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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2724	Press
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Dated	11-10	6876 —195—

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12

Proceedings of the Madras Government, Public Works Department,
11th October 1876. No. 2,724.

Read the following :—

No. 207-W.

No. 151. *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. 1,101, dated 24th June 1876. with his letter marginally noted :—

Talug	Village.	Work.	Amount.
			RS.
Conjeeveram	Keelambi	S. No. 21 V. North Tank	1,080
Do.	Do.	S. No. 21 V. Melary Tank	1,210
Do.	Ambi Puttery	S. No. 26 V. Tank	415

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 ORDINARY AGRICULTURAL.		
						Original Works.	Repairs.	Average Annual Proportion of Charges to Revenue.
	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.	RS. PER CENT.
Keelambi North Tank	191	818	556	740	75	..	1,080	41.5
Do. Melary Tank	283	1,583	1,015	1,091	1,023	390	820	44.0
Ambi Puttery Tank	114	625	593	725	1,523	..	415	65.3
Total ..	588	3,026	2,164	2,556	2,621	390	2,315	49.2

II.—Hydraulic Details.

Name of Work.	Catchment Basin Area.			LENGTH OF ESCAPE.		AVERAGE HEIGHT OF BUND.		Surplus discharged at M.T.L. per Sec.	Tanks above.
	Catchment per Second.	Channels per Sec. cond.		Total.	Effective.	Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT.	C. FT.	FT.	FT.	FT.	FT.	C. FT.	NO.
Keelambi North Tank.	2	893	..	E 60	60	2.5	0.5	470.3	1
				E 60	188	4.0	2.0	1,000	
				E 128					
Do. Melary Tank.	3	1,170	..	E 100	100	3.5	1.5	783.8	NIL.
				E 185	150	5.0	3.0	1,450.1	
Ambi Puttery Tank ..	4.5	1,533	..	K 88.5	68	5.5	2.5	1,124.7	1
				W 88.5	88.5	5.5	2.5	1,545.0	

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.

Proceedings of the Madras Government, Public Works Department,
11th October 1876. No. 2,721.

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

Keelambi North Tank.—Raising and repairing the bund, planting kuskus, turfing, repairing three irrigation sluices, and forming an escape planted with grass.

Keelambi Melary Tank.—Raising and repairing the bund, planting kuskus, turfing, and constructing a rough stone (laterite) escape.

Ambi Puttery Tank.—Repairing and raising a portion of the bund, planting kuskus, turfing, repacking revetment, and removing the dam stones of the calingulah.

The wings of the rough-stone escape provided for the Keelambi Melary Tank should not be recurved in the manner shown in the plan, but should be traced as shown in pencil thereon. The length of escape need not exceed 150 feet.

The surplus from the tank crosses the Ambekasami and Lalakal channels. It would have been as well to have given some details of the arrangements at the points referred to for receiving and disposing of this cross drainage. The position of the breach* by which surplus has hitherto been discharged is not indicated on longitudinal section.

* So called in Report, paragraph 2.

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.		Total for each Tank, &c.
		Original Works.	Repairs.	
Keelambi North Tank ..	Repairing the bund and three irrigation sluices.	RS.	RS.	RS.
Do. Melary Tank ..	Grass planted escape ..	..	1,080	1,080
Ambi Puttery Tank ..	Repairing the bund ..	..	820	1,210
	Rough-stone escape ..	390	415	415
	Repairing the bund and removing the dam stones of the calingulahs.	..	..	..

OOTACAMUND,
6th October 1876.

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

To the Secretary to Government, Public Works Department.

No. 152.

ORDER THEREON, 11th October 1876, No. 2,721.

IRRIGATION, No. 19.
Account.

No. 207 W., dated 6th October 1876.

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:—

Proceedings of the Madras Government, Public Works Department,
11th October 1876. No. 2,721.

Name of Work.	Item of Estimate.	Fund, Ordinary Agricultural.	Amount.	Irrigation Registry No.
Keelambi North Tank ..	Repairing the bund and three irrigation sluices.	Repairs ..	RS. 1,080	164-I.
Do. Melary Tank ..	Grass planted escape ..	Do. ..	820	1 } 165-I.
Ambi Puttery Tank ..	1. Repairing the bund ..	Original Works ..	390	2 } 166-I.
	2. Rough-stone escape ..	Repairs ..	415	
	Repairing the bund and removing the dam stones of the calingulahs.			

2. These sanctions are registered as shown above.
(True Extract.)

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

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

Exd. A. Grubert.
Spare Copies

No. 207-W. *Ishtaramudb Dcto*

Note by the Chief Engineer for Irrigation.

No. 1101

Dated 24 June 1876.

Encs. 17

The following Estimates from the *N. 30r Chingleput* Range are forwarded by the *Superintending* Engineer *Chingleput* with his letter marginally noted:—

Taluq.	Village.	Work.	Rs.	Amount.
		<i>Conjaveram Keelambi S. N. 21 V. North Tank.</i>		<i>1080</i>
		<i>— do — do — S. N. 21 V. Melary Tank.</i>		<i>1210.</i>
		<i>— do — Ambli Puttery S. N. 26 V. Tank</i>		<i>415</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.		
						Original Works.	Proposed.	
							Repaired.	Average annual proportion of Charges to Revenue
	Acres	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	per cent.
<i>Keelambi North Tank</i>	<i>191</i>	<i>815</i>	<i>556</i>	<i>740</i>	<i>75</i>	<i>"</i>	<i>1080</i>	<i>41.5</i>
<i>Keelambi Melary Tank</i>	<i>283</i>	<i>1583</i>	<i>1015</i>	<i>1091</i>	<i>1023</i>	<i>390</i>	<i>820</i>	<i>44.0</i>
<i>Ambli Puttery Tank</i>	<i>114</i>	<i>625</i>	<i>593</i>	<i>725</i>	<i>1523</i>	<i>"</i>	<i>415</i>	<i>65.3</i>
<i>Total</i>	<i>588</i>	<i>3026</i>	<i>2164</i>	<i>2556</i>	<i>2621</i>	<i>390</i>	<i>2315</i>	<i>49.2</i>

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.		
Keelambi North Tank	2	893	"	E 60 E 60 E 243	60 60 148	2.5 2.5 4.0	0.5 0.5 2.0	40.3 40.3 1030	1
Keelambi Melary Tank	3	1170	"	E 160 E 185	160 150	3.5 5.0	1.5 3.0	783.6 1450.1	2 1/2
Ambi Puttery Tank	4.5	1533	"	K 88.5 W 88.5	68 58.5	5.5 5.5	2.5 2.5	11247 525.1	1

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.

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

Keelambi North Tank. Raising and repairing the bund, planting Kuskus, turfing, repairing three irrigation sluices and forming an escape planted with grass.

Keelambi

Keelambi Melary Tank. Raising and repairing the bund, planting Kuskus, turfing, and constructing a rough stone (laterite) escape.

Ambi Puttery Tank. Repairing and raising a portion of the bund, planting Kuskus, turfing, repacking neighbourhood, and removing the dam stones of the Kalingulah.

The wings of the rough stone escape provided for the Keelambi Melary Tank should not be recurved in the manner shown in the plan but should be traced as shown in pencil thereon.

thereon. The length of escape need not exceed 150 feet.

The surplus from the tank crosses the Ambakasami and Lalakal channels. It would have been as well to have given some details of the arrangements at the points referred to for receiving and disposing of this cross drainage. The position of the breach by which surplus has hitherto been discharged is not indicated on longitudinal section.

The estimates are recommended for sanction.

C. L. Form No 1

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. Primary Agriculture		Total for each Tank, &c.
		Original Works	Repairs	
Kelambi North Tank.	Repairing the bund & three irrigation sluices - Grass planted escape	"	1080	1080
Kelambi Melary Tank.	Repairing the bund - rough stone escape -	390	820	1210
Ambi Puttery Tank	Repairing the bund & removing the dam stones at the Kalimgulaha	"	415	415

Ans. Scott

Major D.L.

By Chief Engr. for Durg.
for Chief Engr. for Durg.

To
The Secretary to Govt P.W.D.

Note for printer - All entries in this book are to be printed in Clearcut type - and note in para 2 altered to suit.

P.W.D.

NO 7376

From
The Chief Engineer for Irrig.
To
The Secretary to Govt.
P. W. D.

Dated 2nd Oct. 76

Encls. 17

No. 207-W.

Joint Estimate - Chingleput
District - Note recommend-
ing for sanction, certain

E. I. Form No. 3.

No. 2724 dt 11th Oct. 1876. P.W.D.
Proceeding of the Madras Govt. 4

No. 207-W
dated 6th Oct. 1876.

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

Name of Work.	Item of Estimate.	Fund. Ordinary Regt. - Cultural.	Amount	Irrigation Registry No.
Uelambi North Tank	Repairing the bund & three irrigation sluices Grades planted escape -	Repairs	1080	164 I
Uelambi North Tank	Repairing the bund - Long stone escape	Repairs Original works	420 590	165 I
Ambr. Putters Tank	Repairing the bund & removing the dam stones of the Kalmigulak	Repairs	415	166 I

2. These sanctions
are registered as
shown above.

Aug 1

D. C. Chingleput
Collector I do
C. E. for I. with 17 Encls
R. S. P. W. D.
Recd. 28. 10. 76

Sept 28. 18. 76

7375

Govt. of 1876 Madras.
PUBLIC WORKS.

To Messrs D. & K. Changlepat

Detd.

Instd.

Recd.

Encl.

G.O. 11th Feb 1876 No 2724

Nos. 151 - 157

Archs - Chingleput

Estimates for
improvements year to
enclure

1. Est. for 1876
20-10-1876
By Mr. [Signature]