
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 12/5

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

மேலாதிபதி துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1039	அச்சகம் பலவகை
நாள் :	2.4. 1890	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

D.V.

ஆவண. கா-1-18,000-15-6-87.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Captain H. A. STREET, H.M.'s.I.M., Presidency Port Officer, to the Chief Secretary to Government, Marine Department, dated Madras, 16th February 1889, No. G-46.

I have the honor to beg that the sanction of Government may be obtained to the accompanying estimate* for the protection of the foreshore of Cochin in the manner proposed by the Executive Engineer, West Coast Division. Attention to the necessity of carrying out this work

* 2 Detailed estimates.	1 Specification.
2 Calculation sheets.	1 Report.
2 Abstracts.	4 Plans.

has been drawn by me in the report on the state of the Port of Cochin which accompanied my letter, No. G-8, dated 9th January 1889.

2. No provision was made in the budget estimate forwarded to Government with my No. G-81, dated 15th September 1888, as I had not received any intimation that such a work would be necessary. The amount required could, however, be met from the sum of Rs. 10,000 which is specified in the budget estimate as required for light-houses at Deria Baladur Ghur and Byndur Head as it is not now proposed to carry out these works.

3. The financial condition of the Port of Cochin is not in a flourishing state, as, according to appendix G of the statement connected with the late revision of Port Fund accounts, Cochin has a debit balance of Rs. 43,262, but as the protection of the foreshore is necessary for the well being of the port, I submit that the sum required for the work may be met from the balance at the credit of the Port of Madras being treated as a loan to the Port of Cochin.

Approved and transferred to the Financial Department with reference to G.O., dated 19th December 1888, No. 951, in that department.

(By Order.)

(Signed) W. S. MEYER,
Asst. Secretary to Government.

3rd March 1889.

READ—G.O., dated 9th March 1889, No. 66 R., Financial.

Read—Endorsement in the Marine Department, dated 3rd March 1889, transferring letter from the Presidency Port Officer, dated 16th February 1889, No. G-46.

Order—dated 9th March 1889, No. 66 R., Financial.

The plans and estimates will be considered in the Public Works Department. When they have been sanctioned, the question of allotting funds will arise.

(True Extract.)

(Signed) W. S. MEYER,
Acting Under-Secretary.

READ—the following papers:—

From Captain H. A. STREET, H.M.'s.I.M., Presidency Port Officer, to the Chief Secretary to Government, Marine Department, dated Madras, 19th October 1889, No. 187/467 G.

I have the honor to beg that I may be informed if any action is proposed to be taken in regard to the estimate, amounting to Rs. 9,240, for constructing two new groynes at Cochin, forwarded to Government with my letter, dated 16th February 1889, No. G-46.

2. The necessity for the wall was pointed out in paras. 7, 8 and 9 of the Executive Engineer's letter which accompanied the estimate, and in his report of Proceedings for the month of September 1889, forwarded to me by the Port Officer at Cochin, that officer states as follows:—

"I am glad to report that the erosion that threatened to be serious to the south of the light-house during the recent bad weather has ceased altogether and the sand is again being quickly redeposited. To the north of the light-house right up to the groyne to the northward of the cemetery an unusual large beach has formed, sand being deposited so as to leave the end of the groyne immediately north of light-house 80 feet and from the end of the next one immediately south of the cemetery 167 feet. If we can keep this it will narrow the entrance and give us a greater scour over the bar this year."

Transferred to the Public Works Department in continuation of G.O., No. 66 R., dated 9th March 1889.

31st October 1889.

(Signed) J. F. PRICE,
Chief Secretary.

No. 5148 C.

Referred to the Superintending Engineer, IV Circle, for very early reply to memo. No. 1418 C., dated 19th March 1889.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Chief Engineer, P.W.D.
7th November 1889.

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Cochin, 17th February 1890, No. 67 E.W.

With reference to your memo. No. 1418 C. of 19th March 1889, I have the honor to forward, for an allotment of funds, an estimate, amounting to Rs. 1,510, for repairing groynes F and G at the sea foreshore at Cochin.

2. The report accompanying the estimate explains the necessity for the work. I have inspected the site and am of opinion that no other work is at present required.

3. The original papers which formed enclosures to the memorandum under reference, as also your endorsement No. 5148 C. of 7th November 1889, are herewith returned.

No. 1079 C.

Forwarded for the approval of Government in the Marine Department.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.
27th February 1890.

Forwarded to the Presidency Port Officer for remarks and for report on the existing state of funds.

5th March 1890.

(Signed) J. GROSE,
Ag. Chief Secretary.

From Captain H. A. STREET, H.M.'s.I.M., Presidency Port Officer, to the Chief Secretary to Government, Marine Department, dated Madras, 8th March 1890, No. 187/131 G.

I have the honor to acknowledge the receipt of Marine Department Reference on C. No. 195 (herewith returned), dated 5th March 1890, and, with respect thereto, to acquaint you that the estimate, amounting to Rs. 1,510, for repairing groynes F and G at the sea foreshore at Cochin, appears to me to be in connection with the work referred to in my letter, No. G-46, dated 16th February 1889, and which letter contains full information respecting the financial position of the Port of Cochin.

Returned to the Presidency Port Officer, in view to his countersigning the revised estimate of Rs. 1,510 if approved. The state of the funds of the Port of Calicut has altered considerably since February 1889. The Malabar District Fund is in large surplus.

(Signed) J. GROSE,
Ag. Chief Secretary.

13th March 1890.

No. 187/143 G.

Countersigned and returned.

MADRAS, (Signed) H. A. STREET, Captain, H.M.'s I.M.,
15th March 1890. Presidency Port Officer.

Approved and transferred to the Public Works Department.

(Signed) J. GROSE,
24th March 1890. Ag. Chief Secretary.

ORDER—dated 2nd April 1890, No. 1039 W., Public Works.

The estimate, amounting to Rs. 1,510, for repairing groynes F and G at Cochin, is returned to the Superintending Engineer, IV Circle, for sanction.

2. The Financial Department will be requested to place a sum of Rs. 1,880 as shown below at the disposal of the Public Works Department early next year. in 1890-91.

	RS.
Works	1,510
Establishment	347
Tools and plant	23
Total	1,880

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with sixteen enclosures.
Financial Department.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.
Govt. of (1890) Madras.
PUBLIC WORKS.

Dated April, 2nd.

Recd.

Encl.

G.O., 2nd Apr. 1890, No. 1039 W.

APRIL.

Groynes at Cochin

Estimate for repairing certain — returned to the Superintending Engineer, IV Circle, for sanction, and the Financial Department requested to place Rs. 1,880 at the disposal of the Public Works Department for the work.

Heading.

No. 946

PRESIDENCY PORT OFFICE,
Madras, 16th February 1889.

Cochin Groynes

FROM

THE PRESIDENCY PORT OFFICER,

MADRAS,

TO

THE CHIEF SECRETARY TO GOVERNMENT,

MARINE DEPARTMENT,

FORT ST. GEORGE.

SIR,

I have the honor to beg that the sanction of Government may be obtained to the accompanying estimate for the protection

- * 2 Detailed Estimate
- 2 Calculation sheets
- 2 Abstracts
- 1 specification
- 1 Report
- 4 Plans.

of the foreshore of Cochin in the manner proposed by the Executive Engineer, West Coast Division,

Attention to the necessity of carrying out this work has been drawn by me in the report on the state of the Port of Cochin which accompanied my letter No. 8 of 9th January 1889.

No provision was made in the budget estimate forwarded to Government with my No. 21, dated 15th September, 1888,

as

as I had not received any intimation that such a work would be necessary. The amount required could, however, be met from the sum of Rupees (10,000) ten thousand which is specified in the budget estimate as required for lighthouses at Diva, Balader Ghore and Dyndur Head as it is not now proposed to carry out these works.

3. The financial condition of the port of Cochin is not in a flourishing state, as, according to appendix B of the statement connected with the late revision of Port Fund Accounts, Cochin has a debit balance of Rupees (43,262) Forty three thousand two hundred and sixty two but as the protection of the foreshore is necessary for the well being of the port I submit that the sum required for the work may be met from the balance at the credit of the port of Madras being treated

as

as a loan to the port of Cochin.

I have the honor to be

Sir,

Your Obedient Servant

H. A. Street

Captain H. A. Street

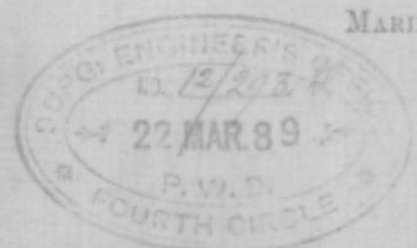
Presidency Port Officer.

Q
one.

290-23-10-100-100
61-16-2-15
951-19-12-100

Marine (1889) DEPARTMENT.

From
THE PRESIDENCY PORT OFFICER,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.



Approved & transferred
to the Financial Depart.
ment with reference to
G.O. of Dec. 1888. No. 957.
in that Department.
By order.
Asst Secy to Govt.

No. 9/46
Dated 16th
Received 18th
February 1889
Encls 12

Subject.
Forwarding for sanction
certain estimates for
the protection of the
foreshore of Cochin

195790
14

Marine (1889) DEPARTMENT.

From
THE PRESIDENCY PORT OFFICER,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.

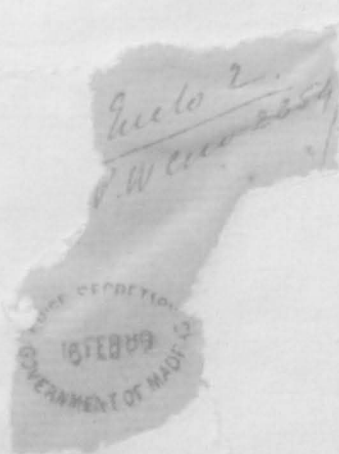
No. 9/46

Dated 16th
Received 18th
February 1889

No.

Subject.

Forwarding for sanction
certain estimates for
the protection of the
foreshore of Cochin



Financial Department.



30 6/10/89

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper

Endorsement in the Marine Dept. of 3rd March 1889, transferring letter from the Presidency Post Officer, dated 16th February 1889, No. 4/46.

Order, 7 March 1889, No. 66/C

The plans and estimates will be considered in the Public Works Department. When they have been sanctioned, the question of allotting funds will arise.

True Extract

As Secretary
Agent Secretary

To

The Public Works Department
(with enclosures)

2
X² S. A.



7
1039

PW No 2354
Govt. of 188 Madras.



To

The PW Dept



Proceedings, dated
No. 664

1889

Subject.

Bochin
(1/4th)

Ordering that the
plans & estimates
for the protection of
the foreshore of Bochin
be considered by the
PW Dept

Mar. No 1957/89
13

Chas P. M. S. P. 4

Marine No 1072

PRESIDENCY PORT OFFICE,

Madras, 19th October 1889

8/10/89

Heading.

Bochin Groynes.

No. 187
467

From

THE PRESIDENCY PORT OFFICER,

MADRAS.

To

THE CHIEF SECRETARY TO GOVERNMENT,

MARINE DEPARTMENT,

FORT ST. GEORGE.

SIR,

I have the honor to beg that I
may be informed if any action is
proposed to be taken in regard
to the estimate amounting to
Rupees (9240) nine thousand
two hundred and forty for
constructing 2 new groynes at
Bochin, forwarded to Government
with my letter dated 12th February
1889, No 138.

2. The necessity for the wall
was pointed out in paras 7, 8
and 9 of the Executive Engineer's
letter which accompanied the
Estimate

Estimate and in his report of "Proceedings for the month of September 1889 forwarded to me by the Port Officer at Lochin that Officer states as follows:-

"I am glad to report that the erosion that threatened to be serious to the south of the Light House during the recent bad weather has ceased altogether and the sand is again being quickly redeposited. To the north of the Lighthouse right up to the groyne to the northward of the Cemetery an unusual large beach has formed, sand being deposited so as to leave the end of the groyne immediately north of Lighthouse 80 feet and from the end of the next one immediately south of the cemetery

Cemetery 167 feet. If we can keep this it will narrow the entrance and give us a greater scow over the bar this year. 9/39

I have the honor to be,
Sir,

Your Obedient Servant

H. A. Thet

Captain H. M. S. P. M.
Presidency Port Officer

Final 9-3-89: 1612.13

No. 1072

Memorandum (1889) DEPARTMENT

From

THE PRESIDENCY PORT OFFICER,
Madras,

To

THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.

Transferred to
the P.W. Dept. in
continuation of G.O.
No. 60 Kant. of 9
March, 1889.

Indemnified

No. 189
484

Dated

19th October 1889.

Received

No.

CHIEF SECRETARY
GOVT. OF M.



30/100

No. 5148C of 7th Nov. 1889

Referred to the
Supply Comr. IV Circle, for
very early reply to memo.
No. 1418C dated 19th March
1889.

Quadrant. Kuchmar
Co-Ord. R.R.
as. Chief Secy. P.W.D.

6.11.89

195790
12

Subject.

Enquiring if any action is pro-
posed to be taken in regard to the
estimate for Rs. 9240 for
constructing 2 new jetties at
Cochin forwarded with
letter No. 138 dated 12th July
1889.

Endorsed

No. 67
E.C.

Supr. Engrs Office file
Camp Cochin 17th February 1890

From

Majr. D. MacNeil Campbell R.E.
Superintending Engineer
4th Circle

To

The Chief Engineer
P.W. Department

Enclosures 15

Sir

With reference to your
memorandum No. 1418C of 19th March
1889, I have the honor to forward
for an allotment of funds an
estimate amounting to Rs. 1510 for
repairing Croyner F. & G. at the
sea foreshore at Cochin.

2. The report accompanying
the estimate explains the neces-
sity for the work. I have inspected
the site and am of opinion that
no other work is at present re-
quired.

3. The original papers which
formed enclosures to the memo-
randum under reference are also
Yours

Your endorsement No 5148 of 7th
November 1889 are herewith re-
turned.

I have the honor to be

Sir

Your most obed^t Serv^t

W. Campbell Major R.E.
Superintending Engineer
No 1 Circle

11
1039

Mar. C. No. 195

Mar. C. No. 195

From,

The Supg. Engineer,
4th Circle.

Mar. C. No. 195

No. 1079. C d/27 July 1900

Forwarded for the
approval of Government
in the Marine Department.

Quadrant - Bunkies
Lt. Col. R. S.
As. Joint Sec. of Port. Mnd

Dated 17th } February 1890.
Desp'd 18th }

No. 67
EW

WMB
26.2.90

Encl. 15. (including
plans)

Groynes at Lochin.

Submits an Estimate
amounting to Rs 1510 for
repairing the — with
a request that funds
may be provided.

12
1039

1890.

Public Works Department.

No. 1079. C.
Dated 27th February 1890
Despatched 28th
Received 12th March 1890

Encls. 17. including 5 plans.



SECRET.

Transferring for
approval estimate for
repairing the Groynes at
Cochin.

W.D.

to 9-3-89 at 16th Feb
1/11-14-2-89
1/981-19-12-89
1/780-22-10-89 5124

11/5 March 1890

Forwarded to the
Presidency Port Officer
for remarks and
for report on the exist-
ing state of funds.

Yours
Official Secretary.

J.D.B.
3.2.90.



No. 157
131

Heading.

Groynes

FROM

THE PRESIDENCY PORT OFFICER,
MADRAS,

TO

THE CHIEF SECRETARY TO GOVERNMENT,
MARINE DEPARTMENT,
FORT ST. GEORGE.

SIR,

I have the honor to acknowledge
the receipt of Marine Department Re-
ference on C. No 195, dated 5th March
1890, and with respect thereto to
acquaint you that the estimate amount-
ing to Rs. (510) One thousand five
hundred and ten for repairing groynes
F and G at the sea foreshore at Cochin
appears to me to be in connection with
the work referred to in my letter No 4
dated 16th February 1889, and which
letter contains full information respecting
the financial position of the port of
Cochin.

I have the honor to be,
Sir,
Your obedient servant,
H. A. Theet
Captain & Mr. S. M.
Presidency Port Officer.

Marine (1890) DEPARTMENT.

From
THE PRESIDENCY PORT OFFICER,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.

No. $\frac{187}{131}$ G

Dated 8th } March 1890.
Received

No.

Subject.

Cochin Gyroscopes

Informing that this
Office letter No. $\frac{46}{46}$ dated
16th February 1890 contains
full information respecting
the —

147
13P
13 March 1890
Returned to the Presi-
dency Port Officer in
view to his ^{signature} signing
the revised estimate
of Rs. 1510 if approved.
The state of the funds of
the Port of Calicut has
altered considerably
since February 1889.
The Malabar District
fund is in large
surplus.

Since
Secretary.

Mar. C. No. 256
No. $\frac{187}{43}$ G

Printed and
Returned.

H. H. Theet

Capt. J. S. S. S.
Ready Port Office

Madras
Ready Port Office }
15 March 1890

Recd 18th —
Regd 17th —

Encls. C. No. 195 (with encls) and
225 mt.

C. No. 225
Marine 1890) DEPARTMENT.

From
THE PRESIDENCY PORT OFFICER,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.

No. $\frac{187}{131}$ G

Dated 8th } March 1890.
Received 10th }
Regd 11th }

No.

Encls. C. No. 195 mt. with encls
including plans.

Subject.

Cochin Gyroscopes

Informing that this
Office letter No. $\frac{46}{46}$ dated
16th February 1890 contains
full information respecting
the —

No. 5148C/17-11-89
 " 1418C - 19-3-85
 " 1079C - 27-2-90
 " 46C - 8-1-89
 " 4012W - 21-12-88
 " 5115C - 18-12-88
 " 4489C - 14-11-88
 " 4054C - 23-10-88
 " 3493W - 3-11-88
 " 2719W - 14-10-87
 " 460C - 21-2-83

H.M. 24th March 1890

approved and
 transferred to the
 P. W. Department
 J. M.
 Assistant Secretary.

W/3

C. 21/3
 R. 24/3

C. 28-3-90.

Ann. 31-3-90 62-9

B. 1039 W. 22 April 1890

PUBLIC WORKS DEPARTMENT.

1079

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Presidency Port Officer, Madras,
 No. 9/46, dated 16th February 1889.
 Endorsement thereon in the Marine
 Deptt, dated 3rd March 1889.
 Proceedings of Government, Financial
 Deptt, No. 66 R, dated 9th March 1889.
 From the P. W. Port Officer, Madras, No.
 187 G, dated 19th October 1889.
 Endorsement thereon in the Marine Deptt dated
 31st October 1889.
 Endorsement thereon in the P. W. Department,
 No. 5148C, dated 7th November 1889.
 From the Supy Engr. to Civil No. 67 CW,
 dated 17th February 1890.
 Endorsement thereon in the P. W. Department
 No. 1079C, dated 27th February 1890.
 Endorsement thereon in the Marine Deptt,
 dated 5th March 1890.
 From the P. W. Port Officer, Madras,
 No. 187 G, dated 8th March 1890.
 Endorsement thereon in the Marine Deptt,
 dated 13th March 1890.
 Endorsement thereon by the P. W. Port Officer,
 Madras, No. 187 G dated 15th March 1890.
 Endorsement thereon in the Marine Deptt,
 dated 24th March 1890.

The estimate

16/1039

The estimate amounting to Rs 1510 for repairing Gasquet F and G1 at ~~the camp~~ - ~~ship~~ Cochin, is returned to the Supr Engineer IV Circle for sanction.

2. The Financial Department will be requested to place a sum of Rs 1880 as shown below at the disposal of the P. W. Department early next year.

Works	Rs 1510
Establishment	347
Tools & Plant	23
<u>Total</u>	<u>Rs 1880</u>

27.3.90

28.3.90

R29/3

The S. E. IV Circle with 16 enclos. Financial Dept

22-4

Cu
28.3.90

28.3.90

31-3-90

3073.

Govt. of Madras.

PUBLIC WORKS.

3/4/90

Dated

Recd.

Encl.

G.O. 2nd April 1890 No. 1059

Gravies at Cochin

Estimate for repairs
Certain—return
to the Co IV Comd for
Cauldron & the Grills
Sept 25th 1880
#1880 at the disposal
of the Prov Wgtt for
the war R.

100

6