

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No.	563 (3)	Press
B.P. No.		Mis.
89-90.		
Dated	4-3-1894	195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th March 1874.*

No. 89. 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, 26th January 1874, No. 64:—

I HAVE the honour 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 1873.

Expenditure during the Quarter.—The total expenditure for the period under review amounted to Rupees 5,874, as compared with Rupees 4,543 in the previous quarter:—

2. The following is a detailed statement of the items on which the above outlay was made.

1st Section, Main Canal.—Rupees 290-12-5 on the 1st Section, Main Canal, 1 to 17½ miles on bridle-bridge across the canal at Kurnool.

2nd Section.—Rupees 10-2-4 on the 2nd Section, from 17½ to 32nd mile, on repairs of canal.

3rd Section.—Rupees 366-5-3 on the 3rd Section, from the 33rd to 43rd mile, the details being—

	RS.	A.	P.
Alteration of Calingulah No. 18	313	5	2
Do. do. „ 19	26	8	0
Do. do. „ 20	26	8	1

4th Section.—Rupees 4-0-6 on the 4th Section, miles 44 to 60, on alteration of Calingulah No. 2.

7th Section.—Rupees 2,767-3-5 on the 7th Section, miles 92 to 114, for—

	RS.	A.	P.
Contingencies for earthwork and revetment	71	1	2
Bridge, 3rd Class	62	5	3
Alteration of Calingulah No. 6	1,994	2	0
Do. do. „ 9	639	11	0

8th Section.—Rupees 99-4-0 on the 8th Section, from the 115th to 143rd mile, the items being—

	RS.	A.	P.
Waste Weir No. 2, including channel and overfall	88	0	0
Repairs of Canal	11	4	0

9th Section.—Rupees 1,192-4-2 on the 9th Section, miles 144 to 178 of the canal, on—

	RS.	A.	P.
Special Superintendence and Sundries	528	3	6
Repairs for Season 1873-74	664	0	8

3. *Distribution Works.*—The outlay on works of distribution was Rupees 1,084-15-10, viz., on the—

	RS.	A.	P.
6th Section	13	1	7
7th do.	124	7	6
8th do.	947	1	9
9th do.	0	5	0

4. *Buildings.*—The outlay under this head was Rupees 13-8-0 on office, store-room, and Artificers' shed at Bowanassy.

5. *Telegraph 'Line.'*—The outlay under this head was Rupees 45-13-4 on Telegraph line from Hindry Office to Cuddapah.

6. *Abstract of Expenditure.*—The following Statement shows the expenditure on all works from the commencement to the close of the quarter compared with sanctioned estimates:—

*Proceedings of the Madras Government, Public Works Department,
4th March 1874.*

[illegible]

Proceedings of the Madras Government, Public Works Department,
4th March 1874.

Quarter's Expenditure.—It will be remarked that the expenditure of the quarter is shown to have been Rupees 5,874, and the net total outlay up to 30th June 1873 Rupees 109,79,591.

7. Estimates submitted to, and sanctioned by, Government during the quarter.—An estimate of Rupees 35 for excess expenditure on Valapanoor bungalow, and an estimate of Rupees 300 for constructing a bridge across the Madras Irrigation and Canal Company's Canal at Kurnool, were submitted to Government and sanctioned during the quarter.

8. The cost of executive permanent establishments amounts for this quarter to 0.34 on the expenditure for construction, that of temporary establishments to 2.86 per cent, and that of general management to 69.52 per cent.

Total cost of Establishments.—The total cost of the permanent establishments was therefore 69.86, and of temporary establishments 2.86 per cent. on the expenditure.

No. 90.

ORDER THEREON, 4th March 1874, No. 563.

IRRIGATION, No. 8.

ORDERED that this Report be forwarded to the Home Government.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Chief Engineer for Irrigation.

Exd. S.T. Austin.

Spare Copies

Fort Saint George 26th January 1874.

No. 64.

From,

The Chief Engineer for Irrigation

To,

The Secretary to Government.

Public Works Department

Sir,

1. 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 1873.

Expenditure during the quarter.—

The total expenditure for the period under review amounted to Rupees 5874, as compared with Rupees 1,548 in the previous quarter.

2. The following is a detailed statement of the items on which the above outlay was made.

1st Section Main Canal.

Rupees 290-12-5 on the 1st Section Main Canal 1 to 17½ Miles on bridge bridge

bridge across the Canal at Kurnool.

Rupees 10-2-4 on the 2nd Section from 2nd Section 17 1/2 to 32nd Mile on repairs of Canal.

Rupees 366-5-3 on the 3rd Section 3rd Section from the 33rd to 43rd Mile, the details being,-

Alteration of Calingulah No. 18 Rs. 313-5-2

do: do: do: " 19- " - 26-8-

do: do: do: " 20 " - 26-8-1

Rupees 4- " - 6 on the 4th Section miles 44 to 60 on alteration of Calingulah No. 2. -

Rupees 2767-3-5 on the 7th Section, 7th Section miles 92 to 114 for,-

Contingencies for Earth work and Rivetments } Rs. 71-1-2

Bridge 3rd flaps " - 62-5-3

Alteration of Calingulah No. 6- " - 1994-2- "

do: do: do: " - 9- " - 639-11- "

Rupees 99-4- " on the 8th Section from the 115th to 143rd Mile, the items being,-

Waste Weir No. 2 including Channel and Quarfall } Rs. 88- " -

Repairs of Canal " - 11-4- "

Rupees

9th Section. Rupees 1192-4-2 on the 9th Section, miles 114 to 178 of the Canal, on,-
Special Superintendence and Sindries } Rs. 528-3-6
Repairs for Season 1873-74- " - 664- " - 8

Distribution. 3 The outlay on works of distribution was Rupees 1084-15-10 namely on the,
6th Section - Rs. 13-1-7
7th do: " - 124-7-6
8th do: " - 947-1-9
9th do: " - " - 5- "

Buildings. 4 The outlay under this head was Rupees 13-8- " on Office, Store room, and Artificers shed at Bowanafay

Telegraph Line. 5 The outlay under this head was Rupees 45-13-4, on Telegraph line from Hindry Office to Luddapah.

Abstract of Expenditure. 6 The following Statement shows the expenditure on all works from the commencement to the close of the quarter compared with Sanctioned Estimates,-

Works.

Works.	Amount expended, Cost during year up to quarter of Estimate March 30, 1873.	Total.	Productive from other works.	Available.	Amount
<u>Main Supply.</u>					
Quarries and head works at:					
Do. Do. Do. Do. Do.	1303080 485122 171727 438233 276325	60327 470216 66134 428569 276325		60327 470216 66134 428569 276325	242733 14906 105593 9664 15715
Agueeduct across the river Henry	65000	49285		49285	15715
Canal for one mile from the head of the Henry	1107928	1999716	291	1100007	79211
<u>Main Canal 1st Section</u>	17 1/2 miles	1988192	10	1988202	13385
Do. 2nd do.	18 1/2 to 32 1/2	916915	267	917282	6946
Do. 3rd do.	33 1/2 to 43 1/2	986203	4	986207	90106
Do. 4th do.	44 1/2 to 60 1/2	876959		876959	4954
Do. 5th do.	61 1/2 to 72 1/2	864941		864941	51453
Do. 6th do.	73 1/2 to 91 1/2	673615	2767	676382	89017
Do. 7th do.	92 1/2 to 114 1/2	824981	99	825080	526
Do. 8th do.	115 1/2 to 143 1/2	756670	1192	757862	16425
Do. 9th do.	144 1/2 to 178 1/2	257266		257266	83247
Do. 10th do.	179 1/2 to 186 1/2	193919		193919	
<u>Total</u>	11,44,156	10,56,7155	1730	10,57,1385	1463

Total — 11,44,156 10,56,7155 1730 10,57,1385 1463 10,57,1422 972734

Distribution.

13 miles Chauri to and District of 1st Section	7003	5591	5591	4412
Distribution works of 2nd do.	6000	5223	5223	777
Do. 3rd do.	11176	10286	10286	890
Do. 4th do.	47102	33874	33874	13228
Constructing a bund across the Canal in the 4th	76	73	73	3
<u>1st Section</u>	26760	2595	9595	11165
Distribution works of 5th Section	71820	43217	13	43230
Do. 6th do.	46286	20483	125	20588
Do. 7th do.	57558	35160	947	36107
Do. 8th do.	49772	33446		33446
Do. 9th do.	10554	8494		8494
Do. 10th do.	925	925		925
Do. 1st Section	1699	1417		1417
<u>Thurnool Town water supply</u>				282

Total — 330731 207764 1085 208849 208849 121882

Repairs of August 1870. — 62440 54084 54084 8356

Buildings.

Buildings.

Central Hospital with out-houses and Con-
= pound Wall at Thurnool

Repairs to — D: — D: — 88 — 60 — 4867 5050 4867 183

Overseers' hut at Thurnool 1245 " 60 8 " 1245

Office, Storehouse and Workshop at Pomharla 5986 5986 " 5986

Powder Magazine, Store and Station road at Bowangy 4359 4359 " 4359

Office, Store room and Artificers shed at — D: — 7298 7537 13 7550 396

Repairing the above buildings — at — D: — 648 318 " 318 260

Improvement of the road approaching to the
above buildings and repairing culverts at Bowangy 578 31 31 396

Converting the unfinished building intended for an
gunpowder manufactory into a hospital at do. 427 1990 " 1990

Office and Store buildings at Valapamoor 1990 599 " 599

Repairs to Valapamoor Bungalow 599 4123 " 4123

Office and Store at Jupand in Nagatore Division 4123 364 364 836

Repairs to — do. — Bengaloor — do. — do. 1000 3977 3833 3833 144

Office and Store at Peggah in — do. — do. 5283 5278 " 5278

— D: — D: — at Chintagantah in Flondam — do. — do. 642 67 67 575

— D: — and temporary Store shed at Ayloore — do. — do. 327 308 308 17

Repairs to Ancient Office at Zorapore — 15158 15158 15454

Office, Store, and Workshop at Thurnool — 15328 15168 " 15168 160

Iron and brass Foundry at — do. — do. 1236 561 " 561 675

Room for receiving and despatching stores at — do. — do. 4980 4923 " 4923 57

Quarters for Sub. Assistant Engineers and Assistant
Surveyors at Flondam 3200 2887 " 2887 313

Engineers' Bungalow at Flondam — 98956 78417 13 78430 29326

Price before 1840 — 72034 66770 46 66816 10 66806 5228

Total — 12108317 10974190 5874 10980064 473 10979591 1128726

Line of Telegraph.

Grand Total 12108317 10974190 5874 10980064 473 10979591 1128726

11

St

Quartiers' ex-
penditure.

Estimates sub-
mitted to and
sanctioned by
Government being
the quarters:-

The

Total cost of
Establishments

Have the honor to be
Sir,

Your most obedt. servant

Wm Lenth *Lieut Col. R.R.*

Chief Engineer for Irrigation

Exd. S. T. Austin.

PUBLIC WORKS DEPARTMENT.

No. 12 of 1874.

TO THE RIGHT HONOURABLE

THE SECRETARY OF STATE FOR INDIA.

Mr LORD—We have the honour to forward the accompanying Report on the progress of the works of the Madras Irrigation and Canal Company for the quarter ending 30th June 1873.

We have the honour to be,

My Lord

Your Lordship's most obedient,
humble servants,

FORT ST. GEORGE,
6th March 1874.

Exd. S. T. Austin.

2. 1874 to 1875
1. 1874 to 1875

1874 to 1875
1875 to 1876

The Chief Engineer
for Irrigation
to the Secretary
to Govt. Works

dated 26th Jan 1874
No. 12 of 1874

Submitt report
on the expenditure
incurred in the
construction of the new
dams by the Madras
Irrigation and Canal
Company for the quarter
ending 30th June 1873.
No 12 of 1874

FORT ST. GEORGE.
PUBLIC WORKS DEPARTMENT

*Letter to the Right Honourable
the Secretary of State for
India.*

*Dated 6th March
No. 12 of 1874.*

FORWARDING Report on the progress of
works of the Madras Irrigation and Canal
Company for the quarter ending 30th June
1873.

*503 M.D.
Proc. of the Madras Govt.
Recd the following
From the Chief Eng^r for Eng^r (H. E. Webb Esq Jan/74)*

*Ordered that
this report be
forwarded to
the Home Govern-
ment.*

*To the Chief Eng^r for India
Recd. 12. 1. 74*

*Wm. 2/2/74
G.M.*

To
The Right Honble
The Secy: of State
for India.

My Lord Duke.

of Govt. No. 87

We have the honor
to forward the accom-
panying Report on the
progress of the works of
the Madras Irrigation
& Canal Company for
the quarter ending 30th
June 1873.

Fort St. George
P.W. Dept.

Letter to the Right Hon:
the Secy of State for India

of ~~6th February~~ 6th March

No. 12 of 1874

Orig^l & copy sent per
Burland Mail on the
7th March 1874

Copy sent to Govt of
India on the 7th March/74

Forwarding Report
on the ~~works~~ progress
works of the M. S. Co.
for the Quarter ending
30th June/73.

1st Letter To Congress
No. 13 of 1874

Cp 652
Govt. of 1874 Medias.

PUBLIC WORKS.

The Chief Eng for
Irrigation

Dated

Recd.

Encl

G. O. 4 March No. 563.

Dec. 89 & 90

Re L. H. as Mks. Rebut
on the progress of the mks
for the quarter ending 30th
June 93, ordered to be
reimanded to the Home
Book.