Archives I—10,006—16-8 77.

(1) Number of pages 930

(2) Date of repair 16.10.86

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works. DEPARTMENT

G.O. No. B.P. No.	603 W	Press. Mis.
Dated	27.2.1879	197

D. Co

Not to be folded or roughly handled

603/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

27th February 1879, No. 603 W.

Buildings and Roads.

Civil Works.

Read the following papers :—

No. 266. From Captain R. R. E. BROCKMAN, R.E., District Engineer, Tanjore, to the Chief Engineer, Public Works Department (Buildings and Roads), dated Upper Anicut, 9th August 1878, No. 1,801.

I HAVE the honor to submit herewith a revised estimate, amounting to Rupees 975, for relaying the stone coping of the jetty at Negapatam and pointing its face, in lieu of the estimate, Rupees 250, sanctioned in G.O., No. 2,187 W, dated 17th May 1878. The Range Officer reports that when the original estimate was prepared about half a dozen stones only of the coping had fallen out, and the estimate allowed for taking up and relaying the entire coping in cement, that this estimate would have sufficed until quite recently ; but now in places where the coping had formerly been dislodged the damage has extended, and in parts large portions of the facing have given way, and unless at once repaired and the whole facing pointed the damage may assume extensive proportions ; that the surface of the wall also shows signs of wearing, and provision has therefore been made in the revised estimate for stripping the surface throughout and laying down a coating of concrete. The damage referred to is stated by the Range Officer to have lately occurred as the jetty has been subjected to heavy traffic concentrated at one part. I request that early sanction may be accorded to the revised estimate and the necessary funds allotted, as otherwise a second revised estimate will in all probability be required.

One estimate.
One specification.

No. 266-A. From the same Officer, dated Koradachari, 3rd September 1878, No. 2,016.

WITH reference to your memorandum, No. 3,817, dated the 28th ultimo, on the subject of relaying the stone coping of the jetty at Negapatam, I have the honor to inform you that the stones forming the facing of the jetty were originally laid without a sufficient number of leaders, and therefore form a mere skin to the brickwork of which the body of the jetty is composed. When one stone gets displaced the deterioration proceeds very rapidly, and this has been the case now.

The coping of the jetty is only a *curbing* and does not deserve the name of *coping*. The coping proper or upper surface of the jetty is brickwork covered with brick concrete. The Range Officer has been called upon to report the superficial area of facing that has to be replaced.

The surface of the wall refers to the stone facing above alluded to.

Although sanction was accorded in G.O., No. 2,187 W, of the 17th May, no appropriation of funds was made. The work was accordingly in abeyance until the receipt of G.O., No. 2,759 W, of the 6th July, appropriating the amount.

The sketch of the work referred to in the memorandum under reply will be submitted as soon as received from the Range Officer to whom a reference has been made.

No. 266-B. From J. W. RUNDALL, Esq., Acting Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 7th December 1878, No. 509.

I HAVE the honor to forward the sketch of the Negapatam jetty called for in your memorandum, No. 5,015, of the 6th instant.

2. I regret that there has been some delay in forwarding this sketch which came in with a number of undisposed papers from the Tanjore District Engineer's office instead of being specially sent on by Captain Brockman immediately on its receipt by him.

No. 266-C. From the same Officer, dated Dindigul, 20th January 1879, No. 1,248.

I HAVE the honor, as directed in your memorandum, No. 99, of the 8th instant, to forward herewith a comparative statement of the original and revised estimates for repairing the jetty at Negapatam.

2. The cause of excess of the revised over original estimate was explained in letter, No. 1,801, of the 9th August, from the District Engineer, Tanjore, but I have added brief remarks on the comparative statement.

3. In His Grace the Governor's minute regarding Negapatam he states that the top of the jetty can be kept covered with sand. In this case the sum entered for covering the jetty can be struck out. The Executive Engineer, Negapatam, can easily arrange for the top of the jetty wall being kept covered with sand.

4. I have already brought to your notice that, owing to the revised estimate not having been sanctioned, and the sum allotted on the original estimate having been expended, the work is at present at a standstill.

No. 1,035, of 8th January 1879.

No. 267. ORDER THEREON, 27th February 1879, No. 603 W.

THE revised estimate for repairing the jetty at Negapatam, which has been reduced from Rupees 975 to Rupees 600 by the substitution of sand and gravel for concrete and cement in relaying the surface, is sanctioned.

	RS.
Works	350
Establishment charges...	87
	437

2. The question of providing the additional funds required is remitted to the Financial Department for consideration, with reference to the previous orders on the subject.

3. This sanction has been registered as Special No. 232 B of 1878-79.

(True Extract.)

Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

To the Superintending Engineer, Fifth Circle.
„ Examiner of Public Works Accounts.
„ Financial Department.

Exd. C. Howarth.
Spare Copies

603
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1879} Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
FIFTH CIRCLE
&c., &c., &c.

Dated February 27th.

Issued

Recd. Encl.

G. O., 27th February 1879, No. 603 W.

FEBRUARY.

Nos. 266-267.

Negapatam Jetty.—Sanctions with remarks the revised estimate for repairing —

No. 1881

603/3

District Engineer's Office
Camp Upper anicut
9th August 78

From

Read the following papers:

Captain R. R. G. Brockman R.E.
District Engineer Tanjore

To

Colonel E. A. Foord R.E.
Chief Engineer D.P.W.
Buildings & Roads.

Enclosures 2.
1 Estimate
1 [illegible]

Sir,

I have the honor to submit herewith a Revised Estimate amounting to Rs. 975 for relaying the stone Coping of the Jetty at Negapatam and pointing its face in lieu of the Estimate Rs. 250 sanctioned in G.O. No. 2187 W. dated 17th May 1878. The Range Officer reports that when the original Estimate was prepared about half a dozen stones only of the Coping had fallen out and the Estimate allowed for taking up and relaying the entire Coping in Cement, that this Estimate would have sufficed until quite recently but now in places where the Coping had formerly been

been dislodged the damage has extended and in parts large portions of the facing have given way and unless at once repaired and the whole facing pointed the damage may assume extensive proportions, that the surface of the wall also shows signs of wearing and provision has therefore been made in the revised Estimate for stripping the surface throughout and laying down a coating of Concrete. The damage referred to is stated by the Range Officer to have lately occurred as the Jetty has been subjected to heavy traffic concentrated at one part. I request that early sanction may be accorded to the revised Estimate and the necessary funds allotted as otherwise a second revised Estimate will in all probability be required.

I have the honor to be
Sir
Your most Obedient Servant

Captain R.E.
District Engineer

recd No 2759 W of 6-7-78
G.O. -- 2187 W -- 17-5-78 and 1/4

P.W. 1878 Deptt.
Buildings

From No. 8941

The District Engr.
Tanjore.

To

The Chief Engineer
Buildings & Roads.

No. 1801

Dated 9th } August 1878
Recd. 12th }

E2 ✓

C.E.P. 3817 of 28-8-78

216

Negapatam Jetty —
Submitting for sanction a Revised Estimate for relaying the Stone Coping of the — and pointing its face in lieu of the Estd. of Rs. 250 sanctioned in G.O. No. 2187-W. of 17th May 1878.

To Actg. 14-8-78
Cir. 20-8-78. Retd. 28-8-78

603/5

Tanjore District
No. 3 or Negapatam Division
Negapatam Taluq
Special
Repairs
Miscellaneous Public Improvement
Aids to Marine Navigation
Harbours

Work. Repairing the Jetty at Negapatam
Estimate No. 1 J of 1878-79 Rs. 9752 .. ..

Quantity	Description of work	Rate	Per	Amott.	
810	Rft. of Removing coping throughout	.. .. ..		5	..
6.45	Squares of Bed dressing — at	15	Sq.	96	12
762 3/4	Cft. of rebuilding coping and facing throughout in mortar and cement	.. 5 6	Cft.	262	3
2596 1/2	Cft. of demolishing — at	 3	Do.	40	9
2596 1/2	Do. of relaying surface of jetty with concrete and surki cement —	.. 2 9	Do.	446	4
	Carried over			850	12

	Brought forward		850 12 6
48·60	Square of Pointing face with Morgans cement	1 8 ,, Sqr	72 14 5
			923 10 11
	Sundries &c		51 5 1
	Total Estimate Rupees		975 ,, ,,

31st July 1878.

(Signed) S. J. Romilly Lt. R.E.
assistant Engineer

Captain R.E.
District Engineer Tanjore

Central Office
R. W. 5/4/78

Distt Engineer's Office
9th August 1878

M.R. 7/8/78

Enclosure in letter No. 1801
dated 9th August 78 —
from the District Engr
Tanjore to the Chief Engr
for Buildings and Roads

PW 8941/78
1

Estimate Rs 975 for
repairing the jetty at
Negapatam.—

G.O. 606W. 27-2-79

603/7

Specification

The concrete is to be composed of 1 lime 1½ Surki, 3 Sand and 3 brick jelly and over burnt bits from the kiln

The concrete is to be gently laid (on no account to be pitched in) in layers 3" thickness, and each layer as it is laid must be consolidated with heavy rammer.

Before adding a second layer the surface of the former should be moistened.

Where the layers cannot be laid in the whole length at once joints 1 foot broad must be left.

31st July 1878 } (Signed) F. J. Romilly Lt. R.E.
Assistant Engineer

Captn R.E.
District Engineer Tanjore

District Engineer's office
9th August 1878

7/8/78

Enclosure in letter No. 1601
dated 9th August 78 -
from the District Engr
Tanjore to the Chief Engr
for Buildings & Roads

PW 8941/78
2

Specification -

P2

No. 2016

District Engineer's Office
Camp Koradacherry
3d September 78

603/8

From

Captain R.R.E. Brockman R.E.
District Engineer, Tanjore

To

Colonel E.A. Foord R.E.
Chief Engineer D.P.W.
Buildings and Roads.

Sir,

With reference to your Memorandum No. 3817 dated the 28th Ultimo, on the Subject of relaying the stone Coping of the Jetty at Negapatam, I have the honor to inform you that the stones forming the facing of the Jetty were originally laid without a sufficient number of headers, and therefore form a mere skin to, the brickwork of which the body of the Jetty is composed. When one stone gets displaced the deterioration proceeds very rapidly, and this has been the case now.

The Coping of the Jetty is only a Curbing, and does not deserve the name of Coping. The Coping proper or or upper surface of the Jetty is brickwork covered with brick concrete. The Range Officer has been called upon to report the superficial area of facing that has to be replaced.

The surface of the wall refers to the stone facing above alluded to.

Altho' sanction was accorded in G.O. No. 2187 W of the 17' May no appropriation of funds was made. The work was accordingly in abeyance until the receipt of G.O. No. 2759 W. of the 6' July appropriating the amount.

The sketch of the work referred to in the memo under reply will be submitted as soon as received from the Range Officer to whom a reference has been made.

I have the honor to be
Sir
Your most obedient Servant

Captain R.E.
District Engineer

G.O. 2187 W - 17.5.78. Mis
" - 2759 W - 6 - 7 - " —— " -
— " . C.E. 3817 - 28.8.78.

Buildings.

From No 9503

the Dist Engineer
Tanjore

To

the Chief Engineer
Buildings.

No. 2016

Dated 3rd September 78
Rd. 5 - Septr

C.E. No 5015 d/ 6 - Nov/78

Negapatam Jetty.
On the Subject of
relaying the Stone
Coping of the Jetty
at Negapatam

266 A

Cotg 5 - 9 - 78

No. 509. Supt. Engrs Office 5th Circle
Trichinopoly 7th Dec: /78.

608/10

From,

The Supt. Engineer
5th Circle

To,

The Chief Engineer
P. W. D

Enclo: 1.

Sir,

I have the honor to forward the sketch of the Negapatam Jetty, called for in your memo No. 5,015 of the 6th Instant.

2. I regret that there has been some delay in forwarding this sketch, which came in with a number of undisposed papers from the Tanjore District Engineer's Office, instead of being specially sent on by Captn. Brockman immediately on its receipt by him.

I have the honor to be
Sir
your most obdt. servt.
J. W. Rundall
Ag: Supt. Engineer

Roads & Buildings

No 13668

From
The Supg. Engineer
5th Circle

To,
The Chief Engineer
P. W. Department

No 509
Dated 7th December /78
Recd 9" " "

Enclosure (one)

[illegible] 8th Jany /79

Jetty at Negapatam.
Forwards Sketch
of ——

2661B

19

No 1248- Supt. Engr's Office 5th Circle
Dindigul 20th January /79.
Despd — 22nd

603
11

From.
The Supt. Engineer
5th Circle

To.
The Chief Engineer
P. W. D.

Roads & Buildgs
Enclo- 1-

Sir,

I have the honor as directed in your memo No 99 of the 8th Instant to forward herewith a Comparative Statement of the original and revised Estimates for repairing the Jetty at Negapatam—

2- The cause of excess of the revised over original Estimate was explained in letter No 1801 of the 9th August from the District Engineer, Tanjore, but I have added brief remarks on the Comparative Statement—

3- In His Grace the Governor's minute

minute regarding Negapatam he states that the top of the Jetty can be kept covered with sand. In this case the sum entered for covering the Jetty can be struck out. The Executive Engineer Negapatam can easily arrange for the top of the Jetty wall being kept covered with sand.

4- I have already brought to your notice that owing to the Revised Estimate not having been sanctioned and the sum allotted on the original estimate having been expended, the work is at present at a stand still.

No. 1035 of
8th Jany /77

I have the honor to be
Sir
your most obdt. Servt.

J. W. Rundall
Actg. Supdt. Engineer

Roads & Buildings

From
The Supg Engineer
5th Circle

To
The Chief Engineer
D.P.W.
Madras

No 1248
Dated 20th January /79

Enclo – 1

Go 283W 22.1.79
Ch. No 99 d/ 8.1.79
" " 5015 d/ 6-11.78
" " 3877 28.8.78
Mis 2759W d/ 6.7.78
" 1611W d/ 12-11-77
Go 2487W d/ 17.5.78
Mis 4662W d/ 1.11.78
266c

Negapatam Jetty
Forwards Comparative Statement of the Original & revised Estimates for repairing the ——

Ca 21/2B 27.2

Proceedings of the Madras Government
Under date the
Read the following

From
The District Engineer
Tanjore
} (D.E. No 1801 d/ 9th Augt.)

The revised estimate amounting to Rs 975 is sanctioned.

2. The question of providing the additional funds required remitted to the Financial Department for consideration with reference to the previous orders on the subject.

EAT
20/8

I dont think the increase of Est. from Rs. 250 in May. & Rs. 975 in Augst. is satisfactorily explained.

To
D.E. Tanjore.

The explanation is wholly insufficient – so far as I understand the specification letter the amount is not

A.S.

Necessary —

The original estimate provided "for taking up & relaying the entire coping" — this was put at 250. is now put at 262 + 96 + 5 = 363

This difference arises from one of two causes. erroneous measurements — or erroneous pricing — for the same work would have to be done & is proposed to be done in both —

The letter states that ~~that~~ large portions of the facing have given way — but in the estimate — there is no mention of any rebuilding of face & the surface — this does not explain any part of the excess —

It is now proposed to relay the whole surface of jetty with cement concrete at a cost of 486 Rupees — This must be the surface of jetty not surface of wall as stated in letter — The necessity of this is not understood what was old covering — ?

Why was not coping relaid immediately on receipt of previous sanction — ?

Why is it not done now irrespective of the extra ...

22/8

Ask explan on the above points. but Govt sanction ... comes ...

Lo ... 14-8-78

Cir 20.8.78. Rtd 28.8.78

B/R 5
Cl works

No. 603 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 27th Feby 1879.

Read the following :—

60 3/14

From the Distt Engr Tanjore	P.E. No. 1801 of 9th August 1878.
Do Do	P.E. No. 2016 of 3rd September 1878.
Supg: Engr 5th Circle	P.E. No. 509 of 7th Decr 1878
Do Do	P.E. No. 1248 of 20th Jany 1879.

The revised estimate for repairing the jetty at Negapatam, which has been reduced in the Chief Engineer's Office from Rs. 975 to Rs. 600 by the substitution of sand and gravel for concrete and cement in relaying the surface,

ABP 28/2

is sanctioned).

The question of providing the additional funds required is remitted to the Financial Department for consideration with reference to the previous orders on the subject.

20.2.79.

Works.	Rs. 350
Establt: charges ...	87
	437

This sanction has been registered as Special No: 232 B of 1878.79.

S. Engr 5th Circle
Genl P W Accts Wks & Bldgs
Finl Deptt
Desp 27-8-79 17

En 21/2 1877.2

15

Cir 21

Govt. of {1879} Madras.

PUBLIC WORKS.

28-2-79
5 M.

To

Dated

Issued

Recd. Encl.

G. O., 27 Feby 1879, No. 603 W

Nos. 266-267

Negapatam Jetty

Sanctions with remarks the revised estimate for repairing —

6

Ca 21/2 1879.2