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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 389	Press <u>Mis.</u>
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Dated 8-2-	187/.

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*Proceedings of the Madras Government, Public Works Department,
8th February 1871.*

Read the following papers —

No 186 Proceedings of the Madras Government in the Financial Department.

ISSUING instructions to the Public Works Department and to the Accountant-General for revising the Public Works and Civil Budgets of this Presidency for the ensuing financial year, with reference to the proposed transfer of certain heads of service to the "Provincial Budget" (Here enter No 4, 6th January 1871)

No. 187. Telegram from the Government of India, Public Works Department.

STATING the sums granted to the Madras Presidency for 1871-72 under the heads "Agricultural," "Military," "Civil Buildings," "Establishments," and "Tools and Plant." (Here enter, 30th December 1870)

No. 188. From the Government of India, Public Works Department, (Account—General,) dated Fort William, 30th December 1870, Circular No 75, P W.

Public Works Budget grant for 1871-72.

Read again —

Public Works Department, Circular No 61 of 1870.

Read also.—

Financial Department Resolution, No 3,334, dated 14th December 1870.

RESOLUTION—The Governor-General in Council observes that the orders contained in Financial Department Resolution, No. 3,334, dated 14th December 1870, transferring the grants for Civil Buildings, Communications, and Miscellaneous Public Improvement, with their proportionate share of Establishment and Tools and Plant, to the control of Local Governments and Administrations, renders it necessary to revise the Ordinary Imperial Budget grant for 1871-72 accordingly

2. The sum made over to Local Governments and Administrations under the heads specified aggregate £1,495,937, thus reducing the Ordinary Imperial grant for 1871-72, for which a detailed Budget Estimate is required, to £2,502,463 as follows.—

—	Military	Agricultural.	Other Services	Establishment and Tools and Plant	Total.
	£	£	£	£	£
Original grant ...	1,127,400	497,300	1,404,310	969,390	3,998,400
Less transferred ...	...	...	1,168,701	327,236	1,495,937
Balance ..	1,127,400	497,300	235,609	642,154	2,502,463

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3. Of the sum available for Other Services, £99,900 is required for expenditure in Hyderabad, Rajpootana, Central India, Coorg, and Port Blair, the

administrations in which provinces do not come within the scope of the transfer orders referred to, thus leaving £135,709 available for the Imperial Works detailed in the margin. But the list accompanying this Resolution shows that, excluding the roads to Raneekhet and Chuckrata,

for which a provision of £25,000 should be made from the Military grant of the North-Western Provinces, the actual requirements for Imperial Works based on estimates of demands from the heads of the departments concerned, amount to £157,500, so that it is necessary to provide for the difference by a re-arrangement of grants. The grant for Tools and Plant is similarly affected, and the balance of the provision for Establishment has to be modified to meet the several provincial requirements. These various points have all been considered in re-distributing the total grant available, which has been modified to the even sum of £2,500,000.

4. This re-distribution is shown in the following table, which exhibits the sums available for Ordinary expenditure during 1871-72, under the different heads in each province —

	Military.	Agricultural, Ordinary.	Other Services.	Establishment	Tools and Plant	Total
	£	£	£	£	£	£
Madras ...	50,000	165,000	14,000	83,000	8,000	320,000
Bombay ..	274,500	90,000	73,000	161,000	8,000	546,500
Bengal ..	170,000	70,000	18,500	95,000	3,800	357,300
North Western Provinces	135,000	61,000	9,500	97,000	3,700	306,200
Punjab ..	192,000	77,000	1,700	94,000	5,500	375,200
Central Provinces ..	60,600	2,500	36,000	27,200	4,500	130,800
British Burmah	35,000	23,000	1,400	15,000	1,000	75,400
Oudh ..	35,000	..	3,400	12,000	500	50,900
Hyderabad ..	26,800	..	1,700	5,800	700	35,000
Rajpootana ..	39,000	7,500	23,000	12,700	500	82,700
Central India ..	94,000	..	63,000	39,900	2,500	200,000
Coorg ..	..	500	7,000	2,400	100	10,000
Port Blair ..	2,500	..	4,600	2,700	200	10,000
Total ..	1,114,400	496,500	257,400	592,700	39,000	2,500,000

5. The Budget Estimates for 1871-72 should now be revised according to the foregoing grants. The portion of the estimate relating to Other Services should be compiled in accordance with the list accompanying this Resolution, but should it be found that the sum therein reserved for repairs to Imperial buildings is less than what is required, the balance may be made good by transfer from the provision for major or minor works under the same head.

6. Separate orders will be issued regarding the permanent arrangements necessary for a proper distribution of the charges for Establishment. Meanwhile the estimate for this head of service should be prepared in accordance with the prescribed form, the requisite debit to Provincial Funds being made in the

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manner described in paragraph 13 of the Resolution of the Financial Department, No. 3,334, dated 14th December 1870.

7. It is left to the Local Governments and Administrations to provide for works debitable to Provincial Funds in the Imperial Budget Estimate, in the same way as is done in the case of Local Funds expenditure, or to submit for information only a separate Budget Estimate of such expenditure as may be found most convenient.

8. It is to be understood that the provincial grants made over to Local Governments and Administrations must provide for value of stores obtained from England for provincial works, and that the Imperial grants herein assigned are inclusive of the value of the stores of this description required for Imperial works.

9. In the preparation of the estimate of Miscellaneous Public Works Revenue, the anticipated receipts on account of the operations rendered necessary by Provincial Public Works should be shown quite distinct from those on account of Imperial Public Works.

10. No changes made in the extraordinary grant for Irrigation works, which will therefore remain as distributed in Public Works Department Circular No 61 of 1870.

ORDER — Ordered that this Resolution be communicated to the Governments of Madras, Bombay, Bengal, North-Western Provinces and Punjab, and Chief Commissioners, Central Provinces, British Burmah, and Oudh, and Administrations noted in the margin for information and guidance.

Ordered also that a copy be forwarded to the Resident, Hyderabad, the Governor-General's Agents, Rajpootana and Central India, the Chief Commissioner, Coorg, Superintendent, Port Blair, and Financial Department for information.

(Signed) R. STRACHEY, Colonel, R.E.,
Offg. Secretary to the Govt. of India

*Schedule of Imperial Works to be provided for in the Provincial Public Works Budget
Estimates of 1871-72*

Details	Amount.	Total.
	RS.	RS.
MADRAS		
Telegraph Department—		
Telegraph Office, Madras ...	1,00,000	
„ „ Rajahmundry ..	5,600	
„ „ Cocanada ...	17,000	
	1,22,000	
Repairs ..	2,000	1,24,000
Postal Department—		
Office at Vizagapatam ...	4,000	
Minor Works and Post Offices ...	10,000	
	14,000	
Repairs ...	2,000	16,000
Total Madras ..	..	1,40,000

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Schedule of Imperial Works to be provided, etc —(Continued)

Details	Amount	Total
BOMBAY.		
<i>Telegraph Department—</i>	RS	RS.
Telegraph Office at Bombay ..	2,83,000	
" " at Vingorla ..	5,000	
" " at Bhosawul ..	10,000	
" " at Deesa and Abco ..	12,000	
Repairs ...	3,10,000	
	5,000	
<i>Postal Department—</i>		3,15,000
Post Office, Bombay...	1,25,000	
Minor Works ..	15,000	
Repairs ...	1,40,000	
	5,000	
<i>Mint and Currency Buildings—</i>		1,45,000
Minor Works and Repairs ...		
<i>Miscellaneous Public Improvement—</i>		20,000
Kurrachee Harbour Works ..		
		2,50,000
Total Bombay ..		7,30,000
BENGAL		
<i>Telegraph Works—</i>		
Office at Atcheepoor ..	12,000	
" " at Ramoo ..	8,000	
Repairs ...	20,000	
	3,200	
<i>Post Office Buildings—</i>		23,200
Office at Darjeeling ...	5,590	
" " at Arrah ..	3,116	
" " at Burrisaul ..	3,000	
" " at Purneah ..	6,913	
" " at Monghyr ..	3,371	
" " at Buxar ..	3,010	
Minor Works ..	10,000	
Repairs ..	35,000	
	2,500	
<i>Opium Works—</i>		37,500
Opium Godown at Tehta ..	15,000	
Racks for Opium jars in Jar Godown, Goolzarbaugh ..	5,000	
Repairs ...	20,000	
	15,100	
<i>Mint and Currency Buildings—</i>		35,100
Repairs ..		
<i>Government of India Buildings, Calcutta and Barrackpoor—</i>		20,000
Repairs ..		
		69,200
Total Bengal ..		1,85,000

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Schedule of Imperial Works to be provided, etc —(Concluded)

Details	Amount.	Total.
NORTH-WESTERN PROVINCES		
<i>Post Office Works—</i>	RS	RS.
Post Office at Palee ..	2,500	
" " at Mussoorie ..	10,000	
" " at Allahabad ..	15,000	
Minor Works ..	10,000	
	37,500	
Repairs ..	3,500	
		41,000
<i>Telegraph Works—</i>		4,000
Minor Works and Repairs ..		
<i>Opium Buildings—</i>		50,000
Major Works, Minor Works, and Repairs ..		
Total N W. P .		95,000
PUNJAB.		
<i>Telegraph Works—</i>		2,500
Repairs ...		
<i>Post Office Works—</i>		
Minor Works ..	10,000	
Repairs ..	4,500	
		14,500
Total Punjab .		17,000
CENTRAL PROVINCES		
<i>Telegraph Works—</i>		500
Repairs ...		
<i>Post Office Works—</i>		
Minor Works ..	8,000	
Repairs ..	500	
		8,500
<i>Communications—</i>		3,51,000
Godavery Navigation Works ..		
Total Central Provinces ..		3,60,000
BRITISH BURMAH		
<i>Telegraph Works—</i>		
Telegraph Office at Prome ..	10,000	
Repairs ...	1,500	
		11,500
<i>Postal Works—</i>		
Minor Works ..	2,000	
Repairs ...	500	
		2,500
Total British Burmah ..		14,000
ODDH		
<i>Postal Buildings—</i>		
Post Office, Roy Bareilly ..	3,000	
Minor Works and Repairs ..	1,000	
		4,000
<i>Opium Buildings—</i>		30,000
Major and Minor Works and Repairs ..		
Total Oudh .		34,000

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ABSTRACT

Provinces	Telegraph Works	Post Office Works	Mint and Currency Buildings	Opium Buildings	Imperial Buildings at Calcutta	Godavery Navigation Works	Kurrachee Harbour Works	Total
	RS	RS	RS	RS	RS	RS	RS	RS
Madras	1,24,000	16,000						1,40,000
Bombay	8,15,000	1,45,000	20,000				2,50,000	7,80,000
Bengal	23,200	37,500	20,000	35,100	69,200			1,85,000
North-Western Provinces	4,900	41,000		50,000				95,000
Punjab	2,500	14,500						17,000
Central Provinces	500	8,500				8,51,000		3,60,000
British Burmah	11,500	2,500						14,000
Oudh		4,000		30,000				34,000
Total..	4,80,700	2,69,000	40,000	1,15,100	69,200	8,51,000	2,50,000	15,75,000

No. 189. Telegram from the Government of India, Public Works Department.

INTIMATING that the Public Works Budget Estimate for 1871-72 is urgently required. (Here enter, 17th January 1871.)

No. 190 ORDER THEREON, 8th February 1871, No. 389.

ACCOUNT, No. 14.

In their Circular above recorded, the Government of India, with reference to their Financial Resolution, No. 3,334,

dated 14th December 1870, notify that the Ordinary Imperial grant for this Presidency for the ensuing official year has been fixed at Rupees 32 lacs, distributed as follows.—

	RS.
Military	5,00,000
Agricultural	16,50,000
Civil Buildings, (Postal and Telegraph)	1,40,000
Establishment	8,30,000
Tools and Plant	80,000

2. Adverting to these orders, a revised Budget, including only works proposed for execution from Imperial*

* Ordinary and Extraordinary.

Funds by officers of the Public Works Department during 1871-72, has been prepared, and will now be laid before the Government of India. A detailed estimate of the proposed expenditure from Provincial and Local Funds will be separately issued.

3. Taking the appropriation to

	RS
† Works	15,75,000
Establishment	2,00,000
Tools and Plant	20,000
	17,95,000

† Rupees 32,00,000, as per paragraph 1.

Railways, namely, Rupees 2,72,000, in round numbers, the total Imperial allotment for 1871-72 is Rupees 52,67,000, which His Excellency the Governor in Council resolves to distribute over the various heads of service in the manner detailed below.—

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Main Heads of Service.	Minor Heads	WORKS NOT COM- MENCED.		INCOMPLETE WORKS		TOTAL OF TWO PREVIOUS COLUMNS.		Reserve	Grand Total.
		Num- ber.	Amount allotted	Num- ber.	Amount allotted	Num- ber.	Amount allotted.		
			RS.		RS.		RS.	RS.	RS.
	Military	5	69,020	12	1,60,980	17	2,30,000	50,000	80,000
	Civil Buildings (Postal and Telegraph Buildings).	3	1,22,000	1	4,000	4	1,26,000	10,000	1,36,000
	Agricultural—Ordinary	4	44,650	3	74,550	7	1,19,200	1,75,000	2,94,200
	Do. —Extraordinary.	3	3,00,000	13	12,75,000	16	15,75,000	.....	15,75,000
	Total...	15	5,35,670	29	15,14,530	44	20,50,200	2,35,000	22,85,200
	Military	..	....	..	....	..	..	..	2,20,000
	Civil Buildings (Postal and Telegraph Buildings).	..	..	..	..	..	..	..	4,000
	Agricultural—Ordinary	..	..	..	..	..	..	..	12,00,000
	Total...	..	....	..	....	..	....	..	14,24,000
	Establishments, exclusive of pro- portion chargeable to Provin- cial and Local Funds.	..	..	..	....	..	..	..	11,30,000
	Tools and Plant do. ...	..	..	..	....	..	..	..	1,00,000
	Madras Irrigation and Canal Com- pany—State Outlay.	..	..	..	..	..	..	..	55,800
	Railways...	..	..	..	..	..	..	..	2,72,000
	Total...	..		..	..	..		..	52,67,000

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4. Under Military, the grant for Major Works for 1871-72 falls short of the current year's Budget assignment by Rupees 1,10,000. This is owing mainly to the entire sum to be made available in the ensuing year under this head of service being less than the allotment for 1870-71 by one lac of Rupees. A further reduction of Rupees 10,000 in the appropriations to Major Works has become requisite by the necessity of supplementing the provision for "Repairs Military." The appropriations to Major Works under Civil Buildings, amounting in the aggregate to Rupees 1,26,000, are specially made for Postal and Telegraph buildings, which are not required to be provided for from Provincial Funds. Under "Agricultural Ordinary," the allotments for Major Works amount in all to Rupees 1,19,200, which is in excess of the Budget provision for the current year by Rupees 54,000. The separate Budget to be issued of Provincial Funds will include provision for Major Works under "Communications" and "Miscellaneous Public Improvement," as well as for "Civil Buildings" unconnected with the Telegraph and Postal Departments.

5. The Reserve, or grant for Minor Works, Imperial, for 1871-72 is Rupees 2,35,000.

6. The short provision of Rupees 10,000 under "Military," as compared with the current year's estimate, has been diverted to the minor head "Repairs."

7. The grant for Minor Works under "Civil Buildings" is intended for appropriation exclusively to buildings that may be required by the Postal and Telegraph Departments.

8. Of the short provision of Rupees 1,56,000 under Minor Works "Agricultural" Rupees 56,000 have been appropriated, partly* to specific Major Works in Part II., and partly† to augment the provision for State outlay on guaranteed irrigation works, the balance being taken to increase the allotment for establishments regarding which full explanation has been afforded to the Government of India.

9. The following allotments are authorized from the Reserve under Military and Agricultural to meet demands on account of Minor New Works within the competence of the Superintending Engineers to sanction.—

Districts							Military.	Agric- cultural	Total
							RS.	RS.	RS.
Ganjam	...	...	...	...	...	...	300	1,000	1,000
Vizagapatam	...	...	...	...	...	...	300	500	800
Godavery	...	...	...	...	...	...	300	6,000	6,300
Kistna	...	...	...	...	...	...	...	5,000	5,000
Nellore	...	...	...	...	...	...	...	5,000	5,000
Cuddapah	...	...	...	...	...	...	...	4,000	4,000
Kurnool	...	...	...	...	...	...	400	2,000	2,400
Bellary	...	...	...	...	...	...	3,000	4,000	7,000
Presidency	...	...	...	...	...	...	3,000	...	3,000
Chingleput	...	...	...	...	...	...	1,500	5,000	6,500
North Arcot	...	...	...	...	...	...	300	6,000	6,300
South Arcot	...	...	...	...	...	...	...	6,000	6,000

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Districts					Military	Agri- cultural	Total
					RS.	RS.	RS.
Salem	...	...	...	...	200	2,000	2,200
Bangalore	...	...	...	...	3,000	10,000	13,000
Tanjore	...	...	...	...	1,700	3,000	4,700
Trichinopoly	...	...	...	...	500	2,500	3,000
Coimbatore	...	...	...	...	1,000	...	1,000
Neilgherries	...	...	...	...	2,000	500	2,500
Malabar	...	...	...	...	300	...	300
South Canara	...	...	...	...	...	3,000	3,000
Madura	...	...	...	...	500	7,500	8,000
Tinnevely	...	...	...	...	...	...	...
Total					18,000	73,000	91,000

10. These sums will be at the disposal of the local officers on the 1st April 1871, and deducting them from the total provision for Minor Works, Imperial, the balances which will remain at the disposal of Government are as follow —

Under Military	32,000
" Agricultural	1,02,000
" Civil Buildings, (Postal and Telegraph Buildings)	10,000
Total	1,44,000

11. Minor Works under Civil Buildings (other than those connected with the Postal and Telegraph Departments) and those under "Communications" and "Miscellaneous Public Improvement" will be provided for in the orders which will be passed on the issue of the Provincial Budget-estimate.

12. The orders contained in paragraphs 4, 14 to 16, 31, 32, 36, 37, 38, 51, 52, and 53 of G.O, No. 3,044, dated 15th December 1870, should receive the attention of the officers concerned.

13. Under Repairs, Imperial, the aggregate Budget provision for 1871-72 is Rupees 14,24,000. The distribution of these grants amongst the several districts is noted in the following abstract —

Districts					Military	Civil Build- ings (for Postal and Telegraph Depart- ments)	Agricul- tural
					RS.	RS.	RS.
Ganjam	...	...	...	...	920	200	22,500
Vizagapatam	...	...	...	...	10,160	200	8,500
Godavery	...	...	...	...	700	200	1,55,000
Kistna	...	...	...	...	...	200	75,000
Nellore	...	...	...	...	...	200	50,000
Cuddapah	...	...	...	...	...	200	70,000
Kurnool	...	...	...	...	...	200	20,000
Bellary	...	...	...	...	25,000	200	51,500
Presidency	...	...	...	...	66,247	200	3,000

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Districts	Military	Civil Build- ings (for Postal and Telegraph Depart- ments)	Agricul- tural
Chingleput	RS 25,350	RS 200	RS 90,000
North Arcot	3,610	100	1,10,000
South Arcot		100	1,07,500
Salem	2,850	200	35,000
Bangalore	41,945	100	
Tanjore		200	1,45,000
Trichinopoly	9,618	200	71,000
Coimbatore	400	200	48,000
Neilgherries	9,200	200	
Malabar	20,000	200	1,100
Wynaad			
South Canara	1,300	100	
Madura		200	41,000
Tinnevely	2,700	200	89,900
Total	2,20,000	4,000	12,00,000

14. The excess provision of Rupees 20,000 under "Military" as compared with the current year's grant is explained in paragraph 20 of G. O. of the 15th December 1870.

15. For repairs under "Communications," "Miscellaneous Public Improvement," and "Civil Buildings," unconnected with the Postal and Telegraph Departments, provision will be made in the Provincial Budget.

16. The Budget of Establishments amounts to Rupees 20,10,718. This is less than the original* Budget-estimate for 1870-71 by Rupees 1,14,682. Taking, however, into consideration the reduction of two lacs of Rupees in 1870-71 ordered by the Government of India, the outgoing Budget shows an excess over the reduced estimate of the current year of Rupees 85,318, which will be found explained in paragraphs 23 and 26 to 30 of the Order of the 15th December 1870.

17. The entire amount provided in Part IV., and passed by Government is Rupees 20,10,710, of which it is proposed to charge Rupees 9,30,000 to Ordinary and Rupees 2,00,000 to Extraordinary. The balance, Rupees 8,80,710, will be provided from Provincial and Local Funds.

18. The sum specifically set apart by the Government of India for Establishments, Ordinary, is Rupees 8,30,000, to which His Excellency in Council, for the reasons explained in paragraph 25 of G. O. of the 15th December 1870, has added one lac of Rupees by transfer from the allotment for Agricultural Works, Ordinary.

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19. The grant from Imperial Funds (Ordinary and Extraordinary) for "Tools and Plant"—Part V. of the Budget—is Rupees 1,00,000, as follows —

		RS
	London Supplies ..	50,000
Ordinary	{ Stores to be purchased, and charges for repairs and carriage to be incurred in India	30,000
Extraordinary	Do. do.	20,000
	Total	1,00,000

20. The provision for London supplies will be supplemented by Rupees 30,000 when the Provincial Budget is issued.

21. The amount that will be available under these orders to defray charges on account of Tools and Plant to be incurred in India is Rupees 50,000, deducting from which Rupees 20,000, specially chargeable to the Extraordinary Agricultural allotment, there remains a balance of Rupees 30,000, which His Excellency the Governor in Council resolves to appropriate as follows —

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Districts or Departments.	SUPPLIES							Repairs and carriage from place to place	Grand Total
	Surveying and Mathematical Instruments.	Machinery	Plant	Tools	Office Furniture.	Camp Equipage.	Live Stock.	Total	
Ganjam	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Vizagapatam	..	..	..	120	..	..	..	120	180
Godavery	..	..	..	120	..	..	..	120	180
Kistna	..	..	..	240	..	90	..	240	360
Nellore	..	..	..	300	..	..	..	390	930
Cuddapah	..	..	..	300	..	..	..	300	600
Kurnool	..	..	..	180	..	..	..	180	300
Bellary	..	..	..	120	..	..	..	120	240
Presidency	..	..	..	180	..	..	..	180	300
Chingleput	..	..	150	300	60	72	..	582	882
North Arcot	..	..	90	180	45	..	..	315	405
South Arcot	..	..	36	300	90	90	..	516	636
Salem	..	..	..	240	60	..	..	300	420
Bangalore	..	..	..	..	180	..	..	15	15
Tanjore	..	..	..	120	12	120	..	420	900
Trichinopoly	..	..	..	300	30	78	..	390	570
Coimbatore	..	..	..	600	30	42	..	672	1,092
Neilgherries	..	..	300	300	..	..	..	660	1,020
Malabar	..	..	..	120	..	..	..	120	300
Wynaad	..	..	..	180	..	..	..	180	420
South Canara	..	..	300	180	..	60	..	480	900
Madura	..	..	300	120	30	..	..	510	750
Tinnevely	..	..	..	180	..	..	..	180	540
Total	1,500	1,500	1,236	4,680	507	552	..	6,975	12,000
General Superintendent of the Public Works Store Department	1,500	1,500	..	3,000	..	..	..	12,000	18,000
Grand Total	..	..	..	..	..	..	..	..	30,000

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22. The amounts for which the Budgets of State expenditure on railways and in connection with the works of the Madras Irrigation and Canal Company have been separately passed are Rupees No 2,734, dated 15th November 1870. 2,72,000 and Rupees 55,800 respectively, as detailed in paragraph 40 of " 2,965, " 7th December " G. O. of the 15th December last.

23. The outlay proposed from Imperial Funds is shown in the following abstract:—

Items	Military	Civil Buildings.	Agricultural—Ordinary	Agricultural—Extraordinary	Total Imperial
	RS	RS	RS	RS	RS.
Part II.—New Works	2,30,000	1,26,000	1,19,200	15,75,000	20,50,200
Grant for Minor Works	50,000	10,000	1,75,000	.....	2,35,000
Part III.—Repairs, .	2,20,000	4,000	12,00,000	.....	14,24,000
Total for New Works and Repairs ..	5,00,000	1,40,000	14,94,200	15,75,000	37,09,200
Part IV.—Establishments ..	.....	.....	.....	.....	11,30,000
Part V.—Tools and Plant ..	.....	.....	.....	.....	1,00,000
Part VI.—Madras Irrigation and Canal Company—State Outlay	.....	.....	.....	.....	55,800
Do. Railways—do ..	.....	.....	.....	.....	2,72,000
Grand Total...	5,00,000	1,40,000	14,94,200	15,75,000	52,67,000

NEW WORKS.

24. The estimates for the works noted below have not yet been sanctioned.—

MILITARY.

- (1.) Bangalore.—Buildings to accommodate an additional Regiment of Native Infantry.
- (2.) Do.—Drinking Water Scheme from the Ulsoor Tank and Dhobies' Wells—(Revised).
- (3.) Do.—Quarters for Hospital Serjeants attached to Pavilion already built on the Race Course.
- (4.) Do.—School-room for adults—(Infantry).

CIVIL BUILDINGS.

- (5.) Rajakmundry.—Telegraph Office.
- (6.) Madras.—Do.

*Proceedings of the Madras Government, Public Works Department,
8th February 1871.*

AGRICULTURAL, EXTRAORDINARY.

- (7.) *Ganjam* —Rooshkoolia Project.
 (8) *Godavery*.—Western Delta Project.
 (9.) *Do.*—Eastern Delta do.
 (10.) *Kistna*.—Extension of the Commamoor channel—(Revised).
 (11.) *Do.*—Widening the head of the Masulipatam canal—(Revised).
 (12.) *Chingleput*.—Madras Water Supply Project—(Revised).
 (13.) *Tanjore*.—Cauvery and Vennaur Head Works.
 (14.) *Madura*.—Perryaur Project.

25 The estimates for Items 1 and 4 have yet to be submitted, and those for Items 2 and 3 are under the consideration of Government. The Telegraph buildings entered as Items 5 and 6 are provided for under express orders from the Government of India.

26. A separate report has been made to the Government of India with reference to the extraordinary agricultural works which appear in the outgoing Budget without sanctioned estimates, original, supplemental, or revised.

27. The funds that will be at the disposal of the Local Public Works Officers for expenditure on the 1st April next are noted below :—

Districts.	Original Works Major	Minor Works estimated at less than Rs 500 each	Repairs	Tools and Plant.	Total.
	RS	RS	RS	RS	RS
Ganjam	50,000	1,000	23,620	180	74,800
Vizagapatam	4,000	800	18,860	180	23,840
Godavery	5,22,000	6,300	1,55,200	360	6,83,860
Kistna	2,20,000	5,000	75,900	930	3,01,830
Nellore	1,00,000	5,000	56,200	600	1,61,800
Cuddapah	..	4,000	70,200	300	74,500
Kurnool	..	2,400	20,200	240	22,840
Bellary	57,300	7,000	76,700	300	1,41,300
Presidency	1,00,000	3,000	69,447	60	1,72,507
Chingleput	2,06,550	6,500	1,15,550	882	3,29,482
North Arcot	14,650	6,300	1,13,710	405	1,35,065
South Arcot	1,05,000	6,000	1,07,600	636	2,19,236
Salem	..	2,200	38,050	420	40,670
Bangalore	87,360	3,000	42,045	15	1,32,420
Tanjore	2,60,000	10,000	1,45,200	900	4,16,100
Trichinopoly	3,000	4,700	80,818	570	89,088
Combatores	..	3,000	48,600	1,092	52,692
Neilgherries	30,000	1,000	9,400	1,020	41,420
Malabar	15,340	2,500	21,300	300	39,440
Wynaad	..	..	..	420	420
South Canara	..	300	1,400	900	2,600
Madura	1,00,000	3,000	41,200	750	1,44,950
Tinnevely	1,75,000	8,000	92,800	540	2,76,340
General Superintendent of the Public Works Store Department	..	..	..	18,000	18,000
Total ..	20,50,200	91,000	14,24,000	30,000	35,95,200

*Proceedings of the Madras Government, Public Works Department,
8th February 1871.*

28. A Statement of the estimated outlay from Guaranteed and Loan Capital will be found at paragraph 55 of the Order of the 15th December 1870.

(True Extract)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Chief Engineer for Irrigation. — 300000 — 300000
 To Superintending Engineers. — 100000 — 100000
 „ Major R. B. Kennedy — 100000 — 100000
 To the Controller of Public Works Accounts. — 100000 — 100000
 „ Consulting Engineer for Railways. — 100000 — 100000
 „ Do. for the Madras Irrigation and Canal Company — 100000 — 100000
 „ General Superintendent of Public Works Stores and Workshops — 100000 — 100000
 To Mr R. Smith, Executive Engineer, on special duty. — 100000 — 100000
 To the Public, etc, Departments
 „ Revenue Department. — 100000 — 100000
 „ Military do. — 100000 — 100000
 „ Board of Revenue — 100000 — 100000
 „ Master Attendant. — 100000 — 100000
 „ Director of Public Instruction — 100000 — 100000
 „ Inspector-General of Police. — 100000 — 100000
 „ Accountant-General. — 100000 — 100000

Gobt. of {1871} Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR IRRIGATION.

&c., &c., &c.

Dated February 8th.

Recd

Encl.

G. O., 8th February 1871, No. 389.

FEBRUARY.

Nos. 186-190

Public Works Budget-estimate for 1871-72.—Passing orders on the Circular from the Government of India reducing the ordinary Imperial grant for 1871-72, and calling for a revised Public Works Budget-estimate.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 8th February 1871.

No. 191.

No. 390

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

ACCOUNT, No. 15.

SIR,—Under the orders of His Excellency the Governor in Council I have the honour to forward, for the sanction

of the Government of India, the revised Imperial Budget Estimate of the Public Works Department for the year 1871-72.

2. Paragraph 7 of your Circular seems to require the entry in the Imperial Public Works Budget of the proposals relating to Local Fund Expenditure by Public Works Officers, but as, by paragraph 18 of the Financial Resolution of the Government of India, No. 3,334, dated 14th December 1870, upon which your Circular is based, the submission of a distinct Budget to include both Provincial and Local Funds is clearly prescribed, and as, on this occasion at least, it is found impracticable to determine, in time for the Imperial Budget, the appropriations that can be made from each of these sources under the various heads of service for the ensuing year, this Government have no alternative but to submit the Imperial Budget in its present form.

3. The Imperial grant for Madras, excluding the estimated State Outlay on Guaranteed Railways, is Rupees 51,50,000, which the Government of India, in their Circulars Nos. 61 and 75 of 1870, have distributed as follows, but which His Excellency in Council proposes to modify as noted against each head of service —

Head of Service	Grant as distributed by the Government of India	Grant as distributed in accompanying Budget.	Increase	Decrease.
<i>Ordinary.</i>				
	RS.	RS	RS	RS
Military	5,00,000	5,00,000	.	1,00,000
Agricultural	16,50,000	15,50,000	..	..
Civil Buildings	1,40,000	1,40,000	..	..
Establishment	8,30,000	9,30,000	1,00,000	..
Tools and Plant	80,000	80,000	..	..
Total, Ordinary...	32,00,000	32,00,000	1,00,000	1,00,000
<i>Extraordinary.</i>				
Works	17,30,000	15,75,000	..	1,55,000
Establishments	2,00,000	2,00,000	..	..
Tools and Plant	20,000	20,000	..	..
Total, Extraordinary	19,50,000	17,95,000	..	1,55,000
Grand Total	51,50,000	49,95,000	1,00,000	2,55,000

4 As regards the transfer of Rupees 1,00,000 from the allotment for "Agricultural" to the head of Establishments "Ordinary," and the diminution of the allotment for "Extraordinary Agricultural" by Rupees 1,55,000, I am to invite attention to paragraphs 3 and 4 of my letter, No. 3,045, dated 15th December 1870.

5. The Public Works allotment, as modified by this Government, added to the estimated State outlay on Guaranteed Railways, namely, Rupees 2,72,000, amounts in the aggregate to Rupees 52,67,000 which will be found distributed in the accompanying Budget as shown in the following statement —

Main Heads of Service	Minor Heads.	WORKS NOT COM- MENCED		INCOMPLETE WORKS		TOTAL OF TWO PREVIOUS COLUMNS		Reserve.	Grand Total
		No.	Amount allotted.	No.	Amount allotted	No.	Amount allotted		
New Works	Military	5	RS 69,020	12	RS 1,60,980	17	RS 2,30,000	RS 50,000	RS 2,80,000
	Civil Buildings	3	1,22,000	1	4,000	4	1,26,000	10,000	1,36,000
	Agricultural, Ordinary	4	44,650	3	74,550	7	1,19,200	1,75,000	2,91,200
	Do, Extraordinary	3	3,00,000	13	12,75,000	16	15,75,000	.	15,75,000
	Total	15	5,35,670	29	15,14,530	44	20,50,200	2,35,000	22,85,200
Repairs	Military	.	.	.	.	.	.	.	2,20,400
	Civil Buildings	.	.	.	.	.	.	.	4,000
	Agricultural, Ordinary	.	.	.	.	.	.	.	12,00,000
	Total	.	.	.	.	.	.	.	14,24,000
Establishments exclusive of pro- portion chargeable to Local and Provincial Funds	Tools and Plant do	.	.....	.	.	.	.	.	11,30,000
	Madras Irrigation and Canal Com- pany—State outlay	.	.....	.	.	.	.	.	1,00,000
	Railways—Do	...	.....	.	.	.	.	.	55,800
	Total ..	...	.....	.	.	.	.	.	2,72,000
	Total ..	...	.....	.	.	.	.	.	52,67,000

6. Under Military, the grant for Major Works for 1871-72 falls short of the current year's Budget assignment by Rupees 1,10,000. This is explained in paragraph 8 of my letter of the 15th December 1870. The appropriations to Major Works under "Civil Buildings," aggregating Rupees 1,26,000, are those specifically ordered by the Government of India for Postal and Telegraph buildings. Under "Agricultural Ordinary," the allotments for Major Works amount in all to Rupees 1,19,200, which is in excess of the Budget provision for the current year by Rupees 54,000. The appropriations to Extraordinary Agricultural Works aggregate Rupees 15,75,000.

7. The grant for Minor Works, Imperial, for the ensuing year is Rupees 2,35,000, *vide* paragraphs 21 and 23 of my letter of the 15th December 1870.

8. Under Repairs, Imperial, the aggregate Budget provision for 1871-72 is Rupees 14,24,000, distributed amongst the several districts as noted in the following abstract —

Districts	Military	Civil Buildings	Agricultural.
	RS	RS	RS.
Ganjam ...	920	200	22,500
Vizagapatam .	10,160	200	8,500
Godavery .	...	200	1,55,000
Kistna ...	700	200	75,000
Nellore ...	...	200	56,000
Cuddapah .	.	200	70,000
Kurnool .	...	200	20,000
Bellary .	25,000	200	51,500
Presidency .	66,247	200	3,000
Chingleput ...	25,350	200	90,000
North Arcot ...	3,610	100	1,10,000
South Arcot .	..	100	1,07,500
Salem ...	2,850	200	35,000
Bangalore ...	41,945	100	...
Tanjore .	.	200	1,45,000
Trichinopoly .	9,618	200	71,000
Coimbatore .	400	200	48,000
Neilgherries ...	9,200	200	...
Malabar ...	20,000	200	1,100
Wynaad .	..	.	.....
South Canara ...	1,300	100	.....
Madura .	.	200	41,000
Timnevelly ...	2,700	200	89,900
Total ..	2,20,000	4,000	12,09,000

9. The amount entered in Part IV., as passed by this Government, is Rupees 20,10,710. Of this it is proposed to charge Rupees 9,30,000 to Imperial "Ordinary" and Rupees 2,00,000 to "Agricultural Extraordinary," leaving Rupees 8,80,710 to be provided from "Provincial and Local Funds" in the proportions that will be shown in detail in the Budgets of those funds. With reference to this part of the Budget Estimate, I am to request attention to paragraphs 29 to 37 of my letter of the 15th December 1870 already quoted.

10. The estimate for Tools and Plant amounts in the aggregate to Rupees 1,00,000 as follows —

Ordinary, including Rupees 50,000 for London supplies ..	RS. 80,000
Extraordinary	20,000

11. The balance of Rupees 30,000 required for London supplies will be provided in the Provincial and Local Fund Budgets.

12. Part VI., or the Budget of State Outlay on Guaranteed Companies, amounts to Rupees 3,27,800, distributed as shown in the statement annexed to paragraph 43 of my letter already quoted.

13. The subjoined statement shows, in one view, the outlay proposed to be incurred from Imperial Funds during 1871-72.

Items.	Military.	Civil Build-ings	Agricultural, Ordinary	Agricultural, Extraordinary.	Total
	RS	RS	RS	RS	RS
Part II —New Works	2,30,000	1,26,000	1,19,200	15,75,000	20,50,200
Grant for Minor Works	50,000	10,000	1,75,000	.. ..	2,35,000
Part III —Repairs	2,20,000	4,000	12,00,000	.....	14,24,000
Total for New Works and Repairs ...	5,00,000	1,40,000	14,94,200	15,75,000	37,09,200
Part IV — Establish-ments ..	...	.. .	... ..	.. ..	11,30,000
Part V. — Tools and Plant	..	.. ..	..	.. ..	1,00,000
Part VI —Madras Irrigation and Canal Company—State Outlay	...	..	...	...	55,800
Do —Railways—State Outlay ... ..	...	..	... .	.. ..	2,72,000
Grand Total...	5,00,000	1,40,000	14,94,200	15,75,000	52,67,000

14. With respect to the Budgets of expenditure from Guaranteed Capital, I am to invite attention to paragraph 47 of my letter of the 15th December 1870.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

Exd E. C. Shunker.

PUBLIC WORKS DEPARTMENT.

No. 6 of 1861.

TO THE RIGHT HONORABLE THE SECRETARY OF STATE FOR INDIA

RIGHT HONORABLE SIR,

1. We have the honor to forward copies of the correspondence noted in the margin, on the subject of the insufficient depth to which certain rows of the piles of the Madras Pier have been sunk in the ground.

2. The Chief Engineer first desired that the piles found to be of insufficient depth, should be removed and replaced by others of the proper length; and he also applied to us for the original contract, as well as the plan of the Pier for examination with reference to the respective lengths of the piles therein shown, but we were only able to furnish him with the contract, no plan having been received by us.

3 Subsequently, on the 18th December last, Colonel Horsley reported, that a recent inspection having shown that by a change in the bed of the sea, the penetration of the piles objected to, was now equal to that stipulated in the contract, he had authorized the Contractor's Agent to defer withdrawing the piles until further notice. We desired Colonel Horsley to explain whether according to the contract the depth to which the piles were to be screwed, was to be affected by temporary shifting deposits of sand, and whether the stability of the Pier would be endangered by taking such deposits into the measurements.

4. The Chief Engineer has now forwarded to us a section plan showing the depths of the sea on certain dates noted, as well as the depth to which the several rows of piles have been imbedded in the ground. He has also submitted letters addressed by him to the Agent to the Pier Contractor, in which he has permitted certain rows of the short piles, to remain for present only, for the purpose of being used as a stage for screwing down the piles beyond. We have approved of this proceeding.

5 The Chief Engineer has stated a practical difficulty in the application of the terms of the contract, with reference to the length of the piles to be used as the Pier is proceeded with, and has urged a reference to you on the subject. But for reasons stated in paragraph 4 of our order of this day's date, we have thought the reference unnecessary.

6. Colonel Horsley has also requested to be furnished with an authenticated plan of the Pier as a guide in the execution of the work, together with working plans of the several sections of the same with a register of the piles and bracings shown thereon. We request that you will be pleased to forward the document thus asked for, by the earliest opportunity

We have the honor to be,

Right Honorable Sir,

Your most obedient humble Servants,

FORT SAINT GEORGE,
4th February 1861.

Exd S T. Augustin

FORT SAINT GEORGE.
PUBLIC WORKS DEPARTMENT.

*Letter to the Right Honorable
the Secretary of State for India,
Dated 4th February,
No. 6 of 1861.*

Forwarding correspondence on the subject of the insufficient depth to which certain rows of the piles of the Madras Pier have been sunk in the ground.

Statement showing the distribution of the
revised Budget Copies for 1871-72.

	No of Budget Copies	No of Budget Orders	No of Budget Letters
Superintending Engineer 1 st Division	16	16	
Do 2 ^d Do	17	17	
Do 3 ^d Do	17	17	
Do 4 th Do	26	26	
Do 5 th Do	11	11	
Do 6 th Do	13	13	
Do 7 th Do	19	19	
Do 8 th Do	11	11	
Major R. B. Kennedy	4	4	
R. Smith Esq., Es: Eng: on special duty	1	1	
Controller of Public Works Accounts	16	16	
Consulting Engineer for Railways	2	5	
Do for the Secy of the	2	4	
Chief Secretary to Govt. Public Works Dept.	3	6	
Secretary to Govt. Revenue Dept.	3	8	
Do Military Do	3	15	
Master Attendant	2	3	
Accountant General	3	3	
General Superintendent of Ordnance	1	2	
Board of Revenue	35	35	

Inspector General of Police	3	6	
Director of Public Instruction	1	3	
Agent to the Madras Railway	1		
Chief Engineer for Irrigation	2	3	
Chief Engineer of Mysore	2		
The Honorable the Secretary of State for India	3		
Government of India	26		26
Do Home Department	10		
Government of Bengal	5		
Do of Bombay	5		
Do of North West Provinces	3		
Chief Engineer, Hyderabad	1		

Spms 290 with 3 spare copies each of the Order & Budget despatch to the Govt of India 9/2/71-

22 spare copies each of the Budget & order were despatched in a box 10/2/71.

The Sign Copies of the order together with a copy of Budget were despatched to all Supts & Engrs to whom the order is communicated except the Ch. Engr for Ind, Major Kennedy, C. Engr for Ind, Engr Supts of Sines & Co, Mr R. Smith, Pub. Dept, Machin Attendant, Director of Pub. Works, Engrs & Supts of other works to whom the full supply of copies were despatched on the same date i.e. 10/2/71-

Spare Copies of the Budget & the order despatched to the S. Engr & Co, Controller, Board of Works, and Engrs for the & Rev. Dept on the 11/2/71-

Spare copies of do - despatched 13/2/71 to the Mil. Dept & to the Home Dept of the Govt of India & to the S. Engrs 1st, 2nd & 3rd Divs.

Spare copies of do despatched 14/2/71 to the S. Engrs of the 5th, 6th, 7th & 8th Divs -

Budget Copies despatched to the Govts of Bengal, Bombay & North West Provinces, to the Chief Engrs of Mysore & Hyderabad & to the Agent & Manager of the Madras Railway - 15/2/71-

No 389 P. M. O.
Proceedings of the Madras Government.

Read the following

Pro: of the Madras Govt. }
Financial Dept. } (H. E. No. 76 Jan'y/11)

Telegram from the Govt. }
of India } (H. E. No. — 30 Decr/70)

From the Govt. of India. (H. E. No. 75 —)

Telegram from the Govt. }
of India } (H. E. No. — 17 Jan'y/11)

{
}

_____ In their Circular

_____ above recorded, the

Government of India,

with reference to their

Financial Resolution No

No 3331 dated 14th Dec.

ember 1870 notify that

the Ordinary Imperial

Grant as

Grant for this Presidency
for the ensuing official
year has been fixed at
Rupees 32 lacs, distributed
as follows.

Military ————— 15,00,000

Agricultural ————— 16,50,000

Civil Buildings for Postal &
Telegraph Buildings } 14,00,000

Establishment ————— 8,30,000

Tools and Plant ————— 80,000

2. Adverting to these
orders, a revised Budget
including only works pro-
posed for execution from

Imperial Funds

by

Ordinary & Extraordinary

3) by Officers of the P.W. Dept
during 1871-72 has been pre-
pared and will now be
laid before the Govt. of
India. A detailed estimate
of the proposed expenditure
from Provincial and Local
Funds will be separately
issued.

* Works —————	15,75,000
Establishment —————	2,00,000
Tools and Plant —————	20,000
	<u>17,95,000</u>

Rs 32,00,000 as per paragraph

3. Taking the appropria-
-tion to Extraordinary Agricul-
-tural works at Rs 17,95,000
for which that part of the
Budget has been prepared
and adding to this assignment
the grant for Public Works pro-
-per and the estimated State
Expenditure on guaranteed
Railways, viz Rs 27,20,000 in
round numbers, the total
Imperial allotment for 1871-72

is as

Rs 52,67,000, which His
Excellency the Governor
in Council resolves to dis-
tribute over the various years
of service in the manner
detailed below:-

Main Heads of Service	Minor heads	Not least incomplete estimated "work" amount due to apportionment	Total of last previous column	Gross Grand Total
New Works	Military Civil Buildg. (Public) Telegraph Building Agricultural Machinery do—Extraordinary	5 69020 12 160980 17 230000 3 122000 1 4000 4 126000 4 44650 3 74550 7 119200 3 300000 13 1275000 16 1675000	50005 10000 15000 15000	280002 180000 202762 222251
Repairs	Military Civil Buildg. (Public & Tele. Buildings) Agricultural Machinery	15 52670 29 824530 44 210200 74 257400 235000 228200		22000 4000 120000 142400 113000 10000 55800 272000
Establishments ex- clusive of proportion chargeable to Provincial & Local Funds	Lops & Plant do do Madras Telegraph & Cable Co. Railways do do			
	Total			2007925

4 Under Military, the grant for Major works for 1871-72 falls short of the current year's Budget Allocation by Rs 1,00,000. This is owing mainly to the entire sum to be made available in the ensuing year to be under this head of Service, it being less than the allotment for 1870-71 by one lac of Rupees. A further reduction of Rs 10,000 in the appropriations to Major works has become necessary by the necessity of supplementing the provision for "Repairs Military". The appropriations to Major works under Civil Buildings amounting are the aggregate to Rs 12,50,000 are specially made for Postal and Telegraph Buildings, which are not required to be provided for from Provincial Funds. Under

Under "Agricultural Ordinary" the allotments for Major Works amount in all to Rs 119,200 which is in excess of the Budget provision for the current year by Rs 54,000. The comparative Budget to be issued of Provincial Funds will include provision for major works under "Communications, Pub. Inpt." as well as for "Civil Buildings" unconnected with the Telegraph and Postal Departments.

5. The Reserve, or grant for Minor Works, Imperial, for 1871-72 is Rs 2,35,000.

6. The short provision of Rs 10,000 under "Military

Rs

x Rs 54,000

x Rs 2,000

14
as compared with the current year's estimate has been diverted to the Minor head "Repairs".

7. The grant for Minor Works under "Civil Buildings" is intended for appropriation exclusively to buildings that may be required by the Postal and Telegraph Departments.

8. Of the short provision of Rs 15,000 under Minor Works "Agricultural" Rs 5,000 have been appropriated, partly to specific Major Works in P. and partly to augment the provision for "State Outlay" on guaranteed irrigation works, the balance being taken to increase the allotment for Establishments regarding which full explanation has

has been afforded to the
Govt. of India.

9. The following allot-
ments are authorized from
the Reserve under Military
and Agricultural to meet
demands on account of
Minor New Works within
the competence of the Super-
intending Engineers to save
revenue.

Districts	Military	Agrl	Total
Ganjam	-	1000	1000
Wangapatam	300	500	800
Godavari	300	6000	6300
Trichna	-	5000	5000
Nellore	-	5000	5000
Cuddapah	-	4000	4000
Tirunel	400	2000	2400
Bellary	3000	4000	7000
Princelney	3000	-	3000
Chingleput	1500	5000	6500
North Arcot	300	6000	6300
South Arcot	-	6000	6000
Salem	200	2000	2200
Bangalore	3000	-	3000
Tanjore	-	10000	10000
Trichinopoly	1700	3000	4700
Cumbaloor	500	2500	3000
Melgherry	1000	-	1000
Malabar	2000	500	2500
South Canara	300	-	300
Madura	-	3000	3000
Tinnevely	500	7500	8000
Total	18000	73000	91000

15
39 + 10. These sums will be
at the disposal of the local
officers on the 1st April 1871th
and deducting them from
the total provision for
Minor Works, Imperial,
the balances which will re-
main at the disposal of
Govt. are as follow:

Under Military . . . 32000
Agricultural . . . 102000
Civil Buildings (Postals
+ Telegraph buildings) } 10000
Total 144000

11. Minor Works under
Civil Buildings (other than
those connected with the Postal
+ Telegraph Departments) and
those under Communications
and 'Misc. Pub. Supt.' will
be provided for in the orders
which will be passed on the
issue

issue of the Provincial
Budget Estimates.

12. The orders contained
in paras 4, 14 to 16, 32, 32, 36
37, 38, 51, 52 & 53 of No 3044
dated 15th Decr/90 should
receive the attention of the
Officers concerned

13. Under Repairs,
Imperial, the aggregate
Budget provision for 1871/72
is Rs 14,24,000. The distribu-
tion of these grants among
the several districts is noted
in the following abstract.

Districts

37

	Military	Civil Public for Postal & Telegraph Dep'ts	Agriculture & Irrigation
Ganjam	920	200	22500
Vizagapatam	10100	200	8500
Godavery	.	200	155000
Kistna	700	200	75000
Adilshah	.	200	56000
Buddapah	.	200	70000
Kurnool	.	200	20000
Bellary	25000	200	51500
Presidency	66247	200	3000
Chingleput	25350	200	90000
North Arcot	3610	100	110000
South Arcot	.	100	107500
Salim	2850	200	35000
Bangalore	41945	100	.
Tanjore	.	200	145000
Trichinopoly	9618	200	71000
Coimbatore	400	200	48000
Neelcheruvu	9200	200	.
Malabar	20000	200	1100
Mysore	.	.	.
South Canara	1300	100	.
Madura	.	200	41000
Tinnevely	2700	200	89900
	220000	4000	1200000

14. The excess provision
of Rs 20,000 under Military
as compared with the current
year's grant is explained in
para

para 20 of G.O. of the 15th Dec.
ember 1870.

15. For Repairs under
'Communications'; 'Mis: Pub.
Supt.'; and 'Civil Building'
unconnected with the Postal
and Telegraph Departments,
provision will be made
in the Provincial Budget.

16. The Budget of Estab-
lishments amounts to Ru-
pees 2,010,718. This is less
than the original Budget
Estimate for 1870-71 by
Rs 114,682. Taking, however,
into consideration the re-
duction of two lacs of Ru-
pees in 1870-71 ordered by
the Govt. of India, the
outgoing

x Rs 21,25,400

39

outgoing Budget shows
an excess over the reduced
estimate of the current
year of Rs 85,318 which
will be found explained
in paras 23 + 25 to 30 of
the order of the 15th Decem-
ber 1870.

17. The entire amount
provided in Part IV, and
passed by Government
is Rs 2,010,710, of which
Rupees 9,30,000 is proposed to be
charged to Ordinary and Rupees
2,00,000 to Extraordinary.
The balance Rupees 8,80,710
will be provided from
Provincial

Provincial and Local Funds -

18. The sum specifically set apart by the Govt. of India for Establishments, Ordinary, is Rs 83,000 to which His Excellency in Council for the reasons explained in para 25 of G.O. of the 15th December 1870, has added one lac of Rupees by transfer from the allotment for Agricultural works Ordinary.

Memorandum

41

19. The grant from Imperial Funds (Ordinary & Extraordinary) for "Tools and Plant" - Part of the Budget is Rs 1,00,000, as follows.

	London supplies -	Rs 50,000
Ordinary	{ Stores to be purchased and charges for repairs and carriage to be incurred in India -	Rs 30,000
Extraordinary.	Do - Do -	20,000
Total		Rs 1,00,000.

20. The provision for London supplies will be supplemented by Rs 30,000 when the Provincial Budget is issued.

21. The amount that will be available under these orders to defray charges on account of Tools and Plant to be incurred in India

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22. The amounts for which the Budgets of State Expenditure on Railways and in connection with the works of the Madras Irrigation and Canal Company have been separately passed are Rupees 2,72,000 and Rupees 55,800 respectively, as detailed in Para 40 of G. O. of the 15th December last.

No. 2734, dated 15th November 1870.
2985, " 7th December "

23. The outlay proposed from Imperial funds is shown in the following abstract.

Items	Military Buildings	Civil	Agricultural	Agri-cultural	Extraordinary Imperial	Total
Part II. New Works						
Grant for Minor Works	2,39,000	12,000	11,9200	15,75,000	20,50,200	
Part III. Repairs	50,000	10,000	1,75,000	"	2,35,000	
	2,20,000	4,000	12,00,000	"	14,21,000	
Total for New Works and Repairs	5,00,000	14,000	14,94,200	15,75,000	37,09,200	
Part IV. - Establishments	"	"	"	"	11,30,000	
Part V. - Tools and Plant	"	"	"	"	1,00,000	
Part VI. - Madras Irrigation and Canal Company.						
State Outlay	"	"	"	"	55,800	
St. Railways State Outlay	"	"	"	"	2,72,000	
Grand Total	5,00,000	14,000	14,94,200	15,75,000	52,67,000	

New Works.

22 24. The estimates for the
the works noted below have
tu not yet been sanctioned.

Military.

co of (1) Bangalore. Buildings to
accommodate an additional
a Regiment of Native
h Infantry.

a (2) D. Drinking water
scheme from the
G Ulsoor Tank and
a Shobier's wells. Revised.

1 G (3) D. ~~Quarters for Hospital~~
1 2 ~~Sergeants attached to~~
1 ~~pavilion already~~
1 ~~built on the Race~~
a ~~Course~~

1 (3) D. School room for
adults. Infantry.

Civil Buildings

1 (4) Rajamundry-Telegraph
Office

1 (5) Madras D.
Agricultural.

47

21
Agricultural, Extraordinary
(6) Gonyam. Poozhkoolia
Project.

(7) Godavery. Western
Delta Project.

(8) D. Eastern Delta D.

(9) Krishna. Extension of
the Commamoor Channel
(Revised)

(10) D. Widening the head
of the Masulipatam
Canal. (Revised)

(11) Chingleput. Madras
Water Supply Project.
(Revised)

(12) Tanjore. Cauvery and
Tennaur Head Works

(13) Madura. Perryaur
Project.

25. The estimates for items
1 and 2 have yet to be sub-
mitted and that for item
2 is under the
consideration

consideration of Govt. The
Postal and Telegraph
Buildings, entered as items
5 and 6, are provided for
under express orders from the
Government of India.

26. A separate report
has been made to the
Government of India
with reference to the Extra-
ordinary Agricultural
Works which appear in
the outgoing Budget without
sanctioned estimates, original,
supplemental, or revised.

27. The funds that will be
at the disposal of the Local
Public Works Officers for
expenditure on the 1st
April next are noted below.

Districts	Original Works Major Rs.	Minor Works Matlab Rs. less than Rs. 500 each	Repairs	Tools and Plant	Total
Ganjam	50,000	1,000	23,620	180	74,800
Vizagapatam	4,000	800	16,860	180	23,840
Godavery	522,000	6,300	155,200	360	683,860
Elitna	220,000	5,000	75,900	930	301,830
Nellore	100,000	5,000	56,200	600	161,800
Cuddapah	"	4,000	70,200	300	74,500
Tirunelveli	"	2,400	20,200	240	22,840
Bellary	57,300	7,000	76,700	300	141,300
Presidency	100,000	3,000	69,447	60	172,507
Chingleput	206,550	6,500	115,550	882	329,482
North Arcot	14,650	6,300	11,3710	405	13,5065
South Arcot	105,000	6,000	107,600	636	219,236
Salem	"	2,200	38,050	420	40,670
Bangalore	87,360	3,000	42,045	15	132,420
Tanjore	260,000	10,000	145,200	900	416,100
Tychinopoly	3,000	4,700	80,818	570	89,088
Coimbatore	"	3,000	48,600	1,092	52,692
Nilgherries	30,000	1,000	9,400	1,020	41,420
Malabar	15,340	2,500	21,300	300	39,440
Wynaad	"	"	"	420	420
South Canara	"	300	14,000	900	26,000
Madura	100,000	3,000	41,200	750	144,950
Tinnevely	175,000	8,000	92,800	540	276,340
General Superintendent of the Public Works Store Department	"	"	"	18,000	18,000
Total	2,050,200	91,000	1,424,000	30,000	3,595,200

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28. A statement of the
estimated outlay from guaran-
teed and loan capital will
be found at Para 55 of the
Order of the 15th December 1879.

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974-1-4-71

1636-17-6-71

1657-19-6-71

1873-17-7-71

1918-21-7-71

The Chief Eng^r for Irrigation

Superintending Eng^r

Major R. B. Kennedy

The Controller of the District

County for Rags

Co- for the M. L. Local Company

Genl. Supdt. of M. L. Stores & Materials

M^r R. Smith, Ex-Eng^r in Special Duty

The Public & Dept

Reve. Dept

Military

Board of Revenue

Master Attendant

Director of Public Instruction

Inspector Genl. of Police

Accountant General

Respt to all
and List

187-58-57. 4239

Govt. of 1872. Madras.

PUBLIC WORKS.

The Chief Engineer for
Irrigation

Dated

Recd

Encl

G.O. 8th Feb 1872. No 389

Nos. 186 @ 189

Public Works Budget Estimate
1871-72. - Passing Orders on
Circular from the Govt.
India reducing the Ordinary
Imperial grant for 1871-72,
and calling for a revised
Public Works Budget Estimate