M.R.O. 1—77,006—8-6-37.

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MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 2677 Press / Mis.
219-226.

Dated 14- 11- 1892.

Not to be folded or roughly handled

No. 219. Read the following letter from the Acting Chief Engineer for Irrigation, to the Secretary to Government, Public Works Department, dated Ootacamund, 25th October 1872, No. 38 :—

I HAVE the honour to submit the following report on the progress made with the works of the Madras Irrigation and Canal Company during the quarter ended 31st March 1872.

Expenditure during the quarter.—The total expenditure for the period under review amounted to Rupees 27,246, as compared with Rupees 40,411 for the previous quarter.

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

1*st Section, Main Canal (including head-works).*—Rupees 312-5-9 on the 1st Section, Main Canal, 1 to 17¼ miles, the items being—

Alteration to Calingulah No. 9 at 16th mile ...	Rupees	216	0 0
Special Superintendence and Sundries	,,	95	13 4
Store and Store charges	,,	0	8 5

2*nd Section.*—Rupees 2,166-13-11 on the 2nd Section, from the 17½ to the 32nd mile, the particulars being—

Earthwork	Rupees	86	14 11
Alteration of Calingulah...	,,	310	8 0
Repairs for Season 1872	,,	1,761	1 8
Contingencies	,,	8	5 4

3*rd Section.*—Rupees 1,952-1-0 on the 3rd Section, from the 33rd to the 43rd mile, the details being—

Excavation and embankment	Rupees	43	5 4
Repairs for Season 1872	,,	59	2 8
Contingencies for earth and masonry works	,,	8	5 4
Store and Store charges	,,	1,841	3 8

4*th Section.*—Rupees 962-8-11 on the 4th Section, or miles 44 to 60 of the canal, namely, for—

Alteration to Calingulah No. 4	Rupees	403	3 7
Repairs for Season 1872...	,,	12	0 0
Store and Store charges...	,,	547	5 4

5*th Section.*—Rupees 622-15-6 on the 5th Section, from the 61st to the 72nd mile, the items being—

Excavation and embankment	Rupees	50	10 2
Contingencies	,,	25	0 0
Stores	,,	547	5 4

6*th Section.*—Rupees 801-6-0 on the 6th Section, or miles 73 to 91, namely, for—

Lock No. 3, with 1 culvert	Rupees	77	7 0
Lock gate	,,	16	0 0
Repairs for Season 1872...	,,	160	9 7
Store and Store charges	,,	547	5 5

7th Section.—Rupees 3,342-3-4 on the 7th Section, miles 92 to 114, for—

Embankment and cutting	Rupees	105	12	0
Regulating Lock	,,	1,242	14	5
Bridge, second class, at 93rd mile	,,	20	13	4
Do. do. at 96th do.	Rupees	33	7	0
Do. third class, at 100th do.	,,	219	9	0
Aqueduct No. 19	,,	36	8	0
Store and Store charges	,,	1,683	3	7

8th Section.—Rupees 506-8-2 on the 8th Section, miles 115 to 143, the items being—

Embankment and cutting	Rupees	67	5	2
Lock of 10 feet lift at 117th mile	,,	0	8	0
Do. do. do. at 118th do.	,,	0	8	0
Do. do. do. at 121st do.	,,	100	8	0
Do. do. do. at 122nd do.	,,	0	8	0
Do. do. do. at 123rd do.	,,	0	8	0
Do. do. do. at 124th do.	,,	0	8	0
Do. do. do. at 125th do.	,,	0	8	0
Do. do. do. at 126th do.	,,	0	8	0
Do. do. do. at 137th do.	,,	0	8	0
Do. do. do. at 115th do.	,,	0	8	0
Do. of 8 do. at 119th do.	,,	0	8	0
Do. of 7 do. at 129th do.	,,	0	8	0
Do. of 13½ do. at 132nd do.	,,	0	8	0
Do. do. do. at 136th do.	,,	0	8	0
Do. of 12 do. at 140th do.	,,	0	8	0
Do. do. do. at 142nd do.	,,	0	8	0
Do. of 11 do. at 144th do.	,,	0	8	0
Bridge 2nd class, at 114th do.	,,	10	0	0
Two Waste weirs, Nos. 3 and 4	,,	70	0	0
Special Superintendence and Sundries	,,	245	12	4
Store and Store charges	,,	4	14	8

9th Section.—Rupees 5,550-8-0 on the 9th Section, or miles 144 to 178 of the canal on—

Earthwork	Rupees	480	10	1
Lock of 8 feet drop at 177th mile...	,,	2,539	13	4
Public road bridge at 150th do.	,,	25	0	0
Shingling 144th and 145th do.	,,	200	0	0
Special Superintendence and Sundries	,,	5	0	0
Stores	,,	2,300	0	7

10th Section.—Rupees 447-12-9 on the 10th Section, miles 179 to 186 of the canal on—

Head lock and bridge at Adamapully	Rupees	1	9	0
Store and Store charges	,,	446	3	9

Proceedings of the Madras Government, Public Works Department,
14th November 1872.

3. *Distribution Works.*—The outlay on works of distribution was Rupees 8,644-15-3, namely, on the—

1st Section	Rupees	13	9	7
2nd do.	,,	.....		
3rd do.	,,	.....		
4th do.	,,	295	6	8
5th do.	,,	6	5	4
6th do.	,,	212	13	8
7th do.	,,	1,814	1	0
8th do.	,,	4,470	6	1
9th do.	,,	1,028	9	1
10th do.	,,	803	11	10

4. *Breach repairs of August* 1870.—The outlay on breach repairs was Rupees 15-12-0, on the 2nd Section Main Canal.

5. *Buildings.*—No expenditure was incurred under this head during the quarter.

6. *Telegraph Line.*—Rupees 1,920-7-2 were expended on the telegraph line from Soonkasala to Cuddapah.

7. *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.

Works.	Amount of Estimate.	Expenditure up to 31st Dec. 1871.	Cost during the quarter ended 31st March 1872.	Total Expenditure.	Add amount transferred to this from other works.	Deduct refunds from this to other works.	Total Net Expenditure.	Amount Available.	Amount Increase of Estimate.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Main Supply.									
Anicut and head-works at Kurnool	3,03,080	60,327	.....	60,327	.....	.....	60,327	2,42,753	.....
Do. do. at Soonkasala	4,85,122	4,70,212	.....	4,70,212	.....	.....	4,70,212	14,910	.....
Do. do. at Somaisweram ...	1,71,727	66,134	.....	66,134	.....	.....	66,134	1,05,593	.....
Do. do. at Adamapully	3,44,440	4,37,891	....	4,37,891	.....	....	4,37,891	.....	93,451
Aqueduct across the river Hindry	2,76,250	2,76,325	.....	2,76,325	.....	.....	2,76,325	.....	75
Canal for one mile from the head-sluice of the Kurnool Anicut	65,000	49,285	.....	49,285	.....	.....	49,285	15,715	.....
Main Canal, 1st Section, 17¼ miles ...	10,73,687	10,97,360	312	10,97,672	.....	60	10,97,612	.....	23,925
Do., 2nd do., 18th to 32nd mile ...	19,63,370	19,69,632	2,167	19,71,799	.....	60	19,71,739	.....	8,369
Do., 3rd do., 33rd to 43rd do. ...	9,75,790	9,12,464	1,952	9,14,416	.....	60	9,14,356	61,434	.....
Do., 4th do., 44th to 60th do. ...	10,55,521	9,80,173	963	9,81,136	.....	6	9,81,130	74,391	.....
Do., 5th do., 61st to 72nd do. ...	8,80,738	8,76,012	623	8,76,635	.....	12	8,76,623	4,115	.....
Do., 6th do., 73rd to 91st do. ...	9,44,521	8,62,965	801	8,63,766	.....	.....	8,63,766	80,755	.....
Do., 7th do., 92nd to 114th do. ...	7,43,421	6,65,085	3,342	6,68,427	.....	805	6,67,622	75,799	.....
Do., 8th do., 115th to 143rd do. ...	7,80,111	8,21,456	506	8,21,962	.....	1,912	8,20,050	.....	39,939
Do., 9th do., 144th to 178th do. ...	9,45,837	7,78,683	5,551	7,84,234	.....	17	7,84,217	1,61,620	.....
Do., 10th do., 179th to 186th do. ...	2,56,327	1,92,997	448	1,93,445	.....	.....	1,93,445	62,882	.....
Total...	1,12,64,942	1,05,17,001	16,665	1,05,33,666	.....	2,932	1,05,30,734	8,99,967	1,65,759
Distribution.									
Branch channels and sluices of 1st Section ...	7,003	5,387	14	5,401	.....	.....	5,401	1,602	.....
Distribution works of 2nd Section	6,000	5,162	.....	5,162	.....	.....	5,162	838	.....
Do. do. of 3rd do.	11,150	10,257	.....	10,257	.....	.....	10,257	893	.....
Do. do. of 4th do.	46,777	33,302	295	33,597	....	.....	33,597	13,180	.....
Constructing a bund across the canal in the 45th mile, 4th Section	76	73	.....	73	.....	.....	73	3	.....
Distribution works of 5th Section	20,550	9,289	6	9,295	.....	.....	9,295	11,255	.....
Do. do. of 6th do.	71,400	42,175	213	42,388	.....	.....	42,388	29,012	.....
Do. do. of 7th do.	42,045	17,311	1,814	19,125	.....	.....	19,125	22,920	.....
Do. do. of 8th do.	49,000	22,366	4,470	26,836	.....	.....	26,836	22,164	.....
Do. do. of 9th do.	46,448	30,153	1,029	31,182	.....	.....	31,182	15,266	.....
Do. do. of 10th do.	10,000	6,696	804	7,500	.....	.....	7,500	2,500	.....
Do. do. at Soonkasala	925	925	.....	925	.....	.....	925	.....	.....
Kurnool Town Water-supply	1,699	1,417	.....	1,417	.....	.....	1,417	282	.....
Total...	3,13,073	1,84,513	8,645	1,93,158	.....	.....	1,93,158	1,19,915	.....
Breach repairs of August 1870	68,570	58,988	16	59,004	.....	.....	59,004	9,566	.....
Buildings.									
Central Hospital, with out-houses and compound wall at Kurnool...	5,050	4,781	.....	4,781	.....	.....	4,781	269	.....
Repairs to do. do.	68	60	.....	60	.....	.....	60	8	.....
Overseer's hut at Kurnool	1,245	.....	.....	.....	.....	.....	1,245	1,245	.....
Office, Storehouse, and Workshop at Soonkasala.	5,947	5,986	.....	5,986	.....	.....	5,986	.....	39
Powder Magazine, Store, and Station roads at Bowanassy Division	4,359	4,359	.....	4,359	.....	.....	4,359	.....	.....
Office, Store-room, and Artificers' shed at do. ...	7,298	7,523	.....	7,523	.....	.....	7,523	423	.....
Repairing the above buildings	648								
Improvement of the road approaching to the above and repairing culverts at Bowanassy	578	318	.....	318	.....	.....	318	260	.....
Converting the unfinished building intended for a Gun Powder Manufactory into a Hospital at Bowanassy	427	31	.....	31	.....	.....	31	396	.....
Office and Store building at Valapanoor in do. ...	1,970	1,990	.....	1,990	.....	.....	1,990	.....	20
Do. do. at Jupaud in Nagatoor do..	4,123	4,782	.....	4,782	.....	.....	4,782	.....	659
Do. do. at Puggydial in do. ...	3,977	3,833	.....	3,833	.....	.....	3,833	144	.....
Do. do. at Chintagoonta in Koondaur do. ...	5,283	5,278	.....	5,278	.....	.....	5,278	5	.....
Do. and temporary Store-shed at Ayalore in do.	642	67	.....	67	.....	.....	67	575	.....
Repairs to Anicut Office at Zorapore	327	308	.....	308	.....	.....	308	19	.....
Office, Store, and Workshop at Kurnool	30,612	15,158	.....	15,158	.....	.....	15,158	15,454	.....
Iron and Brass Foundry at do.	15,328	15,168	.....	15,168	.....	.....	15,168	160	.....
Room for receiving and despatching stores at do....									
Quarters for Sub-Assistant Engineer and Assistant Surveyors at Koondaur	1,236	561	.....	561	.....	.....	561	675	.....
Engineer's bungalow at Dhoor	4,980	4,923	.....	4,923	.....	.....	4,923	57	.....
Sluice-keepers' huts	3,200	2,819	.....	2,819	.....	.....	2,819	381	.....
Total...	97,298	77,945	.....	77,945	.....	.....	77,945	20,071	718
Line of Telegraph	72,000	64,383	1,920	66,303	.....	225	66,078	5,922	.....
Grand Total...	1,18,15,883	1,09,02,830	27,246	1,09,30,076	.....	3,157	1,09,26,919	10,55,441	1,66,477

Quarter's Expenditure.—It will be remarked that the expenditure of the quarter is shown to have been Rupees 27,246, and the net total outlay, up to 31st March 1872, Rupees 109,26,919.

7. *Excess Expenditure.*—The subjoined Statement shows the expenditure in excess of sanction at the end of the quarter to have been Rupees 1,66,477 :—

Works.	Excess expenditure up to 31st Dec. 1871.	Excess expenditure during the quarter ended 31st March 1872.	Total.	Add transferred to this from other works.	Deduct Refunds.	Excess net expenditure on 31st March 1872.
Main Supply.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Hindry aqueduct	75	...	75	...	...	75
Anicut and head-works at Adamapully ...	93,451	...	93,451	...	...	93,451
Main Canal, 1st Section	23,673	312	23,985	...	60	23,925
Do., 2nd do.	6,262	2,167	8,429	...	60	8,369
Do., 8th do.	41,345	506	41,851	...	1,912	39,939
Total...	1,64,806	2,985	1,67,791	...	2,032	1,65,759
Buildings.						
Office, Store-house, and Workshop at Soonkasala...						39
Do. do. at Valapanoor ...	39	...	39	...	...	20
Do. do. at Jupaud ...	20	...	20	...	...	659
	659	...	659	...	...	
Total...	718	...	718	...	...	718
Grand Total...	1,65,524	2,985	1,68,509	...	2,032	1,66,477

8. *Preparation of Revised Estimates.*—A revised estimate for the Adamapully Anicut was sanctioned by Government on the 29th July 1872, and revised estimates for the 1st, 2nd, and the 8th Sections were received from the Agent on the 13th September 1872, and are now with the Acting Chief Engineer for Irrigation.

9. *Estimates submitted to Government during the quarter.*—The following estimates were received from the Agent and submitted to Government during the quarter :—

	Rs.
Estimate for the Distribution works, 2nd Section...	6,000
Do. for repairing the Valapanoor Bungalow	514
Do. for enlargement of Calingulahs	66,530

Estimates sanctioned.—Of these the first two received the sanction of Government during the quarter, and the last has since been sanctioned.

Cost of Establishments.—The cost of executive permanent establishments amounts for the quarter to ·13 per cent. on the expenditure for construction; that of the temporary establishments to 1·50 per cent.; and that of the General Management to 50·15 per cent.

Total cost of Establishments.—The total cost of the permanent establishment was therefore 50·28, and of temporary establishment 1·50 per cent. on the expenditure.

Proceedings of the Madras Government, Public Works Department,
14th November 1872.

No. 220. ORDER THEREON, 14th November 1872, No. 2,677.

IRRIGATION, No. 15.

ORDERED that this report be forwarded to the Home Government.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Acting Chief Engineer for Irrigation.
,, Agent and Manager of the Madras Irrigation and Canal Company.

Exd. T. O'Connor.

PUBLIC WORKS DEPARTMENT.

No. 11 of 1872.

TO THE RIGHT HONOURABLE
THE SECRETARY OF STATE FOR INDIA.

My Lord Duke,—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 31st March 1872.

Procs., No. 2,677, dated 14th Nov. 1872.

We have the honour to be,
My Lord Duke,
Your Grace's most obedient,
and humble servants,

Fort St. George,
25 *November* 1872.

Exd. T. O'Connor.

FORT ST. GEORGE.

PUBLIC WORKS DEPARTMENT.

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

Dated 25 November
No. 22 of 1872.

FORWARDING a report on the progress of the works of the Madras Irrigation and Canal Company for the quarter ending 31st March 1872.

No. 38 Octacamund
25th October 1872

From

The Chief Engineer
for Irrigation

To

The Secretary to Government
Department of Public Works

Sir,

I have the honor to submit the following report on the progress made with the works of the Madras Irrigation and Canal Company during the quarter ended 31st March 1872.

Expenditure during the quarter

1. The total expenditure for the period under review amounted to Rupees 27,246 as compared with Rupees 40,411 for the previous quarter

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

1st Section Main Canal (including head works)

Rupees 312-5-9 on the 1st Section Main Canal 1 to 17½ miles the items being

Alteration

Lock of 10 feet lift at 122nd mile — 8
— Do — Do — 123rd — 8
— Do — Do — 124th — 8
— Do — Do — 125th — 8
— Do — Do — 126th — 8
— Do — Do — 137th — 8
— Do — Do — 115th — 8
— Do — 8 Do — 119th — 8
— Do — 7 Do — 129th — 8
— Do — 13½ Do — 132nd — 8
— Do — Do — 136th — 8
— Do — 12 Do — 140th — 8
— Do — Do — 142nd — 8
— Do — 11 Do — 144th — 8
Bridge 2nd Class — 114th — 10
Two Waste weirs Nos 3 and 4 — 70
Special Superintendence and Sundries 245-12-4
Stores and Store Charges — 4-14-8

Rupees 5550-8 on the 9th section or miles 9th Section
144 to 178 of the Canal on

Earthwork — 480-10-1
Lock of 8 feet drop at 177th mile — 2639-13-4
Public road Bridge at 150th mile — 25
Shingling 144th and 145th mile — 200
Special Superintendence and Sundries — 5
Stores — 2300-7

10th Section — Rupees 447-12-9 on the 10th Section miles
179 to 186 of the Canal on
Head Lock and Bridge at Adamapully — 1-9
Store and Store charges — 446-3-9

Distribution works. 3 — The outlay on works of distribution was
Rupees 8644-15-3 namely on the
1st Section — Nil — 13-9-7
2 — Do — " — "
3 — Do — " — 295-6-8
4 — Do — " — 6-5-4
5 — Do — " — 212-13-8
6 — Do — " — 1814-1
7 — Do — " — 1470-6-1
8 — Do — " — 1028-9-1
9 — Do — " — 803-11-10
10 — Do — " —

Breach repairs of August 1870. 4. — The outlay on breach repairs was
Rupees 15-12 on the 2nd Section Main Canal.

Buildings 5 — No expenditure was incurred under this head during the quarter

Telegraph Line 6 — Rupees 1920-7-2 were expended on the Telegraph Line from Lonikavala to Cudalapah

Abstract of expenditure 7 — 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 of Estimate	Expenditure upto 31st December 1871	Cost during the quarter ended 31st March 1872	Total expenditure	Additional sanctions to the Estimate	Deduct expenditure from other Estimates	Total net expenditure	Amount available	Increase of Estimate
Main Supply									
Anicut and Head works at Kurnool	303080	60327	"	60327	"	"	60327	242753	"
Do Do Ayenkavala	485122	470212	"	470212	"	"	470212	14910	"
Do Do Somaiswaramit	171727	66134	"	66134	"	"	66134	105593	"
Do Do Adamapully	344440	437891	"	437891	"	"	437891	"	93451
Aqueduct across the river Hindry	276250	276325	"	276325	"	"	276325	"	75
Canal for one mile from the Head Sluice of the Kurnool	65000	49285	"	49285	"	"	49285	15715	"
Main Canal 1st Section 17¼ miles Amiat	1073687	1097360	312	1097672	"	60	1097612	"	23925
Do 2 18th to 32d Mile	1963370	1969632	2167	1971799	"	60	1971739	"	8369
Do 3 33 to 43	975790	912464	1952	914416	"	60	914356	61434	"
Do 4 44 to 60th	1055521	980173	963	981136	"	6	981130	74391	"
Do 5 61st to 72d	880738	876012	623	876635	"	12	876623	4115	"
Do 6 73 to 91st	944521	862965	801	863766	"	"	863766	80755	"
Do 7 92 to 114th	743421	665085	3342	668427	"	805	667622	75799	"
Do 8 115 to 143	780111	821456	506	821962	"	1912	820050	"	39939
Do 9 144 to 178	945837	778683	5551	784234	"	17	784217	161620	"
Do 10 179 to 186	256327	192997	448	193445	"	"	193445	62882	"
Total	11264942	10517001	16665	10533666	"	2932	10530734	899967	165759
Distribution									
Branch Channels and Sluices of 1st Section	7003	5387	14	5401	"	"	5401	1602	"
Distribution works of 2 do	6000	5162	"	5162	"	"	5762	838	"
Do Do of 3 do	11150	10257	"	10257	"	"	10257	893	"
Do Do of 4 do	46777	33302	295	33597	"	"	33597	13180	"
Constructing a bund across the Canal in the 4th & 5th Sections	76	73	"	73	"	"	73	3	"
Distribution works of 5 Section	20550	9289	6	9295	"	"	9295	11255	"
Do Do of 6 do	71400	42175	213	42388	"	"	42388	29012	"
Do Do of 7 do	42045	17311	1814	19125	"	"	19125	22920	"
Do Do of 8 do	49000	22366	4470	26836	"	"	26836	22164	"
Do Do of 9 do	46448	30153	1029	31182	"	"	31182	15266	"
Do Do of 10 do	10000	6691	801	7500	"	"	7500	2500	"
Do Do at Ayenkavala	925	925	"	925	"	"	925	"	"
Kurnool Town water Supply	1699	1417	"	1417	"	"	1417	282	"
Total	313073	184513	8645	193158	"	"	193158	119915	"
Breach repairs of August 1870	68570	58988	16	59004	"	"	59004	9566	"
Buildings									
Civil Hospital with out houses and Compound Wall	5050	4781	"	4781	"	"	4781	269	"
Repairs to do Do Do at Kurnool	68	60	"	60	"	"	60	8	"
Overseers hut at Kurnool	1245	"	"	"	"	"	1245	1245	"
Office Store house and Workshop at Kowtalla	5947	5986	"	5986	"	"	5986	"	39
Powder Magazine Store and Station road at Bowanapully	4359	4359	"	4359	"	"	4359	"	"
Office Store room and Artificers shed at do	7298	7523	"	7523	"	"	7523	473	"
Repairing the above buildings	648								
Improvement of the road approaching to the above and repairing Culverts at Bowanapully	578	318	"	318	"	"	318	260	"
Converting the unfinished building intended for a Gun Powder manufactory into a Hospital at Bowanapully	427	38	"	31	"	"	31	396	"
Office and Store Building at Valapanoor in do	1970	1990	"	1990	"	"	1990	"	20
Do Do at Jupadu in Nagatoor do	4123	4782	"	4782	"	"	4782	"	659
Do Do at Puggydiala in do	3977	3833	"	3833	"	"	3833	144	"
Do Do at Chintagoonta in Koondan	5283	5278	"	5278	"	"	5778	5	"
Do & Temporary Sheds at Ayalon in do	642	67	"	67	"	"	67	575	"
Repairs to Ancut Office at Jorapore	327	308	"	308	"	"	308	19	"
Office Store and Workshop at Kurnool	30612	15158	"	15158	"	"	15158	15454	"
Iron and Brass Foundry at do	15328	15168	"	15168	"	"	15168	160	"
Room for receiving and despatching Stores at Do	1236	561	"	561	"	"	561	675	"
Quarters for Sub Asst Engr & Asst Surveyor at Koondan	4980	4923	"	4923	"	"	4923	57	"
Engineers Bungalow at Do	3200	2819	"	2819	"	"	2819	381	"
Sluice Keepers huts	97298	77945	"	77945	"	"	77945	20971	7187
Total	72000	64383	1920	66303	"	225	66078	5922	"
Line of Telegraph									
Grand Total	11815883	10902830	27246	10930076	"	3157	10926919	1055441	166477

It will be remarked that the expenditure of the quarter is shown to have been Rupees 27,246 and the net total outlay upto 31st March 1872 Rupees 1092,6919. Quarters Expenditure

7 The subjoined Statement shews the expenditure in excess of sanction at the end of the quarter to have been Rupees 166,477. Excess Expenditure

Works	Excess expenditure upto 31st December 1871	Excess expenditure during the quarter ended 31st March 1872	Total	Add transferred to this from other works	Deduct refunds	Excess net expenditure on 31st March 1872
Main Supply						
Sundry Aqueduct	75		75			75
Anicut and Headworks at Adamapully	93,451		93,451			93,451
Main Canal 1st Section	23,673	312	23,985		60	23,925
Do 2nd Do	6,262	2167	8,429		60	8,369
Do 8th Do	41,345	506	41,851		1912	39,939
Total	164,806	2985	167,791		2032	165,759
Buildings						
Office Storehouse and Workshop at Sonkavala	39		39			39
Do Do at Valapanoor	20		20			20
Do Do at Jeypaud	659		659			659
Total	718		718			718
Grand Total	165,524	2985	168,509		2032	166,477

8 A revised Estimate for the Anicut was sanctioned by Government on the 29th July 1872 and revised Estimates for the 1st, 2nd, and the 8th Sections were received from the Agent on the 13th September 1872 and are now with the Chief Engineer for Irrigation. Preparation of Revised Estimates

Estimates submitted to Government during the quarter

9 The following Estimates were received from the Agent and submitted to Government during the quarter.

Estimate for the Distribution works 2nd Section 6,000/

Do for repairing the Valapanoor Bungalow 514/

Do for enlargement of Calingulahs 66,530/

Estimates sanctioned

Of these the first two received the sanction of Government during the quarter, and the last has since been sanctioned.

Cost of establishments

The cost of executive permanent establishments amounts for the quarter to 4·3 per Cent on the expenditure for Construction; that of the temporary establishments to 1·50 per Cent; and that of the General Management to 50·15 per Cent.

Total cost of establishments

The total cost of the permanent establishment was, therefore 50·28, and of temporary establishment 1·50 per Cent on the expenditure

expenditure.

I have the honor to be,
Sir,
Your most Obedient Servant
O'Connor Captain R.E.
for Lt. Col. Engineer for Irrigation

P.W. Dept 23

Proceedings of the Madras Government

Under date the November 1872.

2677 Read the following

From the Actg Chief Engr for Irrigation

(Hore cutor N 388/25th Octr. 1872)

Ordered that this report be forwarded to the Home Government.

H. E. No 97

To The Chief Engr for Irrign
Agent & Manager M.S.W. Coy's

Desp. 15/11/72
Rec 22/11/1872

To The Right Honorable The Secretary of State for India.

My Lord Duke.

We have the honor

Public Works Dept 1872. No Instalment
Irrigation Establishment
Sanctioned by Govt Order No 2 dated
From The Hy. Chief Engr. for Irrign.
To The Secy. to Govt.
P.W. Dept.

Dated 25th Octr 72.
Rec'd 29 — —

Submits Report on the Progress made with the works of the S.W.C. during the Quarter ended 31st December 1872.

No 219 - 16 Nov 72.

Rec'd 30/12/72.

P.W. Dept. Original Consultations 25 Dec 1872

honor to forward the accompanying Report on the progress of the Works of the Madras Irrigation and Canal Company for the quarter ending 31st March 1872.

Fort St George
Public Works department

Letter to the Right Honorable the Secretary of State for India

Dated 25th Nov. No 22 of 1872
Encl. 1 Copy sent per Overland mail on the 12. Dec. 1872.

Forwarding a Report on the progress of the works of the Madras I. & C. Co. for the Quarter Ending 31st March 1872.

Copy sent to the Govt. of India on the 12. Dec. 72

Rec. 30 Oct. 72

Au 524

Govt. of {1872} Madras.

PUBLIC WORKS.

To

The Acting Chief Engineer
for Irrigation

Dated

Recd. Encl.

G. O. 14th Nov. 1872. No. 2677

Nos. 219 & 220

Report, submitted by the
Superintendent for Irrigation,
on the progress of works
in the Madras Dist. &c.
for the quarter ending
31st March 72 ordered to
be forwarded to the Madras
Govt. —