

- (1) Number of pages 4.
(2) Date of repair 19-11-69
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue : DEPARTMENT

G.O. No.
B.P. No.

1132

Press
Mis.

Dated

12 - 5 - 1876

196

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
26th April 1876.

Read the following :—

No. 40 V.

No. 379.

Note by the Chief Engineer for Irrigation.

The following estimates from the Chittoor and Poloor Ranges are forwarded by the District Engineer, North Arcot, with his letter marginally noted :—

Taluk.	Village.	Work.	Amount.	Estimate No. 1875-76.
			RS.	
Palmanair ...	...	Maniyunthrum large Tank...	2,410	41 and 42
Do. ...	...	Yellanagarum Tank ...	2,010	43 and 44
Wandewash ...	...	Susamungalum Tank ...	5,170	18
Chittoor ...	...	Veeraragavareddy Tank ...	1,700	56 and 57

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.	5 years.	Highest Revenue for 5 years.	OUTLAY.		
					During the previous 4 years.	PROPOSED.	
						Capital.	Total.
	ACRES.	RS.		RS.	RS.	RS.	RS.
Maniyunthrum large Tank ...	100	550	97	...	...	425	1,985
Yellanagarum Tank ...	103	404	99	...	...	...	2,010
Susamungalum Tank ...	1,325	7,642	77	...	1,900	1,500	3,400
Veeraragavareddy Tank ...	34	307	232	...	...	680	1,020

II.—Hydraulic Details.

Name of Work.	Catchment Basin, Area.	MAXIMUM SUPPLY.		LET OF F.F.	AVERAGE HEIGHT OF BUND.		Surplus discharged at M.T.L. per Sec.	Tanks above.
		per Catchment Second.	per Channel Second.		Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT.	C. FT.	Effective.	FT.	FT.	C. FT.	No.
Maniyunthrum large Tank ...	4	1,417	...	E 1	2.70	0.70	190.0	Not stated.
Yellanagarum Tank ...	3.5	1,296	...	E 14	4.50	2.50	918.6	Do.
Susamungalum Tank ...	21	4,281	...	W 2	4.62	1.63	1,591.4	16
Veeraragavareddy Tank ...	3.5	828	...	N	2.13	0.13	855.2	Not stated.

NOTE.—The proposed dimensions of escape sions in small type. The following abbrevia-
tion is used: E.—Escape at ground level; W.—Weir with flush stones; N.—Not stated.

Proceedings of the Madras Government, Public Works Department,
26th April 1876.

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

Maniyunthrum large Tank.—Raising and repairing the bund, and repairing the escape, constructing a new masonry escape, and reconstructing two irrigation sluices.

Yellanagarum Tank.—Raising and repairing the bund, repairing the escape, and reconstructing an irrigation sluice.

Susamungalum Tank.—Raising and repairing the bund, constructing a masonry weir, improving the north-west weir, locking up the old calingulah with masonry, and raising the wing walls of the same, constructing a head and rear cistern to the irrigation sluice, and constructing a sluice at the head of the Theroomany supply channel.

Veeraragavareddy Tank.—Raising and repairing the bund, constructing a masonry weir, extending the revetment of the bund, and reconstructing the irrigation sluice.

4. The escape of the Yellanagarum tank should be extended 50 feet, and an addition of Rupees 100 may be made to the estimate for the purpose.

There are two high level sluices in the Veeraragavareddy tank bund which are reported to be leaky, and the sluice which is to be reconstructed is intended to be a substitute for them. Apparently the old sluices should either be rooted out or blocked up so as to prevent waste of water.

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.	Name of Work	FUND.			Total for each Tank, &c.
		Capital Ordinary.	REVENUE. Extensions and Improvements.	Repairs.	
Maniyunthrum large Tank.	<i>Chittoor Range.</i> Raising and repairing the bund and also repairing escape.	rs.	rs.	rs.	rs.
	Constructing a new masonry escape.	425	...	1,275	2,410
	Reconstructing two irrigation sluices.	...	710	...	
	...	...	...	...	...
Yellanagarum Tank.	Raising and repairing the bund and also repairing escape.	...	...	1,480	2,010
	Reconstructing the irrigation sluice.	...	530	...	
	...	...	...	...	...
	...	...	...	...	...
Susamungalum Tank.	<i>Poloor Range.</i> Raising and repairing the bund.	...	...	2,900	5,170
	Constructing a masonry weir.	1,500	...	...	
	Improving N. W. weir.	...	115	...	
	Blocking up old calingulah masonry, and raising wing walls of same.	...	270	...	...
	Constructing a head and rear cistern to the irrigation sluice.	...	105	...	
	Constructing a sluice at the head of the Theroomany supply channel.	...	280	...	
Veeraragavareddy Tank.	<i>Chittoor Range.</i> Raising and repairing the bund.	...	...	360	1,700
	Constructing a masonry weir.	630	...	...	
	Extending the revetment of bund.	50	...	...	
	Reconstructing the irrigation sluice.	...	600	...	

20th April 1876.

A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

Proceedings of the Madras Government, Public Works Department,
26th April 1876.

No. 380.

ORDER THEREON, 26th April 1876, No. 1,048.

IRRIGATION, No. 28.

Account.

No. 40 W., dated 20th April 1876.

The following estimates for Irrigation Works in the Chittoor and Poloor Ranges, North Arcot District, forwarded by the Chief Engineer for Irrigation with his memorandums marginally noted, are sanctioned :—

Name of Work.	Item of Estimate.	Fund.	Amount.	Irrigation Registry No.
Maniyunthrum large Tank.	<i>Chittoor Range.</i> Raising and repairing the bund and also repairing escape.	Revenue Repairs ...	1,275	16 I.
	Constructing a new masonry escape.	Capital Ordinary ...	425	
	Reconstructing two irrigation sluices.	Revenue—Extensions and Improvements.	710	17 I.
	...	Revenue Repairs ...	1,480	
Yellanagarum Tank.	Raising and repairing the bund and also repairing escape.	Revenue—Extensions and Improvements.	530	18 I.
	...	Revenue Repairs ...	2,900	
	Constructing a masonry weir.	Capital Ordinary ...	1,500	19 I.
	Improving the north-west weir.	Revenue—Extensions and Improvements.	115	
Susamungalum Tank.	<i>Poloor Range.</i> Blocking up old calingulah with masonry, and raising wing walls of same.	Do. do. do.	270	...
	Constructing a head and rear cistern to the irrigation sluice.	Do. do. do.	105	
	Constructing a sluice at the head of the Theroomany supply channel.	Do. do. do.	280	...
	...	Revenue Repairs ...	360	
Veeraragavareddy Tank.	<i>Chittoor Range.</i> Raising and repairing the bund.	Capital Ordinary ...	630	...
	Constructing a masonry weir.	Do. do. do.	50	
	Extending the revetment of the bund.	Revenue—Extensions and Improvements.	600	...
	Reconstructing the irrigation sluice.	...	...	

2. These sanctions are registered as shown above.

(True Ex. t.)

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

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

Exd. E. C. Shunker.

Spare Copies

1922
Revenue 1876 Department
Govt. of 1876 Madras
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
NORTH ARCOT.
&c. &c. &c.

Dated April 26th.

Issued

Recd. *Mr. May*

Encl.

G. O., 26th April 1876, No. 1,048.

APRIL.
Nos. 379-380

Dis. No.

Irrigation Works.—Estimates for certain
in the Chittoor and Palloor Taluques, North
District, sanctioned.

1922
Consent given to the
1st of April

10 To the District Engineer, North Arcot.