M.R.O. 1—10,006—28-2-50.

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1733	Press	
B.P. No.		Mis.	
Dated	15-6-1955		

Not to be folded or roughly handled

No. 429. Read the following :—

No. 626.

Statement of Outlay on Repairs and Minor New Works, Agricultural, for the Month of March 1875.

Districts.	Repairs.				Minor New Works.			
	Budget Estimate.	Allotment up to end of month.	Amount of Estimates sanctioned.	Amount expended.	Budget Estimate.	Allotment up to end of month	Amount of Estimates sanctioned.	Amount expended.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam ...	30,000	39,000	56,519	32,769	1,000	2,000	2,187	1,364
Vizagapatam ...	17,500	17,500	17,496	17,420	500	500	496	495
Godavery ...	1,65,350	1,73,600	3,62,769	1,76,479	5,000	5,000	7,341	5,056
Kistna ...	1,09,600	1,59,600	1,86,634	1,57,690	5,000	7,776	8,899	7,778
Nellore ...	65,000	1,10,600	2,44,379	1,09,725	5,000	5,000	20,048	5,127
Bellary ...	51,500	52,000	36,500	45,374	4,000	3,350	5,333	3,192
Cuddapah ...	65,000	60,000	60,000	54,278	4,000	6,000	7,475	6,630
Kurnool ...	30,000	30,000	29,978	29,090	2,000	2,000	5,185	3,415
Presidency ...	3,000	3,000	3,400	3,001	...	...	...	...
Chingleput ...	1,10,000	73,000	92,101	85,375	6,050	4,000	6,301	3,212
North Arcot ...	1,20,000	1,35,000	2,01,069	1,34,758	6,000	8,580	19,961	8,502
South Arcot ...	1,20,000	1,40,000	1,61,259	1,31,582	6,000	8,564	9,693	7,602
Salem ...	83,000	36,000	54,379	39,903	2,000	7,000	8,253	7,816
Tanjore ...	1,55,000	1,70,000	2,95,128	1,71,206	10,000	17,000	20,816	16,693
Trichinopoly ...	81,000	1,14,000	1,72,508	1,13,652	3,000	4,000	3,384	3,158
Coimbatore ...	60,000	60,000	19,203	57,905	2,500	3,336	3,500	5,425
Malabar ...	1,100	1,835	1,835	1,829	500	...	...	...
Madura ...	50,000	42,000	1,54,882	42,056	3,000	3,000	9,764	2,667
Tinnevelly ...	80,000	1,12,000	1,74,300	1,21,775	8,000	7,500	9,175	7,360
	15,67,050				73,550			
Add by G. O., Nos. 3,103-A and 184, dated 30th Oct. 1874 and 22nd January 1875 ...	1,33,000	Add by G. O., Nos. 3,518 and 3,579, dated 15th and 29th December 1874, and G. O., Nos. 3,437 and 309-C, dated 27th Nov. 1874 and 3rd February 1875			21,490	...	...	...
	15,00,050	14,90,535	23,00,602	15,30,780	95,040	94,540	1,45,571	95,503

Fort St. George,
10th *June* 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Offg. Chief Engineer, P.W.D.

Submitted for the information of Government.

The expenditure on repairs during the year exceeded, it will be seen, the grant by Rupees 29,709, and that on Minor New Works by Rupees 463. District Engineers require to keep themselves better informed of, 1*st*, the actual progress of work, and, 2*ndly*, of the probable expenditure of the last three or four months of the year; and much more attention needs to be given to securing a regular expenditure, approximating to the average, in all the working months, and these in many districts extend over four-fifths of the year.

2. The following abstract shows the average expenditure in each district in comparison with that of the month of March :—

District.	Average. Rs.	March. Rs.
Ganjam ...	2,731	6,455
Vizagapatam ...	1,452	2,396
Godavery ...	14,748	32,407
Kistna ...	13,141	17,681
Nellore ...	9,144	8,195
Bellary ...	3,781	16,887
Cuddapah ...	4,523	14,430
Kurnool ...	2,424	7,932
Presidency ...	250	233
Chingleput ...	5,290	21,903
North Arcot ...	11,230	30,900
South Arcot ...	11,240	25,815
Salem ...	3,325	7,723

District.	Average. Rs.	March. Rs.
Tanjore	14,272	21,669
Trichinopoly	9,474	9,541
Coimbatore...	4,825	8,170
Malabar	153	136
Madura	3,505	3,872
Tinnevelly	10,148	16,057

A glance at the above will serve to indicate the necessity for a radical change in the distribution of the annual expenditure in order that due supervision of work in progress, and a satisfactory examination of that done, may be ensured. It is extremely improbable that either can be obtained when the disbursements of a single month are three or four times the average of the whole year. Had the average of eleven months instead of twelve been taken, the contrast would have been much more striking.

3. In the following districts the expenditure fell considerably short of the original allotments for repairs as made in the Budget:—

	Budget.	Outlay.	Difference.	Per cent.
	Rs.	Rs.	Rs.	
Bellary	51,500	45,374	6,126	12
Cuddapah	65,000	54,278	10,722	16
Chingleput	1,10,000	85,375	24,625	22
Salem	53,000	39,905	13,095	24
Madura	50,000	42,056	7,944	16

In some of these districts more money could have been spent had it been available for allotment in March, but inevitably provision could not be made for an entirely abnormal expenditure in the last month of the year, and it will be seen that as it was—

Bellary spent in March	more than	4	times	the average.
Cuddapah	do.	3	do.	do.
Chingleput	do.	4	do.	do.
Salem	do.	2	do.	do.

while only in Madura were the average outlay and that of March nearly equal. Some districts are by no means efficiently officered, but this fact does not account for the irregularity of expenditure. Those District Engineers, whose returns show either inadequate progress or great irregularity in the way in which expenditure was incurred, will do well to revise their arrangements so as to obtain more satisfactory results in the future.

4. In the matter of amounts of estimates sanctioned, there is in some districts need of reformation, for it is apparent that in several districts time has been devoted to preparing estimates for carrying out which funds are not likely to be available, and that the establishments would, therefore, have been much better employed had their attention been devoted to a reasonable number of works, the repair of which could be properly provided for as regards both money and supervision.

OOTACAMUND,
10th *June* 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Offg. Chief Engineer.

No. 430. ORDER THEREON, 19th June 1875, No. 1,733.

IRRIGATION, No. 38.

Account.

THE review of expenditure on Agricultural repairs given in the foregoing endorsement indicates that, although considerable exertions were made in some districts to secure good progress with this very important class of work, there is much need of better administrative arrangements in very many districts. The attention of all Superintending and District Engineers should be specially given to the observations of Lieutenant-Colonel Mullins, whose remarks should serve to secure in the future such a distribution of expenditure throughout the year as will ensure adequate supervision and examination of work.

2. The restriction of the time and attention of establishments to the number of works which can be carried out, and which will afford at the same time a margin in case of difficulty arising in completing some of those intended to be carried out, is clearly of moment, and is a matter affecting very materially the advantageous employment of the officers and subordinates available for executive duties. It is considered that, if the sanctioned estimates exceed by 20 to 25 per cent. the Budget grant, all needful provision will have been made for contingencies, and that there will be no difficulty in working up to the allotments made in the Budget.

3. The grant for the past year on account of Minor New Works was fully utilized, and as for 1875-76 much more money has been provided. District Officers will take care that this is turned to good account, and that as much as may be possible is done to make Irrigation works safe from accident, this being the object for which additional funds have been made available. Adequate progress this year will, no doubt, lead to extended means being afforded next year, if District Engineers can show, when sending up their Budget Estimates for 1876-77, that they are making good use of the current grants, and that they have taken the necessary steps for determining what works most required to be constructed in the following year.

(True Extract.)

Major, R.E.,
Offg. Joint Secretary to Government.

To the District Engineer, Ganjam.
" " " Vizagapatam.
" " " Godavery.
" " " Kistna.
" " " Nellore.
" " " Cuddapah.
" " " Kurnool.
" " " Bellary.
" " " Presidency.
" " " Chingleput.
" " " North Arcot.
" " " South Arcot.
" " " Salem.
" " " Tanjore.
" " " Trichinopoly.
" " " Coimbatore.
" " " Malabar.
" " " Madura.
" " " Tinnevelly.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.

Exd. A. Grubert.

Spare Copies

5.1.

Irrigation.

No 626

Submitted for the information of Government.

Enclosure I.

The expenditure on repairs during the year exceeded, it will be seen, the grant by Rupees 29,709 and that on Minor New works by Rupees 4683- District Engineers require to keep themselves better informed of 1st the actual progress of work, and 2nd of the probable expenditure of the last 3 or 4 months of the year, and much more attention needs to be given to securing a regular expenditure, approximating to the average in all the working months, and there in many Districts extend over four fifths of the year.

2- The following abstract shows the average expenditure in each

District

district in comparison with that of the Month of March.

Districts	Average	March
Ganjam	2,731	6,455
Vizagapatam	1,452	2,396
Godavery	14,748	32,407
Kistna	13,141	17,681
Nellore	9,144	8,195
Bellary	3,781	16,887
Cuddapah	4,523	14,460
Kurnool	2,424	7,932
Presidency	250	233
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South Arcot	11,240	25,815
Salem	3,325	7,723
Tanjore	14,272	21,669
Trichinopoly	9,474	9,541
Coimbatore	4,825	8,170
Malabar	153	136
Madura	3505	3872
Tinnevelly	10,148	16057

A glance at the above will serve to indicate the necessity for a gradual change in the distribution of the annual expenditure in order that due supervision of work in progress, and a satisfactory examination of that done may be ensured. It is extremely improbable that either can be obtained when the disbursements for a single month are 3 or 4 times the average of the whole year. Had the average of 11 months instead of 12 been taken the contrast would have been much more striking.

3. In the following Districts the expenditure fell considerably short of the original allotments for repairs as made in the Budget.

	Budget.	Outlay.	Difference	Percent
Bellary	51,500	45,374	6126	12
Cuddapah	65,000	54,278	10,732	16
Chingleput	1,10,000	85,375	24,625	22
Salem	53,000	37,905	15,095	24
Madura	50,000	42,056	7,944	16

P. W. 1875 - Despatch.

No: 3982

From

The Offg. Chief Engr.

Dated 10 June
Recd 17 " } 1875.

£1. No: 626

Offering certain
Recommendations on the
Statement of Outlay
& Minor New Works
Agricultural, for the
Month of March 75.

P. W. Dept

Proceedings of the Bengal Government

Read the following

from the Offg Chief Engr P.W.D. No 626 dated 10th June 1875

G. Dept No: 1732 dated 19th June 1875.

Recommending the sanction of suspending
for the present Agricultural
Improvements generally and the
following particular Statement
in which certain Minor, although
considerable Expenditures
were made in Canal
Districts to secure good
Irrigation with their
very important Class
of Work, there is made
need of better Administ-
rative Arrangements
in very many Districts.
The attention of which

Superintending and Dis-
trict Engineers should be
specially given to the
observations of Lieut.
Colonel Mullins, whose
remarks should serve
to secure in the future
such a distribution of
expenditure throughout
the year as will ensure
adequate supervision and
examination of work -
2nd The restriction of the time
and attention of establish-
ments to the number of
works which can be carried
out and which will afford
at the same time a
margin in case of diff-
iculty arising in com-
pleting some of those

intended to be carried out,
is clearly of moment,
and is a matter affecting
very materially the
advantageous employ-
ment of the officers
and Subordinates available
for executive duties.
It is considered that if
the sanctioned estimates
exceed by 20 to 25 per-
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for contingencies, and
that there will be no
difficulty in working
up to the allotments
made in the Budget.

3- The grant for the past year on account of Minor Pew Works was fully utilized, and as for 1875-76 much more money has been provided, District Officers will take care that this is turned to good account, and that as much as may be possible is done to make irrigation works safe from accident, this being the object for which additional funds have been made available. Adequate progress this year will no doubt lead to extended means being afforded next year, if District Engineers can show, when sending up their Budget estimates for 1876-77, that they are making good use of the current grants, and that they have taken the necessary steps for determining what works must require to be constructed in the following year.

Wy. 11/6

JE Sanjam, Vizagapatam
Godavery, Kistna
Nellore, Bellary
Pennaur, Chingleput
North Arcot, South Arcot
Salem, Tanjore
Tuticorin, Combatore
Sambalpur, Sundergo
Immediate Office —

160 I.C. dep 2-7-75
24

3402

Govt. of India.

PUBLIC WORKS.

To

The Hon. Secy.
Govt.

Dated

Issued

Read. Encl.

G. O. (Revenue) No. 1203

Nos. 422-43

Statement of Outlay on Repairs and Minor New Works, Agricultural

Passing orders on letter from the Officiating Chief Engineer, submitting with observations the _____, for the month of March 1875.