

(1) Number of pages 4  
(2) Date of repair 15-7-86  
(3) Initials of the Referencer bug

# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

*Public works* DEPARTMENT

|          |              |        |
|----------|--------------|--------|
| G.O. No. | 926 (w)      | Press. |
| B.P. No: | (spare copy) | Mis.   |
| Dated    | 26-2-1978    | 197 .  |

Not to be folded or roughly handled-

92-6  
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

26th February 1878, No. 926 W.

Buildings and Roads.

Civil Works.

Read the following paper:—

No. 283. From Captain R. R. E. BROCKMAN, R.E., District Engineer, Tanjore,  
to the Chief Engineer, Buildings and Roads Branch, dated Tanjore, 29th  
November 1877, No. 2,046.

In continuation of my letter No. 93, dated 20th January last, and with reference  
to G.O., No. 374, dated 3rd February,

- 1 Survey Plan.
- 2 Sections.
- 2 Plans of Jetty, &c.
- 7 Estimates.
- 1 Specification.

passed thereon, I have the honor now to  
forward estimates accompanied by a  
correct survey for the improvement of the  
Negapatam Harbour.

2. The subject of improving the  
condition of this harbour has come before Government so frequently during the last  
15 years that it is unnecessary to recapitulate all the causes which have hitherto  
tended to diminish its utility to the port of Negapatam, and the recent opportunity  
that His Grace the Governor has had of inspecting the locality and taking personal  
eye-evidence of its condition relieves me of the necessity of giving a prolix descrip-  
tion of its present state.

3. All investigations hitherto instituted regarding the matter have uniformly  
led to the acceptance of the principle, that in order to improve the approach to, and  
the mouth itself of, the harbour, a sufficiently powerful scour of the flood waters  
brought into it should be established; and that to do this the width of the channel  
which forms the harbour should be duly contracted, and training walls carried out  
seawards to maintain the mouth in position, and guide the flood waters in a proper  
direction.

4. The estimates now submitted provide for the prolongation of the jetty on  
the north side to an additional length of 150 feet, built on wells in sectional lengths  
of 30 feet and a training groyne on the south side of concrete blocks on a fascine  
foundation, protected by a row of piling and built solid above L.W.M. The nose of  
this training wall will be protected by rough stone or concrete blocks against an  
eddying scour.

5. The narrowing of the channel of the harbour will be effected by groynes and  
piling, with brushwood and grass and plants indigenous to the soil, and will be carried  
out from the sum of Rupees 540 annually allotted for the maintenance of the harbour.

6. Sheets of cross sections accompany in order to show the depth and direction  
of scour effected during the flood season. The peculiar alteration of the deep bed  
may be attributed to a cause I have already animadverted upon in my letter, No. 1,997,  
dated 22nd instant, viz., the habit of mooring cargo boats along and athwart the  
harbour channel.

No. 284. ORDER THEREON, 20th February 1878, No. 926 W.

His Grace the Governor in Council is not at present prepared to sanction the construction of the training wall proposed to be built south of the entrance to the Negapatam Harbour. It is understood that "dredging" and "regulated mooring of boats" in former years had a beneficial effect on the harbour, and that to these measures having been neglected the deterioration now complained of is possibly mostly due. His Grace in Council therefore desires their immediate re-adoption. The flow down the main channel will be carefully gauged weekly at some fixed points from the shore. On receipt of the data thus obtained, Government will be in a position to decide what further expenditure shall be sanctioned. The District Engineer will submit plans and estimates for two Spon Dredges with the monthly cost of efficiently working them, and will at once take steps to have certain fixed points permanently marked on the shore, and sections taken from them, and the work eventually done either by the Dredges or by natural forces clearly delineated thereon in different colors and submitted to Government each month.

(True Extract.)

(Signed) - E.A. FOORD, Colonel, R.E.,  
Secretary to Government, P.W.D.

To the District Engineer, Tenali.  
" Examiner of Public Works Accounts.  
" Marine Department.

*Done, Engr. for dgt.*

926  
2

BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of  Madras.  
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,  
TANJORE.  
&c. &c. &c.

Dated February 26th.

Issued

Recd.

Encl.

G. O., 26th February 1878. No. 926 W.

FEBRUARY.

Nos. 283-284.

Negapatam Harbour.