

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No.	160	Press
321/322,		Mis.
Dated	17-1-	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
17th January 1873.*

No. 321. Read the following endorsement of the Financial Department, dated 13th November 1872:—

Read the following Proceedings of the Board of Revenue, dated 8th November 1872, No. 2,162.

Read the following letter from the President of the Local Fund Boards, Godavery District, to the Secretary to the Board of Revenue, dated Cocanada, 17th July 1872, No. 76.

I HAVE the honour to submit, for sanction, an estimate,* etc., amounting to Rupees 27,000, for cutting a navigable canal in the island of Nagaram, Nursapur Taluq.

* 1 Survey Plan.
2 Sketch Maps.
1 Estimate.

2. The Local Fund Board of the Cocanada Circle have at a meeting held on the 15th instant passed the estimate on the understanding that the cost of the "Syphon sluice" and "Embanking drain," provided for in the estimate, namely, Rupees 10,000, should be met from Imperial Funds.

3. The Superintending Engineer's letter received with the estimate has this day been submitted to the Board of Revenue with Collector's letter No. 220.

4. I request therefore that the cost of cutting the canal, namely, Rupees 17,000, may be placed at the Superintending Engineer's disposal from the balance of the Road Fund.

ENCLOSURE No. 1.—Survey Plan.

ENCLOSURES Nos. 2 and 3.—Sketch Maps.

ENCLOSURE No. 4—Estimate.

THE survey map, and estimate amounting to Rupees 27,000, for cutting a navigable canal in the island of Nagaram (length four miles) in the Cocanada Circle of the Godavery District, are submitted for the sanction of Government.

2. The component parts of the estimate are as follow:—

	RS.
1. Cutting	17,000
2. Embanking drain	6,000
3. Syphon sluice, etc.	4,000
Total...	27,000

3. The necessity for the work has been fully set forth in Colonel Fischer's letter to the President of the Local Fund Board, dated 3rd July 1872, No. 1,279, a copy of which is herewith forwarded.

4. The President states that the Local Board have passed the estimate on the understanding that the cost of the syphon sluice and embanking drain therein provided, namely, Rupees 10,000, which properly appertains to Irrigation, will be met from Imperial Funds, as suggested by the Superintending Engineer, and requests that the remainder of the estimate, Rupees 17,000, may be allotted from the unappropriated balance of the Road Fund.

*Proceedings of the Madras Government, Public Works Department,
17th Januay 1873.*

5. The Board request that Government will be pleased to authorize a grant of Rupees 10,000 from Imperial Fund.

6. On the receipt of sanction to the estimate, the Board will make the required allotment from the Road Fund of the circle.

REFERRED to the Department Public Works for remark.

(Signed) W. HUDLESTON,
Officiating Chief Secretary.

No. 322. ORDER THEREON, 17th January 1873, No. 160.

IRRIGATION, No. 26.

On the 20th May last Lieutenant-Colonel Fischer brought his scheme, for connecting the Vasista and Vanitiyaur branches of the Godavery by a navigable canal across the Nagaram Island under the consideration of the then Acting Chief Engineer for Irrigation, and in G. O., 29th July 1872, No. 1,803, the idea was approved and the Superintending Engineer was instructed to provide for this work in the revised estimates for the Central Delta project.

2. Colonel Fischer a short time after sending his letter to the Chief Engineer, addressed the President of the Local Fund Board, Cocanada Circle, strongly urging the carrying out of this scheme from Local Funds, and the Board now propose to contribute Rupees 17,000 to the cost of the work, if the Government will provide the balance, Rupees 10,000, of Colonel Fischer's estimate, out of Imperial Funds.

3. The project has not yet assumed a shape in which it can be sanctioned by the Government. The estimate of Rupees 27,000 is but an approximation; the proposal to pass irrigation water under the canal by a single syphon is one which may be feasible, but it has yet to be properly and fully explained by surveys and levels. All therefore that can be said at present is that the Government on the *prima facie* evidence which has been adduced, have generally approved the scheme, and that when it is properly matured it will receive full consideration. As providing a local communication, the project is one which has a claim on Local Funds, while, as connected with the improvement of the delta system, it is probable that the Supreme Government will not be indisposed to sanction part of the cost from Loan Funds.

(True Extract.)

Lieut.-Colonel, R.E.,

Joint Secretary to Government.

To the District Engineer, Godavery.

.. Chief Engineer for Irrigation.

.. Financial Department.

.. Revenue ..

Exd.S. T. Austin.

No. 2,162.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 8th November 1872.

Read the following letter from W. S. FOSTER, Esq., President of the Local Fund Boards, Godavery District, to the Secretary to the Board of Revenue, dated Cocanada, 17th July-1872, No. 76 :—

I HAVE the honour to submit, for sanction, an estimate,* etc., amounting to Rupees 27,000, for cutting a navigable canal in the island of Nagaram, Narsapur taluq.

*-1 Survey Plan.
2 Sketch Maps.
1 Estimate.
—
4

2. The Local Fund Board of the Cocanada circle have at a meeting held on the 15th instant passed the estimate on the understanding that the cost of the "Syphon sluice" and "Embanking drain" provided for in the estimate, viz., Rupees 10,000, should be met from Imperial Funds.

3. The Superintending Engineer's letter received with the estimate has this day been submitted to the Board of Revenue with Collector's letter No. 220.

4. I request, therefore, that the cost of cutting the canal, viz., Rupees 17,000, may be placed at the Superintending Engineer's disposal from the balance of the Road Fund.

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Total...	27,000

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4. The President states that the Local Board have passed the estimate on the understanding that the cost of the syphon sluice and embanking drain therein provided, viz., Rupees 10,000, which properly appertains to Irrigation, will be met from Imperial Funds, as suggested by the Superintending Engineer, and requests that the remainder of the estimate, Rupees 17,000, may be allotted from the unappropriated balance of the Road Fund.

5. The Board request that Government will be pleased to authorize a grant of Rupees 10,000 from Imperial Funds.

6. On the receipt of sanction to the estimate, the Board will make the required allotment from the Road Fund of the circle.

(A true Copy and Extract.)

J. G. Gode
Secretary.

To the Chief Secretary to Government, Financial Department,
with five enclosures.

„ the President, Local Fund Boards, Godavery District.

„ the Acting Superintending Engineer, 1st Division.

„ the Controller of Public Works Accounts.

Exd. T. Cartledge.

MEMORANDUM.
Transmitted to G.O. No. 160-87-17
REQUESTED for ~~reference~~ the under-mentioned papers
Enclosure to G.O. No. 160-87-17
Jan - 73
3 plans +
one estimate
and 811.8
OFFICE OF THE CHIEF
ENGR. FOR IRRIGATION,
P. W. Department,
15th Feb 1873.
To
The Registrar of the *Mr. Keentana*
Head Clerk.

Canal—Navigable—in island of Nagaram
in Coacanada circle of Godavery district.—Esti-
mate, amounting to Rupees 27,000, for cutting
—submitted to Government, for sanction.
Grant of Rupees 10,000 requested from Imperial
Funds on account of syphon sluice and em-
banking drain provided in the estimate.

NOVEMBER.
No. 2,162.

Received 13 Nov
1872

Dec 12 1872
Dec 16 1872
Dec 22 1872
Dec 29 1872
Enc. 5

PROCEEDINGS, 8TH NOVEMBER 1872, No. 2,162.

Dec 12 1872
Dec 16 1872
Dec 22 1872
Dec 29 1872
Enc. 5

BOARD OF SUPERINTENDENTS

Dec 12 1872
Dec 16 1872
Dec 22 1872
Dec 29 1872
Enc. 5

Superintending Engineer's Office
No 1279 1st Division, Dowlatabad
3 July 1872

From The Asg. Superintending Engineer
1st Division

To The President of Local Fund Board.
Cananda Cule.

Sir, I have the honor to submit for the consideration of your Board, a sketch map of the Nagaram island showing its two main lines of drainages a survey map and sections showing the practicability of uniting these for navigation purposes and an estimate amounting to Rupees 27,000 for executing the necessary work

2. At present the Amlopur taluk and Nagaram island have no complete lines of navigation to connect them with any of the other deltas or with any inland markets and the produce of these very fertile tracts

Enclosures 4.
1 Survey plan
2 sketch maps
1 estimate

the ground in its vicinity is higher. There are four small irrigating channels at present in existence, running across the line of the proposed canal; these I propose to pass under it by a siphon since which the Government will not perhaps object to pay for, as they obtain a water rate from the lands irrigated by these canals.

5. After the work has been established, it will, in all probability be necessary to incur an outlay of Rupees 1000 a year for its maintenance, until the channel has assumed a good section for the ^{new} waters conveyed into it, and it is necessary also to provide for clearing away phials left by the freshes of the river; the drainage of the country will be much improved

by the work, as these waters will have a free outlet in a more contracted and deeper channel, so that in time I am in hopes we shall be able to reduce the maintenance grant.

6. The project then provides for connecting this very fertile tract with the whole of the system of navigation in the other Deltas, with the inland markets of Hyderabad, and Juntir, which obtain large quantities of produce from Ellore, raised very largely in Amilapur and Nagaram, and as the canal is chiefly tidal, the navigation will be available throughout the year, the outlay proposed, Rs 24,000 is by no means large when the importance of the work is considered, and the maintenance Rs 1000

a year will hardly be felt out of the contributions of the island.

I send also with this report a sketch map of Amalapur taluq and Nagaram island, showing the existing lines of navigation, and beg to explain, the East bank canal has no locks in it except at the head, and no outlet; it is therefore of little use for navigation and not of much use for irrigation. The Amalapur canal is only navigable as far as the Kusab station, so that it is of little use to the largest areas of the taluq; the west bank canal is only navigable as far as Razole and is not connected with the Variseta Godavery; to complete this with a tidal lock will cost probably $\frac{3}{4}$ of a lac of Rupees;

on

on this map I have marked the proposed cut by which all the produce of Nagaram island and that of Amalapur taluq, brought to the banks of the Variseta Godavery, can be at once conveyed by water to the markets of the Western Delta, the outlet now being completed out to sea by Mogalthur, and the inland markets of Hyderabad and Guntur via Ellore, and as this work could be executed in one dry season, I do not think any very great doubts can exist as to its importance.

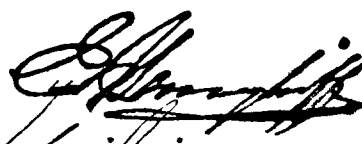
I have &c.

/signed/ J. J. Fischer. Lieut. Col. R. B.
Asst. Surg. & Eng. 1st Div.

(True Copy)

/signed/ W. S. Foster
Asst. Collector.

(True Copy)


J. J. Fischer
Lieut. Col. R. B.
Asst. Surg. & Eng. 1st Div.

J. J. Fischer
Secretary.

Public Works Department

Proceedings of the Madras Government

Read the following

From The Pres. of the B^d of Revenue. } H.E. No. 2162 of 8th Novr/72/
Through Revenue Dept.

1756/72

1856/72

1856/72

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W.C.

of the then Acting Chief
Engineer for Irrigation
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1872 No 1803 the idea was
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to provide for this work
in the revised estimates
for the Central Delta
project.

2. Colonel Fischer
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Rupees 10,000, of Colonel
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3. The project
has not ^{yet} assumed a
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be sanctioned by the
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proposal to pass irriga-
tion water under the
Canal by a single sy-
phon is one which may
be feasible, but it has
^{not}

Cp 5602

Govt. of 1872 Madras.

PUBLIC WORKS.

To The District Engineer
Godavery

Date

Recd.

Encl. 5

G. O. 17th Aug 73 No. 160

No. 3219322

Canal. Repairing orders
on No. The Board
of Rev. Mr. Smithy an
estimate for a navi-
gable canal across
the Nuggarani
Island in the Godavery
Rt.