M.R.O. 1—32,000—15-10-28.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No.	3156	Press ~~Mis.~~
294-295 Dated	18-12-1868	

Not to be folded or roughly handled

25-1-29

Proceedings of the Madras Government, Revenue Department,
18th December 1868.

No. 294. Read the following Proceedings of the Madras Government in the Public Works Department:—

Passing orders on the letter from the Consulting Engineer, Madras Irrigation and Canal Company submitting the Budget-Estimates of expenditure from State funds and from Guaranteed and Loan Capital during the year 1869-70. (Here enter 9th December 1868, No. 3,831.)

No. 295. ORDER THEREON, 18th December 1868, No. 3,156.

Irrigation, No. 8. Communicated to the Revenue Board.

(True Extract.)

(Signed) F. BRANDT,
Under Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 3,831.

Exd. S. T. Augustin.

Govt. of {1868} Madras.

REVENUE.

To

THE BOARD OF REVENUE.

Dated December, 18th.

Read.

G. O., 18th December 1868, No. 3,156.

DECEMBER.

Nos. 294-295.

Irrigation Company's Budget of expenditure during 1869-70.—Order in the Public Works Department regarding its transmission to the Government of India, communicated to Revenue Board.

No. 189. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Public Works Department, dated Madras, 4th November 1868, No. 83 :—

1. I have the honor to forward the Budget Statements as per margin* for the year 1869-70; their submission has been delayed to enable me to obtain, from the Chief Engineer of the Madras Irrigation and Canal Company, the details which were called for by the Government of India in their Order printed in the Proceedings of the Madras Government of the 4th March 1868, No. 722.

* Part VI. Appendix C. and Statements Nos. 1 to 4, received from Agent.

2. My statements have been prepared upon the information furnished by the Chief Engineer, and a few remarks may be necessary. Under *Construction Main Supply*, Rupees 14,600 are entered as the probable expenditure from July 1st, 1868, to 31st March, 1869, on the 2nd Section, miles 18 to 32, and Rupees 21,300 as the estimated expenditure of 1869-70. I do not think, however, that these expenditures will suffice to place the canal in these miles in a permanently efficient state. Under *Construction Distribution* it will be observed that, against the proposed expenditure of next year, there is at present but a small amount sanctioned. Estimates are, however, under preparation. It will be seen from the Estimate of Irrigation, that it is not expected that distribution channels, below the 1st sub-division of the 4th Section, will be ready in time for the irrigation of next season. I cannot, at present, form an opinion as to the progress likely to be made on distribution works next year, and, therefore, the Chief Engineer's return conveys the best information available.

3. The Chief Engineer estimates that the *area of land* required in the Kurnool District for distribution channels will be 1,358 acres, and for the same purpose, in the Cuddapah District, 714 acres. For sundry purposes the estimated area in Kurnool is 125 acres, and in Cuddapah 150 acres. Mr. Latham's estimate, however, does not include any areas, for the Main Canal, and I find that in the Kurnool District about 26 acres will remain to be provided, and in the Cuddapah District 200 acres, making a total of 1,509 acres in Kurnool, and 1,064 acres in Cuddapah. The amount for compensation has been entered in my statement for these areas at an average of Rupees 12 per acre for Kurnool, and Rupees 17, for Cuddapah. The average price paid in each district for lands taken up prior to and during the current year is shown in the margin.

	Area purchased.	Amount paid.	Average price.
Kurnool.			
Up to March 1868 ...	5,313	58,048	10
From April to July 1868	33	478	14
Cuddapah.			
Up to March 1868 ...	399	6,045	15
From April to July 1868	58	1,134	19

4. The Chief Engineer's Irrigation Estimate shows an area of 3,86,000 acres commanded by the main canal, and he estimates the area to be supplied in 1869-70 at 78,500 acres. It appears to me, however, very improbable that such a development of irrigation would take place in one year, even were all the necessary works ready in time. Looking, therefore, to the present state of the Main Canal, to which a great deal yet remains to be done, and to the very backward state of the distribution works, I think the most favorable estimate of the area to be irrigated, which can reasonably be made is as shown below, and it may be added that even this

reduced area will not be approached, unless water be sent down to the 72nd mile by about the 31st December next, and unless the whole of the seventy-two miles be got into proper working order before the 1st June 1869, and the distribution works be ready for at least twice this area by the same time:—

		Area commanded.	Area supplied this year.	Area to be supplied in 1869-70.
1st Section		2,500	1,000	1,800
2nd do.		6,500	500	2,000
3rd do.		11,500	100	2,500
4th do.	1st Sub-Division	14,000	.....	5,000
	2nd do.	7,500		
5th do.	N. Bowanassy	30,000	.....	2,000
6th do.	S. do.	12,000		
7th do.		1,00,000	.....	700
8th do.		50,000	.....	...
9th do.		50,000	.....	...
10th do.		1,00,000	.....	1,500
		2,000	.....	500
				16,000

The returns received in this office, from the Collector of Kurnool, up to the month of September 1868, show acres 885·28 as the area for which irrigation had been asked.

The areas commanded, as entered in the statement,* are not reliable as regards the 6th, 7th, 8th, and 9th Sections, and the main canal will, in these sections, when finished, carry water enough for only about 1,02,500 acres, instead of the 3,00,000 shown as commanded.

* Chief Engineer's.

I have put the gross receipts of Revenue as 16,000 acres at 6 Rupees ... ... Rs. 96,000
Kurnool Town supply 3,000
99,000

5. The estimated expenditure from Revenue, or, in other words, the working expenses, are put by the Chief Engineer at Rupees 23,334. This may be allowed, I think, to stand, though probably there will be no charges against Revenue in several of the sections enumerated.

6. With regard to the establishment of this office, and to the contemplated alterations in the audit arrangements, I have not as yet been placed in possession of information as to the cost of the staff of Accountants which the Examiner will be likely to require. I can spare one of the two Accountants, and there are two vacant writerships which can also be made available, so that Rupees 80 of the cost of the Examiner's establishment can be met from the existing sanction. The proposed arrangements will of course be reported on as soon as possible, but I have mentioned this point here in case it should be desired to make any entry in the Budget, in anticipation of the orders of Government upon the arrangements, as a whole.

Proceedings Madras Government, No. 2,801, dated 2nd September 1868.

Proceedings of the Madras Government, Public Works Department, 9th December 1868.

7. I would also request sanction for an increase of Rupees 10 a month to the salary of the first Draughtsman in my office, from the commencement of the next official year. He has now been in this office for eight and a half years, on a salary of Rupees 50; he is well acquainted with his work, which he does in an attentive and efficient manner, and it would be inconvenient were he to seek for promotion elsewhere. The supply of competent Draughtsman is by no means equal to the demand, and it is more than probable that, were this man to quit my office, there would be much difficulty and delay in supplying his place, and it is of importance that there should be no delay in disposing of the business of this office with the Company.

8. The present expenditure monthly from Guaranteed Capital, which alone is drawn in India, is about Rupees 4,500; therefore, if the present arrangement of drawing Loan Capital in England be continued, the sum which will be drawn from Government in India next year will not exceed 55,000 Rupees.

PART VI.

Detail of Estimate of State expenditure on account of the operations of the Madras Irrigation and Canal Company for the year 1869-70.

ABSTRACT.

		Rs.
I.	Establishment	29,000
II.	Purchase of land	36,000
	Total ...	65,000

I.—CONTROLLING ESTABLISHMENT.

Number.		Particulars.	Salary of office.	Estimate of 1869-70.			Estimate 1868-69.
1868-69.	1869-70.			Per mensem.	Per annum.	Total.	Charges per annum.
		Consulting Engineer for the Madras Irrigation and Canal Company.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1	Consulting Engineer	1,000	1,000	12,000	...	16,248
...	..	Military allowance as Captain of Engineers, including Presidency House-rent...	354	354	4,248		
1	1	Manager	225	225	2,700		
1	1	Head Accountant	70	70	840		
1	1	Assistant do.	35	35	420		
1	1	Head Writer	50	50	600		
1	1	Writer	25	25	300		
1	1	Do.	20	20	240		
1	1	Draughtsman and Estimator	50	50	600	...	7,254
1	1	Do.	40	40	480		
1	1	Record-keeper	50	50	600		
1	1	Moochee	10½	10½	126		
2	2	Peons	7	14	168		
2	2	Do.	6	12	144		
1	1	Sweeper	3	3	36		
16	16					23,502	23,502
		Travelling allowance and batta for Office Establishment	...	...	...	2,570	2,570
		Office expenses and contingencies	...	...	...	1,200	1,200
		Total of Consulting Engineer's Department ...	...	...	...	27,272	27,272

Proceedings of the Madras Government, Public Works Department, 9th December 1868.

Detail of Estimate of State expenditure on account of the operations of the Madras Irrigation and Canal Company for the year 1869-70.—(Continued.)

Number.		Particulars.	Salary of office.	Estimate of 1869-70.			Estimate 1868-69.
1868-69.	1869-70.			Per mensem.	Per annum.	Total.	Charges per annum.
		Establishment engaged in making over land.	Rs.	Rs.	Rs.	Rs.	Rs.
		Cuddapah.					
1	1	Surveyor	120	120	1,440	...	...
4	4	Lascars	6	24	228	...	...
		Total Cuddapah ...	...	...	...	1,728	1,728
		Kurnool.	...	...	...	...	...
		Nil.					
		Nellore.	...	...	...	...	...
		Nil.					
		Grand Total of the Controlling Establishment ...	...	...	...	29,000	29,000

Detail of Estimate of State expenditure on account of the operations of the Madras Irrigation and Canal Company for the year 1869-70.—(Concluded.)

II.—PURCHASE OF LAND.

Number of Item.	Particulars.	Amount of Estimate.	Computed payments to 31st March 1869.	Estimate 1869-70.
			Rs.	Rs.
	Kurnool.			
	Main Supply.			
	Canal, 8th Section	Not estimated for; the Land Registers and Bills are sanctioned by Government from time to time prior to the transfer of the land.	65,000	312
	Distribution.			
	Do. 1st Section	Do.		216
	Do. 2nd do.	Do.		480
	Do. 3rd do.	Do.		960
	Do. 4th do.	Do.		1,800
	Do. 5th do.	Do.		3,480
	Do. 6th do.	Do.		8,400
	Do. 7th do.	Do.		480
	Do. 8th do.	Do.		480
	Do. Sundry purposes ...	Do.		1,500
	Total for Kurnool ...	.....	65,000	18,108
	Cuddapah			
	Main Supply.			
	Canal, 8th Section	Do.		1,275
	Do. 9th do.	Do.		2,125
	Distribution.			
	9th Section	Do.	20,000	11,900
	10th do.	Do.		238
	Sundry purposes ...	Do.		2,364
	Total of Cuddapah ...	.....	20,000	17,892
	Grand Total for Kurnool and Cuddapah ...	.....	85,000	36,000

Colonel, R. E.,
Secretary to Government.

MADRAS,
9th December 1868.

Proceedings of the Madras Government, Public Works Department, 9th December 1868.

APPENDIX C.

Estimated expenditure from Guaranteed and Loan Capital of the Madras Irrigation and Canal Company for 1869-70.

Items.	1869-70.	1868-69.
Main Canal	14,47,750	
Distribution Channels	3,20,800	22,00,000	16,60,000
Establishments..	4,00,000	
Electric Telegraph	31,450	
Total outlay...	22,00,000	16,60,000
Estimated receipts from sale of Stores, &c., to be credited to Capital.	.....	.....
Total receipts...	.....	.....
Net outlay...	22,00,000	16,60,000

REVENUE ACCOUNT.

	Gross Earnings.		Working Expenses.		Net Revenue.		Per-centage of Working Expenses.	
	1869-70.	1868-69.	1869-70.	1868-69.	1869-70.	1868-69.	1869-70.	1868-69.
Main Canal from Soonkasala to the Pennair	99,000	8,000	23,334	2,500	75,666	5,500	23·57	31·25

* No Revenue Accounts have been opened as yet. The amount shown is the sum that will be debitable to Revenue eventually, though at present charged in the Capital Account.

Colonel, R. E.,
Secretary to Government.

MADRAS,
9th December 1868.

No. 1.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget-Estimate of the expenditure required on the Construction account in 1869-70.

Names of work.	Amount of sanctioned estimate.	Actual expenditure up to 30th June 1868.	Anticipated expenditure from 1st July 1868 to 31st March 1869.	Total of columns 3 and 4.	Probable expenditure for 1869-70.	Remarks.
1	2	3	4	5	6	7
Main Supply.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Anicut and head works at Kurnool...	3,03,080 0 0	60,326 7 8	.....	60,326 7 8	.....	Abandoned.—(Initialed J. M.)
Do. do. at Soonkasala ...	4,30,112 0 0	4,53,573 10 0	.....	4,53,573 10 0	.....	Excess expenditure Rupees 23,461-10-0.
Do. do. at Somaiswaram	1,71,727 1 7	71,213 9 0	.....	71,213 9 0	.....	
Do. do. at Adimapully...	3,00,500 0 0	.....	68,250 0 0	68,250 0 0	1,93,140 0 0	
Aqueduct across the river Hindry ...	2,46,029 8 0	2,73,385 3 0	.....	2,73,385 0 0	.....	Do. do. Rs. 27,355-11-0.
Canal for one mile from the head sluice of the Kurnool anicut.	65,000 0 0	49,284 8 3	.....	49,284 8 3	.....	Abandoned.—(Initialed J. M.)
South Main Canal, 1st Section, 17¼ miles.	10,53,857 0 0	9,56,944 3 4	15,600 0 0	9,72,544 3 4	22,700 0 0	
Do. 2nd do. 18 to 32 miles.	18,00,150 0 0	17,39,424 5 2	14,600 0 0	17,54,024 5 2	21,300 0 0	
Do. 3rd do. 33 to 43 do.	9,58,000 0 0	8,35,662 4 7	9,200 0 0	8,44,862 4 7	13,300 0 0	
Do. 4th do. 44 to 60 do.	11,81,704 0 0	8,99,069 0 10	15,600 0 0	9,14,669 0 10	22,700 0 0	
Do. 5th do. 61 to 72 do.	*7,47,209 0 0	7,08,094 8 6	11,000 0 0	7,19,094 8 6	16,000 0 0	* Includes the amount of an advance, Rs. 33,664.
Do. 6th do. 73 to 91 do.	†8,01,889 0 0	3,52,549 9 2	2,90,100 0 0	6,42,649 9 2	1,59,240 0 0	† Includes amount of an advance, Rupees 6,015, and the Supplemental estimate as per Executive Engineer's figures.
Do. 7th do. 92 to 114 do.	‡7,14,493 0 0	2,83,222 2 7	2,47,500 0 0	5,30,722 2 7	1,83,770 0 0	‡ Includes the amount of Supplemental estimate, Rupees 2,3[illegible],560, and is partially sanctioned.
Do. 8th do. 115 to 143 do.	§8,83,142 0 0	2,71,627 12 0	1,70,700 0 0	4,42,327 12 0	2,40,000 0 0	§ Includes the amount of Supplemental estimate for masonry works, as per Executive Engineer's figures, which is under examination.
Do. 9th do. 144 to 178 do.	9,45,837 0 0	1,40,897 0 8	3,49,800 0 0	4,90,697 0 8	4,55,140 0 0	
Do. 10th do. 179 to 186 do.	1,92,450 0 0	3,735 15 2	68,250 0 0	71,985 15 2	1,20,460 0 0	
Total ...	107,95,173 9 7	70,99,010 3 11	12,60,600 0 0	83,59,610 3 11	14,47,750 0 0	

Budget-Estimate of the expenditure required on the Construction account in 1869-70.—(Continued)

Names of work.	Amount of sanctioned estimate.	Actual expenditure up to 30th June 1868.	Anticipated expenditure from 1st July 1868 to 31st March 1869.	Total of columns 3 and 4.	Probable expenditure for 1869-70.	Remarks.
1	2	3	4	5	6	7
Distribution.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Branch channel and sluice of 1st Section.	6,680 15 5	4,084 6 2	2,596 9 3	6,680 15 5	.....	
Distribution works of the 2nd do...	6,000 0 0	4,405 0 11	1,594 15 1	6,000 0 0	.....	
Do do. 3rd do...	9,320 0 0	4,261 6 5	5,058 9 7	9,320 0 0	.....	
Do. do. 4th do...	28,929 0 0	6,812 12 4	8,000 0 0	11,812 12 4	24,800 0 0	
Constructing a bund across the Canal in 45th mile, 4th Section.	76 0 0	72 12 6	.....	72 12 6	.....	
Distribution works of the 5th Section.	4,000 0 0	.....	.....	.....	66,000 0 0	Approximately estimated.
Do. do. 6th do...	10,000 0 0	2,840 7 8	.....	2,840 7 8	1,00,000 0 0	
Do. do. 7th do...	.....	.....	.....	.....	25,000 0 0	
Do. do. 8th do...	.....	.....	.....	.....	45,000 0 0	
Do. do. 9th do ..	15,125 0 0	.....	.....	.....	60,000 0 0	
Do. do. Soonkasala...	*1,141 0 0	925 2 6	.....	925 2 6	.....	* Estimate submitted on the 25th January 1867, No. 832, and is not yet sanctioned.
Kurnool Town water supply ...	1,699 0 7	1,382 8 7	.....	1,382 8 7	.....	
Total ...	82,971 0 0	24,784 9 1	17,250 1 11	42,034 11 0	3,20,800 0 0	
Buildings.						
Central Hospital with out-houses and compound wall at Kurnool.	5,050 0 0	4,449 9 10	.....	4,449 9 10	.....	
Repairs to do. do	68 0 0	60 0 0	.....	60 0 0	.....	
Overseers' hut at Kurnool	1,244 13 3	.....	.....	.....	.....	
Office and store house and workshop at Soonkasala.	5,947 0 0	5,978 12 8	.....	5,978 12 8	.....	
Powder Magazine Store and Station roads at Bowanassy.	4,359 5 9	4,359 5 9	.....	4,359 5 9	.....	
Office and Store room and Artificers' shed at Bowanassy.	7,297 8 5	7,522 9 0	.....	7,522 9 0	.....	
Repairing the above buildings at do.	648 0 0					
Improvement of road approaching to the above buildings, and repairing culvert at do.	578 0 0	317 14 0	.....	317 14 0	.....	

Names of work.	Amount of sanctioned estimate.	Actual expenditure up to 30th June 1868.	Anticipated expenditure from 1st July 1868 to 31st March 1869.	Total of columns 3 and 4.	Probable expenditure for 1869-70.	Remarks.
1	2	3	4	5	6	7
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Converting the unfinished building intended for a Gun-Powder Manufactory into a Hospital at do.	427 0 0	19 2 2	.....	19 2 2	.....	Excess expenditure Rs. 3,150-6-10
Office and store building at Valapanoor in the Bowanassy Division.	1,970 0 0	5,120 6 10	.....	5,120 6 10	.....	
Do. do. at Jupad in the Nagatoor Division.	4,123 0 0	4,673 2 1	.....	4,673 2 1	.....	Do. ,, 550-2-1.
Do. do. at Puggydial do.	3,977 7 7	3,833 1 11	.....	3,833 1 11	.....	
Do. do. at Chintagoontah in Kundar Division.	5,293 0 0	5,102 12 7	.....	5,102 12 7	.....	
Office and temporary store shed at Ayalur in do.	642 0 0	67 6 0	.....	67 6 0	.....	
Quarters for Sub-Assistant Engineers and Assistant Surveyor do.	1,236 0 0	561 4 10	.....	561 4 10	.....	
Repairs to Anicut Office at Zorapoor.	327 0 0	307 12 0	.....	307 12 0	.....	
Office, Store, and Workshop at Kurnool.	30,612 0 0	14,032 10 3	.....	14,032 10 3	.....	
Iron and Brass Foundry at do. ...	15,327 15 4	15,167 8 7	.....	15,167 8 7	.....	
Room for receiving and despatching stores at do.						
Engineer's bungalow at Dhoor ...	4,750 0 0	4,764 16 7	.....	4,764 16 7	.....	
Division office at Adimapully ...	1,880 0 0	1,888 8 8	.....	1,888 8 8	.....	
Total ...	95,748 2 4	78,226 9 9	.....	78,226 9 9	.....	
Line of Telegraph from Soonkasala to Cuddapah.	49,440 0 0	17,989 14 5	.....	17,989 14 5	31,450 0 0	
Grand Total ...	1,10,23,332 11 11	72,20,011 5 2	12,77,850 1 11	84,97,861 7 1	18,00,000 0 0	

KURNOOL,
27th October 1868.

(True Copy.)

(signed) J. H. LATHAM,
Chief Engineer.

(Signed) J. MULLINS, Captain, R.E.,
Consg. Engr. for Irrigation and Canal Company.

No. II.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget-Estimate of Area of land required in 1869-70.

Names of works for which land is required.	Area of land under Class A.	B.	C.	D.	Remarks.
	Acres.				
For Distribution Channels 1st Section, Main Canal ...	18				NOTE.—The areas of distribution channels have been calculated on the basis of the 4th Section, 1st Part, where 14,000 acres irrigated require 100 acres for channels. The following are the estimated areas commanded:—
Do. 2nd do. ...	40				
Do. 3rd do. ...	80				
Do. 4th 1st Part ...	100				
Do. 4th 2nd do. ...	50				
Do. 5th North Bowanassy ...	200				
Do. 5th South do. ...	90				
Do. 6th Section ...	700				
Do. 7th do.	40				
Do. 8th do.	40				
Do. 9th do.	700				
Do. 10th do.	14				
For side cutting, quarries, or temporary huts—					
6th Section	...	...	25	...	
7th do.	...	...	25	...	
8th do.	...	50	25	...	
9th do.	...	50	75	...	
10th do.	...	...	25	...	

Acres.

1st Sec.	2,500	6th Sec.	1,00,000
2nd do.	6,500	7th do.	50,000
3rd do.	11,500	8th do.	50,000
4th do.	14,000	9th do.	1,00,000
	7,500	10th do.	2,000
5th do.	30,000		
	12,000	Total	3,86,000

These areas are merely guesses, and are entered to reserve to the Company the power to apply for land in case opposition is met with on the part of villagers to allow their quarries being worked by the Company.

No. III.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget-Estimate of the Expenditure on the Revenue Account in 1869-70.

Items.	Amount.	Total of each head.	Remarks.
	Rs.	Rs.	
Proportion or share of charges for General Management	4,000	4,000	
Main supply.			
Repairs of Soonkasala Anicut ...	3,500		Including ring bund and breach repairs.
Do. of Hindry Aqueduct ...	Nil.		
Do. of Main Canal, 1st Section ...	1,470		
Do. of do. 2nd do. ...	1,260		
Do. of do. 3rd do. ...	1,092		
Do. of do. 4th do. ...	1,428		
Do. of do. 5th do. ...	1,008		Line men at Rupees 7 per month per mile.
Do. of do. 6th do. ...	1,596		
Do. of do 7th do. ...	1,932		
Do. of do. 8th do. ...	2,436		
Do. of do. 9th do. ...	2,940		
Do. of do. 10th do. ...	672		
		19,334	
Distribution.			
Under 1st Section, Main Canal... ...			
Do. 2nd do. do.			
Do. 3rd do. do.			Irrigation only lasting for six months, it is expected that the above will cover distribution.
Do. 4th do. do. 1st Sub-Division.			
Do. 4th do. do. 2nd do.	Nil.		
Do. 5th do. do. North Bowanassy.			
Do. 5th do. do. South do.			
&c., &c., &c.,			
Buildings			
Storage			
Total Rupees...	.....	23,334	

KURNOOL,
27th October 1868.

(True Copy.)

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

(Signed) J. MULLINS, Captain, R. E.,
Consg. Engr. for Irrigation and Canal Company.

PART IV.

MADRAS IRRIGATION AND CANAL COMPANY.

Budget-Estimate of Irrigation for the year 1869-70.

Position.	Areas commanded.	Areas supplied in 1868-69.	Area to be supplied in 1869-70.	Remarks.
	RS.	RS.	RS.	
1st Section	2,500	1,000	2,500	Works will be completed in time for next admission of water.
2nd do.	6,500	500	6,500	Do. do. do.
3rd do.	11,500	100	11,500	Do. do. do.
4th do. { 1st Sub-Division ...	14,000	.....	14,000	Do. do. do.
{ 2nd do. ...	7,500	.....	5,000	
5th do. { North Bowanassy ...	30,000	.....	10,000	
{ South do. ...	12,000	.....	2,000	The surveys are in hand, but the works will not be complete by March 1870.
6th do.	1,00,000	.....	5,000	
7th do.	50,000	.....	12,000	
8th do.	50,000	.....	.....	
9th do.	1,00,000	.....	10,000	
10th do.	2,000	.....	.....	

KURNOOL,
27th October 1868.

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

(True Copy.)
(Signed) J. MULLINS, Captain R. E.,
Consg Engr. for Irrigation and Canal Company.

No. 190. ORDER THEREON, 9th December 1868, No. 3,831.

IRRIGATION, No. 9.

1. With this letter the Consulting Engineer for the Madras Irrigation and Canal Company submits the Budget Estimates of expenditure from State funds and from Guaranteed and Loan Capital during the year 1869-70.

2. The Budget of State outlay on establishments amounts to Rupees 29,000, which is in accordance with the sanctioned scale. The Consulting Engineer will submit a separate application in due course for the proposed increase to the salary of his Head Draughtsman, but the Government do not consider it necessary to make any special provision in the Budget on this account, and they have ascertained from the Controller that the introduction of the new system of audit referred to in paragraph 6 of Captain Mullins' letter is not likely to entail any additional expense under the head of "Establishments."

3. The estimate for compensation for land amounts in round numbers to Rupees 36,000, and appears to have been prepared upon the best data that could be procured.

4. The total estimated outlay from Guaranteed and Loan Capital amounts to Rupees 22,00,000, which, under the circumstances explained in paragraph 2, will be allowed to stand.

5. The estimated gross receipts of Revenue amount to Rupees 99,000. For the reasons detailed in paragraph 4, this sum may be accepted.

6. With these remarks the Budget Estimates will be forwarded to the Government of India with reference to the Proceedings of the Right Honorable the Governor General in Council, No. 16 A. I. of the 10th February 1868.

(Here enter No. 3,832, dated 9th December 1868.)

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for the Madras Irrigation and Canal Company.
" Manager for do. do.
" Controller of Public Works Accounts.
" Accountant General.
" Revenue Department.

8

W-3156.
Comm^r. to the
Revenue Board -

18th Decem^r 68

Exd. S. T. Augustin.

16 Copies to the B^d of Revenue Pro Pro No 3831, Dec^r 68

18 April 68 Nos 407-408

Perennie Dept.

No. 3868

Govt. of {1868} Madras.

PUBLIC WORKS.

To

THE CONSULTING ENGINEER FOR
THE MADRAS IRRIGATION AND
CANAL COMPANY.
&c., &c., &c.

Dated December, 9th.

Recd. 12th -

Encl.

G. O., 9th December 1868, No. 3,831.

DECEMBER.
Nos. 189-190

No 3136 - 18 Dec

Budget (Madras Irrigation and Canal Company).—Passing orders on the letter from the Consulting Engineer, submitting the Budget Estimates of expenditure from State funds and from Guaranteed and Loan Capital during the year 1869-70.

294-295

Both Order