M R O 1—77,006—8-6-31.

(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. 140	Press / Mis.
269-70	
Dated 12. 1	1870.

Not to be folded or roughly handled

No 269. Read the following letter from Major J F. Fischer, Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishwerum, 7th December 1869, No 3,254 :—

In forwarding copy of a letter from the Executive Engineer, No. 1 Range, Godavery, No. 436, dated 4th instant, I have the honour to report, for the information of Government, that the plans and estimates for re-modelling the Cocanada Canal are complete and being checked in this office, and as soon as I am furnished by the Collector with his report on the probability of the area estimated by this department as likely to be taken up for irrigation, I will send in the whole scheme.

2. In the meantime I have to request permission being granted to get on with the building of the lock at the 16th mile, where all the material required for the work has been collected, except the lime. The design for these locks are similar to those lately sent in for the Nursapore Canal, namely, 150×20, the only difference being in the lifts, which average between six and seven feet, and entail a greater thickness of side-walls, for which due allowance has been made.

3 If the works, however, cannot be put in hand, the Executive Engineer reports that a sum of Rupees 4,471, out of Rupees 5,000, sanctioned in G. O, of the 29th May 1869, No 1,767-A, for the lock at the 21st mile, cannot be expended in this official year, and is available for transfer to other works

4. As the Cocanada Canal becomes quite useless for navigation soon after the 1st April every year, I am using every endeavour to get the Samulcottah Canal completed this year before that date, and as it is extremely probable the original estimate, for improving this latter work, will be exceeded, the above sum might be allotted to it.

5. The Cocanada Canal is so important a line of communication, I purpose sending in the design for re-modelling it in anticipation of submitting the general design for the Eastern Delta, in the hope this course will be approved of by Government The whole area of land expected to be irrigated by the canal is about 41,600 acres, of which 36,700 are returned as already under cultivation, so that, as far as extending the irrigation is concerned, this canal is not of any great importance, but as regards navigation, there is no such important line in the Delta carrying some 10,000 tons a month of the value of not less, I should suppose, than Rupees 10 a ton, or a lac per month, and as it is the main line by which the cotten is conveyed to the port of Cocanada, its re-modelling is of the highest importance to the district.

No 270. Order thereon, 12th January 1870, No. 140.

IRRIGATION, No. 11.

The Government regret that they are unable to sanction the commencement of the construction of the lock in the 16th mile of the Cocanada Canal. This and all the other improvements to the Delta works will, it is expected, be provided for out of Loan funds, so soon as the

Proceedings of the Madras Government, Public Works Department,
12th January 1870

estimates can be submitted to the Government of India, and the Superintending Engineer should therefore lose no time in completing these estimates

2. This being the case, and Major Fischer having reported that 4,471 rupees out of the allotment of Rupees 5,000 made in May last, G O, No. 1,767A, cannot be expended, except by the immediate commencement of the lock, this sum will be held at the disposal of Government. The transfer of ordinary funds to the Samulcottah Canal, a work under execution from Loan funds, is not permissible and if, as the Superintending Engineer supposes, the sanction for this canal will be exceeded, no time should be lost in submitting such explanations as will allow of additional sanction being granted.

3. The Government will not be able to pass orders on the estimate for improving the Cocanada Canal, a part from the estimates for the Eastern Delta. The importance of this canal is, as Major Fischer remarks, very great, but the rules laid down by the Government of India must be attended to, and therefore the complete estimates for the Delta should be sent in as early as possible.

(True Extract.)

(Signed) J. MULLINS, Major, R E.,
Acting Joint Secretary to Government.

To the Superintending Engineer, 1st Division
" Controller of Public Works Accounts.

Ed E. C Shunker

No 436

Executive Engineers Office
4th December 1869.

From, The Officer in charge
No I or E. D Range
Godavery District.

To, The Superintending Engineer
1st Division
Dowlaiswaram

Sir,

In reply to your Memo No 3177 dated 2d December 1869, I have the honor to inform you, there is no room to collect more material for Lock at 21st mile which is, reason for small expenditure.

2. All material exemplaining for Lock at 16th mile has been collected, and until sanction to go on building is received, very little expenditure can be incurred, it entirely depends on date on which Orders to go on with the building are received, as to amount which can be expended during Current Official year

I have &c
1st E & Y Range Exe Engineer

True Copy
Mus Fischer. Ll

Superintending Engineer's Office, 1st Division

Dowlaishwarum, 7th December 1869

No. 3254

From

Major P. T. Cuchin R.E.
Acting Superintending Engineer

1st Division

To

Colonel Chesney R.E.
Secretary to Government D. P. W.

Madras

SIR,

In forwarding copy of a letter from the Executive Engineer No 1 Range Godavery No 1,136 dated 4th instant, I have the honor to report for the information of Government that the Plans and Estimates for remodelling the Cocanada Canal are complete, and being checked in this Office, and as soon as Completed by the Collector with his report on the particulars of the areas intended by this Department as likely to be taken up for irrigation, will be sent on for the orders of Government.

2. In the meantime, I have to request permission being granted, to get on with the building of the Locks at the 16th Mile where all the Materials required for the work

Endorsement in red ink

No 3254 dated 7th December
from Superintending Engineer
1st Division
Remarks by Secretary
D. P. W.

been collected, except the Lime. The designs for these Locks, are similar to those lately sent in for the Narsapore Canal, Viz^z. 150×20 the only difference being in the Lifts, which average between 6 & 7 feet, and entail a greater thickness of side Walls for which due allowance has been made.

3.^d Of the works however carried on and in hand, the Executive Engineer reports that a sum of Rupees 1,471 out of Rs. 5000 Sanctioned on 6 Oct.^r of the 3.^d May 68 Rs. 1767 A for the Lock at the 21.^st Mile cannot be expended in this Official year, and is available for transfer to other works.

4. As the Cocanada Canal becomes quite useless for Navigation even after the 1.^st April every year, Planning every endeavour to get the Samulcottah Canal completed this year before that date, and as it is extremely probable, the Original Estimate, for improving this latter work, will be exceeded, the above sum might be allotted to it.

5. The Cocanada Canal is so important a line of communication, & purpose sending in the design for re-modelling it in anticipation of submitting the general design for the Eastern Delta, in the hope this course will be approved of by Government. The whole area of land expected to be irrigated by the Canal is about 46,600 Acres, of which 36,700, are returned as already under cultivation, so that so far as extending the Irrigation is concerned, this Canal, is not of any great importance, but as regards Navigation, there is no such important line in the Delta, carrying some 10,000 tons a Month of the value of not less, I should suppose, than Rupees 10 a ton, or a lac per Month, and as it is the Main line by which the Cotton is conveyed to the Port of Cocanada the re-modelling is of the highest importance to the District.

I have the honour to be
Sir
Your Most Obed.^t Servant
Alex.^r Kierlen Major
Ag.^t Superintending Engineer 1.^st Div.^n

No 1140

Proceedings with Harbour Improvements
Under Date the 12th January 1870
Read the following:-

From the Assistant Engineer in Charge
Kurrachee

Sir,

I have the honor to report for the information of Government that the Plans and Estimates for remodelling the Western Canal Basin, and for deepening and improving the Entrance Channel, which were submitted to the Committee of Inspection on the 6th December 1869, have been approved by the Committee, and I am now preparing working drawings and specifications for the proposed works.

2. The Government sanction is requested to the Contractors employed on the Keamari Groyne, to be allowed to remove the Timber Piles, and other Materials, now standing on the Western Basin, and to use them in the construction of the new Basin Walls.

3. The Government sanction is also requested to the Contractors employed on the Keamari Groyne, to be allowed to remove the Timber Piles, and other Materials now standing on the Eastern Basin, and to use them in the construction of the new Basin Walls.

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No 269

No 1140 - 12th January 1870.

No 1140-124 Dated 1870

completing these Estimates.

2. This being the case, and Major Fischer having reported that 4471 Rupees out of the allotment of Rs. 5000 made in May last G.O. No 176 by Govt, cannot be expended, except by the immediate Commencement of the Lock, this power will be held at the disposal of Govt. The transfer of Ordinary funds to the Sarcudcottah Canal, a work under execution from Loan Funds is not permissible and if, as the Superintending Engineer supposes, the sanction for this

Canal

Canal will be proceeded
no time should be lost
in submitting such Es-
timates as will allow
of additional sanction be
granted.

3. The Govt will not be
able to pass orders on the
Estimate for improving
the Cocanada Canal,
apart from the Estimates
for the Eastern Delta.
The importance of this
Canal is, as Major Fischer
remarks very great, but
the rules laid down by the
Govt of India must be
attended to, and therefore
the complete Estimates

Lo

for the Delta should be
kept in as early as possible

14. 15/12/69

No 1140-25 25 Jany 1870

Lo Secretary of War
Controller of Stores

Dated 17.1.70.

Cue 5224

Govt. of (1869) Madras.

PUBLIC WORKS

To the Superintending Engr
1st Division

Dated

Rect

Read 12th Augt 1869

No 269-270

Cocanada Canal Piping orders
on the Cattle from the Judy Engr
of the 7th Dist reporting the mi-
nor warranty the Cocanada Canal
~~Completion~~ and of all the other improvements
& the Delta works -