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MADRAS RECORD OFFICE

Government of Madras

Public works. DEPARTMENT

G.O. No. 961—962 Press
~~B.P. No.~~ Mis.
661- 668

Dated 28. 3- 1848.

Not to be folded or roughly handled

No. 661. Read the following letter from the Secretary to the Government of India, Public Works Department, (Account—Irrigation,) to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 11th January 1873, No. 10 A. I.:—

I AM directed to acknowledge receipt of your letter No. 2,408, dated 14th October 1872, forwarding the Revenue Account of the Madras Irrigation and Canal Company for the half-year ending 31st December 1871, and, in reply, to state as follows:—

2. Reviewing the operation of the Company from the period its works were first brought into operation, the results are shown to be as follows:—

	Revenue Account.				Charge to the State.		
	Receipts.	Expense.	Difference.		For Guaranteed Interest.	For outlay on Capital and Fund.	Total.
			Profit.	Loss.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Accumulated charge to end of 1863-64 ...	...	...	...	...	13,27,690	1,60,120	14,87,810
Half-year ending 31st December 1863 ...	...	1,168	...	1,168			
Year 1864	73	2,510	...	2,467	3,78,610	45,240	4,23,850
,, 1865	852	2,495	...	1,643	4,36,030	33,430	4,69,460
,, 1866	4,057	1,928	2,129		4,78,380	29,830	5,08,210
,, 1867	11,091	2,985	8,106	...	4,98,470	31,300	5,29,770
,, 1868	11,521	2,005	9,516	...	4,99,840	41,650	5,41,490
,, 1869	12,284	6,732	5,552	...	4,99,830	40,000	5,39,830
,, 1870	25,460	24,570	890	...	4,99,830	32,480	5,32,310
,, 1871	553	41,047	...	40,494	4,99,830	12,176	5,12,006
Total ..	65,891	85,470	...	19,579	51,18,510	4,26,226	55,44,736

3. Thus, on the whole, the working expenses to end of December 1871 have—

	Rs.
Exceeded the receipts by	19,579
The aggregate charges for Guaranteed interest for the same period have amounted to	51,18,510
And the State outlay on control and purchase of land to ...	4,26,226
So that the total expense to the State caused by the operations of the Company has been	55,64,315

4. The figures given in the preceding table show that the receipts for 1871 are remarkably small as compared with the receipts of preceding years; and on analysing the results the smallness of the receipts is found to be due to no amount having been brought to credit in 1871, as receipts on account of water rates. On this point attention is invited to the following abstract showing the items comprising the income brought to credit in the several half-yearly accounts from 1867:—

	Revenue Account.			Total.
	Water Rates.	Produce of Land.	Miscellaneous.	
	Rs.	Rs.	Rs.	Rs.
1867 1st Half-year	11,091	...	...	11,091
1867 2nd ,,	...	...	...	...
1868 1st ,,	10,323	1,130	...	11,453
1868 2nd ,,	...	...	68	68
1869 1st ,,	11,202	933	142	12,277
1869 2nd ,,	...	...	7	7
1870 1st ,,	10,584	868	145	11,597
1870 2nd ,,	8,691	1,127	4,045	13,863
1871 1st ,,	...	...	260	260
1871 2nd ,,	...	...	293	293

5. It is not understood why no receipts on account of water rates have been credited in the accounts of 1871, for the returns rendered by the Accountant-General, Madras, to the Accountant-General, Public Works Department, show that such receipts have amounted to Rupees 9,019-4-2. Explanation is, therefore, requested of the cause of the omission of this amount from the account, and to what cause the falling off in the income is due as compared with the receipts of 1870, in which year they aggregated Rupees 25,460.

6. While the receipts have thus fallen off, the working expenses have been considerably increased. On this point reference is requested to the following table:—

	Establishment.					Maintenance and Repairs.					
	Proportion of Agency Charges.	Establishment for Anicut.	Establishment for Works.	Establishment for Buildings.	Total.	To Works.	To Building.	To Anicut.	Total.	Compensation and Repairs.	Grand Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1869 1st half.	180	120	...	...	300	1,499	311	1,280	3,090	1,202	4,592
1869 2nd ,,	28	152	1,652	...	1,832	179	90	39	308	.....	2,140
1870 1st ,,	816	...	1,740	...	2,556	8,340	46	990	9,376	960	12,892
1870 2nd ,,	31	...	5,500	...	5,531	59	58	40	157	5,990	11,678
1871 1st ,,	228	...	7,868	...	8,096	973	25	.....	998	.....	9,094
1871 2nd ,,	282	...	30,810	...	31,092	861	.....	.....	861	.....	31,953

7. Thus it will be seen that it is in the item of Establishments that the large increase of charge has occurred; and I am therefore to ask that a statement may be furnished showing the items comprising the charge, and that it may be stated what the eventual outlay on this account is likely to be for the next few years.

8. I am also to inquire whether, in making up the Revenue Account of these canals, any debit has been made for cost of Government Establishments employed in collecting the revenue. As the Government of Madras is aware* the Company have agreed to pay for such charges, and it is, therefore, necessary to see that the demand for payment is made.

* *Vide* Public Works Department endorsement No. 216 A. I., dated 11th October 1869.

9. As the operations of the Company involve a large annual charge to the State, I am to add that the Government of India would be glad to receive from the Government of Madras a statement showing the probable annual income and probable annual charges on account of the works for the next few years as far as they can be guessed at.

No. 662. From the Agent and Manager of the Madras Irrigation and Canal Company, to the Chief Engineer for Irrigation and Joint Secretary to Government, dated Madras, 5th February 1873, No. 24.

I have the honour to acknowledge your letter No. 117 of the 29th ultimo, (delivered here yesterday evening) with enclosure of a letter from the Chief Secretary to the Government of India (Public Works Department), and to inform you in reply that the gross revenue from water of the season 1870-71 was Rupees 13,817-11-6, less remissions Rupees 5,990-5-9; and that, according to the usual practice, these amounts ought to have appeared in the Revenue Account for the half-year ending June 1871; but that under the ruling of the then Acting Examiner of Accounts (Mr. Walker) they were inserted in the account for December 1870. I pointed out that this was a departure from the usual practice; but that Officer stated that, as our seasons run from 1st July to 30th June, it was immaterial, as far as the accounts were concerned, in which half-year the revenue was taken to account, and he declined to re-consider his dictum.

Colonel Dickens' letter herewith enclosed.

2. The Examiner was right so far as our accounts are concerned; but if the calendar year be dealt with (*i. e.*, from January to December), as I presume has been done by the Government of India, the year 1871 will necessarily appear to have earned no revenue.

3. Our net revenue for the year 1871, would appear to have been as under—

	Rs.	A.	P.
Net proceeds of irrigation, etc., as per Form F	7,827	5	9
Miscellaneous revenue, June 1871	260	4	10
Do. do. Dec. ,, ...	293	6	0
Total ...	8,381	0	7

And I am unable to account for the difference between that amount and the amount which you say the Accountant General enters in his statement, Rupees 9,036-15-11. Possibly that officer deals with the collections and not with revenue actually earned.

4. With reference to paragraph 2, I have the pleasure to enclose an analysis of the several sums entered in the Revenue Accounts under the head of Establishment, which I hope is what you require.

5. Your request for information as to what "the eventual outlay on this account for future years is likely to be," I have referred to the Chief Engineer, who alone is in a position to frame an approximate estimate of that expenditure, and who will doubtless do what is necessary as promptly as possible.

MADRAS IRRIGATION AND CANAL COMPANY.

Analysis of Revenue Expenditure from January 1869 to December 1871.

		Rs. A. P.	Rs. A. P.	Rs. A. P.
Half-year ending 30th June 1869.				
Sluice-keepers		.....	119 3 6	
Proportion of General Management		.....	180 2 8	299 6 2
Half-year ending 31st December 1869.				
Soonkasala Anicut—Sluice-keepers		.....	152 0 0	
1st Section.	Writers	53 8 0		
	Signallers	30 0 0		
	Sluice-keepers	354 0 0		
	Bankers	1,214 13 3		
			1,652 5 3	
Proportion of General Management		... .	28 2 11	1,832 8 2
Half-year ending 30th June 1870.				
1st Section.	Writers	60 0 0		
	Signallers	67 8 0		
	Sluice-keepers	324 0 0		
	Bankers...	681 4 6		
	Silt excavation	75 2 8		
			1,207 15 2	
Telegraph Line—Signallers		.....	532 2 9	
Proportion of General Management		.....	816 7 6	2,556 9 5
Half-year ending 31st December 1870.				
1st Section.	Engineers	2,635 7 9		
	Surveyors, etc.	840 0 0		
	Writers...	85 0 0		
	Chainmen	226 1 0		
	Sluice-keepers	507 6 9		
	Signallers	181 9 6		
	Bankers...	786 8 4		
	Store and Store charges ...	13 9 1		
			5,275 10 5	
4th Section.	Surveyors, etc.	30 0 0		
	Signallers	82 0 3		
	Bankers	94 3 4		
			206 3 7	
Telegraph Line—Signallers		.....	17 8 0	
Proportion of General Management		.....	31 0 0	5,530 6 0
Half-year ending 30th June 1871.				
1st Section.	Engineers	3,914 8 4		
	Surveyors, etc.	1,198 5 1		
	Writers	278 11 4		
	Chainmen	217 1 0		
	Signallers	218 8 0		
	Sluice-keepers	335 4 7		
	Bankers...	801 9 4		
	Contingency	14 1 4		
			6,978 1 0	
4th Section.	Surveyors, etc....	254 0 0		
	Signallers	104 11 7		
	Bankers	529 13 6		
	Contingency	0 8 0		
			889 1 1	
Proportion of General Management		.....	228 5 10	8,095 7 11

Analysis of Revenue Expenditure from January 1869 to December 1871.—(Concluded.)

		Rs. A. P.	Rs. A. P.	Rs. A. P.
Half-year ending 31st December 1871.				
Upper Section.	Engineers	7,200 0 0		
	Surveyors, etc.	2,813 9 5		
	Writers...	497 1 6		
	Chainmen	406 9 2		
	Signallers	415 0 0		
	Sluice-keepers	395 3 2		
	Bankers	4,779 9 2		
	Contingency	182 11 5		
	Store and Store charges ...	27 12 10		
			16,717 8 8	
Lower Section.	Engineers	6,600 0 0		
	Surveyors, etc....	1,927 11 10		
	Writers	423 5 4		
	Chainmen	385 0 0		
	Signallers	150 0 0		
	Sluice-keepers	571 15 0		
	Bankers	3,780 4 0		
	Contingency	177 5 2		
	Store and Store charges ...	76 11 2		
			14,092 4 6	
Proportion of General Management		.....	282 5 1	
				31,092 2 3

10*th February* 1873. (Signed) C. A. BADHAM,
Acting Manager.

No. 663. ORDER THEREON, 28th March 1873, No. 961.

IRRIGATION, No. 29.

ORDERED that the following letter be sent:—

(Here enter No. 962, dated 28th March 1873.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation, with copy of letter to Government of India.

Exd. E. C. Shunker.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 28*th March* 1873.

No. 664.

No. 962.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

IRRIGATION, No. 30.

SIR,—I am directed to acknowledge the receipt of your letter No. 10 A. I., dated the 11th January last, and in reply to state that the great difference between the receipts or revenue obtained from the Madras Irrigation and Canal Company's Canal in 1870 and 1871, respectively, is due to the circumstance that, under instructions from the then Acting Examiner of Accounts, the revenue* of 1871 was included in the Revenue Account for the second half of 1870. The remissions granted in 1871 were also unusually heavy, and account for the falling off in the earnings of the canal, under water rates, during that year.

* Rupees 8,691.

2. With regard to the increase of charges against revenue, I am to forward an analysis of these from January 1869 to December 1871, and to observe that this increase is the result of the completion of the several sections of the canal, whereby the charges to Capital have become inconsiderable, while those to Revenue have been enhanced. The analysis shows that a considerable portion of the charges for Establishment, as for instance that for "Bankers," is for work done by men on monthly pay, by whom the ordinary repairs to the canal banks are executed.

3. As regards charges in the future, I am to say that the total of these, as provided for in the Budget of 1873-74, amounts to Rupees 1,74,200, and it is probable that about this amount will be required for some few years to come. Extension of irrigation would lead to some increase of charge; but, on the other hand, were the Company to find means to extend their scheme, the share of general management debitable to Revenue would be materially reduced.

4. With reference to the debit on account of the cost of establishments employed in collecting revenue, I am to say that this Government is of opinion that, until the necessity for incurring special or extra expenses by Government in relation to the supply of water or the collection of water rates under the Irrigation Company's works shall have arisen (which is not yet the case), the assent of the Company to the charge against them of such expenses cannot operate.

5. With regard to the income of the canal in the future, I am to observe that so much uncertainty exists as to prevent any information on this point that would be of any value being afforded. The canal is now in a position to supply water to a far larger area of land than is likely to be irrigated at present. Many causes have been suggested for the backwardness of the villagers in applying for water for irrigation, and the subject is engaging the anxious consideration of this Government, and all that may be possible will be done to endeavour to prevent this costly work from continuing to be a heavy charge to the State.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.

P.W.D.

No 24

Madras 2 Dec 1871

From

The Ag. Manager
M & S.W. Co

To

The Chief Engineer for Irrigation
and Secy to Govt.
Madras.

Sir,

I have the honor to acknowledge your letter No 117 of the 29 ult. delivered here yesterday evening with enclosure of a letter from the Chief Secy to the Govt of Madras P.W.D. dated and to inform you in reply that the Gross Revenue of the season 1870/71 was Rs 13.817. N. B less remissions Rupees 5990: 5: 9 and that according to the usual practice that amount ought to have appeared in the Revenue a/c for the half year ending June 1871 but that under the ruling of the then Ag. Examiner of accounts [Mr Wales] they were inserted in the a/c. for Dec 1870. I pointed out that this was a departure from the usual practice but that Office ruled that as our seasons run from 1 July to 30 June it was immaterial as far as the a/cs were concerned in which half year the Revenue was taken to account and he declined to reconsider his ruling.

The Examiner was right so far as our a/cs are concerned but if the Calendar year be dealt with [i.e. from January to Dec] as I presume has been done by the Government of Madras the

Gen

Several Dickens-
en hereunto
closed

year 1871 will necessarily appear to have earned
as Revenue.

Our net Revenue for the year 1871 would appear
to have been as under.

Net proceeds of Irrigation &c.
as G Form E 7827. 5. 9
Miscellaneous Receipts &c. 1871. 260. 4. 10
Do Do ..... 293. 6. .
Rs 8381. .. 7

and I am unable to account for the difference between
that amount and the amount which you say the
Accountant General enters in his Statement
Rs 9036. 15. 11. Possibly that Officer deals with
the collections and not with Revenue actually earned.

4. With reference to para 2 I have the pleasure
to enclose an Analysis of the several items entered
in the Revenue Accts under the head of Establishment,
which I hope is what you require.

Your request for information as to what
the country at large will lay out on this account for future
years is likely to be I have referred to the
Chief Engineer who alone is in a position
to frame an approximate estimate of that
Expenditure and who will doubtless do
what is necessary as promptly as possible.

I have the honor to be
Sir
Your most Obt Servt

H Bell

Dy manager.

J.P.D.

No 961 P.W.D. 13

Proceedings of the Madras Government

Read the following

From

The Govt of India (H.S. dtd 10 No. 3 11th Jany 73)
: Agent & Manager, (in No. 24 of 5 Feb 73)
No. 8 to 3

Ordered that the
following letter be sent

To the Chief Engr for Irrigation
Trichinopoly

Dated 14 Feb.

No. 962

The Secretary to the Govt
of India P.W.D.

Sir

I am directed to acknowledge the receipt of
your letter No 10 A.S. dated
the 11th January last and
in reply to state that
the great difference be-
tween the receipts & Re-
venue obtained from the
Periyar Irrigation Canal in 1870
Company's Canal in 1870
and 1871, respectively, is due
to the circumstance that,
under instructions from the
then Acting Examiner
of Accounts, the revenue
of 1871 was included in
the

R 0691

the Revenue account for the second half of 1870. The remissions granted in 1871 were also unusually heavy, and account for the falling off in the earnings of the canal, under water rates, during that year.

2. With regard to the increase of charges against Revenue, I am to forward an analysis of these from January 1869 to December 1871, and to observe that this increase is the result of the completion of the several sections of the canal, whereby the charges to Capital have become inconsiderable, while those to Revenue have been enhanced. The analysis shows that a considerable portion of the charges for establishment as for instance that for "Bankers", is for work done by men on monthly pay, by whom the ordinary repairs to the canal banks are

charge against them of such a kind cannot be separated.

Wm. Ellis.

are executed

3. As regards charges in the future, I am to say that the total of these, as provided for in the Budget of 1873-74, amounts to Rs 174,200, it is probable that also this amount will be required for some few years to come. Extension of irrigation would lead to some increase of charge; but on the other hand, were the Company to find means to extend their scheme, the share of General management debitable to Revenue would be materially reduced.

4. With regard to the income of the Canal in the future, I am to observe that so much uncertainty exists as to prevent any information on this point that would be of any value, being afforded. The Canal is now in a position to supply water to a far larger area of land than is likely

while reference to the duty on account of the cost of establishments employed in collecting Revenue. I am to say that this Government is of opinion that until the necessity for incurring special charges by Government in relation to the supply of water for the collection of water rates under the irrigation works shall have arisen which is not yet the case the assent of the Secretary of

likely to be irrigated at present. Many causes have been suggested for the backwardness of the villagers in applying for water for irrigation, & the subject is engaging the anxious consideration of this Government, and all that may be possible will be done to endeavour to prevent this costly work from continuing to be a heavy charge to the State.

Lieut. 25/4/73

Govr.

Despd 7/4/73 with 36 Encls
Copy of Govt No 961 of 1873.

Nos 661-664.

67 Inclosures.

Govt. of India 1873

PUBLIC WORKS.

The Chief Engr for Irrigation

&

The Secretary to the Govt of India

Dated

Rcvd. Read 1

28 December 961-962.

Nos 663-664.

Revenue Account. Passing orders on papers relating to the Revenue Account of the Bo. Pres. for the 2nd half of 1871.

Submitting explanation relating to the Revenue Account of the Bo. Pres. for the 2nd half of 1871.