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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	968	Press.
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2004

MADRAS IRRIGATION AND CANAL COMPANY.

- BUDGET ESTIMATE FOR 1879-80.

STATEMENT I.

Abstract Statement of Outlay and Receipts for 1879-80.

OUTLAY.					RECEIPTS.				
Detail Statement No.	Heads and Sub-heads of Accounts.	Budget Estimate, 1879-80.	Regular Estimate, 1878-79.	Outlay, 1877-78.	Detail Statement No.	Head of Account.	Budget Estimate, 1879-80.	Regular Estimate, 1878-79.	Actual Receipts, 1877-78.
		RS.	RS.	RS.			RS.	RS.	RS.
VI.	<i>State Outlay.</i>								
VII.	Controlling Establishment	4,876	5,743	3,525					
	Purchase of land	2,500	3,000	30					
	Total ...	7,376	8,743	3,555					
	Add—								
	Repayment to the Madras Irrigation and Canal Company for surveys of abandoned projects.	...	15,000	5,85,000					
	Total ...	7,376	23,743	5,88,555					
	<i>Capital Outlay.</i>								
X.	Establishment, share of	73,859	1,02,308	85					
XI.	Construction	24,000	76,000	— 35,206					
XI.-A.	Navigation	1,97,579	2,31,105	60					
	Total, Capital Outlay ...	2,95,438	4,09,473	— 35,061					
	Less Receipts ...	...	15,000	5,85,000					
	Net Charges ...	2,95,438	3,94,473	— 6,20,061					

Abstract Statement of Outlay and Receipts for 1879-80—continued.

Particulars	Receipts				Outlay			
	Detail Statement No.	Head of Account.	Budget Estimate, 1878-80.	Regular Estimate, 1878-79.	Outlay, 1877-78.	Detail Statement No.	Head of Account.	Budget Estimate, 1878-80.
N.H. Revenue of General Manager Office Staff Revenue	IV.	Revenue Account.						
		Irrigation ...	...	...	55,730			37,382
		Special water-rate ...	...	...	73,733			45,130
		Proceeds of land ...	...	...	24,805			80,450
		Miscellaneous ...	...	...				
		Total, Revenue Account ...	1,40,000	2,43,686	1,54,351			1,63,273
		Grand Total ...	1,40,000	2,43,686	1,52,815			4,00,057

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STATEMENT II.

Forecast of Revenue Advance Account on the 31st March 1880.

Advance to Company.	Amount.	Receipts into Treasury.	Amount.
Advances to the Madras Irrigation and Canal Company on Revenue Account from 1st July 1863 to 31st March 1878.	RS. 10,23,891	Actual collection on account of land irrigated and water-supply to Karnool and miscellaneous revenue receipts on account of canal from 1st July 1863 to 31st March 1878.	RS. 4,43,079
Regular estimate of advances on account of earnings for 1878-79.	80,000	Regular estimate of collections as above for 1878-79.	2,43,686
Budget estimate of advances on account of earnings during 1879-80.	1,25,000	Budget estimate of collections as above for 1879-80.	1,40,000
		Balance ...	8,26,765
Total ...	12,28,891	Total ...	4,02,126
			12,28,891

STATEMENT III.

Statement of Earnings and Expenses of the Company to 31st December 1877.

Half-year ending	Earnings.		Expenses.		Profit.		Loss.	
	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.
31st December 1863 ...	...	...	1,68	3 11	...	...	1,163	3 11
30th June 1864 ...	73	6 3	1,91	11 2	...	...	1,218	4 11
31st December 1864 ...	...	...	1,48	8 6	...	...	1,248	8 6
30th June 1865 ...	851	15 9	1,28	7 1	...	...	376	7 4
31st December 1865 ...	...	...	1,66	15 5	...	...	1,266	15 5
30th June 1866 ...	3,999	10 9	1,86	5 9	2,913	5 0	...	...
31st December 1866 ...	57	0 0	42	7 3	...	...	785	7 3
30th June 1867 ...	11,091	8 11	1,93	6 2	9,098	2 9	...	...
31st December 1867 ...	...	...	92	10 7	...	...	992	10 7
30th June 1868 ...	11,453	11 9	1,28	12 10	10,424	14 11	...	...
31st December 1868 ...	68	8 0	75	13 1	...	...	907	5 1
30th June 1869 ...	12,277	7 9	4,91	9 0	7,685	14 9	...	...
31st December 1869 ...	7	0 0	2,40	9 2	...	...	2,133	9 2
30th June 1870 ...	11,597	1 1	12,93	9 6	...	...	1,296	8 5
31st December 1870 ...	13,863	3 6	11,77	8 2	2,185	11 4	...	...
30th June 1871 ...	260	4 10	9,94	0 7	...	...	8,833	11 9
31st December 1871 ...	293	6 0	31,52	10 10	...	...	31,659	4 10
30th June 1872 ...	34,508	15 0	44,76	1 2	...	...	9,707	2 2
31st December 1872 ...	518	7 4	44,98	14 11	...	...	44,480	7 7
30th June 1873 ...	60,634	7 0	74,79	11 6	...	...	13,645	4 6
31st December 1873 ...	624	12 9	67,60	6 10	...	...	66,945	10 1
30th June 1874 ...	74,346	7 5	1,01,91	6 7	...	...	27,644	15 2
31st December 1874 ...	1,287	3 7	80,66	2 11	...	...	79,178	15 4
30th June 1875 ...	55,859	5 7	1,10,85	2 1	...	...	54,955	12 6
31st December 1875 ...	1,057	2 10	84,73	0 9	...	...	83,675	13 11
30th June 1876 ...	60,485	6 2	69,77	13 11	...	...	8,792	7 9
31st December 1876 ...	1,49,989	10 9	85,75	3 3	64,214	7 6	...	...
30th June 1877 ...	1,08,246	8 1	77,78	1 4	30,668	6 9	...	...
31st December 1877 ...	85,197	0 2	88,63	12 4	...	...	2,836	12 2
Total ...	6,98,649	11 3	10,15,99	2 7	1,27,190	15 0	4,43,750	6 4
Net Loss ...	...	...	...	...	...	...	3,16,559	7 4

N.B.—The Revenue proportion of Home Establishment expenditure has not yet been dealt with in the Revenue Accounts of the Company.

* Includes Rupees 5,744-4-6, the amount of Supplement E Return printed in P.M.G., No. 819 I, of 14th October 1878.

† Includes Rupees 6,095-11-2, the amount of Supplement E Return printed in P.M.G., No. 892 I, of 6th November 1878.

STATEMENT IV.

Regular Estimate of Collections on account of Revenue for 1878-79 and Budget Estimate of Collections for 1879-80.

Collections for 1879-80.									
Districts.		Regular Estimate for 1878-79.						Probable Collections during 1878-80.	
		Amount collected from 1st April to 31st August 1879.		Probable Collections from 1st September 1878 to 31st March 1879.		Total of Collections 1878-79.			
1		2		3		4		5	
Kurnool	...	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
Cuddapah	...	76,228	12 2	1,00,000	0 0	1,76,228	12 2	95,000	0 0
	...	27,457	5 11	40,000	0 0	67,457	5 11	45,000	0 0
Total ...		1,03,686	2 1	1,40,000	0 0	2,43,686	2 1	1,40,000	0 0

STATEMENT V.

Abstract Estimate Comparative of Outlay on Revenue Account with Revenue earned by Company for 1878-79 and 1879-80.

	Gross Earnings.		Working Expenses.		Balance.		Percentage of Working Expenses on Revenue.	
	1878-79.		1878-79.		1878-79.		1878-79.	
	1878-80. Budget Estimate.	1878-80. Regular Estimate.	1878-80. Budget Estimate.	1878-80. Regular Estimate.	1878-80. Budget Estimate.	1878-80. Regular Estimate.	1878-80. Budget Estimate.	1878-80. Regular Estimate.
Main Canal from Sionkavala to the Ponnar.	Rs. 1,25,000	Rs. 1,80,000	Rs. 80,000	Rs. 1,03,273	Rs. 45,000	Rs. 76,727	Rs. 64%	Rs. 58%

STATEMENT VI.

Estimate of State Outlay.

Detail of Controlling Establishment.

Number.	Particulars.	ESTIMATE OF 1878-79.			Budget Estimate of 1878-79. Charge per Annum.	Regular Estimate of 1878-79.
		Salary of Officer.	Per Month.	Per Annum.		
1	Deputation allowance to Hon. Clerk, Office of Chief Engineer for Irrigation.	Rs. 20	Rs. 20	Rs. 600		
1	Hon. Clerk	50	50	600		
1	Accountant	42	42	504		
1	Record-keeper	40	40	480		
1	Draughtsman and Estimator	10	10	120		
1	Do.	5	5	60		
1	Accountant	7	7	84		
1	Peon	7	7	84		
	Travelling allowances and bills for Office Establishment.			3,513	3,513	3,513
	Office expenses and contingencies			700	700	700
	Total of Controlling Establishment		24	288	1,203	6,713

* Fds G.O., No. 145, dated 19th August 1878.

STATEMENT VII.

Estimate of State Outlay for the Purchase of Land.

Number of Item.	Particulars.	Area in Acres.	Amount of Estimate.	Payment to 31st March 1878.	Budget Estimate for 1878-79.	Regular Estimate for 1878-79.	Budget Estimate for 1879-80.
	Kurnool.			Rs.	Rs.	Rs.	Rs.
	Main Canal			81,041	2,000	2,000	1,000
	Distribution Buildings						
	Total			81,041	2,000	2,000	1,000
	Cuddapah.						
	Main Canal			33,516	1,000	1,000	1,500
	Distribution Buildings						
	Total			33,516	1,000	1,000	1,500
	Grand Total for Kurnool and Cuddapah			1,20,557	3,000	3,000	2,500

ABSTRACT OF THE STATEMENTS VI AND VII.

	Rs.
Controlling Establishment	4,876
Outlay for the purchase of land	2,500
Total	7,376

Deaf Estimate of Educational Needs for General Management

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Deductions of charges to be met from the sum of Rupees 10,000 entered under the head "Contingencies" and included in the above estimate.

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* Form one group.

* Form one group.

STATEMENT X.

Estimate Expenditure during 1879-80 from Guaranteed and Loan Capital.

Items.	Budget Estimate for 1879-80.	Budget Estimate for 1878-79.	Regular Estimate for 1878-79.
Navigation	RS. 1,97,579	RS. 1,59,548	RS. 2,31,105
Main Canal	12,000	55,000	58,000
Distribution	12,000	25,000	18,000
Buildings	...	...	...
Establishment	73,859	79,848	1,02,363
Total ...	2,95,438	3,19,396	4,09,473

STATEMENT XI.
Detail of Estimate of Expenditure on Construction Account.

Name of Work.	1	2	3	4	5	6	7	8	9
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	Remarks.
Main Supply.									
Ancient and Head Works at Someswarum	1,71,727 1 7	11,19,693 13 6	72,635 14 10	...	...	...	72,635 14 10	...	Progress report for the quarter ending 30th June 1878 has not yet been received and columns 4 and 5 are therefore left blank.
South Main Canal, 1st Section	20,16,302 7 11	9,83,981 0 10	20,10,898 11 3	...	...	...	11,12,758 9 10	...	
Do., 2nd do.	9,83,981 0 10	10,65,577 8 9	9,28,431 11 7	...	...	...	20,10,898 11 3	...	
Do., 3rd do.	9,46,394 4 8	7,16,005 12 2	8,73,163 3 8	...	...	...	9,28,431 11 7	...	
Do., 4th do.	...	...	6,79,889 5 1	...	...	...	9,28,431 11 7	...	
Do., 5th do.	...	...	...	...	...	...	6,79,889 5 1	...	
Do., 6th do.	...	...	...	...	...	...	...	...	
Do., 7th do.	...	...	...	...	...	...	...	...	
Enlargement of culs, 1st Section	...	...	...	...	...	...	...	...	
Do., 2nd do.	...	...	...	...	...	...	...	...	
Do., 3rd do.	...	...	...	...	...	...	...	...	
Do., 4th do.	...	...	...	...	...	...	...	...	
Do., 5th do.	...	...	...	...	...	...	...	...	
Do., 6th do.	...	...	...	...	...	...	...	...	
Do., 7th do.	...	...	...	...	...	...	...	...	
Completed works	45,25,944 9 2	...	40,23,597 2 8	...	...	...	47,048 8 10	2,000	
Total	1,16,42,056 10 6	1,97,30,095 10 10	...	...	...	...	40,23,597 2 8	...	
Distribution.									
Distribution works at 6th Section	72,833 5 4	50,278 2 3	...	...	...	...	...	...	
Completed works	2,70,439 3 9	1,55,537 5 10	...	...	...	...	83,278 2 3	12,000	
Total	3,43,277 9 1	2,85,365 8 1	...	...	...	...	1,55,537 5 10	...	
Breach repairs of August 1870.									
Completed works	62,440 0 0	51,084 1 7	...	...	...	...	2,85,365 8 1	12,000	
Buildings.									
Office, store and workshops at Kurnool	19,646 0 0	17,297 5 1	...	...	...	...	...	...	
Store-keepers' huts	3,200 0 0	2,916 8 9	...	...	...	...	...	...	
Overseers' houses at Pampad and Ayalar	1,100 0 0	754 8 9	...	...	...	...	...	...	
Dwellings and out-buildings for an Apollary and two Clerks at Dhoe.	2,000 0 0	...	...	...	...	...	...	...	
Completed works	65,717 9 11	62,438 6 11	...	...	...	...	...	...	
Total	91,663 9 11	83,406 13 6	...	...	...	...	51,084 1 7	...	
Line of Telegraph.									
Completed works	72,033 13 0	71,495 13 10	...	...	...	...	...	...	
Grand Total	1,22,11,471 10 6	1,11,74,417 15 10	...	...	...	...	71,495 13 10	24,000	

* Excluding Rupees 10,000, the estimate of buildings necessary for navigation shown in Statement XII, vide G.O. No. 926 I, dated 14th November 1878.

STATEMENT XI-A.

Detail Estimate of Expenditure on Navigation Account.

Name of Work.	Amount of Sanctioned Estimate.	Actual Expenditure up to 31st March 1878.	Expenditure from 1st April to 30th June 1878.	Anticipated Expenditure from 1st July 1878 to 31st March 1879.	Total of Columns 4 and 5.	Total of Columns 3 and 6.	Probable Expenditure for 1878-80.	Remarks.
1	2	3	4	5	6	7	8	9
I.—TELEGRAPH.								
Telegraph	75,600	..	..	..	..	..	..	
II.—EXTRA WORKS (ON CANAL), SUCH AS WEIRS AND BRIDGES.								
6th Section.								
Weir above lock No. 2	345	..	..	..	..	..	..	Details of the anticipated and probable expenditure are not known. Therefore the totals of such expenditure are shown at the bottom of the statement.
Road bridge to outlet	420	..	..	..	..	..	..	
Do. to inlet	340	..	..	..	..	..	..	
Waste weir above lock 2A	90	..	..	..	..	..	..	
Do. above lock 3	90	..	..	..	..	..	..	
Channel inlet above lock 4	120	..	..	..	..	..	..	
Weir above lock 4	120	..	..	..	..	..	..	
Inlet above lock 5	125	..	..	..	..	..	..	
Weir and sluice above lock 5	750	..	..	..	..	..	..	
Inlet above lock 6	200	..	..	..	..	..	..	
Weir above lock 6	190	..	..	..	..	..	..	
Subsidiary weir across vagoo	151	..	..	..	..	..	..	
Do. flood stank	390	..	..	..	..	..	..	
Waste weir above lock 7	100	..	..	..	..	..	..	
Channel inlet above lock 8	110	..	..	..	..	..	..	
Weir above lock 8	420	..	..	..	..	..	..	
Road bridge at lock 8	340	..	..	..	..	..	..	
Inlet above lock 9	650	..	..	..	..	..	..	
Weir and sluice above lock 9	1,200	60	..	..	..	..	..	
Inlet above lock 9-A	450	..	..	..	..	..	..	
Waste Weir at lock 9-A	415	..	..	..	..	..	..	
Channel inlet at lock 10	450	..	..	..	..	..	..	
Weir above lock 10	500	..	..	..	..	..	..	
Inlet above lock 11	500	..	..	..	..	..	..	
Weir above lock 11	500	..	..	..	..	..	..	
Road bridge near lock 11	340	..	..	..	..	..	..	
Inlet above lock 12	450	..	..	..	..	..	..	
Waste weir above lock 12	1,100	..	..	..	..	..	..	
Total, 6th Section ..	10,979	60	..	..	..	..	..	
8th Section.								
Lock 10-A and bridge ..	1,208	..	..	..	..	..	..	
Do. 11 and do. ..	1,206	..	..	..	..	..	..	
Do. 12 ..	865	..	..	..	..	..	..	
Do. 13 ..	865	..	..	..	..	..	..	
Do. 14 and bridge ..	1,206	..	..	..	..	..	..	
Do. 15 ..	865	..	..	..	..	..	..	
Do. 16 ..	865	..	..	..	..	..	..	
Total, 8th Section ..	7,078	..	..	..	..	..	..	
9th Section.								
Lock No. 1 and bridge ..	1,206	..	..	..	..	..	..	
Do. 2 ..	865	..	..	..	..	..	..	
Do. 3 ..	865	..	..	..	..	..	..	
Do. 4 and bridge ..	1,206	..	..	..	..	..	..	
Do. 5 ..	865	..	..	..	..	..	..	
Do. 6 and bridge ..	1,206	..	..	..	..	..	..	
Do. 7 ..	865	..	..	..	..	..	..	
Do. 8 ..	865	..	..	..	..	..	..	
Do. 9 and bridge ..	1,400	..	..	..	..	..	..	
Total, 9th Section ..	9,372	..	..	..	..	..	..	
Total, II, Extra Works ..	27,430	60	..	..	..	..	..	

Detail Estimate of Expenditure on Navigation Account—continued.

Name of Work.	Amount of Sanctioned Estimate.	Actual Expenditure up to 31st March 1878.	Expenditure from 1st April to 30th June 1878.	Anticipated Expenditure from 1st July 1878 to 31st March 1879.	Total of Columns 4 and 5.	Total of Columns 3 and 6.	Probable Expenditure for 1878-80.	Remarks.	
1	2	3	4	5	6	7	8	9	
III.—WHARVES AND BOLLARDS.									
Wharf wall, Kurnool	RS. 4,225	RS. ..	RS. ..	RS. ..	RS. ..	RS. ..	RS. ..	Details of the anticipated and probable expenditure are not known. Therefore the totals of such expenditure are shown at the bottom of the statement.	
Do. Bollard	1,690	..	..	..	..	..	..		
Do. at Joharapuram	978	..	..	..	..	..	..		
Do. at Nandial	1,734	..	..	..	..	..	..		
Do. at Debanguntla	1,734	..	..	..	..	..	..		
Do. at Maidkur	1,734	..	..	..	..	..	..		
Total, III, Wharves and Bollards.	11,495	..	..	..	..	..	..		
IV.—BUILDINGS.									
First-class passenger and parcel station, Kurnool.	1,630	..	..	..	..	..	..		
Do. do. at Yerragudur.	1,903	..	..	..	..	..	..		
Do. do. at Nandial ..	2,034	..	..	..	..	..	..		
Third-class passenger and parcel station at Kadraabagh.	490	..	..	..	..	..	..		
Second-class goods station at Kurnool.	2,328	..	..	..	..	..	..		
Do. do. at Nandial ..	2,534	..	..	..	..	..	..		
Do. do. at Debanguntla	2,534	..	..	..	..	..	..		
Do. do. at Maidkur ..	2,534	..	..	..	..	..	..		
34 Post-houses, 7 at 478, 8 at 559, 16 at 632, and 3 at 676 Rs. each.	20,038	..	..	..	..	..	..		
29 Lock lascars huts at 333 Rs. each.	9,657	..	..	..	..	..	..		
1 Bungalow at Debanguntla ..	3,500	..	..	..	..	..	..		
Station boundary wall at do. ..	1,930	..	..	..	..	..	..		
2 Apothecary's and Clerk's houses at Debanguntla.	1,592	..	..	..	..	..	..		
2 Do. do. at Dhoor ..	1,592	..	..	..	..	..	..		
Total, IV.—Buildings..	64,296	..	..	..	..	..	..		
V.—COMPLETION OF LOCKS.									
Works required for all locks on the canal.	5,760	..	..	..	..	..	..		
VI.—PLANKING TO LOCKS.									
6TH SECTION	9,967	..	..	..	..	..	..		
VII.—FLOATING PLANT. £									
20 Cargo-boats 57'x9' ..	4,000	} 2,00,000	..	..	..	..	..		
12 Passenger boats .. 57'x9' ..	2,000								
2 Steam passenger boats	..								
20 P. stern wheel ..	4,000								
Total ..	*3,84,648	..	..	..	..	..	..		
Cuddapah Junction canal ..	† 33,700	..	..	..	..	..	..	*G.O. No. 166 I of 28th February 1878.	
BUILDINGS AT KURNOOL.									
Divisional Office	3,773	..	..	..	..	..	..	†G.O. No. 273 I of 27th March 1878.	
Foreman's Office and Store ..	1,695	..	..	..	..	..	..		
Foundations and fixing machine..	566	..	..	..	..	..	..		
Boundary wall	1,095	..	..	..	..	..	..		
Building slips including sliding-ways.	1,315	..	..	..	..	..	..		
Tramway	2,522	..	..	..	..	..	..		
	† 10,966	..	..	..	..	..	..		
Grand Total ..	4,29,214	60	..	..	2,31,195	2,31,165	1,97,379	*G.O. No. 923 I of 14th November 1878.	

STATEMENT XII.

Detail Estimate of Expenditure on Revenue Account.

Items.	Budget for 1878-79.	Actual Expenditure from 1st April to 30th June 1878.	Anticipated Expenditure from 1st July to 31st March 1879.	Revised Budget Estimate for 1878-79. Total of Columns 3 and 4.	Probable Expenditure for 1879-80.	Remarks.
1	2	3	4	5	6	7
Proportion or share of charges for General Management including contingencies.	RS. 32,686	RS. 3,118	RS. 23,412	RS. 26,530	RS. 37,383	
<i>Main Supply Conservancy Staff.</i>						
Upper Division including Office contingencies.	28,604	9,030	11,141	20,171	45,440	
Lower Division including Office contingencies.						
	28,604	9,030	11,141	20,171	45,440	
<i>Main Canal Repairs.</i>						
Upper Division including Conservancy work contingencies.	19,980	6,873	31,327	38,200	45,500	
Lower Division including Conservancy work contingencies.	5,100	5,811	3,709	9,520	19,100	
	25,080	12,684	35,036	47,720	64,600	
<i>Distribution Repairs.</i>						
Upper Division	4,000	50	3,950	4,000	4,000	
Lower do.	3,700	231	3,469	3,700	8,800	
	7,700	281	7,419	7,700	12,800	
<i>Buildings Repairs.</i>						
Upper Division	250	42	2,998	3,040	750	
Lower do.	600	42	858	900	1,800	
	850	84	3,856	3,940	2,550	
<i>Telegraph Repairs.</i>						
Upper Division	100	2	98	100	250	
Lower do.	...	...	...	...	250	
Storage	...	...	...	...	...	
Grand Total ...	95,020	25,199	80,962	1,06,161	1,63,273	

STATEMENT XIII.

Budget Estimate of Areas of Land required by the Company in 1879-80.

Name of Work for which Land is required.	Area of Land in Acres.				Remarks.
	A.	B.	C.	D.	
<i>Main Canal.</i>					
Upper Division	...	...	...	...	
Lower do.	5	10	10	...	
	15	10	8	...	
<i>Distribution.</i>					
Upper Division	...	...	...	...	
Lower do.	80	...	...	...	
	80	...	...	...	
Total ...	180	10	18	...	

STATEMENT XIV.

Estimate of Area of Land to be irrigated in the year 1879-80.

Position.	Area estimated.	Area actually irrigated in 1877-78.	Area actually irrigated in 1878-79.
<i>Upper Division.</i>			
1st Section	...	...	...
2nd do.	...	...	...
3rd do.	...	...	...
4th do.	...	...	...
5th do.	...	...	...
6th do.	...	...	...
7th do.	...	...	...
<i>Lower Division.</i>			
8th Section	...	...	...
9th do.	...	...	...
10th do.	...	...	...
Total ...	252,500	75,500	60,000

(Signed) J. H. LATHAM,
Chief Engineer and Manager.

STATEMENT XV.
Budget Estimate of Demand and Collections of Revenue.

	Kurnool.	Cuddapah.	Total.
Arrears due on 1st April 1877	Rs. 2,02,820	Rs. 48,823	Rs. 2,51,643
Actual demand for 1877-78	Rs. 1,00,119	Rs. 49,011	Rs. 1,49,130
Estimated demand for 1878-79	Rs. 40,000	Rs. 40,000	Rs. 80,000
Do. 1879-80	Rs. 75,000	Rs. 50,000	Rs. 1,25,000
Total ...	4,17,939	1,87,834	6,05,773
Actual collection 1877-78	Rs. 75,298	Rs. 38,468	Rs. 1,13,766
Do. from April to Aug. 1878.	Rs. 73,229	Rs. 27,457	Rs. 1,00,686
Probable collection from September to March 1879.	Rs. 1,00,000	Rs. 40,000	Rs. 1,40,000
Estimated collections for 1879-80	Rs. 95,000	Rs. 45,000	Rs. 1,40,000
Total ...	3,46,527	Rs. 1,50,925	Rs. 4,97,452
Balance ...	Rs. 71,412	Rs. 36,909	Rs. 1,08,321
Total ...	4,17,939	1,87,834	6,05,773

Rev 21524/19

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

22nd January 1879, No. 37 I.

Irrigation.
Account.

Read the following paper :—

No. 9 I.

No. 44. *Note by the Chief Engineer for Irrigation.*

The regular estimates for 1878-79 and the budget estimates for 1879-80 of expenditure and receipts of the Madras Irrigation and Canal Company are herewith submitted.

2. The estimated State outlay on the establishment of control and for compensation for land to be taken up amounts to Rupees 7,376, as follows :—

	Budget Estimate for 1879-80.	Regular Estimate for 1878-79.	Budget Estimate for 1878-79.
Establishment	Rs. 4,876	Rs. 5,743	Rs. 5,743
Compensation for land	2,500	3,000	3,000
Total	7,376	8,743	8,743

Since the office of the Consulting Engineer, Madras Irrigation and Canal Company, has been amalgamated with that of the Chief Engineer for Irrigation, no reduction has been made in the provision for Contingencies, it is considered that one-fifth of the total provision for the two offices is all that should be charged to the Company's canal, and the provision of Rupees 1,200 has therefore been reduced to Rupees 288.

The Government contribution to the allowances of the Accountant at Kurnool has been increased by Rupees 45 on account of the annual increment to his pay.

3. The Chief Engineer and Manager estimated the expenditure for the current year on navigation works at Rupees 3,08,140 including the proportion of establishment charges, but in dividing the charges between Capital and Revenue he has apparently considered the sum of Rupees 3,08,140 as for works alone.

4. He provides for an increase of establishment during the second-half of the current year, but in several cases he arrives at totals by calculating the increased establishment for twelve months.

5. The following statement shows the estimated outlay from Loan and Guaranteed Capital as corrected :—

	Budget 1879-80.	Regular Budget 1878-79.	Budget 1878-79.
Establishment	Rs. 73,859	Rs. 1,02,368	Rs. 79,848
Main Canal	12,000	58,000	55,000
Distribution	12,000	18,000	25,000
Navigation	1,97,579	2,31,105	1,59,548
Total	2,95,438	4,09,473	3,19,396

The regular budget estimate for 1878-79 provides for navigation works being carried out more vigorously than it was intended when the budget was prepared. The sum of Rupees 5,85,000 placed at the disposal of the Company last year is sufficient to meet the outlay proposed for 1879-80 on navigation works and the proportion of establishment charges.

6. The following additional establishment is provided for from 1st October 1878:—

GENERAL MANAGEMENT.				
Chief Engineer and Manager's Office.				
1 Clerk	...	...	...	Rs. 65
1 Draftsman	...	...	...	20
				85
Chief Accountant's Office.				
2 Clerks	...	...	...	90
				90
Medical.				
1 Dresser	...	...	...	50
				50
				225
CONSERVANCY STAFF.				
Upper Division.				
Increase to Surveyor	...	...	...	Rs. 20
Sub-Assistant Engineer	...	...	...	260
1 Inspector	...	...	...	165
4 Overseers and Amins	...	...	...	200
4 Chainmen	...	...	...	28
2 Accountants and Clerks	...	...	...	50
1 Telegraph Signaller	...	...	...	10
1 Cash Peon	...	...	...	7
				740
Reduction in contingencies	...	...	...	25
				715
Lower Division.				
1 Inspector	...	...	...	150
8 Overseers and Amins	...	...	...	200
2 Accountants and Clerks	...	...	...	40
1 Cash Peon	...	...	...	7
				397
Reduction in contingencies	...	...	...	25
				372
Annual cost	...	...	...	1,312
Deduct amount for temporary hands not required	...	...	...	15,744
				200
				15,544

The provision in the budget is allowed to stand, but the Chief Engineer and Manager has not explained the necessity for the increase of establishment nor has he obtained the sanction of Government thereto.

7. The balance of Capital Funds other than the amount refunded on account of surveys of abandoned projects on 30th September 1878 in the hands of the Company is Rupees 69,951-2-7 in cash and advances, and 1,09,045-14-1 in stores which is sufficient to meet the outlay proposed for works other than navigation.

8. The estimate of revenue expenditure for 1879-80 amounts to Rs. 1,63,273 and is made up of the following items—

	Budget 1879-80.	Regular Estimate 1878-79.	Budget Estimate 1878-79.
Share of General Management	Rs. 37,383	Rs. 26,530	Rs. 32,686
Conservancy Staff	45,440	20,171	28,604
Repairs to Main Canal	64,600	47,720	25,080
Do. Distribution	12,800	7,700	7,700
Do. Buildings	2,550	3,940	850
Do. Telegraph	500	100	100
Total	1,63,273	1,06,161	95,020

9. The Collectors of Kurnool and Cuddah estimate the collections for 1878-79 and 1879-80 at Rupees 2,43,686 and 1,40,000 respectively. A reduction of revenue has been anticipated as the season being favorable the ryots are not likely to require as much water for irrigation as they did during a last two years. The estimate of the Chief Engineer and Manager of the extent of irrigation is rather a sanguine one. The cost of collection establishment has not been taken into account, as the amount chargeable under that head has not yet been fully settled, but under recent orders the Government cannot allow the working expenses of the Company to exceed the ascertained net demand. The estimated working expenses exceed the demand by Rupees 26,161 in 1878-79 and Rupees 38,27 in 1879-80, and the Company should therefore provide funds to meet the excess less they can reduce the expenditure without prejudice to the safety of the works.

10. Letter No. 274 A.—G.R., dated 12th November 1878 from the Government of India urging the necessity for the actual submission of the budget estimates of the Madras Irrigation and Canal Company has been communicated to this Office in Proceedings of Madras Government, No. 4,492 W, of 25th November 1878, for an explanation of the circumstances under which the budget estimates were not furnished by the prescribed date. They were received from the Chief Engineer and Manager on 12th November 1878 and were wanting in information on several points which had to be applied for. The Chief Engineer and Manager's partial reply was received on 26th November, and his second reply with the revised budget estimates on 2nd December.

Forr St. GEORGE, (Signed) J. A. HASTED, Lt.-Col., R.E.,
13th January 1879. Ag. Chief Engineer for Irrigation.
To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 45. ORDER THEREON, 22nd January 1879, No. 37 I.

With the foregoing note the Chief Engineer for Irrigation submits the budget estimates of the Madras Irrigation and Canal Company for 1879-80 as well as the regular budget for 1878-79.

The estimate of State expenditure is as follows:—

	Rs.
Establishment	4,876
Compensation for land	2,500
Total	7,376

The charges on account of establishment for 1879-80 are Rupees 567 less than that for 1878-79, the amalgamation of the Consulting Engineer's with that of the Chief Engineer for Irrigation having reduced the contingent charges, and the annual increment to the pay of the Accountant at Kurnool having raised the Government contribution.

The provision for compensation for land is Rupees 500 less than that of the current year.

2. The estimate of expenditure Capital Account is as follows:—

		Budget 1879-80.	Regular Budget 1878-79.
		RS.	RS.
Establishment	...	73,859	1,02,363
Main Canal	...	12,000	58,000
Distribution	...	12,000	18,000
Navigation	...	1,97,579	2,31,105
Tal	...	2,95,438	4,09,473

and is approved as the balance of Capital Funds is expected to be adequate.

The Chief Engineer and Manager should be asked to explain the necessity for the increase of establishment provided for, as without satisfactory explanation the sanction of Government thereto cannot be accorded.

3. The estimated expenditure on Revenue Account exceeds the probable amount of demand by Rupees 26,16 in 1878-79 and Rupees 38,273 in 1879-80, and the cost of collection establishment will be an addition to the excess. Payments to the Company on account of working expenses will necessarily be limited to the ascertained net demand, and the Chief Engineer and Manager will be asked, in communication with the Directors at Home, to report how it is intended to meet the excess or what portion of the expenditure they propose to reduce.

4. The attention of the Chief Engineer and Manager, Madras Irrigation and Canal Company, will be called to the imperative necessity for punctual submission of future budget estimates on the 1st September yearly.

5. Ordered that a copy of these Proceedings be forwarded to the Government of India together with the budget estimates of the Madras Irrigation and Canal Company for 1879-80 and the regular estimates for 1878-79.

(true Extract.)

Signed) J. O. HASTED, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

1/ See copy/

Lt. asst.

Lt. asst.
R.E.

To the Chief Engineer for Irrigation.
Examiner of Irrigation Company's Accounts.
To Mr. A. L. Lister, C.S.

Revenue Dept.
Financial Dept.
Accountant General

At Joint Secy to Govt.
P.W.D.

10968
Irrigation Branch

Exd. E. C. Shunker.

20 Spare Copies

Communicated to the
Revenue Dept.

12 March 79.

15th of Revenue Des 11-3-79.

Revenue Dept-

No 2154

IRRIGATION.
ACCOUNT.

Govt. of (1879) Madras.
PUBLIC WORKS.

To

The CHIEF ENGINEER for IRRIGATION,
&c., &c., &c.

Dated January 22nd.

For

Recd. H. Branch Est. 1

G. O., 22nd January 1879, No. 37 I.

Ref No 12-3-99 J-968.

JANUARY.

Nos. 44-45.

Budget Estimates for 1879-80 and Regular
Budget for 1878-79 of the Madras Irriga-
tion and Canal Company.—Passing orders on
the —.

Ver 3152/79

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With order