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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	2717	Press.
B.P. No.		Mis.
Dated	14.5-1877	197 .

Not to be folded or roughly handled

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Read the following:—

No. 195.

No. 502.

Note by the Chief Engineer for Irrigation.

No. 199, dated 15th March 1877.

THE following estimates from the Tinnevely Range are forwarded by the Associating District Engineer, Tinnevely, with his letter marginally noted:—

Talug.	Village.	Work.	Amount.
Ottapedarum ...	Ottapedarum ...	Sangararajapuramkulam Tank ...	Rs. 260
		Vanyankulam Tank ...	94
		Peakulam Tank ...	88
		Total ...	442

2. The financial and hydraulic details of the Irrigation works concerned are exhibited in the following statement:—

I.—Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Average annual revenue for 5 years.	Highest Revenue for 5 years.	OUTLAY.			
					During the previous 4 years.	PROPOSED ORDINARY AGRICULTURAL IRRIGATION.		
						Original Works.	Repairs.	Average annual portion of charges to Revenue.
	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.	per cent.
Sangararajapuramkulam Tank ..	24	134	134	134	...	...	260	38.8
Vanyankulam Tank ...	37	49	42	49	...	...	94	44.7
Peakulam Tank...	14	76	16	32	...	...	88	110.0
Total ...	75	259	192	215	...	...	442	46.0

II.—Hydraulic Details.

II.—HYDRAULIC DETAILS.									
Name of Work.	Catchment Basin Area.	MAXIMUM SUPPLY.		LENGTH OF ESCAPE.		AVERAGE HEIGHT OF BUND.		Surplus discharged at M. T. L. per Second.	Tanks above.
		Catchment per Second.	Channels per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT.	C. FT.	Over Natural	Do.	FT.	FT.	All.	NO.
Sangararajapuramkulam Tank.	1.5	337	..	Over Natural Ground Ample.	Do.	2.07	0.57	"	2
						4.07	2.57	"	2
Vanyankulam Tank ..	2.0	422	..			2.71	1.21	"	NB.
						3.98	2.48	"	
Peakulam Tank ..	1.0	260	..	2.67	1.17	"			
				4.0	2.5	"			

NOTE.—The proposed dimensions of escapes and heights of bund are printed in large type. The existing dimensions are in small type. The following abbreviations are used:—C.—Canal with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank.

3. The following is a summary of the work proposed to be carried out.

The estimates for the above-mentioned tanks provide for raising and repairing the bunds which are low and weak, and repairing the irrigation sluices.

The tanks surplus over gravelly ground at the ends of their bunds and these means of disposing of flood waters are stated to be sufficient.

One tank of the group to which the Sangararajapuram tank belongs, and lying above that tank, is stated to require 2 feet additional length of weir. The District Engineer should report what steps have been taken to carry out this work, which is necessary for the safety not only of the tank with which it is immediately connected, but also of tanks below it.

The estimates are recommended for sanction.

The following statement shows the proposed distribution of the outlay recommended for sanction to the debit of the several heads of account involved.

Name of Tank.	Items of Estimate.	FUND, ORDINARY AGRICULTURAL, IRRIGATION.		Total for each Tank, &c.
		Original Works.	Repairs.	
Sangararajapuram Tank ...	Raising and repairing the bund, and repairing the irrigation sluice.	RS. ...	RS. 260	RS. 260
Vanyankulam Tank ...	Raising and repairing the bund, and repairing the irrigation sluice.	...	94	94
Peakulam Tank ...	Raising and repairing the bund, and repairing the irrigation sluice.	...	88	88

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

PORT ST. GEORGE,
18th April 1877.

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

No. 503.

ORDER THEREON, 21st April 1877, No. 1,367.

IRRIGATION, No. 48.

Account.

No. 195 W, dated 18th April 1877.

The following estimates for Irrigation works in the Tinnevelly Range, Tinnevelly District, forwarded by the Chief Engineer for Irrigation with his memorandum marginally noted are sanctioned:—

Name of Tank.	Part of Estimate.	Fund, Ordinary Agricultural, Irrigation.	Amount.	Irrigation Register No.
Sangararajapuram Tank...	Repairing bund and sluice...	Repairs ...	RS. 260	21 I
Vanyankulam Tank ...	do. ...	Do. ...	94	22 I
Peakulam Tank ...	do. ...	Do. ...	88	23 I

2. These sanctions are registered as shown above.

(True Extract.)

John ...

Lt.-Col., R.E.,

Joint Secy. to Govt., P.W.D.,

Irrigation Branch.

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

Shunker.

Revenue Department
No 2473
Govt. of 1877 Madras.
PUBLIC WORKS.

To
The DISTRICT ENGINEER,
TINNEVELLY.
&c. &c. &c.

Dated April 21st.

Issued

Recd. 12 May 1877

G. O. 21st April 1877, No. 1,867.

APRIL

Nos. 502-503.

No 2717.

Comm^d to the
Board of Revenue

14 May 77

Tanks, Tinnevely District—The estimates
amounting to Rupees 442 for repairing the
bunds and sluices of certain —, sanctioned.

9 to the R^d of Revenue 14-5-77