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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

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2338
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*Proceedings of the Madras Government, Public Works Department,
18th September 1876. No. 2,487.*

Read the following :—

No. 185-W.

No. 283.

Note by the Chief Engineer for Irrigation.

THE following estimates from the No. 3 or Chingleput Range are forwarded by
the Superintending Engineer, Chingleput,
No. 488, dated 16th May 1876. with his letter marginally noted :—

Taluq.	Village.	Work.	Amount.
			RS.
Conjeveram	Vadal	S. No. 44 V. Large-Tank	348
Chingleput	Chennary	S. No. 242 V. Tank	370

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 Revenue for 5 Years.	Highest Revenue for 5 Years.	OUTLAY.			
					During the previous 4 Years.	PROPOSED.		
						Capital.	Revenue.	Average Annual Proportion of Charges to Revenue.
	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Vadal Large Tank	90	354	277	329	..	195	653	61.2
Chennary Tank	61	248	248	269	Nil.	..	370	29.8

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.	Channels 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.
Vadal Large Tank ..	2.5	1,036	..	E 60	60	3.5	1.5	380.1	Not stated.
				E 114	114	4.5	2.5	912	
Chennary Tank ..	1	562	..	E 25	25	3.5	1.5	76.4	Nil.
				E 123	123	4.0	2.0	562	

NOTE.—The proposed dimensions of escapes and heights of bund are entered in large type. The existing dimensions in small type. The following abbreviations are used :—K.—Kalingulah with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank. S.—Revenue Survey. V.—Village.

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

Vadal Large Tank.—Constructing a local escape, repairing the bund and Nos. 1 and 2 Irrigation sluices, planting tank grass on the bund slope and reconstructing No. 3 Irrigation sluice.

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Chennary Tank.—Repairing the bund and sluice, planting the slope with grass and forming an escape planted with grass.

A considerable portion of the work has been already executed as emergent.

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.	
		RS.	RS.	RS.
Vadal Large Tank ..	Constructing a loose stone escape ..	195	..	848
	Repairing the bund and Nos 1 and 2 Irrigation sluices ..	..	457	
	Reconstructing No. 3 Irrigation sluice ..	..	196	
Chennary Tank ..	Repairing the bund and sluice and forming an escape planted with grass ..	..	370	370

OOTACAMUND,
14th September 1876.

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

To the Secretary to Government, Public Works Department.

No. 284. ORDER THEREON, 18th September 1876, No. 2,487.

IRRIGATION, No. 29.

Account.

THE following estimates for Irrigation works in the No. 3 or Chingleput Range, Chingleput District, forwarded by the Chief Engineer for Irrigation with his memorandum marginally noted are sanctioned:—

Name of Work.	Item of Estimate.	Fund, Ordinary Agricultural.	Amount.	Irrigation Registry No.
			RS.	
Vadal Large Tank ..	1. Loose stone escape ..	Original Works ..	195	1
	2. Repairing the bund and irrigation sluices ..	Repairs ..	457	2
	3. Reconstructing an Irrigation sluice ..	Do ..	196	3
Chennary Tank ..	Repairing the bund and sluice and forming an escape ..	Do ..	370	150-I.

2. These sanctions are registered as shown above.

(True Extract.)

W. H. H. H.
Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Chingleput.

„ Collector of do.

„ Chief Engineer for Irrigation.

„ Examiner of Public Works Accounts.

„ Revenue Department. ✓

Exd. S. T. Austin.

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PUBLIC WORKS.

To

✓
THE DISTRICT ENGINEER,
CHINGLEPUT,
&c. &c. &c.

Dated September 18th.

Issued

Recd.

Oct 9th

Encl.

G. O., 18th September 1876, No. 2487.

SEPTEMBER

Nos. 283-284

Yadad large and Chennary Tanks, Chingle-
put District. The estimates for certain
works to the — sanctioned &c.

Communicated to the Dyh

11 To the District Engineer, Chingleput.
12 To the District Engineer, Chingleput.