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MADRAS RECORD OFFICE

Government of Madras

Publications DEPARTMENT

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Dated	16-2	1875
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Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th February 1875.*

No. 391. Read the following letter from Lieutenant-Colonel J. MULLINS, R.E. Chief Engineer for Irrigation, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Fort St. George, 28th January 1875, No. 4 :—

I HAVE the honor to submit the Budget Estimates of expenditure from State Funds and from Loan Capital of the Madras Irrigation and Canal Company for the year 1875-76.

2. The estimated outlay on the establishment of control and for compensation for land to be taken up amounts to Rupees 11,008, as follows :—

	RS.
Establishment	6,508
Compensation for land	4,500
Total outlay...	11,008

3. The outlay from Loan Capital is estimated by the Chief Engineer and Manager as follows :—

	RS.
Agency and Engineering Establishment	14,780
General works on Main Canal	39,080
Distribution Channels	3,860
Buildings	2,000
Electric Telegraph	100
Total...	59,820

4. This office possesses no information as to the exact amount of capital in the hands of the Company, but it appears to be probable that they retain a more than sufficient sum to meet the proposed outlay on Capital Account in 1875-76.

5. The estimate of expenditure on Revenue Account amounts to Rs. 2,00,578 against Rupees 1,82,900 in 1874-75, and is made up of the following items :—

	RS.
Share of General Management, including Office Contingencies	45,728
Conservancy Staff, etc., first 6 sections	43,600
Do. do. 7th to 10th section	43,600
Repairs to Main Canal	40,000
Do. to Distribution works	25,000
Do. to Buildings	2,500
Do. of Telegraph	150
Total ..	2,00,578

The increase occurs under the heads of Repairs to Main Canal, Distribution, and Contingencies. The estimate for the latter made in previous years has proved insufficient. The charge for repairs is reasonable.

6. The latest reports from the officers in charge of the canal appear to favor the conclusion that there will be no material increase in the area irrigated during the current as compared with the past year, and the reason suggested is the change in the system of the registration of demands and charge for water provided in the rules issued under G. O., No. 34, of the 4th August 1874, which, though more

Must be per. 14/10

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favorable to the ryots, require to be appreciated and understood before they take effect. The subject has been frequently under the consideration of Government in connection with the monthly reports of the Chief Engineer.

Under the circumstances noticed, the actuals of 1873-74 in area irrigated and revenue and the increase in that year, as compared with 1872-73, may be taken as a basis for the Budget Estimate of 1875-76.

The irrigated area of 1873-74 was 15,299 Acres; the revenue Rupees 64,265. In 1872-73 the area was 11,029 Acres, and the revenue Rupees 50,017; thus the increase in the former year was in Acres 4,270, and in amount Rupees 14,248.

The average charge per acre is 4-3 rupees, and, if allowance is made for an accelerated increase of revenue of 7,000 Acres, the estimate for 1875-76 will be 22,300 Acres and Rupees 95,000, and this is quite as much as it would be prudent to calculate on.

7. This Government having proposed that the present arrangements with Paragraph 4 of letter to Government of India, the Company should remain in force No. 1,922, dated 16th July 1874, for another year; and the consent of the Secretary of State having been obtained to this proposition, it is not necessary to enter into details regarding the Company's financial position, which besides has been already fully commented on in previous letters from this office. The Budget provides for an establishment on the same scale as heretofore.

Proceedings of the Madras Government, Public Works Department,
16th February 1875.

Detail of Estimate of State Expenditure on account of the operations of the Madras Irrigation and Canal Company for the year 1875-76.

ABSTRACT.

I.—Establishment (Controlling)...	...	...	...	...	...	Rs. 6,508
II.—Purchase of land ...	...	...	...	...	...	4,500
III.—Excess of cost of maintenance, etc., over gross Revenue receipts...	...	...	...	...	...	1,05,578
					Total...	1,16,586

I.—CONTROLLING ESTABLISHMENT.

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE OF 1875-76.		BUDGET ESTIMATE OF 1874-75. Charges per Annum.	REGULAR ESTIMATE OF 1874-75.
			Per Mensem.	Per Annum.		
1874-75.	1875-76.	RS.	RS.	RS.	RS.	RS.
1	Deputation allowance to Head Clerk of Office of Chief Engineer for Irrigation ...	50	50	600	4,488	4,451
1	Head Clerk...	50	50	600	700	300
1	Accountant ...	42	42	504	1,200	1,200
1	Record-keeper ...	50	50	600		
1	Draughtsman and Estimator ...	40	40	480		
1	Peon...	8	8	96		
1	Do...	7	7	84		
	For the Government Examiner.					
1	Accountant ...	*130	130	1,560		
1	Peon...	7	7	84		
	Travelling allowance and batta for Office Establishment ...				4,488	4,451
	Office expenses and contingencies...				700	300
	Total of Controlling Establishment...				1,200	1,200
					6,338	6,951

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II.—PURCHASE OF LAND.

No. of Item.	Particulars.	Area in Acres.	Amount of Estimate.	Computed payments to 31st March 1875.	Estimate for 1874-75.	Regular Estimate for 1874-75.	Estimate for 1875-76.
	Kurnool.						
	Main Canal Distribution ...		Not estimated for; the land registers and bills are sanctioned by Government from time to time prior to the transfer of the land.	Rs. 74,692	Rs. 4,000	Rs. 2,448	Rs. 3,000
	Total ...			74,692	4,000	2,448	3,000
	Cuddapah.						
	Main Canal Distribution ...		Do. do. do.	19,730	4,000	1,006	1,500
	Total ...			19,730	4,000	1,006	1,500
	Grand Total for Kurnool and Cuddapah...			94,422	8,000	3,454	4,500

APPENDIX C.
Estimated Expenditure from Guaranteed and Loan Capital of the Madras Irrigation and Canal Company for 1875-76.

Items.	Budget Estimate for 1875-76.	Budget Estimate for 1874-75.	Regular Estimate for 1874-75.
Main Canal Distribution ...	Rs. 39,080	Rs. 11,850	Rs. 17,021
Buildings ...	3,860	7,000	7,322
Establishment ...	2,000	2,500	4,080
Electric Telegraph ...	14,780	16,000	20,241
Alteration of calingulahs ...	100	100	100
Total ...	59,820	37,450	80,964

Revenue Account.

	GROSS EARNINGS.			WORKING EXPENSES, + BALANCE DR. BROUGHT FORWARD FROM PREVIOUS YEAR.			BALANCE CR. OR DR. AT THE END OF THE YEAR.			PERCENTAGE OF WORKING EXPENSES ON REVENUE.		
	1875-76.	1874-75.		1875-76.	1874-75.		1875-76.	1874-75.		1875-76.	1874-75.	
	Budget Esti- mate.	Regular Esti- mate.		Budget Esti- mate.	Regular Esti- mate.		Budget Esti- mate.	Regular Esti- mate.		Budget Esti- mate.	Regular Esti- mate.	
Main Canal from Soonkassala to the Pennair.	Rs. 95,000	Rs. 80,000	Rs. 63,019	Rs. 4,82,846	Rs. 4,04,875	Rs. 3,54,433	Rs. 3,87,846	Rs. 3,24,375	Rs. 2,82,268	Rs. 211	Rs. 229	Rs. 265

* This sum represents the estimated working expenses in 1875-76 added to the debit or loss on Revenue Account in 1874-75.

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III.—REGULAR ESTIMATE FOR 1874-75.
Statement of Revenue Expenditure in comparison with Revenue Receipts for two years from 1st April 1874 to 31st March 1876.

No. of Item.	Particulars.	Amount.	Total.	No. of Item.	Particulars.	Amount.	Total.
	Receipts.	RS. A. P.	RS. A. P.		Expenditure.	RS. A. P.	RS. A. P.
1	Collections from 1st January to 31st March 1874, as per Accountant-General's Statement ...	...	...	4	Balance against Revenue on 1st January 1874, as per Revenue Account for half-year ended 31st December 1873 ...	1,54,357 8 9	...
2	Estimated Revenue receipts for 1874-75, as per Collector's returns.	37,194 3 3	...	5	Average expenditure from 1st January to 31st March 1874 ...	35,365 0 0	...
3	Balance against Revenue on 31st March 1875 ...	24,824 7 10	...	6	Computed working expenses for 1874-75, as per Agent's Statement ...	1,64,711 2 9	...
	Total ...	...	3,54,433 11 6		Total ...	...	3,54,433 11 6

Budget Estimate for 1875-76.

No. of Item.	Particulars.	Amount.	Total.	No. of Item.	Particulars.	Amount.	Total.
	Receipts.	RS. A. P.	RS. A. P.		Expenditure.	RS. A. P.	RS. A. P.
1	Estimated earnings in 1875-76 ...	95,000 0 0	...	1	Balance against Revenue on 31st March 1875 ...	2,82,268 11 0	...
2	Balance against Revenue on 31st March 1876 ...	3,87,846 11 0	...	2	Add working expenses in 1875-76, as per Agent's Revenue Statement ...	2,00,578 0 0	...
	Total ...	...	4,82,846 11 0		Total ...	...	4,82,846 11 0

Major, R.E.,
for Chief Engineer for Irrigation.

For Sr. GEORGE,
January 1875.

Budget Estimate of the Expenditure required on Construction Account for the year 1875-76.

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Name of Work.	Amount of Sanctioned Estimate.		Actual Expenditure from 1st April to 31st March 1874.		Anticipated Expenditure from 1st September to 31st March 1875.		Total of Columns 4 and 5.		Total of Columns 3 and 6.		Probable Expenditure for 1875-76.	
	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
I												
Main Supply.												
Arment and Head works at Kurnool	3,03,080	0 0	60,731	1 8	4,200	0 0	4,200	0 0	60,731	1 8	5,000	0 0
Do. do. at Sankesala	4,65,123	0 0	4,76,669	13 9	160	0 0	252	4 0	4,80,869	13 9	5,000	0 0
Do. do. at Somaswarum	1,71,727	1 7	67,053	3 2	122	4 0	122	4 0	67,945	7 2	5,000	0 0
Do. do. at Adampully	4,38,233	1 11	4,34,454	10 10	250	0 0	250	0 0	4,34,454	10 10	5,000	0 0
Arment across the river Hindry	2,76,825	0 0	2,80,117	9 7	1,520	0 0	1,520	0 0	2,80,117	9 7	5,000	0 0
Canal for one mile from the head sluice of the Kurnool	65,000	0 0	49,615	0 9	1,520	0 0	1,520	0 0	49,615	0 9	5,000	0 0
Arment	10,37,733	8 11	11,17,733	9 10	188	15 4	188	15 4	11,13,803	9 10	5,000	0 0
South Main Canal, 1st Section, 17 1/2 mile	10,98,307	3 3	20,17,567	7 10	5,000	0 0	5,000	0 0	20,17,567	7 10	5,000	0 0
Do. 2nd " 1st to 32nd mile	8,78,931	0 10	9,25,774	9 3	1,700	0 0	1,700	0 0	9,30,774	9 3	5,000	0 0
Do. 3rd " 32nd to 60th "	10,56,122	8 9	9,86,523	2 3	1,000	0 0	1,000	0 0	9,88,523	2 3	5,000	0 0
Do. 4th " 60th to 73rd "	8,51,912	10 11	8,88,993	6 5	1,300	0 0	1,300	0 0	8,89,993	6 5	5,000	0 0
Do. 5th " 73rd to 81st "	9,40,324	4 8	8,77,104	9 3	330	0 0	330	0 0	8,77,104	9 3	5,000	0 0
Do. 6th " 81st to 114th "	7,44,170	12 2	6,80,090	7 10	1,300	0 0	1,300	0 0	6,82,290	7 10	5,000	0 0
Do. 7th " 114th to 143rd "	8,23,625	13 8	8,56,538	14 0	330	0 0	330	0 0	8,56,538	14 0	5,000	0 0
Do. 8th " 143rd to 174th "	8,56,670	8 4	8,03,431	1 9	1,600	0 0	1,600	0 0	8,04,531	1 9	5,000	0 0
Do. 9th " 174th to 186th "	2,57,205	11 2	1,96,234	5 1	1,600	0 0	1,600	0 0	1,96,234	5 1	5,000	0 0
Do. 10th " 186th to 196th "	1,14,77,626	4 2	1,07,04,531	0 8	16,710	0 0	16,710	0 0	1,07,31,553	4 0	39,080	0 0
Total	62,449	0 0	54,084	1 7					54,084	1 7		
Breach repairs of August 1870												
Distribution.												
Branch channels and sluices of 1st section	7,003	15 5	5,710	15 8					5,710	15 8		
Distribution works of the 2nd "	6,000	0 0	5,324	11 1					5,324	11 1		
Do. do. of the 3rd "	11,175	8 0	10,503	0 1					10,503	0 1		
Do. do. of the 4th "	47,101	14 0	34,604	0 3					34,604	0 3		
Constructing a band across the canal in 4th section.	20,760	0 0	24,577	5 7					24,577	5 7		
Distribution works of the 5th section	71,520	0 0	68,021	11 8					68,021	11 8		
Do. do. of the 6th "	46,235	15 0	44,446	4 9					44,959	4 9		
Do. do. of the 7th "	67,557	13 8	32,603	14 9					32,151	11 7		
Do. do. of the 8th "	49,773	13 0	43,183	5 6					43,443	2 6		
Do. do. of the 9th "	10,354	1 7	34,964	10 3					36,394	13 0		
Do. do. of the 10th "			10,411	4 8					12,863	4 8		
Total	1,14,77,626	4 2	1,07,04,531	0 8					1,07,31,553	4 0		

Breach repairs of August 1870

Distribution.

Branch channels and sluices of 1st section

Distribution works of the 2nd "

Do. do. of the 3rd "

Do. do. of the 4th "

Constructing a band across the canal in 4th section.

Distribution works of the 5th section

Do. do. of the 6th "

Do. do. of the 7th "

Do. do. of the 8th "

Do. do. of the 9th "

Do. do. of the 10th "

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Kurnool Town water-supply	1,699	0 7	1,447	3 9					447	3 9		
Distribution works at Sankesala	925	2 6	945	2 9					945	2 9		
Total	3,80,731	1 0	2,23,066	3 8	1,600	11 1	5,720	13 6	7,321	7 7	2,30,487	11 8
Buildings.												
Sankesala Station	5,966	0 0	6,036	6 11							6,036	6 11
Kurnool Workshop	30,612	0 0	15,738	14 7							15,738	14 7
Do. Hospital	5,118	0 0	4,563	10 1							4,563	10 1
Pagadial Station	3,077	7 7	3,865	14 1							3,865	14 1
Jaipand do.	6,123	0 0	4,526	6 0	200	13 1			200	13 1	4,727	3 1
Velpandoor do.	2,589	8 6	2,611	8 7	40	13 0			40	13 0	2,652	5 7
Ayaloor do.	642	0 0	67	15 3					3,704	0 2	3,704	0 2
Yaloor do.	1,236	0 0	566	1 6					183	13 6	67	15 3
Dhoor do.	4,579	7 6	4,564	15 11					0	9 3	4,965	9 2
Watchers' huts	8,200	0 0	2,913	1 8							2,912	1 6
Abandoned Buildings.												
Kurnool Foundry, Overseers' huts, Sheds, and Assistant Office	15,699	13 7	15,607	7 1							15,607	7 1
Bowansay Station	13,809	11 2	12,343	7 5							12,348	7 5
Donepand do.	5,233	0 0	5,373	4 8							5,373	4 8
Total	88,955	13 4	79,608	1 7	375	15 10	3,704	0 2	4,080	0 0	83,688	1 7
Telegraph line from Sankesala to Cuddayab	72,023	13 0	65,906	15 0	7	5 7	100	0 0	100	0 0	67,006	15 0
Alteration of ceiling, etc.	66,520	0 0	84,330	1 10	47	12 9	32,152	1 5	82,190	14 2	66,530	0 0
Grand Total	1,21,03,317	0 3	1,11,63,526	8 4	2,343	0 7	58,379	8 6	60,722	9 1	1,12,23,249	0 1

Kurnool,
26th October 1874.

(Signed) W. F. CRAWFORD,
Acting Chief Accountant and General Store-keeper.

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

Proceedings of the Madras Government, Public Works Department,
16th February 1875.

Budget Estimate of the Expenditure on the Revenue Account for the year 1875-76.

Items.	1	2	3	4	5	6	7	Remarks.
	Budget for 1874-75.	Actual Expenditure from 1st April to 31st August 1874.	Anticipated Expenditure from 1st September to 31st March 1875.	Total of Columns 2, 3, and 4.	Probable Expenditure for 1875-76.			
	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.			
Proportion or share of charges for General Management, including Contingencies ...	41,000	23,422 14 6	14,425 7 6	37,848 6 0	45,728			It is proposed to pay for the Traffic Registration (G. O. No. 2,746 of 30th September 1874) from this amount.
Upper Division, including Office Contingencies, (stationary). do.	44,800	12,401 13 1	23,130 0 0	35,534 13 1	43,600			
Lower do.	42,400	15,782 15 5	29,157 0 7	44,940 0 0	43,600			
Total ...	87,200	28,187 12 6	52,287 0 7	80,474 13 1	87,200			
Main Canal Repairs.								
Upper Division, including conservancy work, contingencies... do.	21,000	7,658 0 2	9,315 14 11	16,983 15 1	20,000			
Lower do.	11,000	5,991 8 6	6,684 0 0	12,675 8 6	20,000			
Total ...	32,000	13,659 8 8	15,999 14 11	29,659 7 7	40,000			
Distribution Repairs.								
Upper Division ...	10,000	149 9 3	5,117 12 6	5,267 5 9	10,000			
Lower do.	10,000	815 6 2	6,220 0 0	7,035 6 2	15,000			
Total ...	20,000	964 15 5	11,337 12 6	12,302 11 11	25,000			
Building Repairs.								
Upper Division ...	2,300	333 10 4	2,416 5 8	2,800 0 0	2,500			
Lower do.	2,500	1,137 3 1	438 9 1	1,575 12 2	2,500			
Total ...	4,800	1,490 13 5	2,854 14 9	4,375 12 2	5,000			
Repairing Telegraph Line ...	200		20 0 0	20 0 0	150			
Stores—Sal.	1,82,900	67,726 0 6	96,983 2 3	1,64,711 2 9	2,00,578			
Grand Total ...								

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

(Signed) W. F. CRAWFORD,
Acting Chief Accountant and General Store-keeper.

KURNOOL,
26th October 1874.

Proceedings of the Madras Government, Public Works Department,
16th February 1875.

Budget Estimate of Establishments of the Chief Engineer's and Manager's Office for 1875-76

NUMBERS.		Rate of Salary	1875-76.		Total.	1874-75.
1874-75.	1875-76.		Per Mensem.	Per Annum.		
		RS.	RS.	RS.	RS.	RS.
1	1	Chief Engineer and Manager...	2,500	2,500	30,000	30,000
1	1	Chief Accountant ...	800	800	9,600	9,600
15	15	Clerks from Rupees 12 to Rupees 140 ...	...	840	10,080	10,080
3	3	Draughtsmen from Rupees 25 to Rupees 40 ...	...	74	888	888
52	20	Moochee and other servants ...	...	140	1,680	2,472
		Travelling Allowances.				
		Chief Engineer and Manager...	...	200	2,400	2,400
		Other allowances ...	...	30	360	360
		Contingencies ...	...	458 1/2	5,500	1,200
		Total ...	...	...	60,508	57,000

KURNOOL,
26th October 1874.

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

(Signed) W. F. CRAWFORD,
Ag. Chief Acctt. and Genl. Store-keeper.

Budget Estimate of Irrigation for the year 1875-76.

Position.	Areas com-manded.	Areas sup-plied in 1874-75.	Areas to be supplied in 1875-76.	Remarks.
Upper Division.				
1st Section ...	1935-00	887-83	1160-00	{ 1,110 Wet crop. 50 Irrigation.
2nd do. ...	1080-00	603-00	862-00	{ 792 Wet crop. 70 Irrigation.
3rd do. ...	3726-00	440-00	953-00	{ 553 Wet crop. 400 Irrigation.
4th do. ...	26906-00	1650-00	2673-00	{ 2,073 Wet crop. 600 Irrigation.
5th do. ...	10332-00	1205-00	1594-00	{ 1,094 Wet crop. 500 Irrigation.
6th do. ...	58951-00	1000-00	1869 00	{ 1,169 Wet crop. 700 Irrigation.
Lower Division.				
7th Section ...	28800-00	1560-00	3600-00	1st and 2nd crops of Ordinary including tanks.
		120-00	240-00	Floodings.
8th do. ...	89600-00	1898 00	2840-00	1st and 2nd crops of Ordinary including tanks.
		670-00	1000-00	Floodings.
9th do. ...	13600-00	2270-00	3430-00	1st and 2nd crops Ordinary.
		500-00	750-00	Garden crops.
10th do. ...	5660-00	3520-00	5380-00	1st and 2nd crops Ordinary.
		400 00	600-00	Garden crops.
Total ...	240530-00	16723-83	26951-00	

KURNOOL,
26th October 1874.

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

(Signed) W. F. CRAWFORD,
Ag. Chief Acct. and Genl. Storekeeper.

Proceedings of the Madras Government, Public Works Department,
16th February 1875.

Budget Estimate of Area of Land required in 1875-76.

Names of Work for which land is required.					AREA OF LAND UNDER CLASS				Remarks.
					A.	B.	C.	D.	
Main Canal.					ACRES.				
Upper Division	...	...	...	...	20	...	...	...	
Lower do.	...	...	...	...	10	...	...	...	
Distribution.									
Upper Division	...	...	...	...	50	...	...	...	
Lower do.	...	...	...	...	100	...	...	...	
Total					180	...	...	...	

KURNOOL,
26th October 1874.

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

(Signed) W. F. CRAWFORD,
Ag. Chief Acct. and Genl. Storekeeper.

A.
Statement showing the amounts on account of the Revenue of Madras Irrigation and Canal Company, collected up to 30th September 1874, and the expected Receipts up to 31st March 1875.

Amount collected from 1st April to 30th September 1874.	Probable amount that can be realized from 1st October 1874 to 31st March 1875.	Remarks.
RS. A. P. 25,194 3 3	RS. A. P. 12,000 0 0	

B.
Statement showing the probable amount of expenditure for purchase money of land on account of the operations of the M. I. and C. Co. during the year 1874-75.

Description of Charge.	Budget Allotment, 1874-75.	Amount expended up to 30th Sept. 1874.	Anticipated Expenditure from 1st Oct. to 31st March 1875.	Remainder.	Probable Expenditure for 1875-76.	Remarks.
Purchase money of land.	RS. 4,000	RS. A. P. 413 0 1	RS. 2,000	RS. A. P. 1,586 15 11	RS. 3,000	

KURNOOL,
2nd November 1874.

(Signed) J. HOPE,
Acting Collector.

Proceedings of the Madras Government, Public Works Department,
16th February 1875.

A.

Statement showing the amounts on account of the Revenue of Madras Irrigation and Canal Company up to the 30th September 1874, and the expected Receipts up to 31st March 1875.

Amount collected from 1st April to 30th Sept. 1874.	Probable amount that can be realized from 1st October 1874 to 31st March 1875.	Remarks.
RS. A. P. 4,824 7 10	RS. 20,000	*4,752 14 3 Canal Revenue. 71 9 7 Interest. 4,824 7 10

B.

Statement showing the probable amount of expenditure for purchase money of land of the Irrigation and Canal Company during the year 1875-76.

Description of Charges.	Budget Allotment for 1874-75.	Amount expended up to 30th Sept. 1874.	Anticipated Expenditure from 1st Oct. to 31st March 1875.	Remainder.	Probable Expenditure for 1875-76.
Purchase money of land.	RS. 4,000	RS. A. P. 6 8 0	RS. 1,000	RS. A. P. 2,993 8 0	RS. 1,500

* This sum seems likely to remain unexpended and may accordingly be transferred elsewhere and utilized with reference to letter, No. 10, dated 29th April 1874, from the Irrigation Chief Engineer.

CUDDAPAH,
13th October 1874.

(Signed) T. KRISHNA RAO,
Deputy Collector.

(Signed) M. RAMASAWMY,
Ag. Dy. Collector.
for Collector.

No. 392.

ORDER THEREON, 16th February 1875, No. 450.

IRRIGATION, No. 24.

With his letter above recorded, the Chief Engineer for Irrigation submits the Regular Estimate of the Madras

Irrigation and Canal Company for the year 1874-75 and the Budget Estimate for 1875-76.

2. The estimate of State expenditure for 1875-76 is as follows:—

	RS.
Establishment ...	6,508
Compensation for land ...	4,500
Excess of working expenses over gross receipts ...	1,05,578
Total ...	1,16,586

3. The charges on account of establishment are on the sanctioned scale. The increase of Rupees 120 over that provided in the current year is owing to provision being made to meet the increase to the salary of the Head Accountant sanctioned in G. O., No. 2,339, dated 20th September 1873. Rupees 4,500 are provided for the purchase of land against Rupees 8,000 for the current year. The estimate is accepted.

mut. Rupees. 14780

Proceedings of the Madras Government, Public Works Department,
16th February 1875.

4. No material increase in the area irrigated during the current year, as compared with the preceding year, is expected, and the reason assigned is that there had not been time when the season of irrigation recurred for the new rules to be understood and appreciated. The receipts for 1875-76 are put down at Rs. 95,000, and it is explained that this estimate is based on a comparison of the actuals of 1873-74 in area and revenue with those of 1872-73. The estimate is confessedly a rough approximation, and appears to be reasonable. Should this estimate prove correct, the deficit on Revenue Account will for the year be Rupees 1,05,578, and for this, as in the current year, the Government of India will be asked specially to provide.

5. The estimate of Capital outlay which is accepted is Rupees 59,820 as follows:—

	Rs.
Agency and Engineering Establishment	14,780
Main Canal Works	39,080
Distribution channels	3,860
Buildings	2,000
Electric Telegraph	100
Total	59,820

This amount will have to be met from the balances in the hands of the Chief Engineer and Manager and the Directors of the Company, the amount of these being unknown, as no information has been furnished as to the funds from which repayments on account of the loan of £600,000 have been met.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 393.

(DOCKET No. 451, dated 16th February 1875.)
Copy of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

Ed. A. Grubert.
Spare Copies

Fort St. George.

28 January 1875.

No. 4

From
The Chief Engineer for
Irrigation

is Rupees 10.

The Secretary to Government
Public Works Dept.

Sir,
I have the honor to submit the Budget Estimates, of expenditure from State Fund and from Loan Capital, of the Madras Irrigation and Canal Company for the year 1875-76.

2. The estimated outlay on the Establishment of Control and for Compensation for land to be taken up amounts to Rupees 11,008, as follows:—

Establishment	Rs. 6,500
Compensation for land	4,500
Total outlay	11,008

3. The outlay from Loan Capital is estimated by the Chief Engineer and Manager as follows:—

Agency and Engineering Establish-
ment Rupees 14,780

General Works on Main Canal Rs	39,000
Distribution Channels	—
Buildings	3,860
Electric Telegraph	2,000
	1000
Total Rupees	59,820

4. This Office possesses no information as to the exact amount of Capital in the hands of the Company, but it appears to be probable that they retain a more than sufficient sum to meet their proposed outlay on Capital Account in 1875-76.

5. The estimate of expenditure on Revenue Account amounts to Rs. 200,578 against Rs. 182,900 in 1874-75 and is made up of the following items:-

Share of General Management	Rs. 45,728
including Office Contingencies	—
Conservancy Staff for first 6 Sections	43,600
do do 7th to 10th Section	43,600
Repairs to Main Canal	40,000
do do Distribution Works	25,000
do do Buildings	2,500
do do of Telegraph	150
Total Rs.	200,578

The increase occurs under the head of Repairs to Main Canal, Distribution and Contingencies. The estimate for the latter made in previous years has proved insufficient. The charge for Repairs is reasonable.

6. The latest reports from the Officers in charge of the Canal appear to favor the conclusion that there will be no material increase in the area irrigated during the current season compared with the past year and the reason suggested is the change in the system of the registration of demand and charge for water provided in the rules issued under G. O. No. 34 of the 4th August 1874 which though more favorable to the ryots requires to be appreciated and understood before they take effect. The subject has been frequently under the consideration of Government in connection with the monthly reports of the Chief Engineer. Under the circumstances noticed the actuals of 1873-74 in area irrigated and Revenue and the increase in that year as compared with 1872-73 may be taken as a basis for the Budget Estimate of 1875-76.

The irrigated area of 1873-74 was

was 15,299 acres. The Revenue Rs. 64,265. In 1872-73 the area was 11,029 acres and the Revenue Rs. 50,077. Thus the increase in the former year was in acres 4270 and in amount Rs. 14,248.

The average charge per acre is 4.3 Rs. & if allowance is made for an accelerated increase of revenue of 7000 acres the estimate for 1875-76 will be 22,300 acres and Revenue 95,000, and this is quite as much as it would be prudent to calculate on.

7. This Government having proposed that the present arrangements with the Company should remain in force for another year and the consent of the Secretary of State having been obtained to this proposition, it is not necessary to enter into detail regarding the Company's financial position which besides has been already fully commented on in previous letters from this Office. The Budget provides

provisions for an establishment on the same scale as heretofore.

I have the honor to be
Sir
Your most obedt. servt.
A. J. S. S.
Major R. B.
for Chief Engr. for Engrs.

Para 4 of letter
to Govt of India
1.9.22 of 16th July
1874

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P.W. 1875-76
No. 507 for 1875
W. 4. No 649

From

The Chief Engineer for
Irrigation

To
The Secretary to Government
P.W.D.

Dated 28th

Received 30th } January 1875

Enclosures 10

Forwards Budget Estimates
of the Madras Irrigation and
Canal Company for 1875-76.

Sl. No: 480. 16-2-75

Ob 391

3.2.75 2.5.75

450

P. W. D.

Proceedings of the Madras Government,

Under date the

187

Read the following:—

From
The Chief Engineer for
Irrigation } (H.E. No. 4 of 28th Jan'y 1875)

With his letter above
received the Chief Engineer
for Irrigation submits
the regular estimate of
the Madras Irrigation
and Canal Company
for the year 1874-75 and
the budget estimate for
1875-76.

Md
4/2

The estimate of State
expenditure for 1875-76 is
as follows.

Establishment	Rs. 6008.
Compensation for land	4,500
Excess of working capital over receipts	16,578
Total	1,16,586

Sho

3. The charges on account of establishment are on the sanctioned scale.

The increase of Rs 120 over that provided in the current year is owing to provision being made to meet the increase in the salary of the head accountant sanctioned in G.O. No. 2339 dated 20 September 1873. Rs 4,500 are provided for the purchase of land against Rs 8,000 for the current year. The estimate is accepted.

4. No material increase in the area irrigated during the current year as compared with the preceding year is expected and the reason assigned is that there had not been time when the

C. 3.2.75

season of irrigation occurred for the new rules. She understood and appreciated. The receipts for 1875 are put down at Rs 95,000 and it is explained that this estimate is based on a comparison of the actuals of 1873-74 in area and Revenue with those of 1872-73. The estimate is confessedly a rough approximation and appears to be reasonable. Should this estimate prove correct the deficit on Revenue account will for the year be Rs 10,554 and for this as in the current year the Government of India will be asked

especially to provide

5. The estimate of Capital
outlay which is accepted
is Rs 59,820 as follows.

Agency and Engineering Establishment -	Rs 14,780
Main Canal, not Rs	
Distribution Channels	39,080
Buildings	3,860
Electric Telegraphs	2,000
	100
Total	59,820

This amount will have
been met from the balances
in the hands of the Chief
Engineer and Managers and the
Directors of the Company.
The amount of these being
unknown as no information
has been furnished
as to the funds from which
repayments on account of
the loan of £600,000 have
been met.

Socket Dept dated 11/1/75
Copy of the above forwarded
to the Secy of India.
J. P. 18-2-75-463040.

To the Secy of the Government
- Secy to the Secy of the Govt
- Controller of the Govt
- Accountant General
- Revenue Dept
- Financial
J. P. 18-2-75

649

Govt. of 1875 Madras.

PUBLIC WORKS.

To
The Chief Engineer
Bengal
Secy. to Govt. of India
Dated
Recd.

G. O. 16 Feb. 1875. No. 450-457.
295

No. 991-993.

Forwarding copy of
Proceedings passed
in the Regular Es-
timate of the Madras
Irrigation and Canal
Company for the
Year 1874-75 &
the Budget Estimate
for 1875-76—
Passing orders in
the Regular Estimate
of the Madras Irrigation
and Canal Company for
the Year 1874-75 &
the Budget Estimate
for 1875-76—