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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	3178	Press.
B.P. No.		Mis.
Dated	7-6 1877	197

Not to be folded or roughly handled

31/7/87

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

21st May 1877, No. 32 I.

Irrigation.

Account.

Read the following paper :—

No. 25 I.

No. 62. *Note by the Chief Engineer for Irrigation..*

The District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Ackapaud Yerracheroo Tank situated in the Pullampet 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

IRRIGATION.

Original Works.

Constructing a masonry weir	...	...	...	...	...	Rs. 600
Do. a rough stone by-wash	...	...	...	...	...	125

Repairs.

Raising and repairing the bund and repairing revetment and the irrigation Sluice	...	...	...	...	...	325
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Total ... 1,050

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

Ayacut area...	...	...	...	{ Circar ... 32 } Inam ... 6	38 Acres.
Assessment ...	...	...	...	{ Circar ... 132 } Inam ... 18	150 Rupees.
Average revenue ...	...	...	...	{ Circar ... 264 } Inam ... 25	289 "
Highest do. ...	...	...	...	{ Circar ... 389 } Inam ... 29	418 "

Expenditure during the previous four years... Nil

This tank is situated in latitude 14° 11' 30", longitude 79° 8' 0", and is above the Husteram Tank of the Mannoor Kusba Tank Group.

The area of the catchment basin is 7.5 square miles, the maximum flood supply is calculated at 2,266 cubic feet per second for discharging which as surplus there is a rough stone escape 42 feet in length at the north end of the bund, in lieu of which it is proposed to construct a masonry weir 100 feet in length, and to supplement it with a rough stone by-wash 128 feet in length at the end of the bund, making an aggregate length of 228 feet available for the surplus discharge.

The bund and revetment require slight repairs and raising to uniform levels of 4.5 and 2.5 feet above F.T.L. respectively; the sluice also is in need of slight repair, and the estimate submitted provides for these repairs and improvements to the tank.

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3178

The ayacut area of the tank is stated to be only 38 acres, whilst the average actual area of cultivation during the last five years has been 58½ acres; even this latter is very small* compared with the area from which

* Eight acres a square mile of drainage.

the tank derives its supply of water, and the relation between the stated area of catchment basin and area irrigated should always receive the District Engineer's attention.

If the bund at cross section 3 has a revetted rear slope, no addition thereto should be made to bring it to exact section, but either the top of the bund may be made a little narrower than the normal or about a yard of the upper part of the revetment can be packed at a steeper slope.

The so-called by-wash appears to be an escape of which 100 feet in length is to be protected by a rough-stone pavement, while the discharge beyond will be over the ground surface. The ground will need to be cut down to F.T.L. for a total length of 168 feet. The end of the bund must be protected by revetment.

The estimate is recommended for sanction.

FORT ST. GEORGE,
16th May 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. 63. ORDER THEREON, 21st May 1877, No. 32 I.

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

ACKAPAUD YERRACHEROO TANK.
Head of Service—Irrigation.

Group or Project.	Fund and Main-head.	Class.	Name of Tank.	Particulars of Work.	Amount.	
Mannoor Kusbah Tank Group.	Ordinary Agri- cultural, Irrig- ation.	{ Original Works.	Ackapaud Yerracheroo Tank.	{ Weir ...	Rs. 600	
				{ Escape ...	125	
		{ Repairs ...		{ Repairing Bund and Sluice ...	325	
					1,050	

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

2. This sanction has been registered as No. 56 I of 1877-78.

(True Extract.)

W. L. L. L.

Lt. Col., 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. J. W. Fischer.
Spare Copies

Revenue Department
No 2782
IRRIGATION
ACCOUNT.

Gobt. of 1877 Madras.
PUBLIC WORKS.

To

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

2

Dated May 31st.

Issued

Recd. 6th June Encl.

G. O., 21st May 1877, No. 33 L.

Is M. S.

MAY.

Nos. 62-63.

No 3178
Comm. to the
Board of Revenue

7 June 1877

Achayand, Yerracheru, Taluk, Cuddapah District.—The estimate of Rupees 1,050 for certain works to the — sanctioned.

95th H. & R. Revenue 98-6-77