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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

PW

G.O. No.	20 25 (W)	Press.
B.P. No.		Mis.
Dated	24. 7. 1987	198

Not to be folded or roughly handled.

24th JULY 1883, No. 2025 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

G.O., dated 14th July 1883, Mis. No. 1500, Financial.

Read—the following Proceedings of Government, Public Works Department, dated 2nd July 1883, No. 1845 W.:—

Abstract.—Sanctioning the opening of a cut through the new mouth of the Mangalore Harbour, and the Accountant-General to place the necessary funds at the disposal of the Public Works Department.

Order—dated 14th July 1883, Mis. No. 1500, Financial.

The Accountant-General will place Rs. 128 at the disposal of the Public Works Department from Port Funds.

(True Extract.)

(Signed)

A. S. RUSSELL,
Under Secy. to Govt., P.W.D.,
for Ag. Chief Secretary.

To the Public Works Department.

ORDER—dated 24th July 1883, No. 2025 W., Public Works.

In the above Proceedings the Accountant-General has been instructed to place Rs. 128 at the disposal of the Public Works Department on account of opening a cut through the new mouth of the Mangalore Harbour, but the amount required is Rs. 623, as detailed in the margin. The Accountant-General will therefore now be instructed, in the Financial Department, to place the difference, viz., Rs. 495, also at the disposal of this department at an early date.

(True Extract.)

To the Superintending Engineer, Fourth Circle.
" Master Attendant, Madras.
" Examiner, Public Works Accounts.
" Financial Department.
" Marine do.

Exd. A. F. Goodall.

Spare Copies

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Oct. of 1883 Madras.
PUBLIC WORKS.

Dated July 24th.

Recd.

Encl.

G.O., 24th July 1883, No. 2025 W.

JULY.

Mangalore Harbour

The Accountant-General to be instructed in the Financial Department to place at the disposal of the Public Works Department an additional sum of Rs. 495 on account of opening a cut through the new mouth of the —.

3RD JULY 1883, No. 1845 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From J. P. DAVIDSON, Esq., Executive Engineer, Coimbatore Division, to the Superintending Engineer, Fourth Circle, dated Coimbatore, 13th June 1883, No. 417.

I have the honor to forward, for orders, true copy of letter from the Sub-division Officer, South Canara.

1 Copy of the Sub-divisional Officer's letter, with its three enclosures.

2. The Sub-division Officer is anxious to re-open the southern mouth of the

Mangalore backwater, and proposes spending Rs. 500 on the work.

3. As stated in the postscript of his letter, Lieutenant West wired to me for instructions, and I replied that he was to do nothing. The southern mouth, while open last year, was no doubt a great convenience, but at the same time local opinion was very much divided as to the suitableness of the position, the majority being in favor of a position further south at Ulaul, more directly opposite the point where the Netravati enters the backwater.

4. The chief object in cutting the new mouth so far north last year was to get it near the Custom House, and thus avoid the necessity of shifting this building which, if the mouth was far south, it was considered would be necessary.

5. During the visit, however, of the Chief Engineer, Public Works Department, and the Master Attendant in February last, I understood the Port Officer to say that there was no object in keeping the mouth close to the Custom House, and that the Ulaul position would be the best for the new mouth.

6. It was then decided by Colonel Sankey and Captain Taylor to do nothing more towards closing the old mouth (Gurpur gap) or keeping the new mouth open; and, moreover, if this new mouth closed, it was decided to incur no further expenditure in re-opening it, but to leave nature to do her own work.

7. I do not, under the circumstances, consider it advisable to assist the river in breaking out at the new mouth of last year, and I do not agree with the Sub-division Officer's arguments in paragraph 2 of his letter, nor his remarks regarding loss of life, &c., in paragraph 5; the flooding of the lower parts of Mangalore is not uncommon in high floods, and I do not think the cut suggested by the Sub-division Officer would make any appreciable difference in the height of these floods, which, of course, reach their highest level when the tide is coming in, and the discharge through the mouths is to a great extent checked.

8. I have instructed the Sub-division Officer to do no work and incur no expenditure pending orders from you. I request you will therefore give early instructions on the subject.

3RD JULY 1883, No. 1845 W., PUBLIC WORKS.

ENCLOSURES

From Lieutenant W. D. S. WEST, Assistant Engineer, South Canara Sub-Division, to the Executive Engineer, Coimbatore Division, dated Mangalore, 28th June 1883, No. 106.

In continuation of my telegram of the 24th inst., I have the honor to report that my attention having been drawn by the Collector and Port Officer to the present state of the new harbor mouth at Mangalore, I inspected it and now beg to submit the results of my inspection on the subject.

2. I believe the Netravati River will certainly overflow the low sandbar between the sea across the new mouth since April last and make an opening for itself. This I believe will be easily effected, even with a moderate flood of 2 feet. But more probably there will be to 4 feet flood in July or August, and instead of a deep channel, the river may make a broad and shallow opening. This opening will tend to reduce the extent of the river on the old bar, which is positively dangerous during rough weather, and Mangalore may have next season two bad openings instead of one good one.

3. I would therefore respectfully suggest that a channel be cut to guide the course of the Netravati River over the deepest water on the bar, and to help it to secure a good depth for itself; so that if we get good floods, as occurred last year, the new opening may be successful and permanent. The outlay this year will be very moderate, and will not exceed Rs. 500.

4. You are aware that the portion of the backwater a little north of the new mouth is silted up, and the basin between the old mouth and old bar shallow, and this sand from the backwater will therefore be driven towards the old mouth, which it must shallow and reduce in width, and may be, help the closing of the old mouth early, at a moderate west, next season. In short, with the new mouth open again this year, the river must push more of its sand northwards towards the old mouth and tend to improve the new opening. There will be no difficulty in opening and carrying out the little work that is now indispensably necessary; the large narrow break on the new bar, which is stationary, and there are comparatively very small waterways in the bay, near the proposed guide channel, which will not interfere with the work. Moreover, it is very deep in the bay near the new cut, so that there is no likelihood of the sea throwing up more sand and raising this part of the sandbar.

5. Under these circumstances, I believed it my duty to telegraph to you on the subject, and now have the honor to submit for your very favorable consideration and recommendation, an estimate, amounting to Rs. 500, for the proposed guide channel, together with a survey and section showing floor levels, &c. I fully believe if the little work I now propose is carried out, that the new mouth will prove more successful than on the last occasion. Even should it close again after nine months, as it did in April last, which I doubt, the money will be well spent, and it will be a great convenience to all craft passengers, boatmen, and freight by steamers, and last, but not least, a check to the inundations, loss of life and property on the margin of the river near Mangalore.

6. As the channel will take sometime to excavate, and it is not easy collecting labor during the rains, also as I would wish to have the heavy part of the work completed before floods come down, I therefore beg early sanction by telegram may be accorded to the estimate.

N.B.—Since writing the above I have had your telegram to "Do nothing and spend no money on the new mouth." In reply I now report that no expenditure has been incurred, and that nothing will be done till sanction is accorded.

I would, however, beg a reconsideration of the subject in the interests of the public service.

No. 245 E.W.

Endorsement on the above.

Forwarded for the information of the Chief Engineer, Public Works Department.

2. The undersigned has approved the action of the Executive Engineer in forbidding any expenditure on the bank of sand across the new mouth of the Netravati, as this was in accordance with the decision come to by the Master Attendant, Administrative Department, and the Chief Engineer when they visited Mangalore in February last.

(Signed) J. BRATFY, Colonel, R.E.,
Superintending Engineer, Fourth Circle.

Ootacamund,
17th June 1883.

3RD JULY 1883, No. 1845 W., PUBLIC WORKS.

From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, Madras, to the Secretary to Government, Public Works Department, dated 23rd June 1883, No. 5635.

I have the honor to inform you that, after an interview with Mr. Wicks, the Port Officer of Mangalore, who takes a very intelligent interest in the port, and was present at all the operations last season connected with opening a new mouth, and endeavouring to close the old one, of the river at Mangalore, I am of opinion that, as a very narrow cut is only required to re-open the new mouth, and the expense, viz., Rs. 500, very small, and as nearly Rs. 5,000 have been retrenched from the estimate for closing the old mouth, the matter of finance need not stand in the way. The question of prudence in again interfering with nature may be argued in favor of a new attempt, on the ground that, as shown by Mr. Wicks, much of the new channel remains *in situ*, and a small cut would open it out in a direction pointed out by nature as the most favorable. It is possible that the very unusual force of last year's monsoon may have defeated our intentions by preventing any silting of the old mouth, and so have made the new one less able to contend with it. It seems considered by most observers of the situation that it cannot be long before nature reverts to the old situation for an opening, and is unlikely to make it in the place most suited to the purposes of the port. From this point of view it would be advisable to keep up the preliminary action which is induced by the new opening.

2. The only argument against the attempt is the possibility of having two bad bars instead of one good one, a matter of some consequence to the native vessels, but this would only be if both continued open; there was no difficulty that I know of this last fine season. I believe that deep as the pot-hole to the northern opening is, it would very soon fill up if nature approved of the change. I would not advocate attempting to close it, but careful observation be made of its change, if any.

ORDER—dated 3rd July 1883, No. 1845 W., Public Works.

The Master Attendant, Madras, having since recommended to the Chief Engineer the expenditure of Rs. 500 from Port Funds on renewing the experiment of last year for opening the cut through the new mouth of the Mangalore backwater, authority has been communicated by telegram for at once proceeding with the work.

2. The Accountant-General will be instructed in the Financial Department to place the sum above named at the disposal of the Public Works Department, together with the usual charges on account of Establishment and Tools and Plant.

3. The result should be reported in due course.

(True Extract)

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

To the Superintending Engineer, Fourth Circle, with three Enclosures.
Master Attendant, Madras.
Examiner, Public Works Accounts.
Financial Department.
Marine do.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS
CIVIL WORKS.

Govt. of Madras.

PUBLIC WORKS.

Dated July, 3rd.

To,

From,

G.O., 3rd July 1883, No. 1845 W.

JULY.

New mouth of the Mangalore Harbour

Sanctioning the opening of a cut through the —, and the Accountant General to place the necessary funds at the disposal of the Public Works Department.

Financial Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

207/9
Read the following

Proceedings of Government, Public Works Department, dated 3rd July 1883 P. 1845 W. Sanctioning the opening of a cut through the New mouth of the Mangalore Harbour and the Accountant General to place the necessary funds at the disposal of the Public Works Department.

Order thereon 14th July 1883 P. 1500 Ins. —
The Accountant General will place Rs. 128 at the disposal of the Public Works Department from Port Funds.

/ True Extract/

A. S. Russell.

Under Secy P.W.D.
for. of Chief Secy

To The Public Works Dept.

S.D.

No 1045-4 3-7-83

103

Gobt. of 1883 Madras.

JWC 12/5/89

To

The P.W. Dept.

Recd 20/7/83

Proceedings, dated 14 July 1883
No. 500/83

Subject.

Authorizing Acct
P.W. to place certain
Amount at the dis-
posal of P.W. Dept.
for Mangalore Harbour.

Despatch that part of

No 2025W
Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 26th July 1883

Read the following

Proceedings of the Madras
Government, Finance
and Dept.

N. D. No 1870 Dated 12th July 1883

In the above proceed-
ings the Accountant Ge-
neral has been directed
to place Rs 128 ac-
count of the P.W.
Dept. on account of
opening a cut through
the new mouth of the
Mangalore Harbour, but
the amount that
required
should be placed is

Rs 623.41
Wages . . . Rs 500
Establishment . . . 115
Tolls & Plant . . . 8
Total Rs 623

General will therefore
now be instructed, in
the Financial Dept.,
to place the difference

By Dr 495 also no the
disposal of this dept
no one early date

Copy 11
2/7

The Supply Dept. 4 months back
a Martin Cottonwood Machine
a Hammis A.M. Account
a Financial Report
a Hammis Report

17/7
Mass
copy

6109
No. 1183
PUBLIC WORKS

25
26 July 1895

Mangalore Harbor

The Accountant General
be instructed in the
Financial Dept. to
place at the disposal of
the P. W. Dept. an amount
sum of Rs 1695 on account
of opening a cut through
the New Mouth of the

60
17

Druf

Entered in Receipt Register