M.R.O. 1—10,006—28-2-50.

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1911	Press
B.P.—No. 306-5308		Mis.
Dated	15-7-1874	195

Not to be folded or roughly handled

Read the following papers:—

No. 306. From Major J. O. HASTED R.E., Officiating Superintending Engineer, 1st Division, Kistna, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Weyoor, 11th June 1874, No. 22.

I HAVE the honor to forward herewith sketch plan and estimate for cutting a channel, 6 feet wide at bottom and with side slopes of 2 to 1, to drain the low ground between Lingala sand ridge and the Polarazu Codu into Chinna Komileru swamp, called for in paragraph 33 of your Note No. 309-A, dated 7th May 1874.

1 Plan of Lingala Drainage.
1 Estimate.
1 Specification Report.

2. The channel follows the line of a proposed drainage channel now being estimated for in the completion project, and which will eventually drain the strip of country lying between the Chigurukota channel (extended) and the Polarazu Codu; the fall corresponds with the fall of the proposed channel, of which the details are now being worked out, and which will, I believe, require to be above 20 feet wide at bottom, and the work proposed to be done now is, therefore, a part of the completion project.

3. The discharge of the channel will vary according to the water in the swamp; when the swamp is full the quantity discharged will be very trifling, and, under favorable circumstances, will not probably be more than 45 feet per second; but the sand ridge on which the Chigurukota channel runs being about 12 feet above high water, and the starting point of the channel being the lowest ground between it and the Polarazu Codu, the cut will even in the heaviest rainfall give considerable relief.

4. It would, of course, be better to make the bottom width 12 feet instead of 6 feet, but looking to the amount of the present estimate, I have not ventured to increase the width. If money is forthcoming it may however be increased.

No. 432-C.

No. 307. *Note by the Chief Engineer for Irrigation.*

THE accompanying estimate, amounting to Rupees 3,905, for cutting a drain to relieve lands, the drainage of which is obstructed by the Polarazu Codu canal in the Eastern Delta, Kistna, is recommended for sanction as a Minor New Work chargeable to Capital, as it is part of the drainage of the Kykalur sub-section of the delta, which will be provided for in the completion estimates. The drainage of the land in question was noticed to be much required when the canal was inspected at the end of 1873.

OOTACAMUND, *22nd June* 1874. (Signed) JOHN MULLINS, Lieut.-Colonel, R.E., *Chief Engineer for Irrigation.*

No. 308. ORDER THEREON, 15th July 1874, No. 1,911.

IRRIGATION, No. 30.

THE estimate of Rupees 3,905 for cutting the Lingala drain, in the Kykalur sub-section of the Eastern Delta,

Proceedings of the Madras Government, Public Works Department,
15th July 1874.

Kistna, is sanctioned for execution from the Minor New Works allotment at the disposal of Government; and for the reasons stated by the Chief Engineer for Irrigation, the outlay will be charged to Capital.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secretary to Government.

To the District Engineer, Kistna.
,, Chief Engineer for Irrigation.
,, Officiating Controller of Public Works Accounts.

MEMORANDUM.

REQUESTED for reference the under-mentioned papers :—

1 { 3 Enclosures referred to in the letter from the D.E. Kistna [illegible] in G.O. No. 1911 - 15 July/74 @ No. 309A 27 May/74 sent to Govt with above letter.

2 { R. No. 899 - 13 May/74 @ No. 333A - 19 May/74 } Sent with the Ch. Eng's Note No. 399 printed with [illegible] G.O. No. [illegible] July/74

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION,
28 - 7 - 1874.

[illegible]
Head Clerk.

To

The Registrar of the P.W. Secl.

Memo

This Government cannot sanction expenditure from Loan funds, and it is doubtful whether the Government of India would sanction this small estimate in anticipation of the submission of the estimates for the Kykalur subsection which will probably not be disposed of until too late to do anything this year. The want of drainage in this particular locality is a serious inconvenience to the villagers and the only objection to the work being carried out from the ordinary grant is that it will absorb funds & these are

under favorable circumstances will not fr

not very plentiful. Nevertheless as it is only just that the present state of things should be remedied as soon as possible I would suggest the carrying one of the work from the minor new works grant as proposed.

[illegible] 3/7/74

No. 22

Superintending Engineer [illegible]
1st Division [illegible]
Camp Weyyoor
[illegible] 1874

From

Major J. O. Hasted R.E.
Officiating Superintending Engineer
1st Division [illegible]

To

Lieutenant Colonel John Mullins R.E.
Chief Engineer for Irrigation

Sir,

I have the honor to forward herewith sketch plan and estimate for cutting a channel 6 feet wide at bottom and with side slopes of 2 to 1 to drain the low ground between Lingala Sand ridge & the Polarazo Codu into Chinna Kominteru Swamp, called for in para 33 of your note No. 309 A dated 7th May 1874.

Enclosures 3
1 Plan of Lingala drainage
1 Estimate
1 Specification Agreement
3 Total.

2. The Channel follows the line of a proposed drainage Channel now being estimated for in the Completion Project, and which will eventually drain the strip of country lying between the Chigurukota Channel (extended) and the Polarazu Codu, the fall corresponds with the fall of the proposed Channel, of which the details are now being worked out, and which will, I believe, require to be above 20 feet wide at bottom and the work proposed to be done now is, therefore, a part of the completion project.

3. The discharge of the Channel will vary according to the water in the swamp; when the swamp is full the quantity discharged will be very trifling, and under favorable circumstances will not probably be

more than 45 feet per second, but the sand ridge on which the Chizurukota Channel runs being about 12 feet above High Water and the starting point of the Channel being the lowest ground between it & the Polaraza Coda, the cut will even in the heaviest rain fall give considerable relief.

4. It would, of course, be better to make the bottom width 12 feet instead of 6 feet, but looking to the amount of the present estimate, I have not ventured to increase the width. If money is forthcoming, it may, however, be increased.

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

John Estel Major R.E.
Offg Supt Engineer 1st Dn Kistna

No 432 C

From C. Es. No. 1101 Re.
The Chief Engineer
1st Division
Bisbee

To,
The Chief Engineer
for Irrigation
D.P.W.

P. W. 4120/74
Dated 11th June 1874
Received 17th —

Gen. 3.

Forwards Skelib plan and Estimate for cutting a chl to drain the low ground between Lingala Sand ridge and the Pobogu Codu, as called for, with certain observations.

No. 306

G. O. No. 1911 of 1874

Q. 6 [illegible] 1874.

No. 432 C

Note by the Chief Engineer for Irrigation

The accompanying estimate, amounting to Rupees 3,905, for cutting a drain to relieve lands, the drainage of which is obstructed by the Polerazkodu canal in the Eastern Delta, Kistna, is recommended for sanction as a minor new work chargeable to Capital, as it is part of the drainage of the Kykalur subsection of the Delta, which will be provided for in the completion estimates. The drainage of the land in question was noticed to be much required when the canal was inspected at the end of 1873.

Ootacamund
22nd June 1874.

[illegible] Lt Col R.E.
Chief Engr. for Irrigation

To
The Secretary to Govt P.W.D.

No. 301

Public Works 1874 Department
Pro. of Govt for Duty

No 4120

From

The Chief Engineer
for Irrigation
No 432 C.

Dated 22nd June
Received 6th July } 1874

Enclos: 4

Cl No 1911 15-7-74

Note on the estimate for the drainage of certain land between Singala and the Polarazoo Codu Channel in the Kistna Dist.

No 307

Public Works Department

Proceedings of the Madras Government 1911 Read the following

From
The Offg Supg Engr 1 Dn (H & No 22 dated 11 June 74)
" Chief Engr for Irrn (H & No 432C dated 22 Do)

The estimate of Rupees 3905 for cutting the Singala drain, in the Kykalur subsection of the Eastern Delta Kistna, is sanctioned for execution from the minor new works allotment at the disposal of Govt; & for the reasons stated by the Chief Engr for Irrigation, the outlay will be charged to Capital.

Glass on the understanding that this grant is from Extraord Funds not ordinary agreement

Mr

Mg. 23/6/74

To
The D.E. Kistna ✓ Manuscripts despd to D.E. Kistna 15/7/74
-- Chf Engr for Irrn ✓
-- Controller Mr and ✓ with Estimates
Copies despd 16/7/74.

4120

Govt. of 1874 Madras.

PUBLIC WORKS.

To

The Dt. Engr.
Kistna

Dated

Recd.

Encl. 1.

G. O. 15 July 1874, No. 1911

Nos. 306-308

Lingala drain

Estimate of Rs. 3905 for cutting the Lingala drain, in the Kykalur subsection of the Eastern Delta, Kistna District, sanctioned, the outlay to be charged to Capital.