

*Proceedings of the Madras Government, Public Works Department,
15th October 1873.*

No. 216. Read the following memorandum 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, 18th September 1873, No. 654:—

The subjoined statements, showing the amounts placed at the disposal of the District Engineers for Repairs and Minor and New Works, Agricultural, and the outlay in May and June, are submitted for the information of Government.

For May 1873.

DISTRICTS.	REPAIRS.				MINOR NEW WORKS.			
	Budget Estimate.	Allotments up to end of month.	Amount of Estimates sanctioned.	Amount expended.	Probable annual allotment.	Allotment up to end of month.	Amount of estimates sanctioned.	Amount expended.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	30,000	7,500	7,500	1,762	1,000	1,000	23	157
Vizagapatam ...	17,500	6,500	.....	784	500	500	...	...
Godavery ...	1,73,500	40,000	39,967	35,868	6,000	1,000	3,944	334
Kistna ...	83,000	20,000	8,684	24,745	5,000	1,000	3,415	757
Nellore ...	80,000	20,000	1,53,294	4,806	5,000	1,000	4,681	396
Bellary ...	51,500	12,000	7,435	3,678	4,000	1,000	1,246	24
Cuddapah ...	65,000	15,000	20,612	809	4,000	1,000	2,055	43
Kurnool ...	25,000	6,000	8,206	467	2,000	1,000	908	150
Presidency ...	3,000	1,000	335	.....	.....	.....	.....	.....
Chingleput ...	1,10,000	30,000	30,000	16,290	5,000	1,000	1,000	...
North Arcot ...	1,35,000	30,000	1,01,607	9,680	6,000	1,000	3,625	...
South Arcot ...	1,15,000	30,000	47,733	4,294	6,000	2,500	3,812	42
Salem ...	53,000	12,000	33,798	5,487	2,000	1,000	1,037	47
Tanjore ...	1,55,000	40,000	46,905	13,557	10,000	1,000	2,378	1,321
Trichinopoly ...	81,000	20,000	52,181	4,435	3,000	1,000	2,966	...
Coimbatore ...	60,000	30,000	27,947	12,310	2,500	2,300	1,964	642
Malabar ...	1,100	1,000	865	118	500	500	...	...
Madura ...	50,000	12,000	12,000	3,783	3,000	1,000	1,000	227
Tinnevely ...	71,400	30,000	23,146	7,128	7,500	1,100	3,392	201
Total...	13,60,000	3,63,000	7,02,165	1,50,001	73,000	19,600	37,446	4,341

For June 1873.

DISTRICTS.	REPAIRS.				MINOR NEW WORKS.			
	Budget Estimate.	Allotments up to end of month.	Amount of Estimates sanctioned.	Amount expended.	Probable annual allotment.	Allotment up to end of month.	Amount of estimates sanctioned.	Amount expended.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	30,000	7,500	7,500	3,883	1,000	1,000	250	192
Vizagapatam ...	17,500	6,500	.....	2,504	500	500	...	...
Godavery ...	1,73,500	40,000	.....	73,119	6,000	1,000	...	438
Kistna ...	83,000	70,000	1,80,123	66,388	5,000	3,000	3,843	1,000
Nellore ...	80,000	20,000	1,56,092	11,191	5,000	1,000	5,583	713
Bellary ...	51,500	12,000	11,000	6,402	4,000	1,000	1,246	24
Cuddapah ...	65,000	15,000	20,853	2,253	4,000	1,000	3,254	76
Kurnool ...	25,000	6,000	14,521	1,586	2,000	1,000	4,748	493
Presidency ...	3,000	1,000	640	.....	.....	...	...	...

[Handwritten signature]
11-10

*Proceedings of the Madras Government, Public Works Department,
15th October 1873.*

For June 1873.—(Concluded.)

DISTRICTS.	REPAIRS.				MINOR NEW WORKS.			
	Budget Esti- mate.	Allotments up to end of month.	Amount of Estimates sanctioned.	Amount expended.	Probable annual allotment.	Allot- ment up to end of month.	Amount of esti- mates san- ctioned.	Amount expend- ed.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Chingleput ...	1,10,000	30,000	30,000	37,968	5,000	1,000	1,000	309
North Arcot ..	1,35,000	30,000	1,26,830	23,314	6,000	1,000	4,660	418
South Arcot ...	1,15,000	30,000	91,070	10,592	6,000	2,500	4,437	611
Salem ...	53,000	12,000	31,315	9,820	2,000	1,000	1,714	151
Tanjore ...	1,55,000	47,000	55,466	29,746	10,000	3,000	2,617	1,396
Trichinopoly ...	81,000	20,000	53,077	7,837	3,000	1,000	2,966	...
Coimbatore ...	60,000	30,000	30,000	19,750	2,500	2,300	2,317	801
Malabar ...	1,100	1,000	865	130	500	500	...	...
Madura ...	50,000	12,000	12,000	7,624	3,000	1,000	5,592	543
Tinnevely ...	71,400	30,000	61,021	20,134	7,500	1,500	3,392	758
Total...	13,60,000	4,20,000	8,85,403	3,34,241	73,000	24,300	47,619	7,988

2. The Budget Estimate for the several districts for repairs and the probable annual allotment for Minor New Works for each district have been shown, in order that a clearer idea of the relation between the actual outlay up to date, and that estimated for the year, may be obtained; but as, under the orders of Government, the grants are liable to variation, and indeed have in some cases been materially altered already, this standard of comparison is only a general one.

3. Some of the districts exhibit a marked improvement in June in the progress of repair works, but all were behindhand with Minor New Works.

4. In the Kistna a great deal of the difficulty before experienced in obtaining labour has been overcome, and vigorous measures have been adopted for carrying out the necessary repairs to irrigation works. The expenditure of the year will far exceed the Budget Estimate.

5. The Godavery and Coimbatore have done well, and Tinnevely fairly. In Chingleput also the expenditure has been equal to the proper share of the Budget Estimate, but it is probable that most of the outlay was upon two or three important irrigation works, and that to enable real progress to have been made with the works generally a much larger expenditure would have been necessary. The District Engineer however has not had the means of managing a very large expenditure judiciously.

6. Further observations may be postponed until the operations for the first half-year come under review, when it is to be hoped that in some of the districts, in which the first quarter of the year was apparently almost entirely lost, will be able to show better progress.

Cuddapah.
Kurnool
South Arcot.
Trichinopoly.
Bellary.

*Proceedings of the Madras Government, Public Works Department,
15th October 1873.*

No. 217.

ORDER THEREON, 15th October 1873, No. 2,516.

IRRIGATION, No. 17.

COMMUNICATED to District Engineers,
and to Collectors (through the Revenue
Board) whose attention is called to the

remarks of the Chief Engineer for Irrigation.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineers.

„ Chief Engineer for Irrigation.

„ Board of Revenue.

„ Revenue Department.

„ Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.

Spare Copies.

Not circulate L all
Sd Coll. (Mr. B. P. B.)
with instructions to attend
to Col. M's observation

be near house of
secretary but need not say
so I think -

Mr. B. is a very valuable
with proper report and
his approval of the
importance of our

29/6 MR

The Government will
postpone comments on the
progress of Agricultural
repairs and minor new
works, until the expendi-
-ture for the first half
of the year is before them.

Mr. 24/9/73
G.M.R.

To Chief Engineer for Irrigation
" Controller of Public Works accounts
" All District Engineers
Sd Coll. Collectors - & Mr. B. P. B.

2576 8/15 0.4/3

The above is a list of the
 names of the persons who
 have been appointed to the
 various committees of the
 Board of Directors of the
 City of New York, for the
 year 1898.

Commenced
and began, (after
through the
House), and
after some time
with the House
the 1st day of
May, 1871.

N^o 654.

4

Memorandum

The subjoined Statements, showing the amounts placed at the disposal of the District Engineers for repairs and minor new Works, Agricultural and the outlay in May and June, are submitted for the information of Government.

Districts	Repairs.				Minor new Works.			
	Budget Estimate	Allotment up to end of Month.	Amount of Rs. towards Sanctions.	Amount Expended.	Probable Annual allotment.	Allotment up to end of Month.	Amount of Rs. towards Sanctions.	Amount Expended.
Garyam	30,000	7,500	7,500	1762	1000	1000	23	157
Vizagapatnam	17,500	6,500	"	784	500	500	"	"
Godavary	1,73,500	40,000	39,967	35,868	6000	1000	3944	334
Hydrabad	83,000	20,000	88,684	24,745	5000	1000	3415	757
Nellore	80,000	20,000	153,294	4806	5000	1000	4681	396
Bellary	57,500	12,000	74,35	3678	4000	1000	1246	24
Buddanah	65,000	15,000	20,612	809	4000	1000	2055	43
Ejurnool	25,000	6,000	8,206	467	2000	1000	908	150
Presidency	3,000	1,000	335	"	"	"	"	"
Chingleput	1,10,000	30,000	30,000	16,290	5000	1000	1000	"
North Arcot	1,35,000	30,000	1,01,607	9680	6000	1000	3625	"
South Arcot	1,15,000	30,000	47,733	4294	6000	2500	3812	42
Salem	53,000	12,000	33,798	5487	2000	1000	1037	47
Tanjore	1,55,000	40,000	46,905	13,557	10,000	1000	2378	1321
Trichinopoly	87,000	20,000	52,131	4435	3000	1000	2966	"
Coimbatore	60,000	30,000	27,947	12,318	2500	2300	1964	642
Malabar	1100	1000	865	118	500	500	"	"
Madura	50,000	12,000	12,000	3783	3000	1000	1000	227
Tinnevely	71,400	30,000	23,146	7128	7500	1000	3392	201
Total	13,60,000	3,63,000	7,02,165	1,50,001	73,000	19,800	37,446	4341

Feb June

For June 1873.

Districts	Repairs.				Minor New Works.			
	Budget Estimate	Allotment up to end of month	Amount expended up to date	Amount expended	Probable Annual allotment	Allotment up to end of month	Amount expended	Amount expended
Ganjam	30000	7500	7500	3883	1000	1000	250	192
Vizagapatam	17500	6500	"	2504	500	500	"	"
Godavery	123500	40000	"	73119	6000	10000	"	438
Histna	83000	70000	180123	66388	5000	3000	3843	1000
Nellore	80000	20000	156092	11191	5000	1000	5583	713
Bellary	51500	12000	11000	6402	4000	1000	1246	24
Cuddapah	65000	15000	20853	2253	4000	1000	3252	76
Thurnool	25000	6000	14521	1586	2000	1000	4748	498
Presidency	3000	1000	640	"	"	"	"	"
Chingleput	110000	30000	30000	37968	5000	10000	1000	309
North Arcot	135000	30000	126860	23314	6000	1000	4660	448
South Arcot	115000	30000	91070	10592	6000	2500	4437	641
Salem	53000	12000	34315	9820	2000	1000	1714	151
Tanjore	155000	47000	55466	29746	10000	3000	2617	1396
Trichinopoly	81000	20000	53077	7837	3000	1000	2966	"
Coimbatore	60000	30000	30000	19750	2500	2300	2317	801
Malabar	1100	1000	865	130	500	500	"	"
Madura	50000	12000	12000	7624	3000	1000	5692	523
Tinnevely	71400	30000	61021	20134	7500	1500	3392	758
Total	1360000	420000	885403	334241	73000	24300	47619	7988

2 The budget estimate for the several Districts for repairs, and the probable annual allotment for Minor new works for each District have been shown in order that a clearer idea of the relation between the actual outlay up to date, and that estimated for the year, may

may be obtained, but as, under the orders of Government, the grants are liable to variation, and indeed have in some cases been materially altered already, this standard of comparison is only a general one.

3 Some of the Districts exhibit a marked improvement in June in the progress of repair works, but all were behind hand with Minor new Works.

4 In the Histna a great deal of the difficulty before experienced in obtaining labor has been overcome, and vigorous measures have been adopted for carrying out the necessary repairs to irrigation works. The expenditure of the year will far exceed the Budget estimate.

5 The Godavery and Coimbatore have done well and Tinnevely fairly. In Chingleput also the expenditure has been equal to the proper share of the Budget estimate, but it is probable that most

P. N. 1873 Department.

No 657 Jan 52/7.

From
The Chief Engineer
of the Secretary to
Government
P. N. D

Dated 18
Sept 1873
Revised 23
1873.

Submits for inspection
the documents showing
the amount
placed at the disposal
of the Engineer for the
and the various
agencies and of the
outlay incurred in May
and June 1873.

No 2516

Filed

Communicated to Robert
Ingersoll, and to Col. John (through
the Bureau Board) whose attention
is called to the remarks of the
Chief Engineer for inspection
G. M. W.

CV
1/2

130. St. Engineer
5. Change for inspection
100 of the Bureau
8. And Sept
1. Contd
J. C. sent 22/10/75

P. N. 216.17

sent to P. N. 1873

Ch 5217
Govt. of 1873 Madras.
PUBLIC WORKS.

To District Engineers

Dated

Recd.

Encl.

G. O. 15th Act. 1873. 2516.

No. 216. 1877

Funds. Memo. from the
Chief Eng^r for Districts submitting
Statements showing the amounts
placed at the disposal of D.
Eng^rs for repairs & minor
new works Agricultural
& the bullock carts incurred
in May & June 73, Com-
d. Officers concerned.