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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No.	330	Press.
B.P. No.		Mis.
Dated	17-1-1877	1877.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,548.

Read the following:—

No. 593. W.

Note by the Chief Engineer for Irrigation.

The following estimates from the Vudachellum range are forwarded by the District Engineer, South Arcot, with his letter marginally noted:—

Taluk.	Village.	Work.	Amount.
Vudachellum Do.	Thalanel Do.	Alagapillay's Tank Vyapoori Odyan's Tank	Rs. 1,638 773

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

I.—Financial Details.

Name of Work.	Ayant Area.	Average Revenue for 5 years.	Highest Revenue for 5 years.	During the previous 4 years.	OUTLAY.		
					Proposed Ordinary Agricultural.		
					Original Works.	Repairs.	Average annual proportion of charges to Revenue.
	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.
Alagapillay's Tank	Circular 33 Inum 32	15 89	404	Not stated.	390	640	59.9
Vyapoori Odyan's Tank	Circular 4 Inum 26	2 168	222	..	..	773	69.6
Total	Circular 37 Inum 69	17 167	626	..	390	1,413	..
Grand Total	96	184	626	..	1,803	..	57.6

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 Sec.	Tanks above.
		Catchment per Second.	Channel per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT.	C. FT.	FT.	FT.	FT.	FT.	C. FT.	No.
Alagapillay's Tank	1	450	..	NIL E 150	NIL 150	2.4 1.95	1.4 2.0	0.0 415.6	NIL NIL
Vyapoori Odyan's Tank	1	450	..	NIL	NIL	..	3.0	0.0	NIL

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

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3. The following is a summary of the work proposed to be carried out in each case:—

Alagapillay's Tank.—Raising and constructing five Irrigation sluices, and

Vyapoori Odyan's Tank.—Raising and repairing the supply sluice, and reconstructing

g the bund, removing prickly pear, and escape.

aising the bund, removing prickly pear, and an Irrigation sluice.

4. The District Engineer states that he has notified that he considers it inadvisable to put these tanks in order, and that, if there were no objection on other accounts, they may cease to be maintained as Government Irrigation Works. Of the ayacut of 96 acres under these tanks assessed at Rupees 604, 3 acres are Inam assessed at Rupees 357, or 6.05 Rupees per acre, and there does not

* The outlay already incurred amounts to Rupees 247.

average revenue and to sink a sum representing at 5 per cent, a revenue of about Rupees 90.

The loss which would result from the conversion of wet land into dry is not stated, but it would probably not be less than Rupees 5 per acre, and would therefore amount to Rupees 480 annually. On the whole it seems desirable that the renovation of these tanks should be carried out. Care should be taken when propositions to abandon Irrigation Works are made, that all the circumstances and the probable financial results of such a course are clearly shown.

5. An endeavour should be made to reduce the number of Irrigation sluices for the Alagapillay tank. Five are provided for the irrigation of 66 acres.

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.		Total for each Tank, &c.
		Original Works.	Repairs.	
Alagapillay's Tank	Repairing the bund	Rs. 115	Rs. 640	Rs. 1,050
	Constructing five Irrigation sluices			
	Constructing a masonry escape			
Vyapoori Odyan's Tank	Repairing the bund and supply sluice			Rs. 773
	Reconstructing an Irrigation sluice			
				

Fort St. George,
21st December 1876.

(Signed) A. DE C. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

*Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,548.*

No. 594. ORDER THEREON, 27th December 1876, No. 3,548.

IRRIGATION, No. 44-AA.

Account.

No. 313 W., dated 21st December 1876.

The following estimates for Irrigation Works in the Virdachellum range, Arcot District, forwarded by the Engineer for Irrigation with his sanction marginally noted, are sanctioned.

Name of Work.	Item of Estimate.	Fund.	Amount.	Irrigation Registry No.
Alagapillay's Tank	Repairing the bund	Repairs	Rs. 640	1
	Five Irrigation sluices	Original Works	115	2
	Masonry escape	Do.	275	3
Vyapoori Odyan's Tank	Repairing the bund and supply sluice	Repairs	450	1
	Reconstructing an Irrigation sluice	Do.	323	2
				

2. These sanctions are registered as shown above.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, South Arcot.
.. Collector of .. do.
.. Chief Engineer for Irrigation.
.. Examiner of Public Works Accounts.
.. Revenue Department.

Exd. E. C. Shunker.
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1877

No 549

Govt. of Madras
PUBLIC WORKS.

THE DISTRICT ENGINEER
SOUTH ARCADE
✓ 50. 50. 50.

Date: December 27th.

Issued

Recd. Jan 17th - 17th End.

G.O. 27th December 1876, No. 3548.

DECEMBER

Nos. 593-594

8 to the Board of Revenue

Alagapillay and Vignarajah's Temple,
South Arcot District. - Estimated for repairs
to —, sanctioned. No 330

Comd to the
Board of Revenue
17 Jan 1877.