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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No.	4004	REV	Press.
B.P. No.			Mis.

Dated	17.7.1877.	197 .
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Not to be folded or roughly handled

1
4004

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

7th July 1877, No. 142 I.

Irrigation,
Account.

Read the following paper:—

No. 71 I.

No. 31. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Munnoor Cusbah Tank Supply Channel and Goondloor Razu Irrigation Channel situated in the Pullumpett Taluq, Sidhout Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow:—

ORDINARY AGRICULTURAL.

RIVER EMBANKMENTS.

Original Works.

Cheyair River Right Embankment above Railway.

Constructing a head sluice	...	...	...	...	...	Rs.
						2,100
					Total	2,100

3. The following particulars of this tank are recorded:—

Munnoor Cusbah Tank.	Ayacut area	...	...	Acres	630	{	Circar...	346	Acres.
							Inam ...	284	
	Assessment	...	...	Rupees	5,662	{	Circar...	2,623	Rupees.
							Inam ...	3,039	
	Average revenue	...	...	"	3,762	{	Circar...	2,807	"
Goondloor Razu Channel.							Inam ...	955	"
	Highest do.	...	...	"	4,311	{	Circar...	3,345	"
							Inam ...	966	"
	Expenditure during the previous four years	...	...						Not stated.
	Ayacut area	...	...	Acres	44	{	Circar...	20	Acres.
Goondloor Razu Channel.							Inam ...	24	
	Assessment	...	...	Rupees	436	{	Circar...	100	Rupees.
							Inam ...	336	
	Average revenue	...	...	"	238	{	Circar...	216	"
							Inam ...	22	"
Goondloor Razu Channel.	Highest do.	...	...	"	238	{	Circar...	216	"
							Inam ...	22	"
	Expenditure during the previous four years	...	...						Not stated.
	Ayacut area	...	...	Acres	44	{	Circar...	20	Acres.
							Inam ...	24	

As the Munnoor Cusbah Tank Supply Channel and the Goondloor Razu Irrigation Channel are in close proximity to each other, where the Cheyair river embankment crosses them, it is proposed to slightly divert them and pass them through one sluice of three vents each 3' x 3' in the south embankment of the river above the railway bridge.

The design submitted is somewhat peculiar, but the work, if truly built, will look well and will serve the purpose intended. The soil at the site is stated to be "sand for about 6 feet" and under it "black clay." The foundations of the wings and of the curtain walls boxing in the floor should be carried down to the "black clay" instead of stopping 2 feet short of it. This extra 2 feet may well be of concrete.

The shutter proposed is unnecessarily heavy; there is no necessity for the surrounding framing strengthened with angle irons. If made of 2 inch planks it will be amply strong without extra strengthening, but flat bar iron $2" \times \frac{1}{4}"$ may be fixed on its vertical edges, rear face, to reduce friction and take the wear of the rubbing against the angle irons which should form the bearing surface. This sluice is to be built in the right flood bank of the Cheyair above the railway.

FORT ST. GEORGE,
26th June 1877.

(Signed) G. T. WALCH,
Ag. Dy. Chief Engr. for Irrigation,
for Chief Engr. for Irrigation.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 32.

ORDER THEREON, 7th July 1877, No. 142 I.

The following estimate from the Sidhout Range forwarded by the District Engineer, Cuddapah, is sanctioned:—

Irrigation.

Group or Project.—Cheyair river.

Fund.—Ordinary Agricultural, river embankment.

Class.—Original Works.

Name of Tank, Canal, or Channel.—Cheyair river right embankment above railway.

Particulars of Work.—Head sluice to Munnoor Cusbah Tank Supply Channel and Goondloor Razu Dasabundum Irrigation Channel.

Amount.—Rupees 2,100.

To be carried out by the Public Works Department Officer in charge of Sidhout Range.

2. This sanction has been registered as No. 88 I of 1877-78, and is supplemental to that given in G.O., No. 328, dated 1st February 1877, for the right embankment of the Cheyair above the Madras Railway.

(True Extract.)

Colonel R.E.

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the District Engineer, Cuddapah.
" Collector of Cuddapah.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

Exd. T. D. Ryan.

4 Spare Copies

2
4004

Revenue Department

✓ No 3297

IRRIGATION.
ACCOUNT.

Govt. of 1877 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
CUDDAPAH,
&c., &c., &c.

Dated July 7th.

Issued

Recd.

16 July

Encl.

G. O., 7th July 1877, No. 142 L.

JULY.

Nos. 31-32.

N. 4004

Comm to the
Board of Revenue

17 July 77

Munoor Cuddah Tank Supply Channel and
Goondloor Razu Dandiundun Irrigation
Channel, Cuddah District. The estimate of
Rs. 2,100 for constructing a head sluice to
the same sanctioned.

92429 Revenue 1877