Archives I-10,006-16-8 77.

(1) Number of pages 36

(2) Date of repair 24-2-87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. 85 W
B.P. No.
Press.
Mis.

Dated 11-1-1882 197.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

11th January 1882, No. 85 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 37. From Colonel J. BEATTY, R.E., Superintending Engineer, Sixth Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 26th November 1881, No. 1466 T.J.

I HAVE the honor to submit herewith the estimate of improvements at the port of Negapatam called for in G.O., No. 1356 W. of 30th May 1881. The estimate was originally sent me by the Executive Engineer, Negapatam, in July last, but was then incomplete, and had to be returned for correction and the countersignature of the Master Attendant.

- 1 Divisional Officer's letter No. 4067 of 31st October 1881.
- 1 Survey.
- 1 Plan.
- 1 Detailed and Abstract Estimate.
- 1 Abstract Estimate.

2. The plans now bear the countersignature of Captain Taylor, and the estimate has been recast and corrected.

3. I submitted an estimate of Rs. 550 for the work of planting, &c., for the maintenance of the sand spit with my letter No. 2202 of 5th February 1881. That estimate was not sanctioned, and the work of preserving and improving the plantations and preventing injury to the groynes and banks was entrusted to the Port Officer, who should, I suppose, be supplied with funds by the Master Attendant.

4. The present estimate provides for the following works :—

Vide clause 4, paragraph 6 of the Chief Engineer's memorandum.	I.—Two new groynes of 50 feet in length at Rs. 235 each, between the end of the Vedarniem canal and the existing groyne opposite the Salt Depôt...	470
	II.—Repairing the old groynes.	100
Vide clause 5, paragraph 6.	III.—Removing projecting portions at the west shore of the Salt Depôt	115
	IV.—Constructing a boat basin to the south of the light-house, size 350 feet × 130	1,280
Vide paragraph 13 of the memorandum.	V.—Jetty return to the north...	3,400
Vide paragraph 16 of the memorandum.	VI.—Groyne on sea face of the sand spit at 150 feet, south of the present mouth, 60 feet long, solidly constructed with concrete blocks...	1,050
	Grand Total ...	6,415

5. As the estimate has been prepared as closely as possible in accordance with the instructions given, I have no remarks to offer except that Item VII appeared indispensable looking at the position selected for the groyne on the sea face; and it appears to me that 150 feet is too small an opening to leave at the river's mouth; I should have left a clear width of 300 feet, but I presume that Captain Taylor considers 150 feet sufficient.

No. 2902.

MEMORANDUM.

Forwarded in original to the Master Attendant for countersignature to the estimate if approved, and for remarks with reference to the last paragraph of the Superintending Engineer's letter.

(By Order.)

3rd December 1881. (Signed) ROSS THOMPSON, Lieut.-Colonel, R.E.,
Actg. Dy. Chief Engineer, P.W.D.

To the Master Attendant,
with the letter above quoted and 7 enclosures (requested to be returned).

No. 37-A. From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, to the Secretary to Government, Public Works Department, dated Madras, 13th December 1881, No. 11136.

With reference to memorandum, Public Works Department No. 2902, dated 3rd December 1881, I have the honor to return, duly countersigned, the estimate for improvements to the port of Negapatam, and with reference to the last paragraph of the Superintending Engineer's letter No. 1466 T.J., dated 26th November 1881, to state that I am still of opinion that the opening at the river's mouth being only used for boats should not be more than 150 feet, in order to ensure sufficient scour to maintain the depth required. The papers forwarded are herewith returned.

No. 3062.

MEMORANDUM.

The Chief Engineer has the honor to inquire whether the Master Attendant has any objection to defer the construction of the palmyra groyne work south of the mouth, till at least experience has shown the necessity for it. The Chief Engineer is not in favor of any groyne projecting seaward so close to the mouth as that shown in the plan, and is inclined to think that the rest will not prove of any special value.

(By Order.)

16th December 1881. (Signed) ROSS THOMPSON, Lieut.-Colonel, R.E.,
Actg. Dy. Chief Engineer, P.W.D.

To the Master Attendant.

No. 37-B. From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, to the Chief Engineer, Public Works Department, dated Madras, 20th December 1881, No. 11403.

With reference to your office memorandum No. 3062, dated 16th December 1881, I have the honor to inform you that I have no objection to the construction of the palmyra groyne at the mouth of the river at Negapatam being allowed to stand over as suggested by you.

No. 38. Order thereon, 11th January 1882, No. 85 W.

The postponement of the construction of a palmyra groyne at the mouth of the river at Negapatam, as suggested by the Chief Engineer, is approved, and the balance of the estimate amounting to Rs. 6,415 for improvements to the port is sanctioned.

85/2

2. The Accountant-General will be instructed in the Financial Department to place the sum of Rs. 8,178* at the disposal of the Public Works Department for the execution of the work.

	RS.
* Works	6,415
Establishment	1,603
Tools and Plant	160
	8,178

3. This sanction has been registered as Excluded Local (Port Funds) No. 47 W. of 1881-82, and classified as Miscellaneous Public Improvement—Original Works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Sixth Circle, with six enclosures.
,, Examiner of Public Works Accounts, with duplicate Abstract Estimate.
,, Financial Department.
,, Marine Department.

Exd. E. C. Shunker.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1882] Madras.

PUBLIC WORKS.

To

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

Dated January, 11th

Issued.

Recd. *Encl.*

G.O., 11th January 1882, No. 85 W.

JANUARY
Nos. 37-38.

Improvements to the Port of Negapatam.—Estimate amounting to Rs. 6,415 for—sanctioned.

85/3

Memo

Ask the master attendant if he has any objection to defer the construction of the palmyra groyne work South of the mouth till at least experience has shewn the necessity for it.

I am I confess not in favour of any groyne

imate has be

projecting beam
so close to the
mouth as that
shewn in the
plan, and am
inclined to think
that the rest
will not prove
of any special
value

Ott

14.12.81

No 1466 T.J.

Supd. Engineer's Office
Trichinopoly, 26 November 1881.
dsp. 28

8/4

From.

Colonel J. Beatty R.E.
Supd. Engineer, Circle

To.

Colonel R. H. Sankey C.B. R.E.
Chief Engineer P.W.D.

Enclosures. 5.
1 Divisional officer's letter No 4067 of 31 Oct/81.
1 Survey.
1. Plan.
1. Detailed & abstract Est.
1 Abstract do.
5.

Sir,

I have the honor to submit herewith the estimate of improvements at the port of Negapatam called for in G. O. No 1356 W of 30 May 1881 - The estimate was originally sent me by the Executive Engineer Negapatam in July last, but was then incomplete, and had to be returned for correction and the countersignature of the Master Attendant -

2. The plans now bear the countersignature of Capt. Taylor and the estimate has been

recast and corrected.

3. I submitted an estimate of Rs 550 for the work of planting &c for the maintenance of the sand spit with my letter No 2202 of 5' February/81. That estimate was not sanctioned, and the work of preserving and improving the plantations & preventing injury to the groynes and banks was entrusted to the Port officer, who should, I suppose, be supplied with funds by the Master Attendant.

memo 414 of 18-2-81 not at present in the Records.

[illegible] Rs 150

4. The present estimate provides for the following works:—

P2

Vide clause 4 para 6 of the Chief Engineer's memorandum.	I. 2 New groynes of 50 feet in length @ Rs 235 each, between the end of the Vedarniem Canal and the existing groyne opposite the Salt Depot	Rs 85/5 470.
	II. Repairing the old groynes	100
Vide clause 5 para 6.	III. Removing projecting portions at the west shore of the Salt Depot	115
	IV Constructing a boat basin to the South of the light-house, size 350' × 130	1,280
Vide para 13 of the memorandum	V. Jetty Return to the North	3,400
Vide para 16 of the memorandum.	VI Groyne on Seaface of the Sand spit at 150 feet south of the present mouth, 60 feet long, solidly constructed with concrete blocks	1050
	VII. 1 Palmira groyne, 500 feet in length, to connect the groyne on the seaface with the end of the sand spit	1,170
	Grand Total Rs	6415 7,585

5. As the estimate has been prepared as closely as possible in accordance with the instructions given, I have no remarks to offer except that Item VII appeared indispensable looking at the position selected for the groyne on the sea face; and it appears to me that 150 feet is too small an opening to leave at the river's mouth; I should have left a clear width of 300 feet, but I presume that Capt. Taylor considers 150 feet sufficient.

This only
required
for boats &
by mooring
the entrance
the same
may be
preserved

I have the honor to be
Sir
Your most obedient servant
J. Beatty Colonel R.E.
Sup^t Engineer, 6 circle.

Sd/-

GO 2843W. 9.12.~~79~~ 80.
1356W. 30-5-81

From
The Supg. Engineer
6th circle.

To
The Chief Engineer
P.W.D.

No 1466 T.J.
Dated 26 } November 1881.
Recd }

Enclo: 5. 7 (2 plans)

Port at Negapatam:—

Forwards estimates &c for improving the—

Public Works Department

No 2902. Memorandum

Letter from the Supg Engr 6th Circle No 1466 T.J. d/ 26th Novr/81 submitting estimate &c amounting to Rs 7585 for improvements to the Port of Negapatam.

Forwarded in original to the Master Attendant for countersignature to the estimate if approved and for remarks with reference to the last para of the Supg Engineer's letter.

By order
(Sd) Rice Thompson Lt Col R.E.
Actg Chief Engr P.W.D.

3rd Decr/81

To The Master Attendant with the letter above quoted & 7 Enclo: (requested to be returned)

Despd 3-12-81

Administrative Department.

No. 1136

MADRAS,
Marine Office,
13th December 1881.

85/8

From
J. H. TAYLOR, Esq., Lieut., R.N.R.,
Master Attendant,
Administrative Department,
Madras.

To
Colonel R. H. Sankey C.B.R.E.
~~Chief~~ Secretary to Government,
Public Works ~~*Marine*~~ *Department,*
Fort Saint George.

Sir,

With reference to Memo: Public Works Department No. 2902, dated December 5th 1881, I have the honor to return, duly countersigned, the estimate for improvements to the port of Negapatam, and with reference to the last para of the Superintending Engineer's letter No. 1466 I.J, dated November 26th 1881, to state that I am still of opinion that the opening at the river's mouth being only used for boats should not be more than 150 feet, in order to ensure sufficient scour to maintain the depth required. The papers forwarded are herewith

Ld 5/12

Entd. in Receipt Regr.

herewith returned.

I have the honor to be
Sir,
Your Most Obedient Servant
J W Clayton
Master Attendant
Administrative Department.

MM

C.E. No 2902 of 3-12-81
G.O. No 1306 W of 30-5-81

C.E. No 3062 of 16-12-8

D° 7/1.2

Entd. in Receipt Regr

1P8

Administrative Department.

MADRAS,
Marine Office,
20th December 1881.

No. 11403

87/11

From
THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras,

To
The Chief Engineer
Public Works Department

SIR,

With reference to your office Memo:, No 3062, dated December 16th 1881, I have the honor to inform you that I have no objection to the construction of the palmyra groyne at the mouth of the river at Negapatam being allowed to stand over as suggested by you.

I have the honor to be
Sir,
Your Most Obedient Servant

J W [illegible]
Master Attendant
Administrative Department

NM

(188) DEPARTMENT.

P.W.D. No. 1370

From

THE MASTER ATTENDANT,
ADMINISTRATIVE DEPARTMENT,
Madras.

To

THE ~~CHIEF~~ SECY. TO GOVERNMENT,
P.W. ~~MARINE~~ DEPARTMENT,
Fort Saint George.

No. 11,136.

Dated 13 } December, 1881.
Received 15 }

No.

C.E. No. 3062 d/16-12-81

Subject.

Returning Estimate for improvements to the port of Negapatam duly countersigned with Plans &c.

[illegible]

Pg

No. 3062 d/16 Decr/81. 85/10 P.W.D.

Memorandum

Letter from the Master Attendant No. 11,136 d/13 December /81, relative to improvements to the port of Negapatam.

The Chief Engr. has the honor to enquire whether the Master Attendant has any objection to defer the construction of the palmyra groyne work south of the mouth, till at least experience has shown the necessity for it. The Chief Engr. is not in favor of any groyne projecting seaward so close to the mouth as that shown in the plan, and is inclined to think that the rest will not prove of any special value.

(By order)

Sd/ R.T.
Ag. Dy. C.E.

To The Master Attendant.

Despd 16-12-81.

G.O. 1356 W d/30-5-81
C.E. 3062 d/16-12-81

P.W. Cho. 7569

From
The Master Attendant,
Administrative Department,
Madras,

To
The

Dated 20 } December 1881.
Received }

No. 11403

States that the construction of the Palmyra Groyne at the mouth of the Negapatam River may be deferred

Recd 22-12-81

Circ 9.1.82

P. W. DEPARTMENT 1881-82.

~~MEMORANDUM.~~

85/13

Current No. 7020.

Letter Number 1466. T.S.

dated the 26th November 1881

from the Supg. Engineer ~~of~~ 6th Circle.

Note of Remarks.

The Estimate with Plans, report & specification for Improvements to the Port of Negapatam in the Tanjore Dist. amounts to Rs. ~~7586~~ 6415

The Estimate provides for the following works.

1. Construct 2 new Groynes of 50 ft in length each between the end of the Vedaranniem Canal & the existing groyne	Rs 470
2. Repairing the old groynes	" 100
3. Removing projecting portion at the West shore of the salt depot	" 116
4. Construct a boat basin to the South of the light house size 350 × 130	" 1,280
5. do Jetty return to the North	" 3,400
6. do Groyne on sea face of the sand spit at 150 ft ~~South~~ North of the present mouth 60 ft long, solidly constructed with Concrete blocks	" 1,050
7. do + Palmyrah Groyne 500 ft in length to connect the Groyne on the sea face with the end of the sand spit	" 1171
Total Rupees	7586

*
9.56

The Estimate has been prepared in accordance with the instructions given in G.O. Ex

No 1356 W. dated 30th May 1881

The Rates more or le agree with the Dist Schedule.

The Estimate has not been Countersigned by the Master Attendant

2nd Decr/81

Circ 9.1.82

C. No. 7020

P. W. Secretariat.

85/15

Note by Budget Section.

Work

Improving the Port of Vizagapatam

Remarks and References.

Fund Excluded Local (Port Fund)
Service Head Miscellaneous Public Improvement Rs.
Departmental Head Original Works ”
Amount of estimate … … … … Rs 7585
Expenditure in previous year … … ” –
Allotment in current year … … … ” –
Balance required to complete … … ” 7585
Total Rs… 7585

Note of available funds.

The Financial should be asked to provide from Port Funds Rs 9670 on account as follows

Works	Rs 7585
Establishment	1896
Tools & Plant	189
	Rs 9670

CH

Budget Clerk.

7/12

Note by Budget Section.

P. W. DEPARTMENT—1881-82.

~~MEMORANDUM.~~

Current No. 7569 85/14

Letter Number 11403

dated the 20th December 1881.

from the ~~Supg. Engineer of~~ Master Attendant
Administration Dept. Madras

Note of Remarks

The Estimate with Plans, report & Specification for Improvements to the Port of Negapatam in the Tanjore Distt amounts to Rs. 6415– as follows after omitting the item of Rs. 1170. for the construction of Palmyra Groyne of 500 ft in length Vide Chief Engr's memo No 3062. dated 16th December 1881.

1. Constructing 2. new groynes of 50 ft. in length each between the end of the Vadarniram Canal & the existing Groyne Rs. 470––
2. Repairing the old Groynes ––100––
3. Removing projecting portion at the west shore of the Salt depot ––115––
4. Constructing a Boat basin to the South of the light house Size 350×130 ––1280––
5. Do. Jetty return to the north 3400––
6. Do. Groyne on Surface of the Sand spit at 150 ft South of the present mouth 60 ft long solidly constructed with concrete blocks 1050–

Total Rs. 6415–

The Estimate has been prepared in accordance with the instructions given in G.O. No. 1356 W dated 30th May 1881.

The rates more or less agree with the Distt Schedule.

The Plans & Estimates have been countersigned by the Master Attendant.

E.C.
28/12/81

C. No. 7569.

P. W. Secretariat.

5/16

Note by Budget Section.

Work	Remarks and References.
Improvements to the Port of Negapatam.	

Fund Excluded Local (Port Funds)

Service Head Misc. Pub. Improvt. Rs.

Departmental Head Original Works.

Amount of estimate	... ...	Rs. 6,415
Expenditure in previous year	... ... "	-
Allotment in current year	... ... "	
Balance required to complete	... ... "	
	Total Rs.	6415

Note of available funds.

The Financial Department should be asked to provide Rupees 8178 from Port Funds on account as follows:-

Works —	Rs. 6,415
Establt —	1603
Tools & Plant —	160
	8,178

C.H.

Budget Clerk.

5/1

Note by Budget Section.

85W

No. 85 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

~~Under date the~~ 11th January /82

Read the following:—

From the Suptg. Engr. 6th Circle. N. E.	No. 1466.T.J.	d/26th Novembr./81
Chief Engineers Memorandum	" 2902	d/3rd Decr./81.
From the Master Attendant Administrative Deptt.	" 11,136	d/13th Decr./81.
Chief Engr's Memorandum	" 3062	d/16th Decr./81
From the Master Attendant Administrative Deptt.	" 11403	d/20th Decr./81.

The postponement of the construction of a palmyra groyne at the mouth of the river at Negapatam, as suggested by the Chief Engineer, is approved, and the balance of the estimate amounting to Rs 6415 for improvements to the port is sanctioned.

2. The Accountant General will be instructed in the Financial Department to

to place the sum of Rs 8178[+] at the disposal of the Public works Deptt for the execution of the work.

+ Works	–	Rs 6415
Establt	— "	1603
Tools & Plant	"	160
		8178

3. This Sanction has been registered as Excluded Local (Port Funds) No. 47 W of 1881-82 and classified as Miscellaneous Public Improvement — Original works.

Cy

7.1.82

S.E. 6th Circle
with 6 enclos.
Ex. P.W.A.
with Dupte. Abst. Este.
Finl. Deptt
Marine Deptt.

Despd 24-1-82.

Coc 9.1.82

7569.

Govt. of (1882) Madras.

PUBLIC WORKS.

To

12/1/4

Dated

Issued

Recd.

Encl.

G. O., 11th Jany 1882, No. 85 W.

Nos. 37 to 38

Improvements to the Port of Vizagapatam

Estimate amounting to Rs 6,415 for — sanctioned.

10/11

Entd. in Receipt Regr.