M.R.O. 1—77,006—8-6-37.

(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. 911, 912, 913	2972	Press / Mis.
Dated	16-12-1872.	

Not to be folded or roughly handled

No. 311. Read the following letter from the Acting Chief Engineer for Irrigation, to the Secretary to Government, Public Works Department, dated Fort St. George, 15th November 1872, No. 272:—

WITH reference to your memorandum, No. 133, dated 28th ultimo, I have the honour to enclose a statement of the outlay throughout the Presidency under Minor New Works and Repairs, Agricultural, up to 30th September 1872.

One statement.

2. In the 1st Division the expenditure is satisfactory except in the Ganjam District. There, under Repairs, the expenditure in the half-year has been three-tenths and the estimates sanctioned are two-thirds of the allotment. In Vizagapatam the expenditure is five-sixths of the allotment, but no application has been received for further funds.

3. In the 2nd Division the sanctions amount to nearly double the sums allotted. The attention of the Superintending Engineer has been called to this, and it has been pointed out to him that estimates for repairs, if the work is postponed for any lengthened period, as it must be if the estimates are far in excess of the allotments of the year, cease to provide for the actual requirements of the works before they are carried out and hence afford no guide to the executive agents or contractors entrusted with the works. The expenditure in the Kistna is five-sevenths, and that in Nellore three-eighths of the allotments. The allotment for the former was reduced by Rs. 12,900 in G. O., No. 1,671 of 11th July, and the Superintending Engineer requests that a sum of Rupees 15,000 may be reallotted to the Kistna by a reduction to that amount from the allotment for Nellore if not available from other sources, and this I would recommend. Looking, however, to the fact of estimates to the amount of Rupees 1,65,299 having been sanctioned in Nellore, and supposing it to afford a criterion of the requirements of the district, it would not appear to be advisable to restrict the expenditure in Nellore in any way, and the Superintending Engineer should be permitted to push on with the works as rapidly as possible, funds being provided later in the year up to Rupees 80,000 if necessary, if the allotment* as now reduced proves to be insufficient.

No. 119, 30th October 1872.

* Rupees 65,000.

4. The expenditure in No. 3 Division on repairs is very unsatisfactory as also the sanctions in the Cuddapah District on Minor New Works. Both the sanctions and expenditure are very unsatisfactory. The late Acting Superintending Engineer's attention was called to this, but his explanation relative to the matter is far from satisfactory. It is due to him, however, to observe that the short expenditure in the early part of the year was due to carelessness and maladministration on the part of his predecessor. The Superintending Engineer was directed to state after September what funds, if any, he would wish to surrender, but has not yet done so.

	Sanctions.	Expenditure.
Bellary	$\frac{15}{17}$	$\frac{1}{4}$
Cuddapah	$\frac{8}{15}$	$\frac{1}{16}$
Kurnool	$\frac{4}{6}$	$\frac{1}{4}$

No. 1,450, of 21st September.

5. In the 4th Division the sanctions and expenditure are as per margin. The latter is very small, but the Superintending Engineer explains that the cause of the short expenditure is that, though the works rendered necessary by the late cyclone are under progress as many of the estimates are still unpassed, but small payments have been made for work executed, and that he hopes the full allotments will be expended. The sanctions and expenditure on Minor New Works are very unsatisfactory. This is due to the estimates having been detained in the Collectors' offices, as stated by the Collector in his letter on which G. O., No. 2,487, dated 22nd October 1872, was passed. The estimates appear to have been called for by the Superintending Engineer, and have been returned to the Range Officers for revision.

	Sanctions.	Expenditure.
Presidency	$\frac{1}{4}$	...
Chingleput	$\frac{1}{2}$	$\frac{1}{18}$
North Arcot	$\frac{4}{5}$	$\frac{2}{15}$

No. 3,174, 24th October 1872.

	Sanctions.	Expenditure.
Chingleput	$\frac{1}{43}$	...
North Arcot	$\frac{1}{5}$	$\frac{1}{8}$

6. The allotments in the 5th and 7th Divisions and in Tanjore are being well worked up to; but in Trichinopoly the sanctions and expenditure are about two-thirds and two-sevenths of the allotments, respectively.

7. In the 8th Division the sanctions and expenditure are as per margin. The Superintending Engineer being called on to afford explanation relative to the short outlay in Madura states that he is "not prepared to give any special explanation of the cause of the small expenditure," and has applied for an increase in the allotment for the division to the sum originally* sanctioned but which was reduced to Rupees 1,21,400 in G. O., No. 1,671, of 11th July 1872, and requests that the amount may be distributed as follows:—

	Sanctions.	Expenditure.
Madura	$\frac{4}{5}$	$\frac{2}{7}$
Tinnevelly	$\frac{15}{14}$	$\frac{2}{3}$

No. 3,384, dated 25th October 1872.

No. 3,291 of 22nd October.
* Rupees 1,38,000.

	Rs.
To Tinnevelly	92,000
„ Madura	46,000

8. With regard to short expenditure generally under Agricultural Repairs and Minor New Works, I may observe that it appears to be generally due to the following causes:—

1*st*.—To estimates to the amounts of the allotments not being sanctioned till late in the year and to the working season being in a great degree lost in consequence.

2*nd*.—To the Members of the Department of Public Works in many districts looking to the Revenue Department to take the initiative in selecting works to be repaired instead of selecting them themselves.

3*rd*.—To the subordinates or Range Officers not being informed of the amount which can be made available for their Ranges and up to which, or to twenty-five per cent. beyond which, they may submit estimates. When subordinates are informed of the amount to which estimates will be passed for their charges they

are far more likely to be careful in selecting works and in estimating for them than when estimates are submitted without any limit and without a possibility of many of them being passed.

9. With regard to No. 1 I have to remark that estimates to the amount of about seventy-five per cent. on the average allotment of a year should be ready for sanction by the end of November at the latest; full advantage can then be taken of the working season. All estimates under Rupees 500 ought then to be completed by the end of March. The larger estimates are not cancelled at the end of the official year, and arrangements should be made for the work under them being carried on uninterruptedly. Now the system in some districts is that all estimates for repairs are cancelled at the close of the official year, and the consequence is that two of the best working months are lost. If full advantage is not taken of the working season and of periods when labour is abundant, the Public Works Officers have to compete with the cultivators for labour and more or less interfere with agricultural operations, and this is to be deprecated.

10. By November the expenditure has probably amounted to fifty per cent. or more of the allotments, and hence estimates sanctioned to seventy-five per cent. of the average allotments would bring the sanctions up to about twenty-five per cent. in excess of the allotments. Sanctions to this extent are admissible under G. O., No. 44, dated 6th January 1866; but, if work is required and can be done in excess of the allotments, it could be provided for by sanctioning estimates for the following year and by putting the works in hand on the condition that payment shall be made for them after the commencement of the new official year. Where work is executed by contract and the Department has obtained the confidence of the people there will be no difficulty in getting work done on these terms.

11. In the districts generally sufficient advantage is not taken of the sanction accorded in G. O., No. 44, and, as it is impossible to work out all the estimates in hand to a day, in the middle of the working season, when the official year unfortunately terminates, if estimates are sanctioned only up to the allotments the expenditure must inevitably fall short of the allotments.

12. With regard to No. 2 I have to observe that after a very short stay in a Range the Range Officers must know far more of the requirements of the works in their Ranges than any Member of the Revenue Department, under the present system, can possibly do, and, though gladly availing themselves of any information from the Revenue Department relative to the requirements of particular works, the Range Officers should not depend upon that Department for information but should act upon their own knowledge of the requirements of their respective charges.

13. If attention is paid to the points adverted to in paragraphs 8 to 12 there is but little doubt that the allotments might be fully expended; but this would be more certainly attained if appropriations to the amount of 5 or $7\frac{1}{2}$ per cent. in excess of allotments were permitted, as recommended in Note No. 271, dated 14th November 1872.

No. 312. *Statement of Amounts sanctioned and expended on Repairs and Minor New Works, Agricultural, during the current Official year up to 30th September* 1872.

Districts.	Allotments for Repairs.	Amounts of estimates sanctioned.	Amounts expended.	Allotments for Minor New Works.	Amounts of estimates sanctioned.	Amounts expended.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Ganjam	30,000	19,559	8,909	1,000	788	494	
Vizagapatam	17,500	17,244	14,512	500	480	75	
Godavery	1,73,500	1,44,254	87,140	6,000	5,981	4,296	
Kistna	83,000	1,62,783*	60,031	5,000	7,513†	2,031	
Nellore	80,000	1,65,209‡	29,403	5,000	5,033§	2,107	
Bellary	51,500	44,752	12,773	4,000	1,666	394	
Cuddapah	65,000	38,587	6,062	4,000	1,241	114	
Kurnool	25,000	19,918	6,337	2,000	519	366¶	
Presidency	3,000	760	.....	.....	.....	...	
Chingleput	1,10,000	51,778	6,345	5,000	116	...	
North Arcot	1,85,000	1,44,191	24,165	6,000	1,221	757	
South Arcot	1,15,000	1,13,224	53,480	6,000	5,770	2,604	
Salem	53,000	70,826	42,363	2,000	1,619	1,410	
Tanjore	1,55,000	1,54,852	73,615	10,000	9,696	7,987	
Trichinopoly	81,000	56,034	23,765	3,000	2,416	658	
Coimbatore	60,000	59,474	44,619	2,500	2,248	1,669	
Malabar	1,100	1,100	472	500‖	.....	...	
Madura	50,000	40,951	14,763	3,000	3,000	1,110	
Tinnevelly	71,400	76,556	46,376	7,500	7,125	2,483	

	Rs.	Rs.	
*	1,09,026	2,348	of 1872-73.
	53,757	5,165	Incomplete works of 1871-72.
	1,62,783	7,513	Total.
†	The Range Officer's attention has been again called to the necessity for utilizing their allotments.		
‡	48,202	1,599	of 1872-73.
	1,17,097	3,434	Incomplete works of 1871-72.
	1,65,299	5,033	Total.
§	Rupees 20 have been since recovered in the accounts.		
¶	Application for transfer to Coimbatore District has been submitted to Government.		

(Signed) R. F. OAKES, Major, R. E.,
Acting Chief Engineer for Irrigation.

FORT ST. GEORGE,
15th November 1872.

No. 313. ORDER THEREON, 16th December 1872, No. 2,972.

ACCOUNT, No. 26.

THE Note by the Chief Engineer for Irrigation on the actual outlay on Agricultural Repairs and Minor New Works for the first half of the current official year will be communicated to all District Engineers.

2. In various Orders, the last as recent as the 23rd November, every call upon the Government has been responded to by grants to the full amounts required; and it rests with Executive Officers to make the most of the ample funds supplied them, taking care at the same time to utilize them methodically and to the best purpose; discriminating, therefore, as to the comparative urgency of the requisitions made on them either by the ryots direct or through the Revenue authorities. It will be one of the chief duties of District Engineers in taking up their new appointments to systematize and regulate the work of Agricultural Repairs and Improvements.

3. His Excellency the Governor in Council is of opinion that the system hitherto in force of distributing the entire Agricultural allotment between the various districts, at the commencement of the official year, has not worked well. The months of April and May especially, during which many works of the preceding official year ought to be completed and paid up in full, would appear to have been lost by suspension of work and payments in consequence of local maladministration by Superintending Engineers or misunderstanding of departmental orders by Executive Subordinates.

4. It should be generally understood and acted on that the fact of the official year closing on the 30th March does not in the slightest degree affect works of any kind already in progress and for which funds have been more or less fully appropriated. Such works have, in fact, prior claims to be provided with funds for their completion or further progress in the ensuing year, and that such funds will be provided should be taken for granted by all Executive Agents. It will not be necessary, however, to place at the disposal of District Engineers on the 1st April more than the sums named in the accompanying list, representing roughly three months' average outlay of each district on Agricultural Repairs according to the current year's allotments. The remainder of the grant will be at the disposal of the Chief Engineer for Irrigation, at the rate of one lakh monthly, and will be allotted by him from time to time to the different districts according to their necessities and capabilities of utilizing the money, which he will ascertain in direct communication with District Engineers. These latter, having their wants for April and May well provided for to start with, will keep him informed of the nature and amount of the demands which they ought to meet. They will not indiscriminately ask for funds for all estimates sanctioned, but not acted on, in the previous year, but cause such as may require them to be revised. They should not make calls on account of works which the Executive Officers are not prepared to take in hand within a reasonable period, and in case of works which are likely to occupy more than the current season they should, when sanctioning them, distinctly notify the allotments

respectively required for it and for the ensuing year. Most large estimates sent in after the close of the north-east monsoon, in November, will come under this ruling.

LIST.

	Rs.
Ganjam	7,500
Vizagapatam	4,500
Godavery	40,000
Kistna	20,000
Nellore	20,000
Cuddapah	15,000
Kurnool	6,000
Bellary	12,000
Presidency	1,000
Chingleput	30,000
North Arcot	30,000
South Arcot	30,000
Salem	12,000
Tanjore	40,000
Trichinopoly	20,000
Coimbatore	20,000
Malabar	1,000
Madura	12,000
Tinnevelly	20,000
Total...	3,41,000

(True Extract.)

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

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

Exd. A. S. Rodgers.

No. 119

Superintending Engineer's
Office, 2nd Division.
Bezwadah 79
30th October 1872.

From R. Smith Esquire,
Offg. Superintending Engineer
2nd Dn.

To Major R. H. Oakes RE
Ag. Chief Engineer
for Irrigation.

Sir,

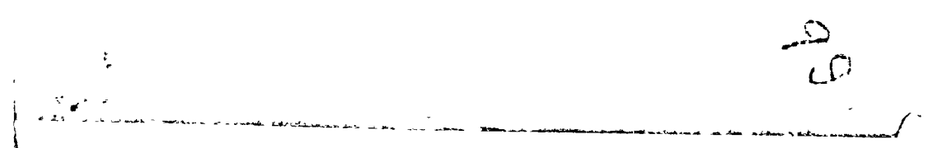
I have the honor to request you will be good enough to obtain immediate sanction for an additional allotment of Rs 15,000 for Agricultural repairs in the Kistna District. The expenditure, under this head, upto the end of last month (September) was Rs 60,031, out of an allotment of Rs 83,000, and if extra funds are not speedily placed at my disposal, much trouble and inconvenience will

will be the result.

I have the honor to be
Sir
Your Most. obed. Servt.

J Smith

Actg Sub. Engr. 2nd Div.



From The Offg. Supg. Engr.
C.L. 7282 nd. Dr.
To The Ag. Chief Engineer
for Irrigation
Madras.
Dated 30th Octobre 1872.
Received 6 Nov. 1872.
No. 119
Requesting immediate
sanction for an
additional allotment
of Rs 15,000. for
Agricultural Repairs
in the Kistna District.

Statement of amounts sanctioned & expended on Repairs & minor new works Agricultural during the current official year up to 30th September 1872

Districts	Allotments for Repairs	Amounts of estimates sanctioned	Amounts expended	Allotments for minor new works	Amounts of estimates sanctioned	Amounts expended	Remarks
Ganjam	30,000	19,559	8909	1,000	788	494	
Vizagapatam	17,500	17,244	14,512	500	489	75	
Godavery	173,500	144254	87,140	6,000	5981	4,296	
Kistna	83,000	162,783	60,031	5,000	7,513	2031	109026 + 53757 = 162783 Total. 2348 + 5165 = 7513 Total. ✓ 1872-73 Incomplete works of 1871-72
Nellore	80,000	165,299	29,403	5,000	5,033	2107	48202 + 117097 = 165299 Total. 1599 + 3434 = 5033 Total. ✓ 1872-73 Incomplete works of 1871-72
Bellary	51,500	44,752	12,773	4,000	1666	394	
Cuddapah	65,000	38,587	6062	4,000	1241	114	The Rawd Meers attention has been again called to the necessity for utilizing their allotments
Kurnool	25,000	19918	6,337	2,000	519	366	✓ Rs 20 have been since received in the accounts
Presidency	3,000	760	"	"	"	"	
Chingleput	110,000	51,778	6345	5000	116	"	
North Arcot	185,000	144191	24165	6,000	1221	757	
South Arcot	115,000	113224	53480	6,000	5770	2604	
Salem	53,000	70826	42,663	2,000	1619	1410	
Tanjore	155,000	154852	73,615	10,000	9696	7987	
Trichinopoly	81,000	56,034	23765	3,000	2416	658	
Coimbatore	60,000	59,474	44,619	2,500	2248	1669	
Malabar	1,100	1,100	472	*500	"	"	* Application for transfer to Coimbatore has been submitted to Govt
Madura	50,000	40951	14,763	3,000	3,000	1110	
Tinnevelly	71,400	76,596	46376	7,500	7125	2483	

Fort St George
15 November 1872

L. T. Pike Major R.E.
Acting Chief Engineer for Irrigation

53

Secret

9th Sept 8

2972

Proceedings of the Madras Government

Under date the November 1872

Read the following

From the Actg Chf Engr

for Irrigation. (Secretariat No 2720 15th Nov 1872)

The note by the Chief Engineer for Irrigation on the actual outlay on Agricultural Repairs and Minor new works for the first half of the Current Official year will be communicated to all District Engineers

In various orders the last as recent as the 23rd November every call upon the Government had been

Received in Office 27th Nov 1872

Entered in Diary

Copied 4th Dec 72

responded to by grants to the full amounts required; and it rests with Executive officers to make the most of the ample funds supplied them, taking care ~~to~~ at the same time to utilize them methodically and to the best purpose; discriminating therefore as to the comparative urgency of the requisitions made on them either by the Ryots direct or through the Revenue authorities. It will be one of the chief duties of District Engineers

on taking up their new appointments to systematize and regulate the work of Agricultural Repairs and improvements.

His Excellency the Governor in Council is of opinion that the system, hitherto in force, of distributing the entire Agricultural allotment between the various Districts, at the commencement of the official year has not worked well. The months of April and especially May, during which many works of the preceding

official year ought to be completed and paid up in full, would appear to have been lost by suspension of works, payments in consequence of local mal-administration by Supt Engineers, or misunderstanding of departmental orders by Executive Subordi-nates.

It should be generally understood and acted on, that the fact of the official year closing on the 30th March does not in the slightest degree affect works of

any kind already in progress and for which funds have been more or less fully appropriated. Such works in fact prior claims to be provided with funds for their completion, or further progress, in the ensuing year; and that such funds will be provided should be taken for granted by all Executive Agents. It will not be necessary however to place at the disposal of District Engineers on the 1st April

as may require it to be revised. They should not make calls on account of works which the Executive officers are not prepared to take in hand within a reasonable period; and in case of works which are likely to occupy more than the current season, they should, when sanctioning them, distinctly notify the allotments respectively required for it and for the ensuing year. Most large estimates

sent in after the close of the North East monsoon, in November, will come under this ruling.

List

Ganjam	Rs 7,500
Vizagapatam	" 4,500
Godavery	" 40,000
Kistna	" 20,000
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Bellary	" 12,000
Presidency	" 1,000
Chingleput	" 30,000
North Arcot	" 30,000
South Arcot	" 30,000
Salem	" 12,000
Sanjore	" 40,000
Tziehinopoly	" 20,000
Coimbatore	" 20,000
Malabar	" 1,000
Madura	" 12,000
Tinnevelly	" 20,000
Total	Rs 3,41,000

Dehra 19/12/52

No. 5646

Govt. of {1872} Madras.

PUBLIC WORKS.

To The District Engineers

Dated

Recd. Encl. /

G. O. 16th Dec. 1872, No. 2972

Nos. 311 to 313

Survey in Agricultural Repairs

Superior New Works. Taking