

(1) Number of pages 46.
(2) Date of repair 29. 9. 69
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

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

29.

Press
Mis.

Dated

5. 1. 1876 196

Not to be folded or roughly handled

29

APPENDIX TO G. O., No. 3,549, DATED 18TH DECEMBER 1875.
DETAILED ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF THE OPERATIONS OF THE MADRAS
IRRIGATION AND CANAL COMPANY FOR THE YEAR 1876-77.

<i>Abstract.</i>					RS.
I.—Establishment (controlling)	...	...	...	...	6,508
II.—Purchase of land	...	...	...	...	4,000
III.—Excess of cost of maintenance, &c., over gross revenue receipts...	...	...	...	...	80,598

Total ... 91,106

I.—Controlling Establishment.

NUMBER.		Particulars.	Salary of Office.	ESTIMATE OF 1876-77.			Budget estimate of 1876-76, charges per annum.	Regular estimate of 1875-76.
1875-76.	1876-77.			Per mensem.	Per annum.	Total.		
			RS.	RS.	RS.	RS.	RS.	RS.
		Deputation allowance to Head Clerk, office of Chief Engineer for Irrigation	50	50	600			
1	1	Head Clerk	50	50	600			
1	1	Accountant	42	42	504			
1	1	Recordkeeper	50	50	600			
1	1	Draughtsman and Estimator	40	40	480			
1	1	Peon	8	8	96	4,608	4,608	4,600
1	1	Do.	7	7	84			
		<i>For the Government Examiner.</i>						
1	1	Accountant...	130	130	1,560			
1	1	Peon	7	7	84			
		Travelling allowance and batta for office establishment				4,608	4,608	4,600
		Office expenses and contingencies				700	700	700
						1,200	1,200	1,200
		Total of Controlling Establishment				6,508	6,508	6,500

II.—Purchase of Land.

Number of Item.	Particulars.	Area in Acres.	Amount of Estimate.	Computed payment to 31st March 1876.	Estimate for 1875-76.	Regular Estimate for 1875-76.	Estimate for 1876-77.
	<i>Kurnool.</i>			RS.	RS.	RS.	RS.
...	Main Canal ...	}	Not estimated for; the land registers and maps are sanctioned by Government from time to time prior to the transfer of the land.	73,252	3,000	888	3,000
...	Distribution ...						
...	Buildings ...						
	Total ...	...		73,252	3,000	888	3,000
	<i>Cuddapah.</i>						
...	Main Canal ...	}	Not estimated for; the land registers and maps are sanctioned by Government from time to time prior to the transfer of the land.	19,696	1,500	500	1,000
...	Distribution ...						
...	Buildings ...						
	Total ...	...		19,696	1,500	500	1,000
	Grand Total for Kurnool and Cuddapah ...	...		92,948	4,500	1,388	4,000

APPENDIX C.

Estimated expenditure from Guaranteed and Loan Capital of the Madras Irrigation and Canal Company for 1876-77.

Items.	Budget Estimate for 1876-77.	Budget Estimate for 1876-76.	Regular Estimate for 1875-76.
	RS.	RS.	RS.
Main Canal	28,950	39,080	12,061
Distribution	3,000	3,860	1,850
Buildings	900	2,000	700
Establishment	10,950	14,780	7,209
Electric Telegraph	...	100	...
Alterations of Calingulahs	...	...	7,000
Total ...	43,800	59,820	28,820

Revenue Account.

	GROSS EARNINGS.			WORKING EXPENSES.			BALANCE.			PERCENTAGE OF WORKING EXPENSES ON REVENUE.		
	1875-76.			1876-76.			1875-76.			1875-76.		
	1876-77.	Budget Estimate.	Regular Estimate.	1876-77.	Budget Estimate.	Regular Estimate.	1876-77.	Budget Estimate.	Regular Estimate.	1876-77.	Budget Estimate.	Regular Estimate.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	...	...	...
Main Canal from Soonkasala to the Pennair...	75,000	95,000	53,714	1,55,598	2,00,578	1,70,317	80,598	1,05,578	1,16,603	207.5	211.1	217.0

III.—Regular Estimate for 1875-76.

Statement of Revenue expenditure in comparison with Revenue receipts for two years from 1st April 1875 to 31st March 1877.

No. of Item.	Particulars.	Amount.	Total.	No. of Item.	Particulars.	Amount.	Total.
		RS. A. P.	RS. A. P.			RS. A. P.	RS. A. P.
1	Receipts. Collections from 1st January to 31st March 1875, as per Accountant-General's statement	8,458 15 9		4	Expenditure. Balance against Revenue on 1st January 1875, as per Revenue Account for half-year ended 31st December 1874	2,66,925 11 9	
2	Estimated revenue receipts for 1875-76, as per Collector's returns. } Kurnool } Cuddapah }	25,739 3 11		5	Average expenditure from 1st January to 31st March 1875	36,591 0 0	
3	Estimated balance against Revenue on 31st March 1876	27,974 8 5		6	Computed working expenses for 1875-76, as per Agent's statement	1,70,317 5 0	
	Total ...	4,11,661 4 8	4,73,834 0 9		Total ...	...	4,73,834 0 9

Budget Estimate for 1876-77.

Estimated earnings in 1876-77	RS. A. P.	RS. A. P.
Balance against Revenue on 31st March 1876	75,000 0 0	4,11,661 0 0
Working expenses in 1876-77, as per Agent's revenue statement	4,92,259 0 0	1,55,598 0 0
Total ...	...	5,67,259 0 0

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

B.

Statement showing the provable amount of expenditure for purchase money of land of the Irrigation and Canal Company during the year 1876-77.

Description of charges.—Purchase money of land. Budget allotment for 1875-76.—Rs. 1,500. Amount expended up to 30th September 1875.—Nil. Anticipated expenditure from 1st October 1875 to 31st March 1876.—Rupees 500. Remainder.—Rupees 1,000.* Probable expenditure for 1876-77.—Rupees 1,000.

MADANAPALLY,
15th October 1875.

(Signed) A. KRISHNA ROW,
Acting Deputy Collector.

11th October 1875, No. 71.

CUDDAPAH,
21st October 1875.

(Signed) M. RAMASAWMI,
Deputy Collector, for Collector.

To the Chief Engineer for Irrigation, Fort St. George, with reference to his letter, dated 11th October 1875, No. 71.

* 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, Irrigation Chief Engineer.

No. 164.

B.

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

Description of charge.—Purchase money of land. Budget allotment for 1875-76.—Rs. 8,000. Amount expended up to 30th September 1875.—Rupees 111-10-8. Anticipated expenditure from 1st October to 31st March 1876.—Rupees 88½. Remainder.—Rupees 2,000. Probable expenditure for 1876-77.—Rupees 3,000.

KURNOOL,
16th October 1875.

(Signed) J. HOPE,
Acting Collector.

To the Chief Engineer for Irrigation, Fort St. George.

No. 4,384.

A.

Statement showing the amounts on account of the Revenue of the Madras Irrigation and Canal Company collected up to 30th September 1875, and the expected receipts up to 31st March 1876 and during the Official year 1876-77.

Amount collected from 1st April to 30th September 1875.	Probable amount that can be realized from 1st October 1875 to 31st March 1876.	Probable amount that can be realized during 1876-77.	Remarks.
RS. A. P. *7,974 8 5	RS. A. P. 20,000 0 0	RS. A. P. 20,000 0 0	RS. A. P. *7,942 13 9 Canal revenue. 31 10 8 Interest. 7,974 8 5

MADANAPALLY,
15th October 1875.

(Signed) A. KRISHNA ROW,
Acting Deputy Collector.

21st October 1875.

(Signed) M. RAMASAWMI,
Deputy Collector, for Collector.

To the Chief Engineer for Irrigation, Fort St. George, with reference to his letter, dated 11th October 1875, No. 71.

No. 165.

A.

Statement showing the amounts on account of the Revenue of the Madras Irrigation and Canal Company collected up to 30th September 1875, and the expected receipts up to 31st March 1876.

Amount collected from 1st April to 30th September 1875.—Rupees 12,739-3-11. Probable amount that can be realized from 1st October to 31st March 1876.—Rupees 13,000.

KURNOOL,
16th October 1875.

(Signed) J. HOPE,
Acting Collector.

To the Chief Engineer for Irrigation, Fort St. George.

*Proceedings of the Madras Government, Public Works Department,
18th December 1875.*

No. 301. Read the following letter from Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Kotha-cottah, 8th November 1875, No. 44-A :—

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 1876-77.

2. The estimated outlay on the establishment of control and for compensation for land to be taken up amounts to Rupees 10,508 as follows :—

Establishment	...	...	...	...	...	...	...	...	...	Rs. 6,508
Compensation for land	...	...	...	...	...	...	...	...	...	4,000
Total outlay										10,508

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

er as follows :—										Rs.
Agency and Engineering Establishment	...	...	...	...	...	...	...	...	10,950	
General Works on Main Canal...	...	...	...	...	...	...	...	...	28,950	
Distribution Channels	...	...	...	...	...	...	...	...	3,000	
Buildings	...	...	...	...	...	...	...	...	900	
Total ...									43,800	

From Proceedings Madras Government of the 1st October 1875, No. 2,837, it will be seen that the balance of Capital available was in September last reported to be Rupees 39,533, and this will be reduced to some extent before the close of the current year. On the other hand, it was understood that the Capital Account would receive some credit by the transfer of stores for use on Revenue Account. The above provision for Capital Expenditure may, it is thought, stand on condition that the actual balance on the 1st April next is reported as soon as possible after that date, and that a list of works to be carried on from the balance is at the same time submitted for approval.

4. The estimate of Revenue Expenditure amounts to Rupees 1,54,998 against Rupees 2,00,578 in 1875-76, and is made up of the following items :—

Share of General Management	...	...	...	...	...	...	...	...	RS. 40,572
Conservancy Staff, &c., Upper Division	...	...	...	...	...	...	...	...	38,460
Do. do. Lower do.	...	...	...	...	...	...	...	...	41,016
Repairs to Main Canal	...	...	...	...	...	...	...	...	25,800
to Distribution Works	...	...	...	...	...	...	...	...	8,000
" to Buildings	...	...	...	...	...	...	...	...	1,500
" to Telegraph	...	...	...	...	...	...	...	...	250
Total									1,55,598

5. The framing of an estimate of Revenue Receipts has always presented considerable difficulties. The introduction of new rules, offering irrigation on more favorable terms, has as yet had no marked effect upon the extent of the irrigation, and the increase of area in 1874-75 will not, so far as is known, compensate for the reduction in rates. The Chief Engineer and Manager estimates the acreage in

Appendix E.

1875-76 at 16,716, that of 1873-74 being 15,299. For 1876-77 the area is shown

*Proceedings of the Madras Government, Public Works Department,
18th December 1875.*

as 25,175. If 20,000 acres and 75,000 Rupees be taken for 1876-77 the estimate may be reached, but it is hardly likely to be exceeded. The annual revenue statement for the Kurnool District for 1874-75 not having yet been received from the Collector, the information for that year is incomplete. In Cuddapah the irrigation of that and the preceding year was as follows:—

	1873-74.	1874-75.
Area Acres	6,381	6,115
Revenue Rupees	25,006	18,035

6. The only alteration made in the estimates as received from the Madras Irrigation and Canal Company's Chief Engineer, are the omission of a provision of Rupees 500 for bankers' uniforms, with reference to G.O., No. 2,974, 18th October 1875, and a correction of a clerical error in the estimate of expenditure on Revenue Account.

MADRAS IRRIGATION AND CANAL COMPANY.

*Budget Estimate of Establishments of the Chief Engineer's and Manager's Office
for 1876-77.*

NUMBERS.		Particulars.	Rate of Salary.	ESTIMATE FOR 1876-77.			ESTIMATE FOR 1875-76.
1875-76.	1876-77.			Per Mensem.	Per Annum.	Total.	
		<i>General Management.</i>	RS.	RS.	RS.	RS.	RS.
1	1	Chief Engineer and Manager ...	2,500	2,500	30,000	...	30,000
1	1	Chief Accountant ...	300	300	3,600	...	9,600
15	15	Clerks from Rs. 12 to 130 ...	...	827	9,924	...	10,080
3	1	Draughtsman ...	...	40	480	...	888
20	27	Moochees and other servants ...	...	176½	2,118	...	1,680
		<i>Travelling Allowances.</i>					
		Chief Engineer and Manager ...	...	200	2,400	...	2,400
		Contingencies ...	...	291½	3,000	...	5,500
		Other allowances ...	...	...	...	...	360
		Total ...		4,335½	51,522	*51,522	60,508

N.B.—Capital Rupees	...	...	...	...	...	...	10,350*
Revenue "	...	...	...	...	...	...	40,572
							51,522

Particulars of the charges to be met from the sum of Rupees 3,000 entered under the head "Contingencies" and included in the above noted estimate:—

	RS.	A.	P.
Postage and Telegram	300	0	0
Stationery for Chief Engineer's and Manager's Offices	550	0	0
Oil, matches, wicks, for office use	60	0	0
Medical stores and expenses	550	0	0
Tapal bags and repairs to do.	50	0	0
Delivery ticket (Postal)	24	0	0
Premium on Treasury Bills and Letters of Credit	600	0	0
Subscription to District Gazette	1	8	0
Revenue Plans and mounting do	330	0	0
House-rent and other items not specified	514	8	0
Total ...	3,000	0	0

*Proceedings of the Madras Government, Public Works Department,
18th December 1875.*

Estimated Expenditure from Guaranteed and Loan Capital of the Madras Irrigation and Canal Company for 1876-77.

Items.	Estimate for 1876-77.	Budget Estimate for 1876-76.	Regular Estimate for 1875-76.
	RS.	RS.	RS.
Main Canal	28,950	39,080	12,061
Distribution	3,000	3,860	1,850
Buildings	900	2,000	700
Establishment	10,950	14,780	7,209
Electric Telegraph	...	100	...
Alteration of Calingulahs	...	...	7,000
	43,800	59,820	28,820

*Proceedings of the Madras Government, Public Works Department,
18th December 1875.*

Signed) C. DAWSON,
for Acting Chief Accountant, &c.

KURNOOL,
27th September 1875.

*Proceedings of the Madras Government, Public Works Department,
18th December 1875.*

(Signed) A. J. DODSON,
Manager and Acting Chief Engineer.

(Signed) C. DAWSON,
for Acting Chief Accountant, &c.

KURNOOL,
September 1875.

Public Works Department,
375.

establishments for 1876-77.

Budget Estimate of Area of

equired in 1876-77.

Proceedings of the Madras Government, Public Works Department,
18th December 1875.

Budget Estimate of Irrigation for the year 1876-77.

Position.	Areas com- manded.	Areas supplied in 1875-76.	Areas to be sup- plied in 1876-77.
<i>Upper Division.</i>			
1st Section	ACRES.	ACRES.	ACRES.
2nd do.	1,935	755	1,160
3rd do.	1,080	510	900
4th do.	3,726	253	1,000
5th do.	26,906	1,440	3,000
6th do.	10,332	1,081	2,000
	58,951	1,339	3,000
<i>Lower Division.</i>			
7th Section	28,800	445	500
8th do.	89,600	3,800	4,750
9th do.	13,600	4,492	5,615
10th do.	5,600	2,600	3,250
Total	2,40,530	16,716	25,175

KURNOOL,
27th September 1875.

(Signed) A. J. DODSON,

Manager and Acting Chief Engineer.

(Signed) G. DAWSON,
for Acting Chief Accountant, &c.

Nos. 302 & 303. ORDER THEREON, 18th December 1875, No. 3,549.

IRRIGATION, No. 17.
Account.

WITH the foregoing letter the Chief Engineer for Irrigation submits the Regular Estimate of the Madras Irrigation and Canal Company for the year 1875-76 and the Budget Estimate for 1876-77.

2. The estimate of State expenditure is as follows:—

	RS.
Establishment	6,508
Compensation for land	4,000
Excess of working expenses over gross receipts	80,598
Total	91,106

The charges on account of establishment are the same as for the current year. The provision for land compensation is Rupees 500 less than for the current year.

3. The area of irrigation and the revenue of the year 1874-75 are not known, but there appears to be no probability of an advance in the revenue, and it is doubtful whether in 1875 the extension of area will compensate for the reduction of the rates charged for irrigation. Under these circumstances, the Chief Engineer for Irrigation has considered it necessary to reduce the estimate of area for 1876-77 from 25,175 to 20,000 acres, and he has shown the revenue at 75,000 Rupees. There are confessedly no reliable data, and the estimate be fulfilled the deficit for the year will be Rupees 80,598.

Proceedings of the Madras Government, Public Works Department,
18th December 1875.

4. The estimate of expenditure on Capital works by the Chief Engineer and Manager will be reduced to show in due course the balance which may be available on the 1st April next.

(True Estimate)

amount is provisionally approved, and to show in due course the balance of works to be carried out therefrom.

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

To the Chief Engineer and Manager of the Madras Irrigation and Canal Company.
" Accountant-General.
" Chief Engineer for Irrigation.
" Revenue Department. ✓

J. W. Lewis

19 February 75 No 301 Min

Revenue 1875 Department

No 4958

Govt. of Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER AND MANAGER
OF THE MADRAS I. & C. Co.
&c., &c.,

Dated December 1875.

Issued

Recd. 31st Decr

Encl.

G. O. 1875 December 1875, No. 3549.

Dr. Mrs

81-

*Copy sent to
21/1/76*

DECEMBER

Nos. 301-303

Budget Estimate of the Madras Irrigation
and Canal Company for 1876-77.—Passing
orders on the —, submitted by the Chief
Engineer for Irrigation.

No 29

Comm. to the

Board of Revenue

in Ld. O. Board of Revenue 27 Jan 76

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS