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(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	144.	Press	Original
~~B.P. No.~~		~~Mis.~~	
Dated	18. 1.	~~195~~ 1875	

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
18th January 1875.

Read the following —

No 948 A

No 303 *Note by the Chief Engineer for Irrigation*

THE Statement of outlay on Repairs and Minor New Works, Agricultural, for September, or to the end of the first half of the official year, shows on the whole good progress.

1 Statement

2 In eleven districts out of nineteen the expenditure on repairs has exceeded half the grant, and in two* more the short expenditure is but small, but in the following districts the progress has been very far from satisfactory —

* Ganjam and Kurnool

	Proper outlay RS	Actual RS
Bellary	25,750	7,159
Cuddapah	32,500	18,759
Chingleput	55,500	13,876

In North Arcot also Rupees 47,063 only were expended against Rupees 60,000 the half grant, and in Salem the outlay was but one-third instead of one-half the provision for the year

3 It appears to be exceedingly improbable that it will be possible to make up for lost time in the second half of the year in the above three districts, and it will be necessary therefore to withdraw portions of the grants as follow for utilization elsewhere —

	RS
Bellary	15,000
Cuddapah	10,000
Chingleput	30,000

Should such a marked improvement be manifested in the progress of this class of work in these districts by the end of the third quarter, the Superintending and District Engineers can ask, if necessary, for additional funds, but it is essential in the meantime that other District Engineers who can at once increase, or maintain effectively, an expenditure exceeding the average, should be informed that they may proceed with their works

4. The grants for the following districts have already been raised—

	RS	RS
Godavery from	1,65,350	to 1,73,600
Kistna from	1,09,600	to 1,29,600
Tanjore from	1,55,000	to 1,70,000
Trichinopoly from	81,000	to 1,04,000
Tinnevelly from	80,000	to 89,000

so that the additional grant* sanctioned by the Government of India, and the above withdrawals,† have very nearly been absorbed already, and the following sums require to be at once placed at the disposal of the District Engineers concerned —

* Rupees 33,000, Proceedings Madras Government, No 3,103-A, dated 30th October 1874

† Rupees 55,000

	RS
Kistna	10,000
South Arcot	20,000
Tanjore	25,000
Trichinopoly	6,000
Coimbatore	5,000
Total ..	66,000

which will enable these officers to do all that will probably be practicable up to the end of the third quarter, when any further demands can be disposed of with reference to the general progress of repairs throughout the Presidency. These arrangements will somewhat more than utilize the additional half lakh which Government have in G O, No 3,103-A, dated 30th October 1874, authorized this office to dispose of in anticipation of the sanction of the Government of India to the increase of the grant to 15 lakhs altogether

5. The explanations given regarding short expenditure are—

Bellary—The unfavourable character of the season Compared, however, with many districts, the rain-fall is very light, even when, as in this year, the fall has been exceptionally good. The Superintending Engineer does not think a surrender of funds advisable, but against an average expenditure in the past of Rupees 1,200 a month, an outlay of more than Rupees 7,000 is hardly probable, and it is thought that a withdrawal to the extent above mentioned should be made

Cuddapah—Here also the season is the principal cause of short outlay, and the evidence adduced makes the reason manifestly a good one The difference between the average from May to September, and that of the same period in 1874, is shown in the subjoined abstract —

Taluqs		Average	1874
Jammalmadagu	Inches	14 60	13 17
Proddatur	,,	18 84	43 35
Budwail	,,	15 12	29 34
Sidhout	,,	18 82	42 38
Pullempett	,,	16 47	29 90
Cuddapah	,,	18 82	49 05
Pulivendla	,,	19 24	31 67
Royachoty	,,	14 32	35 12
Voilpad	,,	15 57	26 05
Maddanapully	,,	12 82	33 76
Kudry	,,	12 05	36 37
		176 67	388 16
	Average	16 06	35 29

The Statement of rain-fall for the several months of 1874 shows also that only in August, since the 1st May, was any dry weather available

Chingleput—In transmitting the usual Statement of expenditure the Superintending Engineer remarked that explanation as to short outlay would be submitted when received from Range Officers. Colonel Moberly should not have been dependent upon these officers for information on so important a subject. He might have needed their explanations on particular points, but with regard to the difficulties in the way of even moderate progress, and as to the means of overcoming such difficulties already, or to be, introduced, he should have been fully informed, seeing that these matters should have engaged his earnest attention for months past, and it would have been satisfactory had a full report of this kind been submitted.

North Arcot—The District Engineer states that some delay had been caused by the large number of estimates requiring the sanction of Government, but principally short progress was due to the weather Though work was behind-hand, much had been done, and it may be hoped that the progress of the year will be on the whole fairly satisfactory.

Proceedings of the Madras Government, Public Works Department,
18*th January* 1875

Salem—The weather is reported to be the cause of inadequate expenditure, but it is considered that, had the earlier part of the year been made good use of, more might have been done than was accomplished.

6. In several districts the expenditure on Minor New Works was only nominal. With so little money to spend, and such a vast amount of work to be done, the selection of works to be carried out could generally be made long beforehand, and in the north east monsoon districts the grant should be entirely worked out by the end of the first half year Indeed, in no case would more than three months be required. Much the largest amount was expended in Tanjore, but this district possesses no exceptional facilities for carrying out such works. It does not appear to be desirable at present to withdraw money from those districts in which outlay has fallen short, but on the receipt of the statements for December it will be necessary to make at once such transfers as may be indicated to be requisite, and, unless District Engineers explain very clearly that their grants will be fully utilized, such transfers will be made without further reference to them

CAMP AT TREVANDRUM, (Signed) JOHN MULLINS, Lieut-Colonel, R E.,
20*th November* 1874. *Chief Engineer for Irrigation.*

Statement of Outlay on Repairs and Minor New Works, Agricultural, for the month of September 1874

Districts	Repairs				Minor New Works			
	Budget Estimate	Allotment up to end of month	Amount of Estimate sanctioned	Amount expended	Budget Estimate	Allotment up to end of month	Amount of Estimate sanctioned	Amount expended
	RS.	RS	RS	RS	RS	RS	RS	RS
Ganjam	30,000	15,000	40,418	13,958	1,000	1,000	1,490	800
Vizagapatam	17,500	12,000	11,996	9,389	500	500	496	236
Godavery	1,65,350	1,07,000	2,12,448	1,02,514	5,000	3,500	4,561	3,097
Kistna	1,09,600	1,02,000	1,29,342	95,561	5,000	7,000	8,635	4,309
Nellore	65,000	41,300	1,71,440	33,625	5,000	2,800	18,361	1,318
Bellary	51,500	12,000	35,463	7,159	4,000	1,000	3,654	1,344
Cuddapah	65,000	30,000	37,218	18,759	4,000	3,000	4,000	3,406
Kurnool	30,000	11,000	12,331	13,100	2,000	1,000	4,656	572
Presidency	3,000	3,000	3,000	1,652				
Chingleput	1,10,000	30,000	59,441	13,876	6,050	1,000	4,338	1,284
North Arcot	1,20,000	60,000	1,64,406	47,063	6,000	3 500	16,634	3,637
South Arcot	1,20,000	86,000	1,17,244	62,244	6,000	8,864	8,864	5,047
Salem	53,000	21,000	38,857	17,776	2,000	1,500	6,772	1,403
Tanjore	1,55,000	1,30,000	2,08,861	1,15,306	10,000	12,500	19,086	11,329
Trichinopoly	81,000	93,000	1,53,054	89 661	3,000	2,000	3,574	1,707
Coimbatore	60,000	40,000	37,958	32,927	2,500	2,300	2,411	1,744
Malabar	1,100	1,000	850	671	500	500		
Madura	50,000	27,000	1,48,724	26,571	3,000	1,300	9,704	917
Tinnevelly	80,000	61,230	1,07,000	57,095	8,000	4,300	8,196	2,503
Total	13,67,050	8,82,530	16,90,051	7,58,907	73,550	57,564	1,25,432	44,653

CAMP AT TREVANDRUM, (Signed) JOHN MULLINS, Lieut-Colonel, R E,
20*th November* 1874 *Chief Engineer for Irrigation.*

Proceedings of the Madras Government, Public Works Department,
18th January 1875.

No. 304. ORDER THEREON, 18th January 1875, No 144.

IRRIGATION, No 35
Account

THE Statement of expenditure on Repairs and Minor New Works, Agricultural, with the comments of the Chief Engineer for Irrigation thereupon, explain the progress of works of these descriptions during the first half of the current year.

2 The general results are satisfactory, and in the case of only two districts, Bellary and Chingleput, has progress with repairs been both altogether inadequate, and accounted for by no sufficient causes Colonel Moberly has especially failed and will now report fully on the subject in question. In Cuddapah the season has been very remarkably unfavourable to Public Works operations. In Salem the progress had not been satisfactory, but it is hoped that lost time may be made up for in the second half of the year.

3 The arrangements made and proposed to be made, as detailed in paragraphs 3 and 4 of the Chief Engineer's Note, are approved

4. The particulars of outlay on Minor New Works show that in some districts the importance of these has even yet not been fully recognized, and in nearly every district the officers of the Public Works Department must be prepared to make much more rapid progress than has hitherto been effected, for it will take many years, with a vastly increased expenditure under this head, to render existing irrigation works safe and efficient

(True Extract.)

Colonel, R E,
Secretary to Government.

To the Chief Engineer for Irrigation
To all Superintending Engineers
„ District Engineers
To the Controller of Public Works Accounts

Exd T O'Connor.
Spare Copies

6

Statement of Outlay on Repairs and Minor New Works Agricultural for the month of September 1874.

Districts	Repairs				Minor New Works				Remarks
	Budget Estimate	Allotment upto end of month	Amount Sanctioned	Amount expended	Budget Estimate	Allotment upto end of month	Amount Sanctioned	Amount expended	
Ganjam	30,000	15,000	40,418	13,958	1,000	1,000	1490	800	✓
Vizagapatam	17,500	12,000	11,996	9329	600	500	496	236	✓
Godavery	166,350	107,000	212,448	102,514	6,000	3,500	4,561	3,097	✓
Kistna	109,600	102,000	129,342	95,561	5,000	7,000	8,635	4,309	✓
Nellore	65,000	41,300	171,440	33,625	5,000	2,900	18,361	1,318	✓ b—l
Bellary	51,500	12,000	35,463	7,159	4,000	1,000	3,654	1344	✓ b—l
Cuddapah	65,000	30,000	37,218	18,759	4,000	2,000	4,000	3,406	✓
Kurnool	30,000	11,000	12,331	13,100	2,000	1,000	4656	672	✓ b—l
Presidency	3,000	3,000	3,000	1652	1	"	"	"	
Chingleput	110,000	30,000	59,441	13,874	6,050	1,000	4338	1284	✓ b—l
North Arcot	120,000	60,000	164,406	47,063	4,000	3,500	16,634	3,634	✓
South Arcot	120,000	86,000	117,244	62,244	6,000	8,884	8,864	6,047	✓
Salem	53,000	21,000	38,857	17,776	2,000	1500	6,772	1403	✓
Tanjore	163,000	130,000	209,861	115,206	10,000	12,500	19086	11329	✓
Trichinopoly	81,000	73,000	153,064	89,661	2,000	2,000	3,574	1,707	✓
Coimbatore	60,000	40,000	37,958	32,927	2,500	2,300	2,411	1,744	✓
Malabar	1,100	1,000	850	671	500	500	"	"	
Madura	50,000	27,000	148,724	26,571	3,000	1,300	9,704	917	✓ b—l
Tinnevelly	80,000	61,230	107,000	57,095	8,000	4,300	8,196	2503	✓ b—l
Total—	13,67,050	8,02,530	16,90,067	7,58,907	73,550	57,564	1,25,432	44,653	

Camp Trevandrum
20 November 1874

Lieut-Colonel R.E.
Chief Engineer for Irrigation

No 948 A.

Note by the Chief Engineer for Irrigation

The statement of outlay on Repairs and minor new works, Agricultural, for September, or to the end of the first half of the official year, shows on the whole good progress.

Enclosure 1 Statement.

2 In 11 Districts out of 19 the expenditure on repairs has exceeded half the grant, and in two more the short expenditure is but small, but in the following Districts the progress has been very far from satisfactory

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	Proper outlay	actual
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necessary therefore to withdraw portions of the grants as follow for utilization elsewhere

Bellary	15,000
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Should such a marked improvement be manifested in the progress of this class of work in these Districts by the end of the third quarter, the Superintending and District Engineers can ask, if necessary, for additional funds, but it is essential in the meantime that other District Engineers who cannot at once increase, or maintain effectively, an expenditure exceeding the average should be informed that they may proceed with their works.

4 The grants for the following Districts have already been raised

Godavery from	1,65,350 to 1,73,600
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Tanjore — " —	155,000 to 175,000
Trichinopoly —	81,000 to 104,000
Tinnevelly —	80,000 to 89,000

× Rupees 33,000 so Phl Gl No 3103 dated 30 Oct 76

† Rupees 55,000

that the additional grant sanctioned by the Government of India, and the above withdrawals have very nearly been absorbed already, and the following sums require to be at once placed at the disposal of the District Engineers concerned-

Kistna-	10,000
South Arcot	20,000
Tanjore —	25,000
Trichinopoly-	6,000
Coimbatore-	5,000
	66,000

which will enable these officers to do all that will probably be practicable up to the end of the 3rd quarter, when any further demands can be disposed of with reference to the general

progress of repairs throughout the Presidency. These arrangements will somewhat more than utilize the additional half Lakh which Government have in G O No 3103 A dated 30th October 1874 authorized this office to dispose of in anticipation of the sanction of the Government of India to the increase of the grant to 15 Lakhs altogether.

5 The explanations given regarding short expenditure are

Bellary. The unfavourable character of the season. Compared however with many Districts, the rainfall is very light even when as in this year, the fall has been exceptionally good. The Superintending Engineer does not think a surrender of funds advisable but against an average expenditure in the past of 1200 Rupees a month, an outlay of more than 7,000 Rupees is hardly probable, and it is thought that withdrawal to the extent above mentioned should be made

Cuddapah. Here also the season is the principal cause of short outlay, and the evidence adduced makes the reason manifestly a good one. The difference between the average from May to September, and that of the same period in 1874 is, summarized as submitted in abstract

Taluq		Average	1874
Jammalamadagu	inches	14.60 —	13.17
Proddatur	"	18.84 —	43.35
Budwail	"	15.12 —	29.34
Sidhout	"	18.82 —	42.38
Pullempett	"	16.47 —	29.90
Cuddapah	"	18.82 —	49.05
Pulivendla	"	19.24 —	31.67
Royachoty	"	14.32 —	35.12
Kolhad	"	15.57 —	26.05
Madanapilly	"	12.82 —	33.76
Kudry	"	12.05 —	36.37
		176.67 —	388.16
Average		16.06 —	35.29

The statement of rainfall for the several months of 1874 shows also that only in August since the 1st May, was any dry weather available.

Chingleput In transmitting the usual

usual statement of expenditure the Superintending Engineer remarked that explanation as to short outlay would be submitted when received from Range officers. Colonel Moberly should not have been dependent upon these officers for information on so important a subject - he might have needed their explanations on particular points, but with regard to the difficulties in the way of even moderate progress and as to the means of overcoming such difficulties already, or to be, introduced, he should have been fully informed, seeing that these matters should have engaged his earnest attention for months past, and it would have been satisfactory had a full report of this kind been submitted.

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Salem. The weather is reported to be the cause of inadequate expenditure; but it is considered that had the earlier part of the year been made good use of, more might have been done than was accomplished.

6. In several Districts the expenditure on minor new works was only nominal. With so little money to spend & such a vast amount of work to be done, the selection of works to be carried out could generally be made long beforehand and in the North East Districts the grant should be soon

be entirely worked out by the end of the first half year. Indeed in no case would more than 3 months be required. Much the largest amount was expended in Tanjore, but this District possesses no exceptional facilities for carrying out such works. It does not appear to be desirable at present to withdraw money from those Districts in which outlay has fallen short, but on the receipt of the statements for December it will be necessary to make at once such transfers as may be indicated to be requisite, and unless District Engineers explain very clearly that their grants will be fully utilized such transfers will be made without further reference to them.

Camp at Trevandrum
20th November 1876.

Lt Colonel Hobbs
Chief Engineer for Irrigation

To
The Secretary to Govt P.W.D.

and

Despatched 19/11/75.

S39 - 055 - 1681 - 474

be entitled to rental not less than

P. W. 1874 Sept.
Pro. of Govt for Irrig
No: 948 A. No: 7501

From
The Chief Engr for
Irrigation

To The Secretary to
Government
P W D

Dated 20 } November
Dispd 26 } 1874
Recd. 30 Nov.

Enclosure 1 Statement

E.A No. 144 18-1-75

Note on the Statement of outlay on Repairs and Minor new works agricultural for the Month of September 1874.

393

R.C.S. 12-74 R. 1655 & 6 in 4-12-74 R.S. 12-74

The Secretary to Govt P.W.D.

Public Works Department

Proceedings of the Madras Government

Read the following

From The Chief Engineer for Irrigation } No. 948 A. dated 20th November 1874

144

The statement of expenditure on repairs and minor new works agricultural with the consents of the Chief Engineer for Irrigation therewith, explain the progress of works of these descriptions during the first half of the current year.

2 The general results are satisfactory, and in the case of only two Districts, Bellary and

1875.

and Chungleput, has progressed with repairs been together inadequate, and accounted for by the sufficient causes of the last dry season has been very remarkably unfavourable to Public works operations - In Salem the progress has not been satisfactory, but it is hoped that lost time may be made up for in the second half of the year.

3. The arrangements made and proposed to be made, as detailed in paras 3 & 4 of the Chief Engineer's Note are approved

Colonel Moberly has especially [illegible] duties & responsibilities as a Sup[erintending] Engr & will now report fully on the subject in question.

Col. Moberly's letter on Irrigation Tanks

4 The particulars of outlay on minor new works show that in some Districts the importance of these has even yet not been fully recognized, and in nearly every District the Officers of the P.W.D. must be prepared to make much more rapid progress than has hitherto been effected, for it will take many years, with a vastly increased expenditure under this head, to render existing irrigation works safe and efficient.

Mys 24/11/74

To The Chf Engr for Irrn
- All S. Engrs [illegible] Exemptg Bangalore, N. Canara, and Malabar.
- D. Engrs
- The Controller Mar[ine] & Desp[atch] do 19/1/75.

7501

Govt. of India

PUBLIC WORKS.

To The Chief Engr. for Irrigation

Dated

Rec'd Ans'd /

From 18 January No. 145

No. 303-304

Minor New Works Agricultural - Passing orders on Note by the Chief Engineer for Irrigation submitting Statement of expenditure on repairs and Minor New Works Agricultural for the month of Septr 1874 ——