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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.

1376

(9)

Press

B.P. No.

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Dated

2 - 6 -

1876

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
2nd June 1876.

Read the following :—

No. 55 W.

Note by the Chief Engineer for Irrigation.

The following estimates from the Chingleput range are forwarded by the Superintending Engineer, Chingleput, with his letter marginally noted :—

Kursungal Group.

Taluq.	Village.	Work.	Amount.
Madranticum ...	Moonaccolum.	S. No. 129 V. Tank	RS. 815
Do. ...	Moorongay ...	Do. 130 "	832
Do. ...	Alloor ...	Do. 131 "	500
Do. ...	Kursungal ...	Do. 132 "	1,605
Conjeveram ...	Karanai ...	Do. 233 "	710

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 proportional portion of Charges to Revenue.
Moonaccolum Tank	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.	PER CENT.
Moorongay "	50	255	254	278	219	...	815	81.4
Alloor "	48	279	371	481	398	...	832	66.8
Kursungal "	45	145	134	137	...	...	500	74.6
Karanai "	103	425	407	425	...	...	1,605	78.8
	60	192	153	190	...	...	710	92.6

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.	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.
Moonaccolum Tank ...	1.5	737	...	E 72	72	1.62	0.13	296.2	...
Moorongay Tank ...	2.5	1,036	...	E 252	252	3.00	1.50	777.6	...
Alloor Tank ...	75	464	...	E 30	30	1.50	0.00	123.4	1
Kursungal Tank ...	4.5	1,533	...	E 346	346	3.00	1.50	1,067.7	...
Karanai Tank ...	1.0	562	...	E 180	180	3.00	1.50	555.5	...
				E 750	750	2.50	0.50	4751.5	3
				E 510	510	4.00	2.00	2,423.2	...
				E 42	42	1.00	0.00	172.8	...
				E 182	182	3.00	1.50	561.6	...

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.—Calingulah with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank. S.—Revenue Survey. V.—Village.

Proceedings of the Madras Government, Public Works Department,
2nd June 1876.

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

Moonaccolum Tank.—Raising and repairing the bund, repairing the sluice, and forming an escape planted with grass.

Moorongay Tank.—Raising and repairing the bund, repairing two sluices, and forming an escape planted with grass.

Alloor Tank.—Repairing the bund and sluice, and forming an escape planted with grass.

Kursungal Tank.—Raising and repairing the bund, repairing the sluice, and forming an escape planted with grass.

Karanai Tank.—Raising and repairing the bund, forming an escape planted with grass, and constructing an irrigation sluice.

4. These estimates which are for tanks forming one group are recommended for sanction.

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

Names of Tanks.	Items of Estimate.	FUND.			Total for each Tank, &c.
		Capital, Ordinary.	REVENUE. Extensions and Improvements.	Repairs.	
Moonaccolum Tank ...	Raising and repairing the bund and repairing the sluice ...	...	...	783	815
	Forming an escape planted with grass ...	...	32	...	
Moorongay Tank ...	Raising and repairing the bund, and also repairing two sluices ...	...	...	780	833
	Forming an escape planted with tank grass ...	...	52	...	
Alloor Tank ...	Repairing the bund and sluice ...	...	...	476	500
	Forming an escape planted with grass ...	...	24	...	
Kursungal Tank ...	Raising and repairing the bund, and also repairing the sluice ...	...	...	1,510	1,605
	Forming an escape planted with grass ...	...	95	...	
Karanai Tank ...	Raising and repairing the bund ...	...	...	375	710
	Forming an escape planted with grass ...	...	25	...	
	Constructing an irrigation sluice to replace an old one ...	...	310	...	

20th May 1876.

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

No. 42.

ORDER THEREON, 2nd June 1876, No. 1,376.

IRRIGATION, No. 5.

Account.

No. 55 W., dated 20th May 1876.

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

Proceedings of the Madras Government, Public Works Department,
2nd June 1876.

Irrigation.

Name of Work.	Item of Estimate.	Fund.	Amount.	Irrigation Registry No.
Moonaccolum Tank ...	Raising and repairing the bund and repairing the sluice.	Revenue—I.B., Maintenance and Repairs.	783	39 I
Do.	Forming an escape planted with grass ...	Revenue—I.A., Extensions and Improvements.	32	39 I
Moorongay Tank ...	Raising and repairing the bund, and repairing two sluices.	Revenue—I.B., Maintenance and Repairs.	780	40 I
Do.	Forming an escape planted with grass...	Revenue—I.A., Extensions and Improvements.	52	40 I
Alloor Tank ...	Repairing the bund and sluice ...	Revenue—I.B., Maintenance and Repairs.	476	41 I
Do.	Forming an escape planted with grass...	Revenue—I.A., Extensions and Improvements.	24	41 I
Kursungal Tank ...	Raising and repairing the bund and repairing the sluices.	Revenue—I.B., Maintenance and Repairs.	1,510	42 I
Do.	Forming an escape planted with grass...	Revenue—I.A., Extensions and Improvements.	95	42 I
Karanai Tank ...	Raising and repairing the bund ...	Revenue—I.B., Maintenance and Repairs.	375	43 I
Do.	Forming an escape planted with grass...	Revenue—I.A., Extensions and Improvements.	25	43 I
Do.	Constructing an irrigation sluice to replace an old one.	Revenue—I.A., Extensions and Improvements.	310	43 I

2. These sanctions are registered as shown above.

(True Extract.)

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. E. C. Shunker.
Spare Copies

Ootacamund, 20th May 1876.

No. 55 W.

Note by the Chief Engineer for Irrigation.

No. 46

Dated 5th April 1876.

Enclosure 23.

The following Estimates from the *Chingleput* Range are forwarded by the *Superintending Engineer Chingleput* with his letter marginally noted:—

Taluq.	Village.	Work.	Amount.
			Rs.
<i>Madhantiam</i>	<i>Monaccolam</i>	<i>S.N. 129 V. Tank</i>	<i>815</i>
<i>do</i>	<i>Mooringay</i>	<i>S.N. 130 V. Tank</i>	<i>832</i>
<i>do</i>	<i>Alloor</i>	<i>S.N. 131 V. Tank</i>	<i>500</i>
<i>do</i>	<i>Kurungul</i>	<i>S.N. 132 V. Tank</i>	<i>1605</i>
<i>Conjeevaram</i>	<i>Karanai</i>	<i>S.N. 233 V. Tank</i>	<i>710</i>

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.	During the previous 4 years.	OUTLAY.		
						Proposed:		
						Capital.	Revenue.	Average annual proportion of Charges to Revenue.
	Acres	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Monaccolam Tank</i>	50	255	254	278	219		815	21.4
<i>Mooringay Tank</i>	48	279	371	481	398		832	66.3
<i>Alloor Tank</i>	45	145	134	137	nil		500	74.6
<i>Kurungul Tank</i>	103	425	407	425	nil		1605	78.8
<i>Karanai Tank</i>	60	192	153	190	nil		710	92.6

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.	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.	
Mooreacolum Tank	1.5	737	-	572	72	1.62	0.12	296.2	nil
Mooringay Tank	2.5	1036	-	530	30	1.50	0.00	123.4	1
Alloor Tank	0.75	464	-	nil	nil	3.00	1.50	0.0	nil
Kurunggal Tank	4.5	1533	-	5750	750	2.50	0.50	479.5	3
Karanai Tank	1.0	562	-	542	42	1.00	0.00	172.8	nil

NOTE.—The proposed dimensions of escapes and heights of bund are entered in red. The existing dimensions in black. 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—

Mooreacolum Tank—Raising and repairing the bund, repairing the sluice and forming an escape planted with grass.

Mooringay Tank—Raising and repairing the bund, repairing two sluices, and forming an escape planted with grass.

Alloor Tank—Repairing the bund and sluice and forming an escape planted with grass.

Kurunggal Tank—Raising and repairing the bund, repairing the sluice, and forming an escape planted with grass.

Karanai

Karanai Tank—Raising and repairing the bund, forming an escape planted with grass and constructing an irrigation sluice.

4. These estimates which are for tanks forming one group are recommended for sanction.

5. 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			Total for each tank.
		Capital Ordinary	Revenue		
			Revenues and Improvements	Repairs	
Molomaccolam Tank	Raising and repairing the bund and repairing the sluice	"	"	780	815
	Forming an escape planted with grass	"	32	"	
Moorongay Tank	Raising and repairing the bund and also repairing two sluices	"	"	780	832
	Forming an escape planted with tank grass	"	52	"	
Alloor Tank	Repairing the bund and sluice	"	"	476	500
	Forming an escape planted with grass	"	24	"	
Kurunggal Tank	Raising and repairing the bund and also repairing the sluice	"	"	1570	1608
	Forming an escape planted with grass	"	95	"	
Karanai Tank	Raising and repairing the bund	"	"	375	710
	Forming an escape planted with grass	"	25	"	
	Constructing an irrigation sluice to replace an old one	"	310	"	

And Sd/-

Major R. E.
Deputy Chief Engr. for Irrigation
for Chief Engr. for Irrigation

No. 1376
dated 2nd June 1876The following Estimates for Irrigation
works in the Chinglput Range,Chinglput District, forwarded by the
Chief Engineer for Irrigation with his Memo.

No. 55 W

dated

20th May 1876.

marginally noted are sanctioned:—

Irrigation

Name of Work.	Item of Estimate.	Fund.	Amount	Irrigation Registry No.
Morraccolam Sank	Raising and repairing the bund and repairing the sluice	Revenue - I.B. Maintenance & Repairs	783	392 1
	Forming an escape planted with grass	Revenue - I.B. Maintenance & Repairs	32	392 2
Morrungay Sank	Raising and repairing the bund and repairing the sluices	Revenue - I.B. Maintenance & Repairs	780	402 1
	Forming an escape planted with grass	Revenue - I.B. Maintenance & Repairs	52	402 2
Mlloo Sank	Repairing the bund and sluice	Revenue - I.B. Maintenance & Repairs	476	412 1
	Forming an escape planted with grass	Revenue - I.B. Maintenance & Repairs	24	412 2
Kinnungal Sank	Raising and repairing the bund and repairing the sluices	Revenue - I.B. Maintenance & Repairs	1510	422 1
	Forming an escape planted with grass	Revenue - I.B. Maintenance & Repairs	95	422 2
Karanai Sank	Raising and repairing the bund	Revenue - I.B. Maintenance & Repairs	375	432 1
	Forming an escape planted with grass	Revenue - I.B. Maintenance & Repairs	25	432 2
	Constructing an irrigation sluice to replace an old one	Revenue - I.B. Maintenance & Repairs	310	432 3

J. E. Chinglput
Collector
C. & J. W. 24
P. W. 24
These sanctions are registered as shown above
Despd 15/6/76

These sanctions are registered as shown above

W. 24/5
G. W.

No. 41

For printer - No. 41 in this work
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FORMER CASES.

No. of 187 .
" "

I. E. Form No. 31.

P. K. 1876. *Left*
From The Chief Engineer for Irrigation. *8-4002*

RECEIPT No. *55W*

Dated *20 May 1876.*
Received by *James*

ISSUE No. *55W*

Dated *20 May 1876.*

LATER CASES.

No. of 187 .
" "

Subject:—

*Submits for sanction
estimates for repairing
certain tanks in the
Chingleput Range.
Chingleput District*

Sent to Government with No.

18

W. of

Printed with G. O. No.

dated

ENCLOSURES. *24*

REMINDERS ISSUED.

No. 1, dated	187 .
" 2, "	"
" 3, "	"
" 4, "	"
" 5, "	"

21/2
KEEP-WITES.

Cu 27/5. Ptd 2/5/76
P.L. 58. May.

400 2/1

Govt. of (1876) ~~1876~~

PUBLIC WORKS.

The N. E. Chingleput

G. O. 2 Since 1876 to 1376

No. 41/2

Tanks - Chingleput

Dist. - Estimates

for repairing certain

Tanks — sometimes

*But in Reg
17-8-76*