

(1) Number of pages 26
 (2) Date of repair 4.2.87.
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS. DEPARTMENT

G.O. No.	2202-W	Press.
B.P. No.		Mis.
Dated	5-9-1881	197.

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Not to be folded or roughly handled

1/2007
GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

5th September 1881, No. 2,202 W.

Buildings and Roads.
Military Works.

Read the following papers:—

- No. 75. From the Superintendent of Works, Presidency, dated 26th March 1881, No. 4,861.
- No. 75-A. Memorandum to Superintendent of Works, Presidency, dated 2nd April 1881, No. 884.
- No. 75-B. From the Superintendent of Works, Presidency, dated 3rd May 1881, No. 291.
- No. 75-C. Memorandum to Military Department, dated 5th May 1881, No. 1,133.
- No. 75-D. Memorandum from Military Department, dated 9th May 1881.
- No. 75-E. Memorandum to Superintendent of Works, Presidency, dated 1st June 1881, No. 126.
- No. 75-F. From the Superintendent of Works, Presidency, dated 25th August 1881, No. 1,933.

No. 76. ORDER THEREON, 5th September 1881, No. 2,202 W.

THE revised plan and estimate, amounting to Rs. 1,970, for constructing a groyne and revetment for the protection of the Napier Bridge Battery is sanctioned for execution from the Minor Works grant under Military at the disposal of the Superintendent of Works.

2. The estimate now provides for utilizing the stones in the old groynes on the beach between the Marine Villa and the Public Works Offices, which are no longer required in that position.

3. This sanction has been entered as Imperial Ordinary No. 29 W. of 1881-82, and classified as Military Original Works.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintendent of Works, Presidency.
" Examiner of Public Works Accounts.
" Military Department.
" Financial Department.

Exd. S. T. Austin.

Spare Copies

BUILDINGS AND ROADS
MILITARY WORKS.

Cantt. of (1881) Madras.
PUBLIC WORKS.

THE SUPERINTENDENT OF WORKS,
PRESIDENCY.

&c. &c. &c.

Dated September, 5th.

Issued

Recd.

Encl.

G. O., 5th September 1881, No. 2302 W.

SEPTEMBER.

Nos. 75-76.

Napier Bridge Battery, Madras.—Sanctions revised estimate for constructing a groyne and revetment for the protection of the —.

C. No. 1,853

Note by Budget Section.

Work

Constructing a groyne
and revetment for
the protection of the
Napier Bridge Battery.

Remarks and References.

Fund *Imperial. Ordinary*
Service Head *Military. Special*
Departmental Head *Public Works*
Amount of estimate Rs 1970
Expenditure in previous year "
Allotment in current year "
Balance required to complete 1970
Total Rs 1970

Note of available funds.

Being a Minor Work no specific
appropriation of funds is necessary,
under G.O. No. 105 W. of 14th February 1880.
The outlay on the work should be de-
bitted against the allotment of the
Presidency Division for Minor Works
under Military.

Budget Clerk.

30/8/81

Note by Budget Section.

No. 1,861

3/20/89
MADRAS,
Chepauk, 26th March 1889.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

To

The Chief Engineer,
P. W. Department.

Sir,

Enclosures. 9

2 Specifications
4 Abstracts of Cts.
1 Detailed Cts.
2 Plans

9

I have the honor to state that the Napier Battery is subject to damage from the encroachment of the Sea during the S. E. Monsoon. In November last a large portion of the front slope of the Battery was washed away by the waves. It is necessary therefore that some work should be carried out for its protection. Two groynes - one at either end of the Battery connected by a perpendicular wall will prevent encroachment of the Sea and protect the Battery from injury.

Two alternative estimates, one amount-
-ing to Rs. 6605 and the other to Rs.
2477 are forwarded for the work - the
former provides for new stones to be
obtained from Palaniram - the latter
for using the stones of the two old
groynes opposite the Marine Villa
marked D and E. in the enclosed
Tracing. These groynes appear
to be no longer required in their present
position, I would recommend there-
-fore that the smaller estimate
should be sanctioned.

I have the honor to be,

Sir,

Your Most Obedt. Servt.

Henry M. Vincent

Major, A.C.,

Superintendent of Works, Pres.

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2202

From

The Supt of Works
Residency.

No 4861.

Dated 26th }
Received } March 1881

Enclosure 9
Subject.

Napier Battery

Forwards estimates
for constructing
groynes to protect
the — from the
encroachment of the
sea during the N. E.
Monsoon.

2679/81.

N^o 884

Memorandum

Letter from the Supt of Works
Cray: No 861 d/26 March 81.

The estimates for construct-
ing groynes and revetment to protect
the Napier Battery are herewith re-
turned in view of their being submitted
for the approval of the Military
Authorities, as directed in G.O. No 1381
d/14 June 1880.

(By order)

(S^o) John Cunningham
Major R.E.

by Chief Engineer
R.W.D.

To The Supt of Works Cray
with 9 Encls.
Dated
2-4-81.

the Commander-in-Chief considers that
the removal of the two old groynes
might lead to the erosion of the beach
opposite the Marine Villa, and that
the groynes had better be left intact.

I have the honor to be
Sir,

Your most obedient servant
A. S. Sander at

Lt. Col. R. G.
Supt. of Works

For Supt of Works
Per G. J.

2.

DEPARTMENT-1881-82.

MEMORANDUM

No. 4853.

Number 1933.

25th August 1881.

Sup^t Engineer of Works.
Presidency.

Note of Remarks.

Revised Estimate
Plans & Specification
for constructing a Groyne
tment for the pro-
of the Chapier Bridge
y, Madras, Amount
1970.

Estimate for
ing the stones in the
groynes on the beach,
in the Marine Villa
Works Office.

The Plate entered is
being fair.

The Plan & Estimate have
been approved of by His H-
of the Commander-
in-Chief, & countersigned
2^d Lt. W. S. M. - Madras.

25th Aug. 1881

8/2202

12

C.E. No. 884-2-4-87
G.O. No. 1381 w d/14-6-88

J.W.C. No. 2685

From,
The Supt. of Works,
Residing.

No. 391

dated 3rd July 1887.
Recd 4th "

Enc. 2

Retd to Supt. of Works
No. 126 d/14 June/88.

Napier Battery.

Submits for sanction
an estimate of Rs 6605
for constructing groynes
& revetment for the protection
of the — from damage
by the sea.

2679/81

No. 1138

Public Works Department

Memorandum.

Letter from the Supt. of Works
Presidency, No 4861 d/26 March 1887.
Memo. to ditto, No 884 d/2 April 1887.
From ditto No 391 d/3 May 1887.
Submitting plans & estimate
amounting to Rs 6,605 for constructing
groynes & revetment for the protection
of the Napier Battery from sea
encroachment.

Submitted for the
approval of Government in the
Military Department, with reference
to G.O. No 1381 w d/14 June 1888.

Chepauk
5 May/88

(By order)

C. S. S. M. Capt R.

d/24 Ch. Engr. P.W. Dept.
Military Department
with the letter & enclos. above quoted (blue returned)

Wily: 1881 Sept

2679

From
The V. W. Dept
M. N. 1138.

Defences - Coast.

Approved

Dated 3.2
Recd 9 Aug 1881.

Obtained
May 1881.

Submitting for approval
Estimate for
groynes & for
protection of Napier
Battery, Madras.

Through Central Districts.

Paras and Buildings.
Estimates.

Quarter Master General's Office
Head Quarters: Cochin 12th August
1881

4th 1009
5422

To
The Superintendent of Works.
Presidency.

Sir,
I have the honor, by order, to forward for
disposal the Estimate, Plans &c. below mentioned
which have been approved by the Command-in-
-chief. The plans and Estimate have been counter-
-signed.

Estimate of Rs 1970 for constructing Groynes
and necessaries to protect & improve Padgo Battery,
with Specification and Extract from Chief Engineer's
letter.

2 Plans

1 The Command-in-Chief considered when the
subject was brought first before him that the
removal of the stones in Groyne nos. 1 & 2 and 3
in sketch might lead to the washing away of the
heads to the East of the Marine Wall, but as the
Chief Engineer states that these groynes are not
now required, this professional opinion is accepted
and the present Estimate approved.

I have the honor to be
Sir,

(True Copy)

Yours Obedient Servant -
Signed H. O. Cornwall
Quarter Master General

V. A. Burton
Superintendent of Works Presidency

Forwarded
Signed B. H. C. S. S. S.
15th August 1881

No. 12933

MADRAS,
Chepauk, 25 Aug. 1880.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

To

The Chief Engineer,
P. W. Dept.

Sir,

Enclosures. 6

2. Plans.
1. Abt. late in
duplicate.
1. Specification.
1. Copy of Q. M. G.
General letter.

I have the honor to forward a revised plan and estimate of Rs. 1970 for constructing a groynes and revetment for the protection of the Napier Battery prepared with reference to your Memorandum No. 126 of 1st June 1881.

A copy of the Quarter Master General's letter No. $\frac{1009}{5422}$ of 12th Instant returning the plan and estimate approved by the Commander-in-Chief is herewith forwarded.

I have the honor to be
Sir,

Your most obedient servant,

W. H. Stanton
Lt. Col. R. E.
Superintendent of Works,
P. W. Dept.

P.W.D. 1381 W. of 14.6.80
C.E. No 1138 of 5.5.81.

P.W.D. No 4853

From,

The Supt. of Works,
Presidency.

No. 1933

Sated 25th Aug. 1881.
Recd. 26th

Encls. 6. (plans)

Napier Battery.

Forwards revised
Estimate No. of Rs. 1970
for constructing a groynes
and revetment for the
protection of the —

Q. 30.8.81 4.5.9.81

No. 2252 W. 1881
PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 5th Sept. 1881

Read the following:—

From,

The Supt. of Works } (N.E. No 4861 of 26th March/81)
Presidency }

Memo. to do. do. (" " 884 " 2nd April "

From - do. do. (" " 891 " 3rd May "

Memo. to Military Dept. (" " 1138 " 5th May "

Memo. from - do. do. (" " — " 7th do. "

do. to Supt. of Works } (" " 126 " 1st June "
Presidency - }

From do. do. (" " 1933 " 25th Sept. "

The revised plan and
estimate amounting to
Rs. 1970 for constructing
a groyne and revetment
for the protection of
the Napier bridge
Battery is sanctioned
for execution from the

R.R.

Minor works grant under
Military at the disposal
of the Superintendent
of Works.

2. The estimate now
provides for utilizing
the stones in the old
groynes on the beach
between the Marine
Villa and the P.O.
offices, which are no
longer required in
that position.

3. This sanction has
been entered as Imperial
Ordinary No. 29th. of
1881-82 and classified
as a Military Original
Works.

AM

1/9/81

Cir 1/9/81 34/8. Retd 3/9

Supt. of Works Presidency
with a rubber
Car. P.O. Accounts with
duplicate done
Military Department
Financial Department
Sd/-
12/9/81

The Hon. the Governor

13
2202