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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2808	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	20 - 10 - 1876	195	

Not to be folded or roughly handled

No. 306. 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 30th September 1876, No. 212 W :—

I HAVE the honor to submit the following report on the expenditure incurred on the works of the Madras Irrigation and Canal Company during the quarter ended 30th June 1876.

2. The total expenditure for the period under review amounted to Rupees 3,917-8-10, as compared with Rupees 6,106-9-2 in the previous quarter.

3. The following is a statement in tabular form of the items on which the above outlay was made :—

Number of Section or Name of Work.				Amount.	Nature of Expenditure.
				RS. A. P.	
<i>Main Canal.</i>					
1st Section	...	...	...	1,552 2 2	Second-class bridge at Gopalasingaram. Altering third-class bridge to second-class at Nidjood.
4th do.	...	...	...	2,013 6 8	Do. do. at Mungalpau, and Do. do. at Massamasseed.
9th do.	...	...	...	266 6 2	Do. do. at Bollaveram, and second-class bridge at Mochmurry.
Anicut and head-works at Somaiswar-ram...	...	...	...	32 0 0	Special superintendence and sundries.
<i>Buildings.</i>					
Four Overseers' houses in Lower Division...	...	...	...	53 9 10	Do. do. do.
Total ...				3,917 8 10	Overseers' houses.

4. The following statement shows the expenditure on all works from the commencement to the close of the quarter compared with sanctioned estimates :—

Abstract of Expenditure.

*Proceedings of the Madras Government, Public Works Department,
20th October 1876. No. 2,808.*

5. It will be remarked that the expenditure of the quarter is shown to have been Rs. 3,917-8-10, and the net total outlay up to 31st March 1876 Rs. 112,11,304-5-0.
6. The subjoined statement shows the expenditure in excess of sanction at the end of the quarter to have been Rupees 45-7-8 :—

Works.	Excess Expenditure on 31st Mar. 1876.	Excess Expenditure during the quarter ended 30th June 1876.	Total.	Add amount transferred to this from other works.	Deduct Refund.	Excess net Expenditure on 31st Mar. 1876.
<i>Main Supply.</i>						
Main Canal, 8th Section ..	Rs. A. P. 26 11 8	Rs. A. P. ..	Rs. A. P. 26 11 8	Rs. A. P. ..	Rs. A. P. ..	Rs. A. P. 26 11 8
<i>Buildings.</i>						
Repairs to Valapamore bungalow ..	18 12 0	..	18 12 0	..	..	18 12 0
Total ..	45 7 8	..	45 7 8	..	..	45 7 8

The cause of excess is due to cash adjustment under "Miscellaneous Advance."

7. The cost of Executive Permanent Establishments amounts for this quarter to 22-24 per cent. on the expenditure for Construction, that of Temporary Establishments to 0-96 per cent., and that of General Management to 11-15 per cent.
8. The total cost of Permanent Establishments was therefore 33-39, and that of Temporary Establishments 0-96 per cent. on the expenditure.

No. 307. ORDER THEREON, 20th October 1876, No. 2,808.

IRRIGATION, No. 34-B.
Account.

ORDERED that this report be forwarded to the Home Government.

(True Extract.)

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

- To the Chief Engineer for Irrigation.
" Chief Engineer and Manager, Madras Irrigation and Canal Company.
" Examiner of Irrigation and Canal Company's Accounts.

Exd. E. C. Shunker.
Spare Copies

PUBLIC WORKS DEPARTMENT.

No. of 187 .

TO THE MOST HONORABLE THE MARQUIS OF SALISBURY,

SECRETARY OF STATE FOR INDIA.

My Lord MARQUIS,—We have the honor to forward the accompanying report on the progress of the works of the Madras Irrigation and Canal Company for the quarter ending 30th June, 1876.

17.12.76

No. 306. 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 30th September 1876, No. 212 W :—

I HAVE the honor to submit the following report on the expenditure incurred on the works of the Madras Irrigation and Canal Company during the quarter ended 30th June 1876.

2. The total expenditure for the period under review amounted to Rupees 3,917-8-10, as compared with Rupees 6,106-9-2 in the previous quarter.

3. The following is a statement in tabular form of the items on which the above outlay was made :—

Number of Section or Name of Work.				Amount.	Nature of Expenditure.
				RS. A. P.	
<i>Main Canal.</i>					
1st Section	...	...	...	1,552 2 2	Second-class bridge at Gopalasingaram. Altering third-class bridge to second-class at Nidjood.
4th do.	...	...	...	2,013 6 8	Do. do. at Mungalpaul, and Do. do. at Massamasseed.
9th do.	...	...	...	266 6 2	Do. do. at Bollaveram, and second-class bridge at Moochmurry.
Anicut and head-works at Somaiswaram...	...	...	...	32 0 0	Special superintendence and sundries.
<i>Buildings.</i>					
Four Overseers' houses in Lower Division...	...	...	...	53 9 10	Overseers' houses.
Total ...				3,917 8 10	

4. The following statement shows the expenditure on all works from the commencement to the close of the quarter compared with sanctioned estimates :—

Abstract of Expenditure.

Proceedings of the Madras Government, Public Works Department,
20th October 1876. No. 2,808.

Works.	Amount of Estimate.	Expenditure up to 31st March 1876.	Cost during the Quarter ended 30th June 1876.	Total Expenditure.	Add amount transferred to this from other works.	Deduct amount from this to other works.	Total Net Expenditure.	AMOUNT.	
								Available.	Increase of Estimate.
Main Supply.									
Laurel and head-works at Kurnool ..	3,03,080 0 0	60,731 1 3	..	60,731 1 3	..	..	60,731 1 3	2,42,348 14 9	Completed.
Do. do. at Soudasala ..	4,80,723 0 0	4,77,403 12 0	..	4,77,403 12 0	..	..	4,77,403 12 0	11,919 4 8	Do.
Do. do. at Soudasala ..	1,71,727 1 1	68,180 11 11	..	68,180 11 11	..	..	68,180 11 11	1,03,560 5 8	Do.
Canal for one mile from the head sluice of the Kurnool ..	4,38,233 1 7	4,35,040 11 4	..	4,35,040 11 4	..	..	4,35,040 11 4	3,192 6 7	Do.
Do. do. ..	2,80,542 6 0	2,80,542 6 0	..	2,80,542 6 0	..	..	2,80,542 6 0	..	Do.
Do. do. ..	65,000 0 0	49,615 0 9	..	49,615 0 9	..	..	49,615 0 9	15,384 15 3	Completed.
Do. do. ..	11,20,783 13 8	11,20,048 1 1	1,553 2 3	11,21,601 3 3	..	..	11,21,601 3 3	8,145 7 0	Do.
Do. do. ..	20,23,985 12 3	20,23,647 12 4	..	20,23,647 12 4	..	..	20,23,647 12 4	337 15 10	Completed.
Do. do. ..	9,90,461 0 10	9,90,253 1 6	..	9,90,253 1 6	..	..	9,90,253 1 6	207 15 4	Do.
Do. do. ..	10,85,767 8 9	10,85,600 3 2	2,013 6 8	10,87,613 10 0	..	..	10,87,613 10 0	77,863 9 11	Completed.
Do. do. ..	8,91,880 1 1	8,91,464 8 3	..	8,91,464 8 3	..	..	8,91,464 8 3	415 8 10	Do.
Do. do. ..	9,46,394 4 8	9,46,137 7 0	..	9,46,137 7 0	..	..	9,46,137 7 0	256 11 8	Do.
Do. do. ..	7,66,995 12 2	7,66,653 7 7	..	7,66,653 7 7	..	..	7,66,653 7 7	341 4 5	Do.
Do. do. ..	8,35,723 6 9	8,35,050 1 5	..	8,35,050 1 5	..	..	8,35,050 1 5	673 5 4	Do.
Do. do. ..	9,62,116 8 4	9,62,116 8 4	..	9,62,116 8 4	..	..	9,62,116 8 4	..	Do.
Do. do. ..	2,57,353 11 2	2,57,353 11 2	..	2,57,353 11 2	..	..	2,57,353 11 2	..	Do.
Total ..	116,40,978 7 1	107,73,132 7 4	3,863 15 0	111,59,115 2 4	17,13 10	107,76,978 9 6	111,59,115 2 4	8,64,024 9 3	26 11 8
Distribution.									
Branch channels and sluices of 1st Section ..	7,002 15 5	6,727 1 8	..	6,727 1 8	..	..	6,727 1 8	1,275 13 9	Completed.
Do. do. ..	6,000 0 0	5,342 13 6	..	5,342 13 6	..	..	5,342 13 6	657 6 2	Do.
Do. do. ..	11,175 8 0	10,524 1 10	..	10,524 1 10	..	..	10,524 1 10	651 6 2	Do.
Do. do. ..	47,101 16 0	34,657 2 9	..	34,657 2 9	..	..	34,657 2 9	12,444 11 3	Completed.
Constructing a bend across the canal in the 4th mile of 4th Section ..	76 0 0	76 7 6	..	76 7 6	..	..	76 7 6	1 8 7	Do.
Do. do. ..	21,076 10 8	20,248 12 8	..	20,248 12 8	..	..	20,248 12 8	827 14 0	Do.
Do. do. ..	72,818 5 4	44,923 5 1	..	44,923 5 1	..	..	44,923 5 1	27,895 0 3	Do.
Do. do. ..	47,317 9 6	23,004 11 5	..	23,004 11 5	..	..	23,004 11 5	24,312 16 1	Do.
Do. do. ..	61,859 8 9	43,300 10 4	..	43,300 10 4	..	..	43,300 10 4	18,559 14 4	Do.
Do. do. ..	61,175 3 0	35,654 2 4	..	35,654 2 4	..	..	35,654 2 4	25,521 1 8	Do.
Do. do. ..	13,617 3 1	13,565 7 11	..	13,565 7 11	..	..	13,565 7 11	551 11 2	Completed.
Do. do. ..	946 9 10	946 9 10	..	946 9 10	..	..	946 9 10	..	Do.
Do. do. ..	1,699 0 7	1,454 1 11	..	1,454 1 11	..	..	1,454 1 11	245 14 8	Do.
Total ..	2,43,277 9 1	229,492 8 8	..	229,492 8 8	..	..	229,492 8 8	1,12,785 0 8	..
Breach repairs of August 1870 ..	62,460 0 0	64,064 1 7	..	64,064 1 7	..	..	64,064 1 7	8,356 16 6	..

Proceedings of the Madras Government, Public Works Department,
20th October 1876. No. 2,808.

Buildings.	Amount of Estimate.	Expenditure up to 31st March 1876.	Cost during the Quarter ended 30th June 1876.	Total Expenditure.	Add amount transferred to this from other works.	Deduct amount from this to other works.	Total Net Expenditure.	AMOUNT.	
								Available.	Increase of Estimate.
Central hospital with out-houses and compound wall at Kurnool ..	5,050 0 0	4,915 9 8	..	4,915 9 8	..	..	4,915 9 8	134 6 4	Completed.
Repairs to do. do. ..	68 0 0	60 10 1	..	60 10 1	..	..	60 10 1	7 6 11	Do.
Overseer's hut at Kurnool ..	1,244 13 3	6,045 10 8	..	6,045 10 8	..	..	6,045 10 8	1,244 13 3	Completed.
Office, store-house, and workshop at Soudasala ..	6,045 10 8	4,403 4 9	..	4,403 4 9	..	..	4,403 4 9	..	Do.
Powder Magazine, store and station roads at Rowanasy ..	4,403 4 9	7,612 6 1	..	7,612 6 1	..	..	7,612 6 1	333 2 4	Do.
Office, store-room and Artificers' shed at Rowanasy ..	7,945 8 5	320 11 8	..	320 11 8	..	..	320 11 8	257 4 4	Do.
Improvement of the road approaching the above buildings and repairing culverts at Rowanasy ..	578 0 0	..	..	..	..	..	..	..	Do.
Converting the unfinished building intended for a gunpowder manufactory into a hospital at Rowanasy ..	427 0 0	30 15 1	..	30 15 1	..	..	30 15 1	396 0 11	Do.
Office and store buildings at Valapnare ..	2,010 4 5	2,010 4 5	..	2,010 4 5	..	..	2,010 4 5	..	Do.
Repairs to Valapnare bungalow ..	605 4 0	624 0 0	..	624 0 0	..	..	624 0 0	..	Do.
Overseer's house and store at Valapnare ..	558 6 0	421 11 9	..	421 11 9	..	..	421 11 9	136 9 3	Do.
Office and store at Jupaund in Nagatore Division ..	4,164 10 4	4,164 10 4	..	4,164 10 4	..	..	4,164 10 4	..	Do.
Repairs to Jupaund bungalow in do. ..	1,000 0 0	368 10 5	..	368 10 5	..	..	368 10 5	631 5 7	Do.
Overseer's and Dresser's house at Jupaund in Nagatore Division ..	576 6 0	457 10 8	..	457 10 8	..	..	457 10 8	118 11 4	Do.
Office and store at Puggydial in do. ..	3,977 7 7	3,871 12 8	..	3,871 12 8	..	..	3,871 12 8	105 10 11	Do.
Office and store at Chintagootah in Koondaur division ..	297 2 0	282 7 2	..	282 7 2	..	..	282 7 2	14 10 10	Do.
Do. and temporary store shed at Ayalore in Koondaur division ..	5,331 4 11	5,331 4 11	..	5,331 4 11	..	..	5,331 4 11	..	Do.
Repairs to ancient office at Zorapore ..	642 0 0	204 1 3	..	204 1 3	..	..	204 1 3	437 14 9	Do.
Office, store and workshop at Kurnool ..	30,612 0 0	17,297 5 1	..	17,297 5 1	..	..	17,297 5 1	15 15 2	Do.
Workshop latrine at do. ..	148 3 0	141 11 6	..	141 11 6	..	..	141 11 6	13,314 10 11	Completed.
Iron and brass foundry at Kurnool, room for receiving and despatching stores at Kurnool ..	15,327 15 4	15,320 4 3	..	15,320 4 3	..	..	15,320 4 3	7 11 1	Do.
Quarters for Sub-Assistant Engineer and Assistant Surveyors at Koondaur ..	1,238 0 0	566 15 4	..	566 15 4	..	..	566 15 4	669 0 8	Do.
Engineer's bungalow at Dhoor ..	4,979 7 6	4,972 9 5	..	4,972 9 5	..	..	4,972 9 5	6 14 1	Do.
Sluice-keepers' huts ..	3,200 0 0	2,916 8 9	..	2,916 8 9	..	..	2,916 8 9	283 7 3	Do.
Overseer's house at Beempaud and Ayalore ..	1,100 0 0	700 14 11	..	700 14 11	..	..	700 14 11	345 7 8	..
Total ..	1,01,855 11 2	83,853 3 8	63 9 10	83,406 13 6	..	..	83,406 13 6	18,467 9 8	18 12 0
Line of Telegraph ..	72,033 13 0	67,342 9 9	..	67,342 9 9	..	..	67,342 9 9	4,691 9 3	Completed.
Grand Total ..	1,22,20,583 8 4	112,07,404 15 0	3,917 8 10	112,11,322 7 10	..	..	112,11,304 5 0	10,09,324 11 0	45 7 8

7416 OH

Govt. of 1876 Madras.

PUBLIC WORKS.

To *the Chief Eng^r for Irrigation*

Dated

Issued

Recd.

Encl.

G. O., 20th October 1876, No. 2808

Nos. 30, 31, 32

Madras Irrigation
and Land Company

Forwarding report
on the progress of the
works of the Madras
Irrigation and Land
Company for the
quarter ending 30
June 78

The report on the
progress of the works
of the ——— for the
quarter ending 30th
June 1878, ordered to
be forwarded to
the Home Government.

Sent in 1878
2-1-78