

Financial (1899) Department.

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[Despatch Abstract.]

Recording endorsement of P.W. Dept forwarding
copy of Finance Accounts of the Famine Relief works
in charge of the Public works Dept, Madras, for
1898-99.

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14.12.99

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Public Works (1899) Department.

CURRENT No. 4719



Sub CURRENT No. 4272

No. 4951 Cd/5 "December 1899

From

The Examiner P.W. Acc

Forwarded to the Financial Department with reference to para 6 of the G.O. in that Department No. 51. Financial of 20 January 1898.

No. 3930/B/B

Under Secy to Govt P.W.D.

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Spare copies

To The Financial Deptt with the Finance Accounts

Recd & Regd 7-12-99 ✓

SUBJECT.

Finance Accounts of the Famine Relief Works in Charge of the P.W.D. for 1898

G.O.	No.	Department.	Date.
ms	99	Int	ms 1-99

FILE

OF THE

FOR THE YEAR

1898-99

No 3930 $\frac{B}{B}$ dated 30th November 1899.

Submitted to the Secretary to the Government of Madras, Public Works Department, with reference to paragraph 3 of G.O., No. 433 W., dated the 21st February 1898.

H. Ramier

MADRAS,
23th November 1899.

Offg. Examiner, P.W. Accounts,
Madras and Coorg.

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MADRAS PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

33. FAMINE RELIEF WORKS IN CHARGE OF THE PUBLIC WORKS DEPARTMENT.

Memorandum to accompany the Finance Accounts for the year 1898-99.

The following is a brief *resumé* of affairs connected with Famine Relief operations carried out by the Public Works Department in Madras during 1898-99, as contained in the Finance Accounts of the Department for that year, but which have been printed separately for the information of Government in the Financial Department with reference to G.O., No. 51 F.D., dated the 20th January 1898, paragraph 5.

2. In the preliminary estimate prepared by the Board of Revenue and accepted by the Revenue and Financial Departments, a sum of Rs. 4,45,000 was set down as the estimated expenditure to be incurred on famine-relief works in charge of Public Works officers, but this amount was raised to Rs. 4,50,000 by the Government of India in their Resolution, No. $\frac{19}{B.O.}$ A.C.W., dated 22nd March 1898. This estimate, as may be expected, was a very rough one and merely conjectural, as it was framed at a time when it could not be foreseen with certainty whether relief measures would actually be required, or, if so, to what extent they would be needed. Later on in the year when the requirements on this account were slightly better known, a revised or modified estimate was submitted by the Board of Revenue, and this estimate as approved by the Financial Department amounted to Rs. 1,46,000, while the revised estimate as passed by the Government of India in their Resolution, No. $\frac{17}{B.O.}$ A.C.W. of 20th March 1899, amounted to Rs. 7,000.

3. The estimates were not distributed by heads of account, so no comparison between outlay and grant can be made by major and departmental heads. The total outlay and adjustments carried out during the year under all heads amounted to Rs. 11,585 or Rs. 4,585 in excess of the revised estimate.

4. The bulk of the outlay was incurred under the head "Establishment" and represents chiefly:—

(1) Arrears of salaries of temporary and other establishments of the previous year paid during the year under review.

(2) Grant of full instead of half pay to certain members of the establishment for the first two months of furlough or sick leave pay under the concessions sanctioned by Her Majesty's Secretary of State for India to officers employed on famine duty and to a special deputation allowance sanctioned by the Government of India to a senior accountant posted to a famine division.

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(3) Adjustment in the accounts of the Public Works Department of the pay of paymasters (entertained by the Civil Department) and pay and deputation allowances of Inspectors and Sub-Inspectors, &c., of the Salt and Abkari Departments who were temporarily deputed to the Public Works Department for famine duty.

(4) Entertainment of small temporary establishment for short periods during the year for closing accounts and clearing up arrears of work in the divisions affected by the late famine.

5. The charges under tools and plant mainly consist of the purchase of office furniture required in connection with famine-relief works in the Kurnool division and which was sanctioned by Government in their Order, No. 1224 W., dated 6th May 1899.

6. A list of works carried out during the past three years is given as annexure A to this statement.

MADRAS,
28th November 1899.

Offg. Examiner, P.W. Accounts,
Madras and Coorg.

ANNEXURE A.

STATEMENT showing the expenditure incurred on "33. Famine-relief Works" during the years 1896-97 (Provincial), 1897-98 (Imperial) and 1898-99 (Provincial).

Division.	Name of particulars or work.	Expenditure		
		During 1896-97.	During 1897-98.	During 1898-99.
	I. RAILWAYS.	RS. A. P.	RS. A. P.	RS. A. P.
	STATE RAILWAYS.			
Ganjam ..	Collection of ballast for the East Coast Railway at Jomi quarry ..	....	5,431 10 1	60 10 9
	Collection of ballast for the East Coast Railway at Ichapuram quarry ..	....	14,073 15 11	71 11 5
	Collection of ballast for the East Coast Railway at Kotahomilli quarry ..	....	4,054 11 6	81 3 9
	Collection of ballast for the East Coast Railway at Palsa quarry ..	....	2,560 8 4	26 5 10
	Collection of ballast for the East Coast Railway at Khansili quarry ..	....	4,006 12 2	40 11 3
	Collection of ballast for the East Coast Railway at Heripur quarry ..	....	5,553 2 5	58 12 8
	Collection of ballast for the East Coast Railway at Parashottapur hill quarry ..	....	4,586 3 8	54 10 7
	Collection of ballast for the East Coast Railway at Chatrapur hill quarry ..	....	3,131 2 8	— 9 11 5
	Total, I. Railways ..	....	43,398 2 9	384 6 10
	II. IRRIGATION.			
	FAMINE RELIEF PROTECTIVE IRRIGATION WORKS.			
	(Capital) Works.			
Ganjam ..	Clearing jungle for levelling operations ..	35 0 6	— 35 0 6	....
	Excavating B. branch of Ichapuram distributary ..	....	8,488 4 2	18 8 5
	Excavating distributary No. 7 from 3 1/2 miles off from 8 to 15 1/2 miles ..	....	12,464 12 5	48 12 1
	Excavating distributary No. 16 from 0 to 2 miles ..	....	9,718 14 11	— 1 6 4
	Total ..	35 0 6	30,636 15 0	65 14 2
	MAJOR WORKS—WORKING EXPENSES.			
	Maintenance and Repairs.			
Kurnool ..	Repairing the bund and deepening famine channel from dam No. 1 across ..	6 0 0	— 6 0 0	....
	Closing breaches and opening the old famine channel Sellala to supply ..	19 8 6	— 19 8 6	....
	Repairing No. 1 minor channel for dry crops from Rajadugudur ..	29 11 0	— 29 11 0	....
	Repairing No. 2 minor channel for dry crops from Rajadugudur ..	49 13 0	— 49 13 0	....
	Raising both banks of main canal from lock No. 31 at 143 miles, 58 chains ..	632 1 7	14,930 11 10	....
	Raising main canal banks between lock No. 1 to Vakilai aqueduct ..	....	....	16 4 5
	Total ..	737 2 1	11,825 11 4	16 4 5
	WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.			
	(Capital) Works.			
Cuddapah ..	Chesed project under sluices at right end of Razole anicut ..	....	37,722 11 3	— 301 7 10
	(Revenue) Repairs.			
Ganjam ..	Clearing silt in the Chilka lake canal ..	....	93 15 1	....
	MINOR WORKS AND NAVIGATION WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE NOT KEPT.			
	Original Works.			
Cuddapah ..	Excavating a channel from the Penner to irrigate lands in Peddapasapula village and supplying it with drinking water ..	....	47,697 8 11	— 170 1 5
	Forming a new tank at Muddanur ..	3 4 0	26,787 10 8	— 252 7 4
	Restoring Lingulu tank ..	....	24,636 0 4	— 281 10 6
	Total ..	3 4 0	99,121 3 11	— 704 3 3
Bellary ..	Completing the Devagundunahalli tank ..	4,824 15 10	42,870 9 2	....
	Improving the Balasaladoddi tank ..	4,081 9 9	16,307 12 8	....
	Narayanadesikara tank, extending supply channel ..	1,327 7 8	15,043 10 9	....
	Total ..	10,234 1 3	74,222 0 7	....

Statement showing the expenditure incurred on "33. Famine-relief Works," &c.—cont.

Division.	Name or particulars of work.	Expenditure		
		During 1896-97.	During 1897-98.	During 1898-99.
	<i>Original Works—cont.</i>			
Gódvári Eastern.	Clearing jungle for surveying and levelling the ruined tank at Mahadarsipuram ..	RS. A. P. 3 2 0	RS. A. P.	RS. A. P.
	Total ..	3 2 0	....	....
Vizagapatam.	Digging a tank in Kondakerlu relief work ..	....	4,315 12 9	2 0 0
Nellore ..	Nandanavaram tank ..	....	1,875 12 11	237 6 11
	Total, Original Works ..	10,240 7 3	1,79,534 14 2	468 12 4
	<i>Repairs.</i>			
Cuddapah ..	Repairing the Chinnadandular channel ..	....	14,235 2 7	9 6 0
	Do. Poddasetti channel, Major No. 35. ..	....	10,245 6 3	73 15 0
	Do. Sivapuram tank. ..	....	15,362 6 8	119 0 0
	Do. Paidikalava ..	....	6,474 3 1	53 1 0
	Do. Samudrampalli channel ..	....	2,444 5 11	30 10 0
	Do. Sunkasila, Nallakunta tank ..	1,011 3 0	....	....
	Do. Settivaripalli tank ..	....	25,305 1 1	99 2 7
	Total ..	1,011 3 0	74,066 9 7	385 2 7
Gódvári Eastern.	Repairing Pedapatirini tank of Kattupalli ..	....	426 3 8	....
	Closing breaches in Surampalium anicut channel. ..	....	62 4 8	....
	Constructing a ramp or groyne to the Gódvári river ..	....	610 7 6	....
	Clearing silt from Dumagudu channel ..	....	1,018 1 8	....
	Repairing Gangoli tank ..	....	3,419 11 6	....
	Total ..	....	5,536 13 0	....
Kurnool ..	Repairing Byrappa tank of Gavalukunta ..	1,895 8 3	1,895 8 3	....
	Do. Muchaveerappa tank of Kurukundu ..	1,423 5 11	1,423 5 11	....
	Do. Chinnam Coimbatore tank ..	....	22,527 4 0	91 9 10
	Do. Yadavuda tank ..	....	6 2 8	6 2 8
	Do. Gudipad tank ..	....	9,033 0 1	....
	Do. Rudraveram tank ..	....	2 4 0	....
	Do. Nassam tank ..	....	11,086 4 7	....
	Total ..	3,318 14 2	30,336 1 2	85 7 2
Bellary ..	Examining and closing leaks in the sluice of Chinnathambalam tank ..	58 3 8	2,159 8 5	....
	Repairing Ravalar-Chervu channel ..	....	14,704 2 4	....
	Clearing Fort ditch (Bellary) ..	....	4,953 1 8	....
	Repairing Ellakunta tank ..	....	4,953 1 8	....
	Do. Peroor tank ..	37 3 6	3,465 15 10	....
	Do. Adóni tank ..	....	4,255 5 1	....
	Do. Sheksavapully tank ..	....	3,648 7 1	....
	Do. Abbedoddi tank ..	....	3,839 10 9	46 6 0
	Do. Anantapur tank ..	....	2,417 8 3	....
	Do. Guddalikunta tank ..	....	9,990 11 8	....
	Do. Moratla tank ..	....	19 14 2	....
	Do. Amidala tank ..	....	1,119 14 11	....
	Do. Kunatur tank ..	....	2,226 7 3	....
	Do. Avamoadagu tank ..	....	15,030 2 7	....
	Do. Alamoor tank ..	....	3,519 1 1	....
	Do. Singampalli tank ..	85 14 2	4,077 3 11	....
	Do. Nagulapur tank ..	....	2,231 12 7	....
	Do. Potlawarry tank ..	....	23 8 0	....
	Do. Komminasakala tank ..	....	206 2 10	....
	Do. Vangunoor tank ..	....	263 4 4	....
	Do. Chinnakuntapalli tank ..	....	126 1 9	....
	Do. Devakottupalli tank ..	....	95 6 3	....
	Do. Sanugalugudur tank ..	....	6 0 0	....
	Extending Hossainpoom channel ..	....	9 3 2	....
	Repairing Puniapalli tank ..	....	17 13 4	....
	Total ..	181 5 4	78,430 4 3	4,907 1 8
	Total, Repairs ..	4,511 6 6	1,97,369 12 0	5,206 13 1
	<i>Agricultural—Original Works.</i>			
Vizagapatam	Embanking the surplus channel from Poddapalam river channel ..	....	11,995 2 5	....
	Training Surada river below Maikulam ..	....	6,703 9 7	2,752 13 2
	Total ..	....	18,698 12 0	2,792 13 2
	Total, II Irrigation ..	15,524 0 4	4,78,882 10 10	3,102 1 6

Statement showing the expenditure incurred on "33. Famine Relief Works," &c.—cont.

Divisions.	Name or particulars of works.	Expenditure		
		During 1896-97.	During 1897-98.	During 1898-99.
	III. CIVIL WORKS.	RS. A. P.	RS. A. P.	RS. A. P.
	INCORPORATED LOCAL CIVIL WORKS.			
	Communications—Original Works.			
	Investigation of roads, Kurnool division ..	114 7 11	54 5 4	....
	Road from Koilkuntla to Allagedda ..	4,248 3 0	1,18,514 0 2	27 5 8
	Jaharapuram road ..	....	61,658 11 4	16 11 2
	Owk-Koilkuntla road ..	....	1,74,049 7 1	62 0 1
	Forming road from Kothacheravu to Pyápali ..	....	4,352 15 8	....
	Constructing road from Cheruvu Belligal to Gudur ..	....	55,550 12 1	....
	Do. road from Kodanur towards Yem-miganóru ..	....	88,428 14 8	1,478 13 9
	Do. Kurivembla-Adóni road ..	....	1,07,834 9 6	....
	Do. Pathikonda-Mogalavally Railway Station road ..	....	54,817 4 0	....
	Do. road from Pyápali to Ráyalcheruvu road ..	....	10,389 2 6	....
Kurnool ..	Forming road from Pendayakal Railway Station to Rapatla ..	....	11,769 1 11	....
	Constructing road from Malkepuram Railway Station to Racherla ..	....	46,317 4 4	0 0 6
	Do. Kalva-Benthemcherla road ..	....	78,961 16 3	487 0 2
	Do. Rangipuram Railway Station road. ..	....	21,054 8 1	72 0 0
	Do. Alamoor-Muthialpad road ..	....	52,843 3 8	14 8 0
	Do. Railway feeder road from Sirvel to Gozalapalli Railway Station road ..	....	45,079 11 5	89 7 6
	Do. Road from Mydkur to Vyvalavadu (via) Rupangudi ..	....	78,220 3 3	20 0 0
	Do. Owk Union road ..	....	2,835 10 9	....
	Do. road from Koliniguntla to Damavada ..	....	69,016 10 7	....
	Total ..	4,362 10 11	10,81,748 7 7	2,267 14 10
	Constructing the road from Waddu to Anantapur. ..	....	17,515 8 2	166 9 9
	Do. the road from Halaharivi to Holalgundi ..	....	86,759 10 3	....
	Do. the road from Yemmiganóru to Kosgi ..	....	93,084 7 8	....
	Do. Paltoo-Padpatri road ..	....	30,285 12 2	....
Bellary ..	Do. Padpatri-Yellanur road ..	....	60,428 1 10	3 0 0
	Do. Kommamalai-Kondaparam road ..	....	31,465 14 8	8 6 6
	Do. Pennair-Pendayakulu road ..	....	31,096 3 9	....
	Do. Vijiakaroor-Gooty road ..	....	11,242 12 2	....
	Do. Paltoo-Rupangudi road ..	....	35,003 3 10	....
	Total ..	....	3,96,881 10 6	161 3 3
Nellore ..	Improving the existing track into a metalled road from Nathalur to Pamur ..	....	190 5 8	4,763 7 8
	Repairs and improvements to Kanigiri-Pamur road ..	....	....	2,611 7 8
	Total ..	....	190 8 8	7,374 15 4
	Carrying sand across road to Nathalavasa ..	....	8,780 8 5	....
	Constructing Elamanchilli-Royaveram road ..	....	2,020 9 2	....
	Do. Bobbili-Akulakunta road ..	....	1,519 6 3	....
	Do. trunk road to Chicacole ..	....	7,838 0 2	....
	Do. causeway across Nathalavasa river. ..	....	3,309 4 4	....
	Do. relief work at Veeravalli ..	....	90 15 3	....
	Do. relief work at Veeravalli ..	....	8,394 10 8	....
Vizagapatam	Remetalling the Vizianagram Moodavala ..	....	17,687 10 1	5 0 1
	Breaking and stacking metal at Dakamarri ..	....	26,476 8 7	27 6 9
	Do. at Padbanabham ..	....	3,450 6 6	....
	Constructing a road at Padbanabham ..	....	11,089 2 5	....
	Collection of metal and stacking at Gozwaka ..	....	....	....
	Breaking metal at the foot of the hill at Pendurthi ..	....	23,486 10 0	31 10 4
	Constructing a road at Lavaru ..	....	8,687 2 6	18 10 3
	Breaking and stacking metal at Pasupatirega ..	....	19,690 1 2	46 9 6
	Total ..	....	1,42,520 15 6	129 4 11
Cuddapah ..	Jammadugu-Nassam road ..	....	....	33,573 4 5
	Tolla Proddatur Ragudipalli road ..	....	....	24,880 8 4
	Total ..	....	....	58,453 12 9
	Total, Original Works ..	4,362 10 11	16,21,341 10 3	68,128 9 3

Statement showing the expenditure incurred on "33. Famine Relief Works," &c.—cont.

Division.	Name or particulars of work.	Expenditure		
		During 1896-97.	During 1897-98.	During 1898-99.
	<i>Repairs.</i>			
	Repairing Yerraguntla-Vempalli road	RS. A. P.	RS. A. P.	RS. A. P.
	Do. Pulivendla-Muddanur road	1,004 9 2	1,23,054 9 5	790 10 10
	Do. Proddatur-Jammalamadugu road	2,869 7 6	2,869 7 6	...
	Do. Kondapuram-Sinnadripuram road	3,955 3 0	76,332 13 1	289 3 1
	Do. Muddanur-Jammalamadugu road	97 7 10	44,958 5 0	318 8 10
	Do. Jammalamadugu-Nossam road	3,973 13 9	32,728 12 4	141 10 1
	Do. Jammalamadugu-Arulla road	...	33,753 14 4	33,753 14 4
	Do. Golealur road work	...	31,308 11 2	140 7 3
	Do. road from Talla Proddatur road	...	47,125 12 6	114 10 10
	Do. Muddanur-Kadiri road	...	25,010 14 2	25,010 14 2
	Do. Rugga road	6,276 15 1	96,458 2 0	123 14 8
	Do. Duvvur-Gudipad work	...	27,494 10 4	155 8 8
	Do. Kokatain-Yerragudipad road	...	16,969 12 10	133 13 9
	Do. Royalpuram-Sinnadripuram road	...	31,082 4 11	156 7 11
	Do. Mydkur-Pommamilla road	...	82,850 13 6	304 4 7
	Digging wells for Famine Relief Works	...	18,663 5 10	202 3 6
	...	...	2,927 11 10	241 2 4
	Total	18,177 8 4	6,87,851 1 9	61,395 2 2
	Adoni-Madhavaram road	30,578 8 9	2,55,481 0 5	...
	Adoni-Siruguppa road	11,575 2 9	1,23,908 9 8	...
	Chippagiri road (Alur-Guntakal section)	32,222 8 10	1,95,749 6 9	...
	Bellary-Siruguppa road	7,603 6 11	1,00,065 6 10	...
	Bellary-Moka road	5,178 4 3	38,821 10 4	...
	Bellary-Gooty road	753 4 6	61,559 12 9	...
	Alur-Moka road	19,697 12 0	2,24,468 2 0	18 10 8
	Alur-Aspari road	10,456 5 4	1,57,951 6 6	...
	Alur-Adoni road	10,971 13 4	87,238 8 1	...
	Adoni-Nandavaram road	5,790 8 3	1,16,517 6 5	5 3 1
	Adoni Municipal works	6,732 1 3	9,413 1 2	...
	Dharwar-Ghadiganur road	2,555 9 9	58,264 10 8	...
	Daraji-Matri road	3,491 4 7	36,959 11 5	...
	Guntakal Junction to Cuddapah-Bellary road	1,310 7 0	32,071 0 11	...
	Puthur-Tadpatri road	2,139 9 4	2,139 9 4	...
	Tadpatri-Yellanur road	6,032 8 8	6,032 8 8	...
	Royalcheruvu-Bogusamudram road	1,927 15 4	52,051 5 5	...
	Puthur-Rupangudi road	1,355 5 8	6,505 3 1	...
	Anantapur to Tadpatri road (via) Kondapuram.	85 7 10	45,418 12 8	22 2 0
	Damajapalli-Nayanapalli road	446 3 2	70,385 14 3	...
	Ballabansie road	4 0 0	23,172 7 5	...
	Kosgi-Halvi road	259 2 5	71,193 7 0	31 7 0
	Guntakal Junction feeder road	...	4,959 7 4	...
	Bangalore-Kurnool road	...	17,165 4 8	...
	Gowripur-Kadligi road	...	37,497 5 1	...
	Kowtatam-Kuppagal road	...	52,039 10 10	...
	Anantapur-Tadpatri road—Karapad relief work.	...	26,342 15 6	...
	Do. Parvali relief work.	...	12,503 10 0	...
	Hampasagiri road relief work	...	25,240 7 10	...
	Kadligi to Samalpur road	...	23,010 1 2	...
	Kottical road	...	33,573 4 9	...
	Nagasamudram road	...	1,725 14 2	21 7 0
	Adoni-Alur road	...	31,266 0 3	...
	Bellary-Siruguppa road (Southern section)	...	31,816 15 10	...
	Do. (Takkalakota section)	...	44,753 6 10	...
	Harihall road	...	13,930 12 7	...
	Ittigia-Kottur road	...	16,446 11 1	...
	Boundary to Somalpetta road	...	1,544 11 4	...
	Anantapur to Dharmavaram road	...	14,575 0 1	...
	Yadika-Bogusamudram road	59 9 0	20 8 0	...
	Anantapur-Kaliyandrug road	...	5,730 11 1	...
	Bramnagoalli road work	...	11 14 0	...
	Chittoor-Bombay road	...	2,773 6 11	...
	Kurnool-Gooty road	...	1,242 14 4	...
	Chittoor-Bombay road	...	15,707 8 9	...
	Cuddapah-Bellary road	...	32,976 14 4	11 10 7
	Gooty-Anantapur road	...	82 12 0	...
	Guntakal-Varavakonda road	...	63,342 9 1	...
	Varavakonda-Bellary road	...	486 1 4	...
	Kannimakola road	...	19,763 10 7	...
	Bangalore High road	...	4,875 8 9	...
	Damajipalli-Naynapalli road	...	23,294 11 3	...
	Bangalore-Secunderabad road	...	439 13 10	...
	Chinnakuntapalli road	...	1,484 6 10	...
	Bukkapatnam-Venkalamacheruvu road	...	3,059 7 6	...
	Putupatri road	...	4,921 15 8	...
	Penukonda road	...	1 3 8	...
	Gutur-Kothachernu road	...	3,875 4 5	...
	Anantapur-Rayadurg road	...	1,910 3 11	...
	Garlidinna-Singammala road	...	3,794 3 8	...
	...	...	5,183 11 4	...

Statement showing the expenditure incurred on "33. Famine Relief Works," &c.—cont.

Division.	Name or particulars of work.	Expenditure.		
		During 1896-97.	During 1897-98.	During 1898-99.
	<i>Repairs—cont.</i>	RS. A. P.	RS. A. P.	RS. A. P.
Bellary— cont.	Adoni-Aspari road	...	800 2 4	...
	Dharmavaram-Anantapur road	...	796 14 10	...
	Kalyandrug road	...	13 5 8	...
	Total	1,61,226 14 11	23,44,016 9 2	47 10 4
	Maddikera-Nancherla Railway Station road	6,122 14 4	48,617 8 10	26 0 3
	Pattikonda-Mogulavalli road	573 10 0	573 10 0	...
	Do. do.	4,666 3 3	4,666 3 3	...
	Kodamur-Yemmiganuru road	1,713 11 10	1,713 11 10	...
	Owk-Tadpatri road	9,171 14 8	66,547 9 3	...
	Kalva-Benthemcherla road	4,993 13 11	4,993 13 11	...
	Paniem-Banganapalli road	1,616 11 8	1,03,159 13 5	187 7 8
	Alamoor-Allagedda road	2,368 6 4	19,366 8 0	...
	Road from Chagalmarri to Muthialpad	26 13 10	722 15 2	...
	Owk-Banganapalli road	3,751 6 9	56,570 13 0	88 10 0
	Koilkuntla-Nossam road	1,738 8 1	34,205 8 0	66 3 4
	Muthialpad-Alamoor road	6 9 6	6 9 6	...
	Kutharakonda road (Branch between Gooty and Kurnool)	308 6 11	30,306 2 1	...
	Owk Union road	3 13 11	3 13 11	12 14 5
	Bellary road at Kodamur	...	73,978 5 0	...
	Luddugiri road	...	1,31,810 11 4	...
	Penchilpad to Belligul road	...	1,12,092 2 1	67 12 11
	Kurnool-Gooty road	...	9,096 3 7	6 4 9
	Kurnool-Bellary road	5,493 2 0	5,049 11 10	...
	Kurnool-Nandyal road	...	7,134 2 11	31 7 4
	Koilkuntla-Nandyal road	59 12 0	222 8 9	...
	Koilkuntla-Allagedda road	4,051 7 7	4,051 7 7	...
	Expenditure from advances drawn by Civil officers	15,964 6 4	9,577 3 0	11,337 2 2
	Renewing and re-metalling Chittoor road from Allagedda to Chagalmarri	1,028 1 5	...	...
	Total	63,659 15 4	6,92,448 8 3	10,985 15 4
	Total, Repairs	2,43,064 6 7	37,24,316 3 2	72,333 7 2
	<i>MISCELLANEOUS PUBLIC IMPROVEMENTS.</i>			
	<i>Original Works.</i>			
	Excavating a tank near Pendurthi	...	1,790 12 10	...
	Do. Dorunalluknedu at Laveru	...	1,619 3 5	...
	Digging a well in the relief camp of Gozwaka	...	843 5 11	...
	Do. a drinking-water tank at Gozwaka	...	6,135 3 11	...
	Total	...	10,388 10 1	...
	<i>Repairs.</i>			
	Deepening the pond west of Neelayechatram	...	2,995 1 10	...
	Do. a drinking-water pond at Nathaluvasa	...	322 7 9	...
	Do. sand heap	...	1,490 0 3	...
	Do. a washerman pond at Rega	...	3,000 0 6	...
	Do. a drinking-water pond at Perapuram.	...	...	...
	Clearing and deepening the Bukka Thambu	...	2,912 4 11	...
	Naidu Koneru	...	3,092 1 2	...
	Deepening pond at Pusapatipalium	...	2,495 2 7	...
	Do. in Vempadam	...	364 8 9	...
	Repairing Purushotapuram tank	...	946 13 7	...
	Do. Kannima Koneru	...	2,474 15 2	...
	Do. Bapanamma Koneru	...	...	...
	Total	...	20,093 8 6	...
Bellary	Clearing Fort ditch at Bellary	...	...	4,953 1 8
	Total, Incorporated Local	2,47,427 1 6	53,76,140 0 0	748 3 9
	<i>CIVIL WORKS.</i>			
	<i>Communications—Original Works.</i>			
	Constructing Kallikota-Byrani road	...	24,444 9 1	124 14 2
	Do. feeder road from trunk road to Kota Bomunasa station line	...	3,193 6 9	...
	Do. do. at Golantra	...	557 11 3	0 3 9
	Total	...	28,195 11 1	124 10 5

Statement showing the expenditure incurred on "33. Famine Relief Works," &c.—cont.

Division.	Name or particulars of work.	Expenditure.		
		During 1896-97.	During 1897-98.	During 1898-99.
	<i>Repairs.</i>			
	Aska-Hamma road (Sarasingi quarry)	Rs. A. P.	Rs. A. P.	Rs. A. P.
	Do. (Santhasapur quarry)	....	10,824 13 1	87 14 5
	Trunk road from Berhampore to Ichapur-Rudra hill quarry	....	3,936 1 10	1 1 0
	Jaganathapur-Purushotapuram road (Mukundapur quarry)	....	18,163 0 3	125 14 9
	Jaganathapur-Purushotapuram road collection of metal at Bathukumaradu quarry	....	16,455 14 7	46 5 1
	Digging gravel at Amrapuram quarry	....	3,531 9 0	27 1 1
	Breaking metal at Bendi quarry	....	1,589 9 6	....
	Do. at Jenki do.	....	2,930 0 6	24 7 0
	Do. at Mogal Kader quarry	....	7,149 14 2	36 10 7
	Ichapur-Jaradu road (Jillundu quarry)	....	3,387 15 9	11 8 0
	Collection of metal at Mamidipalli quarry	....	3,768 11 6	18 14 0
	Special repairs to Tekkalai-Anantairi road	....	3,514 3 6	15 15 10
	Collection of metal at Ankoli quarry	....	538 13 7	0 12 0
	Do. at Haradamulli quarry	....	7,923 4 3	37 5 5
	Do. at Langoor quarry	....	1,014 0 9	....
	Gravel quarry at Kojiru	....	1,254 3 9	15 2 1
	Collection of metal at Chudialingi quarry	....	5,554 10 9	25 3 2
	Do. at Rajpur quarry	....	6,115 6 1	4 9 3
	Do. at Ratni do.	....	1,766 15 1	29 8 0
	Do. at Chatrapur Station Hill quarry	....	5,585 12 6	17 13 4
	Do. at Kaliyanapur quarry	....	10,975 13 6	9 10 9
	Do. at Pothura do.	....	14 13 7	....
	Do. at Sabalia do.	....	1,923 6 0	....
	Do. at Pubealsa do.	....	1,451 8 6	3 2 6
	Do. at Haripur do.	....	1,832 11 6	11 6 4
	Do. at Rajpur do.	....	2,390 13 10	....
	Do. at Rajpur do.	....	770 10 2	42 7 7
	Total ..	....	1,24,364 13 6	478 6 2
	<i>MISCELLANEOUS PUBLIC IMPROVEMENTS.</i>			
	<i>Repairs.</i>			
	Clearing silt in Lakshmiapati tank at Chatrapur.	....	4,844 2 3	12 11 7
	Do. in Palicheruvu at Chatrapur	....	7,914 4 10	8 10 4
	Do. in Krishnasagaram at Ichapur	....	589 8 5	0 2 3
	Do. in Uracheruvu at Tekkali	....	1,458 2 2	25 3 1
	Do. in the bed of Kumaranapatrini of Tekkali	....	1,290 13 0	24 4 4
	Do. in drinking-water tank at Mahadevapuram	....	1,831 7 4	27 7 7
	Do. in the bed of Pattamadevi Koneru of Tekkali	....	2,908 7 9	25 3 1
	Do. in Thatrajah's tank at Peddakimedi	....	463 8 10	....
	Do. in Bandimoli tank closed to the Police lines at Chatrapur	....	5,447 7 7	1 13 4
	Do. in Jampanna tank of Barwa	....	7,136 8 5	4 2 8
	Do. in Tholasingi tank	....	873 12 10	....
	Do. in Lutnaji tank	....	470 5 4	....
	Total ..	....	35,228 8 9	91 14 7
	<i>Establishment.</i>			
	Do. ..	11,117 12 4	1,09,267 3 7	3,917 3 7
	Do. ..	4,944 13 1	80,846 8 6	1,980 5 2
	Do. ..	6,315 9 0	52,513 11 6	6,293 12 11
	Do. ..	....	19,749 8 4	931 11 8
	Do. ..	....	13,667 8 0	604 4 7
	Total ..	22,378 2 5	2,76,044 7 11	11,863 14 7
	<i>Tools and Plant.</i>			
	New supplies			
	Do. ..	12,809 0 6	455 5 4	....
	Do. ..	....	16,224 4 10	1,983 0 4
	Do. ..	142 14 7	11,997 0 9	0 14 0
	Do. ..	22,780 2 6	93,611 13 0	....
	Do. ..	128 11 0	590 2 3	....
	Do. ..	25 2 11	992 5 10	....
	Total ..	35,885 15 6	1,23,871 0 0	1,983 14 4
	<i>Repairs and carriage</i>			
	Do. ..	3,500 3 0	49,443 4 1	....
	Do. ..	1,135 14 9	8,899 0 6	1,647 9 0
	Do. ..	3,369 5 3	11,532 10 5	375 12 11
	Do. ..	699 14 1	6,736 11 1	47 2 7

Statement showing the expenditure incurred on "33. Famine Relief Works," &c.—cont.

Division.	Name or particulars of work.	Expenditure.		
		During 1896-97.	During 1897-98.	During 1898-99.
	<i>Tools and Plant—cont.</i>			
	Repairs and carriage	Rs. A. P.	Rs. A. P.	Rs. A. P.
	Do. ..	630 7 9	7,449 13 7	....
	Do. ..	759 13 7	4,917 7 11	21 14 0
	Do. ..	....	6,209 11 10	1,026 10 0
	Total ..	10,095 10 5	95,188 11 5	971 7 4
	Total, Tools and Plant ..	45,981 9 11	2,19,059 11 5	1,012 7 0
	<i>Expenditure in England.</i>			
	Deduct—			
	Expenditure in England ..	....	7,460 0 8	10 13 4
	Exchange ..	....	4,200 14 4	5 7 0
	Total ..	....	11,660 15 0	16 4 4
	Total, Civil Works ..	68,359 12 4	6,71,232 5 8	13,555 0 5
	Total, III. Civil Works ..	3,15,786 13 10	60,47,372 5 8	14,303 4 2
	Grand Total ..	3,31,810 14 2	65,69,653 3 3	11,585 9 6

MADRAS,
28th November 1899.Offg. Examiner, P.W. Accounts,
Madras and Coorg.

Finance Accounts for the year 1898-99—cont.

Revenue.				Reference to schedule.	Funds and Finance heads.	Reference to schedule.	Expenditure.			
1897-98.	1898-99.						1898-99.				1897-98.
Actuals.	Budget estimate.	Revised estimate.	Actuals.				Actuals.	Revised estimate.	Budget estimate.	Actuals.
Rs.	Rs.	Rs.	Rs.				Rs.	Rs.	Rs.	Rs.
PROVINCIAL—cont.										
33. FAMINE RELIEF—cont.										
II.—Irrigation—cont.										
Works for which neither Capital nor Revenue Accounts are kept.										
...	...	...	...	Anantapur district	...	...	46	...	...	64,357
...	...	...	...	Bellary do.	...	...	— 4,953	...	...	88,295
...	...	...	...	Cuddapah do.	...	...	— 1,089	...	...	1,73,187
...	...	...	...	Nellore do.	...	...	237	...	...	1,876
...	...	...	...	Kurnool do.	...	...	85	...	...	39,336
...	...	...	...	Vizagapatam do.	...	...	—	...	...	4,316
...	...	...	...	Godavari do.	...	...	2	...	...	5,537
...	...	...	...	Total, Works for which Capital and Revenue Accounts are not kept	...	A	— 5,676	...	...	3,76,904
...	...	...	...	Agricultural Works.	...	...	...	...	...	...
...	...	...	...	Vizagapatam district	...	...	2,793	...	...	18,699
...	...	...	...	Total	...	A	2,793	...	...	18,699
...	...	...	...	Total, Minor Works and Navigation	...	...	— 3,184	...	...	4,33,420
...	...	...	...	Total, II. Irrigation	...	A	— 3,102	...	...	4,78,883
III.—Civil Works.										
Provincial.										
...	...	...	...	Original works	...	...	125	...	...	28,196
...	...	...	...	Repairs	...	...	570	...	...	1,59,593
					...	B {				

Establishment	...	...	...	C	11,864	...	...	...	2,76,044
Tools and plant	...	...	...	D	1,012	...	...	...	2,19,060
Total	...	...	...		13,571	...	...	...	6,82,893
Deduct—									
Expenditure in England	...	...	...		(a) { 11	...	...	...	7,460
Exchange	...	...	...		5	...	...	...	4,201
Net Outlay	...	...	...		13,555	...	...	...	6,71,232
Incorporated Local Funds.									
Original works	...	...	...	B	68,128	...	...	...	16,31,730
Repairs	...	...	...	B	— 67,380	...	...	...	37,44,410
Establishment	...	...	...		...	...	...	...	...
Tools and plant	...	...	...		...	...	...	...	...
Total, Incorporated Local Funds	...	...	...		748	...	...	...	53,76,140
Total, III., Civil Works	...	...	...		14,303	...	...	...	60,47,372
Total, 33. Famine Relief	...	...	...		11,585	7,000	4,50,000	...	65,68,3

(a) Adjusted under imperial and shown here for comparison with charges of previous year under these heads.

33. FAMINE-RELIEF WORKS
IN CHARGE OF THE P.W.D.

MADRAS PRESIDENCY.

SCHEDULE A.

DETAILED ACCOUNT OF EXPENDITURE.
Finance Accounts for the year 1898-99.

Heads of account.	New works.	Maintenance and repairs.	Establishment.	Tools and plant.	Refunds of revenue.	Suspense account.	Total.	Less receipts on capital account.	Net expenditure of the year.	Less expenditure in England.	Less loss by exchange.	Net outlay in India.	Revised estimates.	Grant as per budget orders.
PROVINCIAL.														
33. FAMINE RELIEF.														
II. IRRIGATION.														
<i>Construction of Protective Irrigation Works.</i>														
Rushikulya project	66	..	..	..	..	..	66	..	66	..	..	66	..	..
<i>Major Works (Working Expenses).</i>														
Kurnool canal	..	16	..	..	..	..	16	..	16	..	..	16	..	..
Total	..	16	..	..	..	..	16	..	16	..	..	16	..	..
Minor Works and Navigation—Works for which Capital and Revenue Accounts are kept.														
Capital.														
Chopad project	301	..	..	..	..	..	301	..	301	..	..	301	..	..
Total	301	..	..	..	..	..	301	..	301	..	..	301	..	..
Works for which neither Capital nor Revenue Accounts are kept.														
Bellary district	..	4,953	..	..	..	..	4,953	..	4,953	..	..	4,953	..	..
Anantapur district	..	46	..	..	..	..	46	..	46	..	..	46	..	..
Nellore do.	237	..	..	..	..	..	237	..	237	..	..	237	..	..
Cuddapah do.	704	385	..	..	..	..	1,089	..	1,089	..	..	1,089	..	..
Vizagapatam district	2	85	..	..	..	..	87	..	87	..	..	87	..	..
Kurnool do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	469	5,207	..	..	..	..	5,676	..	5,676	..	..	5,676	..	..
<i>Agricultural Works.</i>														
Vizagapatam district	2,793	..	..	..	..	..	2,793	..	2,793	..	..	2,793	..	..
Total	2,793	..	..	..	..	..	2,793	..	2,793	..	..	2,793	..	..
Total, II.—Irrigation	2,089	5,191	..	..	..	..	3,102	..	3,102	..	..	3,102	..	..

33. FAMINE RELIEF WORKS
IN CHARGE OF THE P.W.D.

MADRAS PRESIDENCY.

SCHEDULE B.

DETAILED ACCOUNT OF EXPENDITURE.
Finance Accounts for the year 1898-99.

Heads.	Works.			Repairs.		
	Actuals.	Revised estimate.	Budget estimate.	Actuals.	Revised estimate.	Budget estimate.
PROVINCIAL.	RS.	RS.	RS.	RS.	RS.	RS.
33. FAMINE RELIEF.						
Communications—						
Unmetalled roads—						
A. Bridged and drained throughout ..	125	..	..	478	..	..
B. Partially bridged and drained ..	..	..	..	..	..	..
Roads—						
Banked and surfaced with "muram" or similar material, but not drained ..	..	..	..	..	..	..
Banked but not surfaced, partially bridged and drained ..	..	..	..	..	..	..
Cleared, partially bridged and drained ..	..	..	..	..	..	..
Cleared only ..	..	..	..	..	..	..
Boat-bridges and ferries ..	..	..	..	..	..	..
Accommodation for travellers ..	..	..	..	..	..	..
Arboriculture ..	..	..	..	..	..	..
Total ..	125	* ..	* ..	478	* ..	* ..
Deduct—Outlay from Contributions ..	..	..	..	..	..	..
Net Total, Communications ..	125	* ..	* ..	478	* ..	* ..
Miscellaneous Public Improvements—						
Improvements to town ..	..	..	..	..	..	..
Paving and streets ..	..	..	..	92	..	..
Water-supply ..	..	..	..	..	..	..
Sewage and drainage ..	..	..	..	..	..	..
Harbours ..	..	..	..	..	..	..
Mines (collieries) ..	..	..	..	..	..	..
Miscellaneous ..	..	..	..	..	..	..
Allotment for minor works and repairs ..	..	..	..	..	..	..
Total ..	..	..	..	92	* ..	* ..
Deduct—Outlay from Contributions ..	..	..	..	..	..	..
Net Total, Miscellaneous Public Improvements ..	..	..	..	92	* ..	* ..
Total, Civil Works ..	125	* ..	* ..	570	* ..	* ..
Deduct—Expenditure in England ..	11	..	..	..	..	..
Exchange ..	5	..	..	..	..	..
Grand Total, Civil Works ..	109	* ..	* ..	570	* ..	* ..
INCORPORATED LOCAL FUNDS.						
33. FAMINE RELIEF.						
Communications—						
Metalled roads—						
A. Bridged and drained throughout ..	9,513	..	..	10,985	..	..
B. Partially bridged and drained ..	..	..	..	61,348	..	..
Unmetalled roads—						
A. Bridged and drained throughout ..	..	..	..	..	..	..
B. Partially bridged and drained ..	..	..	..	..	..	..
Roads—						
Banked and surfaced with "muram" or similar material, but not drained ..	..	..	..	..	..	..
Banked but not surfaced, partially bridged and drained ..	58,615	..	..	..	..	..
Cleared, partially bridged and drained ..	..	..	..	..	..	..
Cleared only ..	..	..	..	..	..	..

* Included in the sum of Rs. 7,000 and Rs. 4,50,000 shown in page 3.

Finance Accounts for the year 1808-99—cont.

Heads.	Works.			Repairs.		
	Actuals.	Revised estimate.	Budget estimate.	Actuals.	Revised estimate.	Budget estimate.
INCORPORATED LOCAL FUNDS—cont.	RS.	RS.	RS.	RS.	RS.	RS.
33. FAMINE RELIEF—cont.						
Communications—cont.						
Roads—cont.						
Navigable canals	..	..	..	..	..	..
Boat-bridges and ferries	..	..	..	..	..	..
Miscellaneous	..	..	..	..	..	..
Total ..	68,128	..	..	72,333	..	..
Deduct—Outlay from Contributions ..	..	..	..	..	..	..
Net Total, Communications ..	68,128	..	..	72,333	..	..
Miscellaneous Public Improvements—						
Improvements to Towns	..	..	..	..	..	..
Town buildings	..	..	..	..	..	..
Water-supply	..	..	..	4,953	..	..
Sewage and drainage	..	..	..	..	..	..
Allotment for minor works and repairs ..	..	..	..	..	..	..
Total, Miscellaneous Public Improvements.	..	..	..	..	..	..
Grand Total, Incorporated Local Funds, Civil Works ..	68,128	..	..	4,953	..	..
RAILWAYS.						
33. FAMINE RELIEF.						
Collection of permanent-way ballast ..	384	..	..	..	..	..
Grand Total, Railways ..	384	..	..	..	..	..

* Included in the sum of Rs. 7,000 and Rs. 4,50,000 shown in page 3.

33. FAMINE RELIEF WORKS
IN CHARGE OF THE P.W.D.

MADRAS PRESIDENCY.

SCHEDULE C.

DETAILS OF CHARGES FOR ESTABLISHMENT.
Finance Accounts for the year 1898-99.

Particulars.	Actuals.	Revised estimate.	Budget estimate.
PROVINCIAL ESTABLISHMENTS.	Rs.	Rs.	Rs.
DIRECTION.			
Chief Engineer.			
Salaries—			
Chief Engineer and Assistant	..	..	..
Office	..	..	..
Travelling allowances	..	..	..
Contingencies	..	..	..
Total ..	..	..	..
Superintending Engineers.			
Salaries—			
Superintending Engineer and Assistants ..	..	..	..
Office	..	..	..
Travelling allowances	..	..	..
Contingencies	..	..	..
Total ..	..	..	..
Total, Direction ..	..	..	..
Accounts.			
Salaries—			
Examiner, Deputy and Assistant, Examiners ..	..	..	..
Accountants	..	..	..
Clerks and office servants	..	..	..
Travelling allowances	..	..	..
Contingencies	..	..	..
Total, Accounts ..	..	..	..
Construction.			
Salaries—			
Engineers	..	..	97
Upper subordinates	..	..	3,582
Lower subordinates	..	..	955
Petty	..	..	9,143
Office	..	..	— 976
Accountants	..	..	— 350
Boat-bridges and ferries	..	..	..
Medical	..	..	..
Travelling allowances	..	..	2,414
Contingencies	..	..	108
Total, Construction ..	..	..	14,973
Total, Establishment ..	..	..	14,973
Add—Charges of other departments and of previous year disbursed during the year ..	..	..	— 2,157
Total ..	..	..	12,816
Deduct—Amount charged to other provinces and departments and charges not paid during the year ..	..	..	952
Total, Charges for Establishment ..	..	..	11,864

NOTE.—No distribution statement has been added as the whole of this establishment is debited to 33. Famine Relief.
* Included in the estimate of Rs. 7,000 and Rs. 4,50,000 shown in page 3.

**33. FAMINE RELIEF WORKS
IN CHARGE OF THE P.W.D.**

MADRAS PRESIDENCY.

SCHEDULE D.

EXPENDITURE ON TOOLS AND PLANT.

Finance Accounts for the year 1898-99.

Particulars.	Charges.		Revised estimate.	Budget estimate.
	Amount.	Total.		
PROVINCIAL.	Rs.	Rs.	Rs.	Rs.
<i>New Supplies.</i>				
Surveying and mathematical instruments ...	...	...	...	...
Machinery, including navigation plant ...	...	...	...	...
Tools ...	1,983	...	...	...
Plant ...	...	...	...	...
Office furniture ...	1	...	...	...
Camp equipage ...	...	...	...	...
Live-stock ...	...	...	...	...
Miscellaneous ...	...	...	...	...
Total, New Supplies ...	1,984	...	...	...
Repairs and carriage ...	972	...	...	...
Total ...	1,012	1,012	* ...	* ...
<i>Add—Charges incurred in other departments ...</i>	...	...	...	...
Total ...	1,012	1,012	* ...	* ...
<i>Deduct —Amount chargeable to other departments ...</i>	...	...	...	...
Total, Charges for Tools and Plant ...	...	1,012	* ...	* ...

NOTE.—No distribution statement has been added, as the whole of the above charge for tools and plant is debitable to "33. Famine Relief."

* Included in the sum of Rs. 7,000 and Rs. 4,50,000 shown in page 3.

2.

Financial DEPARTMENT.

[$\frac{G}{24}$]

500-1-11-99.

C. No. 4272 from the Examiner P. W. Accounts No. 3930 dated 30 Nov 1899.

" Ind " Pub. Works Dept, " 4957 C, " 5 Dec 1899.

" " " " " " " 189

" " " " " " " 189

" " " " " " " 189

Order 1357 of 14 Dec 99
This

Recorded..

C. S. 13. Dec 1899

12/12/99
add
11/12/99

As (serd) despd
21/12/99

Financial

Examiner P. W. Accounts
and Water Dept

Order 1827 of 10/20/99
this

Recorded

Cert. of
10/20/99

Clk (see 10)

[$\frac{G}{24}$]
500-1-11-99.

C. No. 4272 F

" Ind

"

URES TO C. No.

DER OF GOVERNMENT

A A A A A A A

TERS OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
IN ORIGINAL.

N.B.—

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20/12/99