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MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**

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PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 15th December 1870.

No. 325.

No. 3,045.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

ACCOUNT, No. 25.

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

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

2. The Imperial grant for Madras, excluding the estimated State Outlay on
Guaranteed Railways, is Rupees 73,75,000, which the Government of India, in
their Circular No. 61, of the 19th October 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 dis- tributed by the Govern- ment of India.	Grant as dis- tributed in accompanying Budget.	Increase.	Decrease.
<i>Ordinary.</i>	RS.	RS.	RS.	RS.
Military ...	5,00,000	5,00,000	.....	.....
Agricultural ...	16,50,000	5,50,000	.....	1,00,000
Other Services ...	18,35,800	17,67,300	.....	68,500
Establishment ...	13,09,200	14,77,700	1,68,500	.....
Tools and Plant ...	1,30,000	1,30,000	.....	.....
Total Ordinary...	54,25,000	4,25,000	1,68,500	1,68,500
<i>Extraordinary.</i>				
Works ...	17,30,000	5,75,000	.....	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...	73,75,000	72,20,000	1,68,500	3,23,500

3. The addition of Rupees 68,500 to "Establishments Ordinary" from the
grant for Other Services has been made in pursuance of Clause V. of paragraph
14 of the Circular already quoted. As regards the transfer of Rupees 1,00,000

5. The Public Works allotment, as modified by this Government, added to the estimated State Outlay on Guaranteed Railways, as per my letter No. 2,735, dated 15th ultimo, viz., Rupees 272,000, amounts in the aggregate to Rs. 74,92,000 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.
		Num- ber.	Amount allotted. RS.	Num- ber.	Amount allotted. RS.	Num- ber.	Amount allotted. RS.	RS.	
New Works	Military	5	69,020	12	1,60,980	17	2,30,000	50,000	2,80,000
	Civil Buildings ... ..	..	.....	44	3,38,500	44	3,38,500	50,000	3,88,500
	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
	Communications ... ..	..	.....	23	2,20,000	23	2,20,000	50,000	2,70,000
	Miscellaneous Public Improve- ment ... ..	..	.....	4	18,000	4	18,000	6,500	24,500
	Total...	12	4,13,670	99	20,87,030	111	25,00,700	3,31,500	28,32,200
Repairs	Military ... ..	..	.....	..	.....	..	.....	.....	2,20,000
	Civil Buildings ... ..	..	.....	..	.....	..	.....	.....	1,14,000
	Agricultural—Ordinary ... ..	..	.....	..	.....	..	.....	.....	12,00,000
	Communications ... ..	..	.....	..	.....	..	.....	.....	9,55,300
	Miscellaneous Public Improve- ment ... ..	..	.....	..	.....	..	.....	.....	15,000
	Total...	..	.....	..	.....	..	.....	.....	25,04,300
Establishment, exclusive of pro- portion chargeable to Local Funds... ..	Tools and Plant do. ... ..	..	.....	..	.....	..	.....	.....	16,77,700
	Madras Irrigation and Canal Com- pany—State outlay ... ..	..	.....	..	.....	..	.....	.....	1,50,000
	Railways... ..	..	.....	..	.....	..	.....	.....	55,800
	.....	..	.....	..	.....	..	.....	.....	2,72,000
	Total ..	..	.....	..	.....	..	.....	.....	74,92,000

6. Compared with the sums passed by the Government of India in their orders on the current year's Budget, the Imperial allotment for 1871-72, excluding the provision for State Outlay on Railways, falls short of that sanctioned for 1870-71 by Rupees 5,05,000, as detailed in the subjoined statement:—

Heads.	For 1870-71.	For 1871-72.	Less.	More.
	RS.	RS.	RS.	RS.
New Works.				
Military ...	3,40,000	2,30,000	1,10,000	.....
Civil Buildings ...	4,17,000	3,38,500	78,500	.....
Agricultural, Ordinary.	65,200	1,19,200	.....	54,000
Do. Extraordinary.	18,80,000	15,75,000	3,05,000	.....
Communications	2,00,000	2,20,000	.....	20,000
Miscellaneous Public Improvement	13,800	18,000	.....	4,200
Reserve	5,41,000	3,31,500	2,09,500	.....
Military ...	2,00,000	2,20,000	.....	20,000
Civil Buildings	1,10,000	1,14,000	.....	4,000
Agricultural, Ordinary.	12,00,000	12,00,000	.....	.....
Communications	9,30,000	9,55,300	.....	25,300
Miscellaneous Public Improvement	15,000	15,000	.....	.....
Establishment, Imperial, including charge against Extraordinary Agricultural Grant	16,09,200	16,77,700	.....	68,500
Tools and Plant do. do.	1,50,000	1,50,000	.....	.....
Madras Irrigation and Canal Company—State outlay	53,800	55,800	.....	2,000
Total...	77,25,000	72,20,000	7,03,000	1,98,000
Net decrease...	.....	.....	5,05,000	.....

7. The appropriations in the Budget Estimate for 1871-72 to Major Works, Imperial, amount in the aggregate to Rupees 25,00,700, being Rupees 4,15,300 less than the grant for the current year, as shown in the following abstract:—

Heads.	For 1870-71.	For 1871-72.	Less.	More.
	RS.	RS.	RS.	RS.
Military				
Accommodation for Troops	2,32,150	2,00,000	32,150	.....
Ordnance	37,650	.....	37,650	.....
Staff	70,200	30,000	40,200	.....
Total...	3,40,000	2,30,000	1,10,000	.....
Civil Buildings.				
Revenue Buildings.	72,800	40,800	31,910	.....
Post and Telegraph Buildings	3,000	3,700	.....	700
General do.	43,220	29,050	14,170	.....
Judicial do.	2,97,980	2,64,860	33,120	.....
Total...	4,17,000	3,38,500	79,200	700

Heads.	For 1870-71.	For 1871-72.	Less.	More.
	RS.	RS.	RS.	RS.
Agricultural ...				
Extraordinary. Irrigation Canals.	18,80,000	15,75,000	3,05,000	.....
Total...	18,80,000	15,75,000	3,05,000	.....
Ordinary. Irrigation Canals.	60,700	1,14,200	.....	53,500
Tanks	4,500	5,000	.....	500
Total...	65,200	1,19,200	.....	54,000
Communications.				
Roads	1,09,980	1,76,600	41,600	.....
Bridges	73,300	31,700	5,020	.....
Navigable Canals.	16,720	11,700	.....	.....
Total...	2,00,000	2,20,000	46,620	66,620
Miscellaneous Public Improvement.				
Ports and Harbours	13,800	5,800	8,000	.....
Municipal	.....	12,200	.....	12,200
Total...	13,800	18,000	8,000	12,200
Grand Total...	29,16,000	25,00,700	5,48,820	1,33,520
Net decrease...	.....	.....	4,15,300	.....

8. 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 necessary by the necessity of supplementing the provision for "Repairs, Military," as herein after explained. The appropriations to Major Works under "Other Services" in the outgoing Budget amount in the aggregate to Rupees 5,76,500. This is less than the provision for 1870-71 by Rupees 54,300, which sum it has been found necessary to divert from this head to cover, in part, the excess over the allotment sanctioned by the Government of India for Establishments as above explained. Under the four heads already noted, none other than incomplete works, save those specified in the margin, have found a place in the Budget of 1871-72, and, even amongst works of this class, the Government have had no alternative but to exclude the Great Northern Road, as well as a large number of Talook Catcherries and Subsidiary Jails which, for want of funds, are left in an unfinished state. 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

* Comprising Civil Buildings, Communications, and Miscellaneous Public Improvement.

† Rupees 6,30,800.

- Military.**
- (1) Ghooty Rest-house, Bellary.
 - (2) Buildings for the accommodation of an additional Regiment of Native Infantry at Bangalore.
 - (3) Cook-room for Recreation-room, etc., at the Cavalry Barracks at Bangalore.
 - (4) Hospital Serjeant's quarters at Bangalore.
 - (5) School-rooms for adults (Infantry) at Bangalore.

2

Rupees 15,75,000 as follows, being Rupees 3,05,000 less than the grant for 1870-71:—

	RS.
Ganjam.—Rooshkoolia Project	50,000
Godavery.—Western Delta Project	3,00,000
Do. Eastern do.	2,00,000
Kistna.—Kistna Delta Works	1,90,000
Nellore.—Pennair do.	1,00,000
Chingleput.—Water Supply Project	1,00,000
South Arcot.—Palandoray do.	1,00,000
Tanjore.—Cauvery and Vennaur Works	2,60,000
Madura.—Perryaur Project	1,00,000
Tinnevely.—Streeviguntam Project	1,75,000
	15,75,000

9. If the provision of Rupees 15,75,000 just mentioned be added to the estimated charges for Establishments* and Tools and Plant,† Extraordinary, the entire amount to be provided from Budget grant for the current official year.
- * Rupees 2,00,000.
† Rupees 20,000.

10. In paragraph 11 of their Circular No. 61, the Government of India observe that it is expected that the several Governments and Administrations will make suitable provision from the grant for "Other Services" for works connected with the Postal and Telegraph Departments. The amount available for Major Works under "Other Services" in this Presidency is only Rupees 5,76,500, of which this Government have found it utterly impossible to appropriate a larger sum than Rupees 3,38,500 to "Civil Buildings". As already stated, the allotments under this head are confined to incomplete works, and amongst these, to only a few pressing required works; and as no reductions can be made in the assignment of the buildings to the detriment of the public service, His Excellency in Council regrets that, beyond providing the balance of the sanctioned estimate for the Post Office at Vizagapatam, it has been found impracticable to give effect to the wishes of the Government of India. The Minor Works grant available for appropriation to "Civil Buildings" on the 1st April next will be only Rupees 50,000, and as this amount will be manifestly insufficient to meet the ordinary requirements of this Presidency, His Excellency in Council confidently hopes that, taking into consideration the exceptionally small and utterly inadequate allotments made to Madras under "Other Services," the Government of India will specially provide funds in the ensuing year for the construction of such buildings as may be required to meet the wants of the Postal and Telegraph Departments.

11. The works which appear in the accompanying Budget without sanctioned estimates, original, supplemental, or revised, are noted below:—

Military.

1. Bangalore.—Buildings for the accommodation of 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 pavalion already built on the Race Course.
4. Do. School-room for adults, (Infantry).
Civil Buildings.
5. Presidency.—Lunatic Asylum, (supplemental).
6. North Arcot.—Vellore Central Jail (Supplemental).
7. Madura.—Preservation of Tiroomalay Naick's Palace.
Communications.
8. Vizagapatam.—Constructing roads and clearing jungle in the Jeypore country.
Agricultural Extraordinary.
9. Ganjam.—Rooshkoolia Project.
10. Godavery.—Western Delta Project.
11. Do. Eastern Delta do.
12. Kistna.—Extension of the Commamoor channel (revised).
13. Do. Widening the head of the Masulipatam Canal (revised).
14. Chingleput.—Madras Water Supply Project (revised).
15. Tanjore.—Cauvery and Vennaur Head Works.
16. Madura.—Perryaur Project.

12. Adopting the policy of concentrating troops in large Military stations, His Excellency in Council has resolved upon locating another Regiment of Native Infantry at Bangalore. With a view to carrying out this arrangement Rupees 40,000 have been allotted for a commencement being made with the requisite buildings—Item one. No outlay will, however, be incurred till the plans and estimates have received the sanction of the Governor-General in Council, to whom they will be submitted in accordance with paragraph 56, Section I., Chapter XVI. of the Code of the Government of India.

13. As regards the second item, I am to explain that it has been found that the water of the Ulsoor Tank is not fit for drinking or culinary purposes even after being carefully filtered, and it having been decided that all water required for these purposes should be drawn from the Dhobies' wells, the Ulsoor Water Works Project will have to be greatly modified to meet the change. The detailed works of distribution intended to be provided for in that project will now therefore require to be included in that for obtaining pure water from the Dhobies' wells. His Excellency in Council is of opinion that, regarding the delivery to the troops of water for all purposes as the object to be effected, it will be advisable to treat the two projects as forming but one work. The Superintending Engineer has accordingly been directed to take measures for the early preparation of the necessary plans and estimates on the most economical basis, and no expenditure will be permitted till the scheme has received the sanction of the Governor-General in Council.

14. The necessity for the third and fourth works was lately pressed upon the attention of this Government by His Excellency the Commander-in-Chief, and measures have been taken for obtaining the required plans and estimates. Much inconvenience is felt from the want of accommodation for the Hospital Serjeants on the Race Course at Bangalore, and as regards the proposed school for adults at that station, it has been represented that, owing to the absence of such a building, the men have to be assembled in the verandahs of the barracks, and considerable difficulty is consequently experienced in inducing them to attend.

15. The estimate for the fifth work is now before the Government of India.

16. With respect to Items six and seven I am to explain that, in the latter case, a distinct estimate has been sanctioned for the work to be undertaken from the current year's grant of Rupees 10,000, and that the same course will be followed before outlay is permitted to be incurred from future annual allotments. As regards the former, the required supplemental estimate is daily expected

17. In their orders on the current year's Budget, the Government of India observed that some limit of expenditure should be placed on the officer concerned in regard to each item of work to be undertaken from the grant for the construction of roads* and clearing of jungle in the Jeypore country. This was referred for the opinion of the Superintending Engineer of the 1st Division, who now reports that the preparation of surveys and estimates for the road to connect Jeypore with the Vizagapatam District by the Pachipantah Ghaut, on which the Budget allotment of Rupees 10,000 is proposed to be expended, cannot be undertaken till the hot weather sets in, the country being too feverish to admit of any survey party proceeding there at this time of the year. Measures will, however, be adopted for obtaining an estimate before any expenditure is incurred.

18. Following the course adopted last year, and in pursuance of the orders contained in paragraph 4 of the Circular of the Government of India of the 14th October 1869, No. 90, a special report has this day been furnished in reference to the Agricultural Works which are entered in the Budget of 1871-72 without sanctioned estimates.

19. The grant for Minor Works, Imperial, for the ensuing year is Rupees 3,31,500, which is less than the current year's estimate by Rupees 2,09,500.

20. The short provision under each head is noted below:—		RS.
Military	...	10,000
Agricultural	...	1,56,000
Civil Buildings	...	20,000
Communications	...	20,000
Miscellaneous Public Improvement...	...	3,500
		2,09,500

21. The amount short provided under "Military" has been diverted to the sub-head "Repairs," to cover excesses explained in paragraph 26 of this letter.

22. Of the total reduction (Rupees 43,500) on "Other Services," Rupees 14,200 have been diverted to the head "Establishments, Ordinary," and Rs. 4,000 and 25,300 to Repairs, "Civil Buildings," and "Communications," respectively. The necessity for these transfers is explained in paragraphs 3, 26, and 27.

23. Of the short provision of Rupees 1,56,000 under "Agricultural," Rupees 56,000 have been appropriated partly* to specific Major Works in Part II., and partly† to augment the provision for State expenditure on Guaranteed Irrigation Works, the balance being taken to supplement the allotment for Establishments, Ordinary, as explained in paragraph 3 above.

24. Under Repairs, Imperial, the aggregate Budget provision for 1871-72 is Rupees 25,04,300 against Rupees 24,55,000 allotted in the current year. The distribution of these grants amongst the several districts is noted in the following abstract:—

Districts.	MILITARY.		CIVIL BUILDINGS.		AGRICULTURAL.		COMMUNICATIONS.		MISCELLANEOUS PUBLIC IMPROVEMENT.	
	1870-71.	1871-72.	1870-71.	1871-72.	1870-71.	1871-72.	1870-71.	1871-72.	1870-71.	1871-72.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam	720	920	2,900	3,700	22,500	22,500	47,748	48,578	100	.....
Vizagapatam	5,160	10,160	1,600	2,400	8,500	8,500	28,964	29,164	300	300
Godavery	.....	.....	5,500	5,100	1,46,000	1,55,000	22,321	21,800	7,835	7,835
Kistna	741	700	4,000	3,500	70,000	75,000	40,390	41,350	500	500
Nellore	.....	.....	2,400	2,400	54,000	56,000	44,536	47,272	.....	.....
Cuddapah	.....	.....	2,900	2,400	72,500	70,000	46,650	46,350	.....	.....
Kurnool	.....	.....	650	800	17,000	20,000	38,787	33,187	.....	.....
Bellary	25,000	25,000	1,900	2,400	51,500	51,500	52,400	58,525	300	300
Presidency	70,079	66,247	25,180	31,000	3,000	3,000	23,453	20,453	50	50
Chingleput	21,350	25,350	9,500	9,700	85,000	90,000	82,007	1,00,571	50	50
North Arcot	4,110	3,610	5,300	6,000	1,07,000	1,10,000	28,275	30,900	140	140
South Arcot	.....	.....	3,600	3,300	1,07,500	1,07,500	60,121	59,417	.....	.....
Salem	2,000	2,850	5,520	3,670	35,000	35,000	42,600	41,900	.....	.....
Bangalore	37,440	41,945	1,500	2,000	1,45,000	1,45,000	41,053	38,418	5,000	5,000
Tanjore	.....	.....	9,500	7,300	71,000	71,000	35,888	36,365	.....	.....
Trichinopoly	6,000	9,618	3,600	2,600	40,925	48,000	32,380	31,680	.....	.....
Coimbatore	400	400	3,400	3,400	.....	.....	27,220	26,720	300	400
Neigherries	7,000	9,200	2,000	2,000	1,100	1,100	51,630	51,130	200	200
Malabar	16,000	20,000	4,900	4,900	.....	.....	42,650	42,650	.....	.....
Wynaad	.....	.....	1,900	1,900	.....	.....	40,573	40,370	25	25
South Canara	1,300	1,300	3,500	3,600	41,000	41,000	57,400	61,250	100	100
Madura	.....	.....	3,600	3,530	86,500	89,900	47,954	47,250	100	100
Tinnevely	2,700	2,700	4,250	4,400	.....	.....	.....	.....	15,000	15,000
Total...	2,00,000	2,20,000	1,10,000	1,14,000	12,00,000	12,00,000	9,30,000	9,55,300	.....	.....

* Rupees 54,000.

† Rupees 2,000.

25. The excess provision of Rupees 49,300 appears under the following heads:—

	RS.
Military	20,000
Civil Buildings	4,000
Communications	25,300

26. The additional assignments under the two former of these heads are due to the necessity of providing adequately for all claims, supported by rule, to house-rent and compensation for inferior quarters made on behalf of Military Subordinates and of Medical Subordinates in Military and Civil employ, respectively. The provision under these heads in the outgoing Budget is calculated to be the aggregate of the charges in the current year.

27. The excess provision under "Repairs Communications" represents the grants required for the maintenance of additional lengths of Imperial roads which have recently been constructed.

28. Under "Agricultural" and "Miscellaneous Public Improvement," the allotments for 1871-72 are exactly the same as those provided in the current year's Budget, and call for no remark.

29. The Budget of Establishments, as submitted by the Controller of Public Works Accounts, amounts to Rupees 20,10,718. This is less than the original* Rupees 21,25,400.

Budget Estimate for 1870-71 by Rupees 1,14,632. 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 is explained as follows:—

Difference (to be met from savings) between the amount by which the Budget Estimate of 1870-71 was ordered to be reduced by the Government of India and that of the specific reductions made by this Government

Net excess as shown below by the adoption of the new scale of salaries recently sanctioned:—

Excess under "Direction"	10,440
Do. "Accounts"	3,825

Deduct saving under "Construction"

Additional house-rent for the Chief Engineer for Irrigation.	5,141
Addition on account of official postage (Rupees 45,000—41,920 =)	360
Do. do. of pay proper of seconded officers, and Presidency house-rent to Engineer Establishment under "Construction"	3,080
Slight excess in salary of Mechanical Engineer	780
Addition on account of 50 per cent. increase to Wynaad Officers, calculated at the present rate of charge	84
Do. do. to Wynaad Establishments	920
Additional charge on account of Surveying Master to Civil Engineering College	468
	1,200

	RS.
Additions on account of sanctioned Conservancy Establishments, and amount disallowed in current year's estimate in order to make up round numbers	3,986
Increase on account of travelling allowance under "Construction"	45,000
	92,768

Deduct—

Saving by reduction in the number of Assistant Engineers of the 3rd grade from 7 to 4 (Rs. 1,400—1,000=400×12=.)	4,800
Do. on the grant for contingencies of the Civil Engineering College	950
Do. do. for Local Fund Petty Establishment and Contingencies	1,700
	7,450
Net Increase...	85,318

30. The entire amount provided in Part IV, and passed by this Government, is Rupees 20,10,710 distributed as follows:—

	RS.
*District Road Fund Petty Establishment and Contingencies	1,18,630
Ten per cent. for Public Works supervision on the estimated outlay on Road Fund Works, namely, Rs. 19,89,970.	1,99,000
† Do. do. on East Coast Canal Works viz., Rupees 12,200	1,220
Canal Fund Petty Establishment	2,500
	3,720
Against Imperial, Ordinary.	14,77,700
Do. do., Extraordinary	2,00,000
Total Imperial	16,77,700
*District Road Fund... ..	3,17,630
†Canal Fund... ..	3,720
Port do. ten per cent.	9,990
Educational Fund do.	1,670
Total Local	3,33,010
Grand Total... ..	20,10,710

31. Comparing the above with the current Budget, it will be seen that the relief to be afforded next year to the Imperial grant under the head of Establishments by Borrowed Capital and Local Funds is estimated at Rupees 1,00,000 less and Rupees 18,500* more respectively than was passed for 1870-71 in the orders of the Government of India, dated 2nd March 1870, No. 120-A.G.

* In 1870-71, the 10 per cent. allowed for Public Works supervision was Rupees 193,380. The estimate for next year is Rupees 2,11,880, as follows:—

	RS.
Road Fund	1,99,000
Canal do.	1,220
Port do.	9,990
Educational do.	1,670
Total	2,11,880

32. In former Budgets the charges for official postage were entered in a lump sum under "Construction." In the present estimate, the amount will be found distributed under "Direction" and "Accounts," to tally with the advices which the Controller receives from time to time from the Comptroller General of Accounts, who, it is stated, furnishes periodical statements in which the Postal Department classifies the charges under the following heads:—

Secretary.
Superintending Engineers.
Controller.

33. The provision for official postage in the Budget of 1871-72, namely, Rupees 45,000, is the estimated charge under that head for the current official year.

34. In the preparation of the Budget of Establishments, the new consolidated rates of salary have been adopted, the provision for Military allowances for Superintending Engineers and for Executive and Assistant Engineers being the difference between the total of the consolidated rates, and the salaries which will be passed to the officers *who are likely to hold the various appointments in the next official year.*

35. In explanation of the excess of Rupees 45,000 on account of travelling allowance under "Construction," I am to annex in the margin a memorandum of the audits during the first seven months of the current year, from which the Government of India will note that the average charge on account of travelling allowance under "Construction" is Rupees 17,240 per mensem. This will give a total of Rupees 2,06,880 per annum, or Rupees 45,000 in round numbers in excess of the reduced grant (Rupees 1,61,884) for 1870-71.

36. His Excellency in Council does not doubt that the travelling allowance bills of the members of the Public Works Department are carefully scrutinized in the Office of the Controller, and, in order to show that the charges on account of travelling allowance, as provided for in the accompanying Budget, are in no way excessive or unusual, I am to explain that the bills for travelling allowance under "Construction" actually passed in 1868-69 and 1869-70 amount in the aggregate to Rupees 2,04,655 and 2,12,709, respectively. Seeing that the Budget Estimate for 1871-72 is prepared strictly with reference to what are likely to be the actuals of that year under the various heads, the Government deem it absolutely necessary to make specific provision for the excess charge of Rupees 45,000.

37. Consequent upon the orders passed by the Government of India on the Budget for the current official year, a large reduction was made by this Government in the sanctioned Executive and Office Establishments of the Public Works Department of this Presidency. Numerically considered, His Excellency in Council is convinced that further reduction is impracticable, and as the salaries of the various grades of the Engineer and Subordinate Establishments are those obtaining throughout India, while the salaries of members of Office Establishments are lower, this Government feel unable to effect any saving on Part IV. of the Budget as now submitted.

38. The estimate for Tools and Plant amounts in the aggregate to Rupees 1,73,900 as follows:—

Ordinary	...	...	...	...	...	Rs.
Extraordinary	...	...	...	...	...	1,30,000
Local { District Road	...	...	...	...	...	20,000
Port	...	...	...	...	...	22,900
	...	...	...	...	...	1,000
Total...	...	...	...	...	...	1,73,900

39. Excluding the provision of Rupees 20,000 from the Extraordinary grant the distribution of this allotment is noted below:—

Surveying and Mathematical Instruments...	2,500
Machinery	2,500
Plant	2,060
Tools	36,700
Office furniture	845
Camp Equipage	920
Repairs and Carriage from place to place	28,375
Total for Tools and Plant to be purchased in India and expenses of landing shipping and repairing Machinery, etc.,	73,900
For stores from Europe as per accompanying indent	80,000
Grand Total...	1,53,900

40. The Imperial grant for Tools and Plant, and its distribution between Ordinary and Extraordinary, are the same as in the current year. With respect to the allotment chargeable to the latter source, I am to state that orders have been issued by this Government prohibiting outlay being incurred until the estimates have received the sanction of the Government of India.

41. His Excellency in Council has not yet had placed before him a statement of the probable cost of the printing charges to be incurred in the ensuing official year, but I am to state that, in pursuance of the orders of the Government of India quoted in the margin, these Circulars of the Government of India, Nos. 50 and 54 of 1870.

will be provided for from the Budget grant for Tools and Plant.

42. In conformity to the orders of the Government of India, conveyed in paragraph 8 of their Circular of the 19th October last, a statement is added to the Budget Estimate, as Appendix D., to show, in the form of Appendix A. of the Annual Appropriation Account, the amount proposed to be charged to each work, or system of works, on account of Establishments and Tools and Plant respectively. This statement, I am to observe, must be regarded only as a very rough estimate, since, in the case of Tools and Plant, this Government have not yet been furnished by the Superintending Engineers concerned with details of the requirements of each Extraordinary work for 1871-72, while, in that of Establishments, it is impossible now to calculate the charges that will appear under that head against such works as have not yet been commenced, and for the supervision of which, if undertaken in 1871-72, separate and special establishments will have to be organized. Should it be found, as the year passes on, that the estimate for Establishments is higher than what are likely to be the actuals, timely measures will be taken by this Government for providing the difference by transfers in accordance with the rules promulgated in the summary appended to paragraph 14 of the Circular of the Government of India of the 19th October 1870. As respects Tools and Plant, it is not possible for the Extraordinary grant to be debited with a larger share of the charges under that head than is allowed by the rules, since those

rules prescribe that, except in the case of Tools and Plant purchased directly for works undertaken from Borrowed Capital, the cost of which is at once debited to the Extraordinary grant, all other charges shall fall upon the Ordinary Public Works assignment of the year.

43. Part VI., or the Budget of State Outlay on Guaranteed Companies, amounts to Rupees 3,27,800 the distribution of which is shown in the following statement:—

Guaranteed Companies.	For Land.	For Establishment.	Total.
Railway Companies	RS.	RS.	RS.
Madras Irrigation and Canal Company	1,91,600	80,400	2,72,000
	20,000	35,800	55,800
Total...	2,11,600	1,16,200	3,27,800

44. Subjoined is an abstract of the Budget of Local Funds, so far as it relates to expenditure by officers of the Public Works Department:—

Funds.	New Works.	Repairs.	Establishments.	Tools and Plant.	Total.
District Road, etc.	RS.	RS.	RS.	RS.	RS.
East Coast Canal	12,76,580	7,13,390	3,17,630	22,900	23,30,500
Educational	11,500	12,200	3,720	.....	15,920
Port	92,430	5,200	1,670	.....	18,370
		7,420	9,990	1,000	1,10,840
Total...	13,80,510	7,38,210	3,33,010	23,900	24,75,630

45. The General Local Fund Budget will, as usual, be separately submitted, and care will be taken to ensure its despatch in time to reach the Government of India by the date (1st February 1870) fixed in their Orders No. 89, dated 13th October 1869.

46. The subjoined statement shows, in one view, the outlay proposed to be incurred during 1871-72 under all heads and from all sources:—

Items.	MILITARY.		CIVIL BUILDINGS.		AGRICULTURAL ORDINARY.		AGRICULTURAL EXTRAORDINARY.		COMMUNICATIONS.		MISCELLANEOUS PUBLIC IMPROVEMENT.		Total Imperial.	Total Local.	Grand Total.
	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local.	RS.
Part II.—New Works	2,30,000	.....	3,38,500	11,500	1,19,200	.....	15,75,000	.....	2,20,000	12,30,440	18,000	82,900	25,00,700	13,24,840	38,25,540
Grant for Minor Works	50,000	.....	50,000	.....	1,75,000	.....	.....	.....	50,000	41,940	6,500	13,730	3,31,500	55,670	3,87,170
Part III.—Repairs...	2,20,000	.....	1,14,000	5,200	12,00,000	.....	.....	.....	9,55,300	7,13,240	15,000	19,770	25,04,300	7,38,210	32,42,510
Total for New Works and Repairs ...	5,00,000	.....	5,02,500	16,700	14,94,200	.....	15,75,000	.....	12,25,300	19,85,620	39,500	1,16,400	53,36,500	21,18,720	74,55,220
Part IV.—Establishments...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Part V.—Tools and Plant...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Part VI.—Madras Irrigation and Canal Company	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
—State Outlay ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do. Railways—State Outlay ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Total...	5,00,000	.....	5,02,500	16,700	14,94,200	.....	15,75,000	.....	12,25,300	19,85,620	39,500	1,16,400	74,92,000	24,75,630	99,67,630

47. The Budgets of expenditure from Guaranteed Capital amount in the aggregate to Rupees 42,97,636, as follows:—

Madras Railway	RS.
Great Southern of India Railway	27,04,000
Carnatic Railway	20,70,300
Madras Irrigation and Canal Company	9,03,000
	3,94,336
	60,71,636

Deduct—

Madras Railway—estimated receipts from sales of stores, etc., to be credited to Capital	13,20,000
Great Southern of India do. do.	1,90,000
Carnatic Railway do. do.	2,59,000
Madras Irrigation and Canal Company do	5,000
	17,74,000
	42,97,636

I have the honour to be,
Sir,

Your most obedient servant,

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

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 15th December 1870.

No. 326.

No. 3,046.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

ACCOUNT, No. 26.

SIR,—I am directed, with reference to the Circular No. 90, dated 14th October 1869, and to the entries in the Budget of 1871-72 under Agricultural, Extraordinary, against which no sanction of the Government of India is quoted, to afford the following explanations, which His Excellency the Governor in Council trusts will be deemed sufficient:—

Appropriations
or allotments.

ITEM No. 70.—Rooshkoolia Project ... RS.
50,000

The Proceedings, No. 2,553, of the 27th October 1870, of this Government, reviewing the progress of the investigations connected with this project, were transmitted to the Government of India with the letter No. 2,554, of the same date. It is expected that the estimates will be ready for transmission to the Government of India for sanction before the end of the current official year.

ITEM No. 71.—Extension of Irrigation in the western section of the Godavery Delta ... RS.
3,00,000

Estimates amounting to Rupees 12,90,640 have been submitted by the Chief Engineer for Irrigation to Government, and they will be forwarded for the consideration of the Government of India immediately. Various works provided for in these estimates have been allowed by the Government of India to be gone on with in anticipation of the sanction of the complete estimates. The returns from the proposed expenditure will be highly favourable.

ITEM No. 72.—Extension of Irrigation in the eastern section of the Godavery Delta ... RS.
2,00,000

4. The estimates, Rupees 9,45,000, for the improvement and completion of the greater part of this section of the delta were transmitted for the sanction of the Government of India with letter, No. 2,336, dated 28th September 1870.

ITEM No. 78.—Extension of Commamore channel ... RS.
50,000

An estimate for this work was sanctioned in G. O., No. 1,831, dated 24th June 1867, and Rupees 1,75,716 have been expended. It has been considered necessary to revise the arrangements, and the necessary estimates will be got ready as

Sanctioned by the Government of India in letter No. 132-A.I., dated 1st September 1868.

soon as possible. No further work will be undertaken until the revised estimates shall have been duly sanctioned.

ITEM No. 74.—Widening the head of the Masulipatam Canal ... RS. 25,000

The revised estimate, amounting to Rupees 1,13,530, for this work will be submitted to the Government of India for sanction as soon as certain information which has been called for regarding the probable total expenditure on the eastern section of the Kistna Delta and the anticipated results therefrom has been received.

ITEM No. 80.—Madras Water-supply Project ... RS. 1,00,000

The revised estimate, amounting to Rupees 10,42,640, will be submitted to the Government of India, as soon as the question of the assessment of the lands under the Red Hills and Cholaveram Tanks shall have been settled in the Revenue Department. I am to refer you, in connection with this project, to letter No. 1,847, dated 28th June 1870, and to state that the revised estimate will, it is believed, be ready for submission to the Government of India by the 1st January 1871, or soon after that date. The appropriation or allotment entered for 1871-72 is the probable balance of the estimate.

ITEM No. 88.—Cauvery and Vennaur head works ... RS. 1,50,000
The estimate, Rupees 5,20,260, for these works of regulation was submitted to the Government of India with letter No. 2,117, dated 3rd September 1870.

ITEM No. 90.—The Perryaur Project ... RS. 1,00,000
It is expected that the estimates for the complete project will be ready for submission to the Government of India before the close of the current official year. The field-work has been completed, and the designs are now being prepared and the estimates framed. A copy of the last Proceedings of the Madras Government upon this project is enclosed for the information of His Excellency the Governor-General in Council.

2. The only other work requiring notice is Item No. 81 the Chembrumbaukum Tank Project. For this Rupees 66,550 have been allotted under Ordinary, as the work is one which cannot be left in its present incomplete state, but I am to mention that estimates for completing the tank of the full size originally contemplated, but with revised arrangements for its supply, as also for forming this reservoir on a reduced scale, have been prepared, and are now under consideration. No time will be lost in selecting the scheme which may be found to present the greatest advantages, and in submitting the estimates for the sanction of the Government of India.

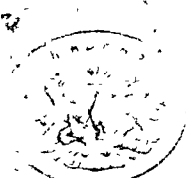
I have the honour to be,
Sir,

Your most obedient servant,

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

Secretary to Government.

Exd. S. T. Augustin.



21
3045
To The Secretary to the
Government of India
Sir,
Under the orders
of His Excellency
the Governor-General in Council
I have the honor to
forward, for the sanction
of the Government
of India, the Budget
Estimate of the Public
Works Department
for the year 1871-72.

2. The Imperial
 grant for Madras,
 excluding the estimated
 State, on the Guaranteed
 Railways is Rs.
 which the Govt of
 India, in their Circular
 No. 6 of the 19th
 October 1870, have
 distributed as follows,
 but which the
 Commission in Council
 proposes to modify
 as noted against
 each head of
 service -

2

Head of Service	Grant as distributed by the Govt of India	Grant as distributed in accordance with the proposed budget	Increase	Decrease
<u>Ordinary</u>				
Military	500.000	500.000		
Agricultural	16.50.000	15.50.000		100.000
Other Services	18.35.800	17.67.300		68.500
Establishment	13.09.200	14.77.700	168.500	
Tools & Plant	130.000	1.30.000		
Total Ordinary	54.25.000	54.25.000	168.500	168.500
<u>Extraordinary</u>				
Works	17.30.000	15.75.000		155.000
Establishment	200.000	200.000		
Tools and Plant	20.000	20.000		
Total Extraordinary	19.50.000	17.95.000		155.000
<u>Grand Total</u>	<u>73.75.000</u>	<u>72.20.000</u>	<u>168.500</u>	<u>342.000</u>

3

The addition of Rs. 68,500 to Rs. 7,000 to the Agricultural Ordinances from the grant for other services has been made in full.

V of para 14 of the Circular already quoted.

As regards the transfer of Rs. 1,00,000 from the allotment for "Agricultural Ordinances" I am to explain that

seeing that the cost of surveys in connection with Extraordinary Agricultural Works is

not permitted to be charged at once to the Extraordinary grant of the year and that it has been determined that the disbursements on this account shall fall on the Ordinary grant, in all cases in which the plans and estimates are not prepared in the year in which the works are sanctioned for execution. The sum of the Ordinary grant against which these charges should appear is clearly in the opinion of the

Excellency in Council
"Agricultural" - Apart
from this, it has to
be borne in mind
that the entire allot-
ment for Agricultural
Works, Ordinary and
Extraordinary, is Rs.
30,69,200
~~21,25,000~~ against
Rs. ^{22,67,300} ~~22,48,800~~ for
Works under all other
heads, and seems
that, on the principles
laid down in the
Orders of the Govt.
of India No 28 AI,
dated 4 Feb/70, the
charges to Extraordinary

on account of Estab-
lishments are not
likely to exceed two
lacs, while the total
estimated outlay
(Imperial) under Es-
tablishments is Rs.
16,77,700
~~16,96,200~~, this Govt
think that if these
orders are to continue
in force, it is only
fair to expect a greater
proportion of the excess
(Rs. ^{1,68,500} ~~1,87,000~~) on Es-
tablishments to be
contributed by the
grant for Ordinary
Agricultural Works.
However, looking
to the large number of

investigation is a task
which are scattered
all over the country
Presidence, therefore
no doubt that preliminary
work of that class
should be put
portion of the business
and attention of the
Executive and Account
Establishments, and
the other region
why the expenses under
Establishments
should fall more heavily
on the Ordinary allotment

21
than on the expenditure for
other services. It
has been shown
that of the excess
of Rs. 18,500 in E
tablissements, it is
proposed to charge
Rs. 8,700 to the pro
vision for other
work, and taking
into account the
charges estimated
at about thirty five
or forty thousand
Rs) on account of
Temporary Survey
Establishments to be
employed on the
investigation of

irrigational schemes
included
to be ultimately carried
out from Borrowed
Capital from the
grant from the
Ordinary Revenues of
the County and owing
due weight to the other
circumstances detailed
above this I must
that the proposed transfer
of one lakh of Rs. 10
from the Ordinary grant
for Agricultural Works
to the head of "Ordinary"
establishments will not be considered

excessive by His Ex-
cellency the Governor
General in Council
With regard to the
diminution of the
allotment for Extra-
ordinary Agricultural
by Rs. 155,000, I am
to state that, having
reconsidered the Es-
timate submitted
with my letter of
the 23 Sept 70 No 231/B
and taking into account
the actuals of previous
year, and the fact
that the Estimates
of some of the works
proposed for execution are

all not yet ready
for submission to the
Joint of India, His
Excellency in Council
considers it inexpedient
to prepare this part
of the Budget for
a larger sum than
£157,500, which
it is believed will
be proved much as well
be needed, and as
can be advantageously
employed on roads
and the general Official
year.

5. The Public

allotment,

as notified by

this Government,

added to the

estimated State Outlay

on Guaranteed Rail

ways, as per my

letter No 2735 of 15/11/1911

amounts in the aggregate

to Rs 272,000 which

will be forwarded distributed

in the accompanying

Finance Budget as

shown in the following

Statement.

Main Headings	Minor Headings	Particulars	Amount	Revenue	Expenditure
		Salaries	125,160,980	17,022,200	50,000,000
		Gratuities	44,338,500	44,338,500	2,000,000
		Other	3,745,500	7,19,200	3,88,500
		Total	173,244,980	28,550,700	53,88,500
		Salaries	12,75,000	16,75,000	15,75,000
		Gratuities	2,20,000	2,20,000	2,75,000
		Other	4,18,000	4,18,000	24,500
		Total	19,13,000	23,13,000	28,22,200
		Salaries	4,13,670	99	2,20,000
		Gratuities	2,20,000	2,20,000	2,20,000
		Other	114,000	12,00,000	9,55,300
		Total	12,44,670	12,44,670	15,000
		Salaries	1,677,700	1,677,700	1,677,700
		Gratuities	1,50,000	1,50,000	1,50,000
		Other	55,800	55,800	55,800
		Total	2,783,500	2,783,500	2,783,500
		Salaries	1,677,700	1,677,700	1,677,700
		Gratuities	1,50,000	1,50,000	1,50,000
		Other	55,800	55,800	55,800
		Total	2,783,500	2,783,500	2,783,500

Sub: exclusive of
 Prelim chargeable to
 Local Fund
 Total 1,000,000
 1,000,000
 1,000,000

6 Compared with
 the sums passed by
 the Government of
 India in their orders
 on the Current
 year's budget, the
 Imperial allotment
 for 1871-72, viz.
 including the pro-
 vision for State
 Outlay on Railways,
 falls short of that
 sanctioned for 1870-71
 by Rs. 5,05,000, as
 detailed in the sub-
 joined Statement.

8. Under Military
 the grant for 1870-71
 falls short of the current
 year budget amount
 by Rs. 10,000. This
 is owing mainly to
 the extra supply to the
 Madras Cavalry in
 the ensuing year under
 this head, the amount
 being less than the
 allotment for 1870-71
 by order of Rs. 20,000.
 Further reduction of
 Rs. 10,000 in the ap-
 propriations to Major
 Nako has become

* Comprising Civil
 Building, Customs,
 and the Pub. Dept.

Rs. 6,30,800

94
 necessary for the
 necessity of supplement-
 ing the provision for
 "Repairs Military"
 as herein after ex-
 plained. The ap-
 propriations to Major
 Nako under other
 services in the outgoing
 Budget amounting
 the aggregate to Rs. 5,76,500.
 5,58,000. This is less
 than the provision for
 1870-71 by Rs. 54,200,
 which sum it has
 been found necessary
 to divert from the
 head to cover, in
 part, the excess over

(2) Buildings for the
 accommodation
 of an additional 1000
 at Baital
 (3) Look room for recreation
 room & at the
 (4) Hospital ward
 (5) School room for
 adults (Dr. B. at
 do

The appropriations to
 Extraordinary Agr. Works
 aggregate \$15,750.00,
 as follows, being \$255,000.
 less than the
 grant for 1876-71 -

600,000 150 +

Project Name	Amount
Ganyam - Raghukotia Project	50,000
Godavari Western Sella	300,000
" " Eastern	200,000
Krishna Western Sella Wako	190,000
" " Eastern	100,000
Chengabur Western Sella Project	100,000
" " Eastern Sella Project	100,000
Tarapur Western Sella Project	260,000
Madura Western Sella Project	100,000
Unmanned Western Sella Project	175,000

6. Rp. 20,000

for works connected
 with the Telephone
 Department.
 The amount available
 for Major Works under
 other Departments
 is Rs. 5,78,500
 of which Rs.
 10,00,000 is required
 for the Post Office
 building. It is
 not possible
 to appropriate a larger
 sum than Rs. 3,38,500
 to Civil Engineering
 as already stated, the
 allotments under the
 head are confined to

0000000000

12
 to incomplete works
 and amongst these
 to only a few press-
 ingly required works,
 and as no reductions
 can be made in the
 expenditures proposed
 without seriously im-
 peding operations and
 delaying the completion
 of the buildings to the
 detriment of the Public
 Service, His Excellency
 in Council regrets that
 beyond providing the
 balance of the same
 Estimate for the Post
 Office at Vizagapatam,
 it has been found
 impracticable to give

effect to the ^{Government} ~~the~~ ^{was} ~~his~~
of the ^{Government} ~~Post~~ of India.
The ^{Minister} ~~Min~~ ^{Wants} ~~Wants~~
Grant available for
appropriation to "Civil
Buildings" on the 1st
April next will be
only Rs. 50,000, and
as this amount will
be manifestly ^{inadequate} ~~inadequate~~
sufficient to meet the
ordinary requirements
of this Presidency
His Excellency in
Council confidently
hopes that, taking
into consideration
the exceptionally and

13 41
utterly inadequate
small allotments made
to "Wants under Other
Services", the Govt. of
India will specially
provide funds in the
ensuing year for the
construction of such
buildings as may be
required to meet the
wants of the Postal
and Telegraph Depto.
The works which
appear in the econ-
omizing budget without
sanctioned estimates,
Original Supplement-
al, or revised, are
noted below-

Military

- 1 - Bangalore Buildings to accom-
modate an additional Regt
of Infantry
- 2 - Drinking water scheme
for the 1st Tank & Divs
in the 1st division
- 3 - 1st Tank room for recreation
for the 1st Tank
- 4 - 1st Tank barracks mess for
the 1st Tank
- 5 - Attached to 1st Tank already
built in the Race Course
School room for Adults Inf.
- 6 - Presidency Lunatic Asylum Suppl
- 7 - Madras Telegraphic & Drummers Place
Regt. 1st division
- 8 - 1st division in the 1st division
in the 1st division
- 9 - Bangalore Road & Koolia Project
- 10 - Madras West India Project
- 11 - Madras East India Project
- 12 - Madras East India Project
- 13 - Madras East India Project
- 14 - Madras East India Project
- 15 - Madras East India Project
- 16 - Madras East India Project

12. The 1st division for
the 1st division, and with
work is done before
the 1st division of India.
The 1st division of India
is now in the 1st division
of India.

13. The 1st division of India
is now in the 1st division
of India.

14. The 1st division of India
is now in the 1st division
of India.

15. The 1st division of India
is now in the 1st division
of India.

16. The 1st division of India
is now in the 1st division
of India.

To give effect to this arrangement an allotment of Rs. 15000 has been made for the first year in the above list. The estimate of Budget and on the completion of the requisite buildings, medicines will be taken for abandoning care of the smaller Military Stations. No money will however be required till the plans and estimates have received the sanction of the Governor General in Council to whom they will have to be

14. The second time I came to
the place, I found that the
water of the Alcor
tank is not fit for
drinking and other
purposes. Even after
being carefully filtered
and it having been
decided that all water
required for these
uses should be drawn
from the Shobier well,
the Alcor water work
Project will have to be
revised.

greatly modified to meet the
change, and as the detailed
work of distribution intended
to be provided for in that
project will now require to be
included in that for obtaining
funds from the tobacco rolls.
His Excellency in Council
is of opinion that regarding
the delivery to the troops
of water for all purposes
as the object at which it
will be desirable to treat
the two projects as forming but
one, and that the Govt. has accordingly
been directed to take measures
for the early preparation of the necessary
plans & estimates in the most
economical manner, and no
expenditure will be permitted
till the scheme has received
the sanction of the Govt. Council in Council.
15th June 1851
15th June 1851
for the third and sixth
years one more before
the Govt. of India

16th June 1851
The necessity for
the fourth and fifth
years will lately been
called upon the attention
of the Govt. by His
Excellency the Com-
mander in Chief,
and measures have
been taken for ob-
taining the required
plans and estimates.
Which inconveniences
fell from the want
of accommodation
for the surgeons
attached to the
Hospital in the
City of Calcutta

Peace, Course at
Bangalore, Bangalore
regards, the proposed
school for adults
at that station, it
has been represented
that, owing to the
absence of such a
building, they must
have to be assembled
in the verandah of
the Barracks, which
considerable difficulty
is experienced in
inducing them to
attend.

17 With respect
to item 7, I am

to explain that
a distinct estimate
has been sanctioned
for the post, to be
undertaken from
the current year's
grant of Rs. 10000
and that the same
course will be
followed before
outlay is permitted
to be incurred, and
future arrangements
allotments and will be
made of the same and

18. In their orders
 on the current years
 Budget, the Government
 of India observed that
 some limit of expenditure
 should be placed on
 the Office concerned in regard
 to each item of work to be
 undertaken from the grant
 for the construction of roads
 and clearing of jungle in the
 Mysore Country - This
 was referred for the opinion
 of the S. Secy of the Govt
 who reported that
 the surveys and estimates
 for the road to connect Mysore
 with the Vijayapatnam dt. by the
 Pachipantah Grant, on
 which the limit alloted of Rs
 10000 is proposed to be expended,
 cannot be undertaken till the
 hot weather season, the country
 being too feverish to admit of
 any survey party proceeding there
 at this time of the year. Measures
 will however, be adopted for obtaining
 an estimate before any expenditure is
 incurred -

& Item No 8 above

18 59

19. Following the
 contract adopted last
 year, and in pursuance
 of the orders contained
 in the para 14 of the Cir-
 cular of the Post
 and Telegraphs
 of India of the 14th
 October 1869, No 90,
 a special report has
 been furnished in reference
 to the Agricultural
 Works which are
 entered in the Budget
 of 1871-72 without
 sanctioned estimates.

20
 the grant
 for the
 works

Imperial, for the p
ensuing years is Rs
331,500, which is less
than the current years
Estimate of Rs 269,500.

The short provision
under each head is
noted below.

Military	Rs 10,000
Agriculture	156,000
Civil Buildings	20,000
Communications	20,000
Misc. Pub. Works	3,500
Total	209,500

The amount
short provided under
"Military" has been

diverted to the Sub
head "Repairs" to cover
excess explained
in para 26 of the
letter of 10/10/19
22. Of the total re
duction (Rs 43,500)
for "Other Services" Rs
14,200 have been
diverted to the head
"Establishments, Ordinary"
and (Rs 4,999) and
25,300 to "Repairs".
Civil Buildings of
and Communications
are respectively
The necessity for these
transfers is explained
in paras 3 and 7-

Accounts amount to
 Rs. 20,10,718.
 This is less than the original
 Budget Estimate for
 1870-71 by Rs. 11,46,82
 Taking however into
 consideration the reduction
 of two lacs of Rs. in
 1870-71 ordered by the
 Government of India,
 the outgoing Budget
 shows an excess over
 the reduced Estimates
 of the Current year
 of Rs. 85,318, which
 is explained as
 follows -

is less than the original ⁺

Budget Estimate for
1870-71 by Re. 114682
" " " 112982 -

Takings, however, into
consideration the reduction

of two lacs of Rs in
1870. It is ordered by the

Government of India,
the outgoing Budget.

shows an excess over
the reduced Expense

of the Current year

of ~~W. 87.118~~, which
is explained as,

follows -

[Faint, illegible handwritten notes at the bottom of the page]

* Rs. 21,25,400

Difference to be met from savings between the amount by which the Budget estimate of 1870/71 was ordered to be reduced, by the Govt. of India and that of the specific reductions made by this Government _____ 31/7/20

Not excess, as shown below, by the adoption of the new
scale of salaries sanctioned in G.O. No. 2589 of 31 October/70
Excess und. 70.

Excess under "Direction" — Rs 10.44

Deduct saving under Construction	14,263
Additional	9,124

Additional House Rent for the Chief Eng. for Irrigation	9.124	514.
Addition on account of all		360

Addition on account of official Postage Rs 45,000 - 41,920 = — 308

200 of Pay Proper of seconded officers and Presidency
 House Rent to Engineer E. 1111

Slight excess in salary of Mechanical Engineer — 78
Addition on account of — 86

<i>Additional in salary of Mechanical Engineer</i> _____ <i>Addition on account of 50% increase to Virginia officers</i> <i>calculated at the present rate of charge</i> _____ <i>Do</i> _____ <i>Do</i> _____	<i>78</i> <i>84</i> <i>920</i>
---	---

Additional charge on account of Surveying Master	9.20
to Civil Engineering College	1.68
Additional	12.00

Engineering College ————— 1200

Additions on account of sanctioned Conservancy Estab-
lishments and amount disallowed in current years etc.
made in order to make up round numbers ————— 3986

Increase

Increase on account of Travelling allowance under Construction - 45,100
 Deduct
 Leaving his 92,768

Having big reduction in the number of staff Engineers of the 3 rd grade from 7 to 4 ($Rs\ 400 - 1000 = 400 \times 12 =$) — 4800 do - on the grant for contingencies of the Civil Engineering bldg. 950 do do for Local Fund Petty Establishment & Contingencies. 1700	Deduct 92768 7450
---	-------------------------

Net Increase Rs 85,31

1000

Road Fund Rs 199000
 Canal do " 1220
 Post do — " 9990
 Educl do — " 1670
211880

were passed for 18/70
 in the orders of the
 Government of India
 dated 2 March/70 - no
 120 A 2.

32. In former

Budget, the charges
for Official postage
were entered in a lump
sum under "Construction."

In the present Estimate,
the amount will be
found distributed

under "Direction and
Accounts," to tally

with the advice which
the Controller receives
from time to time

from the Controller

General of Accounts,
who, it is stated,

25 75

furnishes periodical
statements in which
the Postmaster, of
classifying the charges
under the following
heads:
Secretary
Chief Engineer
Controller

The provision
for official postage in
the Budget of 1871-72, charge
was \$15,000, is the
estimated charge
under that head for
the Current Official
year -
of 1871-72 -
of 1872-73 -
of 1873-74 -

34 In the prepara-
tion of the Budget
of Establishments,
the consolidated
rates of salary have
been adopted, the pro-
vision for additional
allowances for Super-
Engineers and for Ex-
ecutive and Assistant
Engineers, being the
difference between the
total of the consolidated
rates and the salaries
which will be passed on
to the Officers who are
likely to hold the various
appointments in the
next Official year -

March	18.335
April	17.920
May	17.651
June	16.834
July	15.777
Aug.	16.531
Sept.	17.642
Total for 7	
months -	120.690
Average per	
month -	17.241.

26 75
35. In explanation
of the excess of Rs.
45,000 on account of
Travelling allowances
under construction, I
am to annex in the
margin a memo. of
the audits during the
first seven months
of the Current year,
from which the Govt.
of India will note
that the average charge
on account of Tra-
velling allowance
under construction is
Rs. 17.240 per month.
This will give a total
of Rs. 120,680 per

3. Annular, or R...
 4,500 in round
 numbers in excess
 of the reduced grant
 (Rs 1,11,882) for 1870-71.

36. His Excellency
 in ~~oil~~ does not doubt
 that the Travelling
 allowances Bills
 of the ~~Office~~ of the ~~members~~
 Public Works Departments
 are carefully scrutinized
 in the Office of the
 Controller, and in order
 to show that the charges
 on account of Travelling
 allowances as provided
 for in the accompanying
 Budget are in

22.21	Travelling
21.71	Travelling
13.01	Travelling
12.101	Travelling
117.21	Travelling
122.01	Travelling
110.71	Travelling
110.01	Travelling
122.71	Travelling

no way excessive or
 unusual, I am to
 explain that the
 Bill for Travelling
 allowance under "con-
 struction" actually
 passed in 1868/69
 and 1869/70 amount
 in the aggregate to
 Rs 20,655 and
 2,12,709, respectively.
 Seeing that the Budget
 Estimate for 1871-72
 is prepared strictly
 with reference to what
 are likely to be the
 actuals of that year
 under the various
 heads, the Govt
 it absolutely

... necessary to make
specific provision for
the excess charge of
Rs. 45,000
37 consequent
upon the orders passed
by the Government
of India in the Budget
for the current financial
year a large reduction
was made by the
Government in the
sanctioned executives
and Office Establish-
ments of the Public
Works Departments
of this Presidency.

Numerically considered,
His Excellency in
Council is convinced
that further reduction
is impracticable, and
as the salaries of the
various grades of the
Engineer and Sub
ordinate Establish-
ments are those
obtaining throughout
India, while the
salaries of members
of Office Establishments
are lower, the Govt.
feel unable to effect
any saving in Part
IV of the Budget as
now

now submitted.

38. The Estimate
for Tools and Plant
amounts in the aggregate
to Rs. as follows.

Ordinary	1,30,000
Extraordinary	20,000
Local. { District Road	
{ Port	
{ Educational	

Total

39. The distribution
of this allotment is
noted below.

29 81 83
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41. The Imperial
grant for Tools and
Plant, and its dis-
tribution between Or-
dinary and Extraordinary
will be the same as in
the Current year.
With respect to the
allotment chargeable to the

the latter source, I
am to state that orders
have been issued by
this Government, pro-
hibiting outlay being
incurred until the
Estimates have received
the sanction of the
Government of India.

4th. His Excellency
in Council has not
yet had placed before
him a statement of the
probable cost of the
printing charges to be
incurred in the ensuing
Official

37 83
Official year, but I
am to state that, in
pursuance of the
orders of the Govt.
of India quoted in
the margin, there will
be provided for from
the budget grant for
Tools and Plant -

42. In conformity
to the orders of the
Government of India
conveyed in para 8
of their Circular of the
19th October last, a
Statement is added
to the Budget Estimates
as Appendix D, to
show, in the form of
appendix

A of the Annual
Appropriation Account,
the amount proposed
to be charged to each
work in system of
works, on account of
Establishments and
Tools and Plant
respectively. This statement,
I am to observe must
be regarded only as a
very rough estimate,
since, in the case of
Tools and Plant, this
part have not yet
been furnished by
the Sups Engrs concerned
with

3/ 85
with details of the
requirements of each
Extraordinary work
for 1871-72, while in
that of Establishments,
it is impossible now
to calculate the
charges that will appear
under that head
against such works
as have not yet been
commenced, and for
the supervision of which
if undertaken in 1871-72,
separate and special
Establishment will
have to be organized.
Should it be found
as the year passes
on that the estimate

for Establishments
is higher than what
are likely to be the
actual & timely incomes
will be ~~left~~ ^{left} by
the Government
for providing the
difference by transfers
in accordance with
the rules promulgated in
the summary ap-
pended to para 14
of the Circular of the
Govt of India of
the 19th October 1870.
As respects Tools &
Plant, it is not

possible for the Govt
to grant to
be debited with a
larger share of the
charges under this
head than is allowed
by the rule, since the
rules prescribe that,
except in the case of

Date	Particulars	Rs.	Tools and Plant for purCHASED ~~directly~~ ^{indirectly} for
1870-71	...	...	...
1871-72	...	...	...
1872-73	...	...	...
1873-74	...	...	...
1874-75	...	...	...

Tools and Plant for
purCHASED ~~directly~~ ^{indirectly} for
taken from ^{the} ~~B. Capital~~ ^{B. Capital} the cost
of which is at once
debited to the Extraordinary
grant, all other charges
shall fall upon the
Ordinary P.W. assignment
of

of the year 1901
 43. Part VI of
 the Budget of State outlay
 on Guaranteed Companies,
 amounts to Rs. 3,27,500
 the distribution of which
 is shown in the following
 statement:

Guaranteed Companies	For Land	For Establishment	Total
Railway Companies	1,91,500	80,400	2,72,000
Madras & C. Co.	20,000	35,800	55,800
Total	2,11,500	1,16,200	3,27,500

44. Subjoined is an
 abstract of the Budget
 of Local Funds, so
 far as it relates to
 expenditure by Officers
 of the Public Works
 Department -

Funds	New Works	Repairs	Estab. buildings	Tools and Plant	Total
District - Madras	1,22,580	7,13,290	3,17,530	22,900	23,30,500
East Coast Canal	12,200	5,720	3,720		15,920
Educational	11,000	5,200	1,670		18,870
Post	92,430	7,420	9,990	10,000	1,10,840
Total	1,39,210	26,070	3,33,010	23,900	24,75,630

47 The Budget
of expenditure from
Guaranteed Capital
amount in the aggregate
to Rs. as follows-

Railway Madras S. R. Line & Bangalore Branch
S. R. Line
G. S. of India
Madras S. R. Co.

Debit.
Railway Madras S. R. Line & Bangalore Branch
estimated receipts from sale of shares to be
credited to Capital
S. R. Line - Rs. - - - -
G. S. of India - do - - - -

150

Recd 21/12/1869
copies of Budget, one indent
& two plans.

[Signature]

N^o 3046.

The Secretary to the Govt.
of India P. W. S.

Sir

I am directed with
reference to the Circular
No 90 dated 14 October 1869
and to the entries in
the Budget of 1871/72
under Agricultural
Extraordinary, against
which no sanction of the
Government of India is
quoted, to afford the following
explanations, which His
Excellency the Governor
in Council trusts will
be deemed sufficient.

[Signature]

Item No. *Rooshkoolia project, Appropriations or allotments Rs 50,000*

The Proceedings No. 2553 of the 27th October 1870, of this Government reviewing the progress of the investigations connected with this project were transmitted to the Govt. of India with letter No. 2554 of the same date. It is expected that the estimates will be ready for transmission to the Govt. of India for sanction before the end of the current official year.

Item No. *Extension of irrigation in the western section of the Godavary Delta, Rs 2,50,000*

Estimates amounting to Rs 12,90,640 have been submitted by the Chief Engineer for Irrigation to Government, and they will be forwarded for the consideration of the Government of India immediately. Various works provided for in these estimates have been allowed by the Govt. of India to be gone on with, in anticipation of the sanction of the complete estimates. The returns from the proposed expenditure will be highly favourable.

Item No. *Extension of Irrigation in the eastern section of the Godavary Delta, Rs 2,00,000*

The estimate Rs 9,45,000 for the improvement and completion of the greater part of this section of the Delta were transmitted for the sanction of the Govt. of India with letter No. 2555 dated 28th September 1870.

Item No. *Extension of Commamoor Channel, Rs 50,000*

An estimate for this work was sanctioned in G.O. No. 1881 dated 24 June 1867 and Rs 1,75,716 have been expended. It has been considered necessary to revise the arrangements and the necessary estimates will be got ready as soon as possible. No further work will be undertaken until the revised estimates shall have been duly sanctioned.

Sanctioned by the Govt. of India in letter No. 1534 of 31st Sept 1868

Item No. *Madras water supply project, Rs 1,00,000*

The revised estimate amounting to Rs 10,72,640 will be submitted to the Govt. of India, as soon as the question of the apportionment of the lands under the Red Hills and Cholavaram Tanks shall have been settled in the Revenue Department. I am to refer you, in connection with this project, to the letter of 28th June 1870. The appropriation or allotment of the estimate.

It is to state that the revised estimate will be submitted as early as possible to the Govt. of India by the 1st of November 1870.

No. 1547 of 28 June 1870

Item No. Widening the head of the
Maulipatam Canal. Rs 25,000

The revised estimate amounting
to Rs 113,530 for this work ~~was~~ submitted
to the Govt of India for sanction ~~with~~

letter No. ~~dated~~ as soon as certain information which
has been called for regarding the probable total expenditure on the Eastern
Pechin of the ~~Eastern~~ ~~area~~, the anticipated results therefrom has been received.
Item No. Canvey and Tennant head works. Rs 1,50,000

The estimate Rs 520,260 for
these works of regulation was submitted
to the Govt of India with letter No. 3117 dated
3rd September 1870.

Item No. The Peryar Project. Rs 1,00,000

It is expected that the estimates
for the complete project will be ready for
submission to the Govt of India before the
close of the current official year. The field
work has been completed, and the designs
are now being prepared and the estimates
framed. A copy of the last Proceedings
of the Madras Govt upon this project is
enclosed for the information of His Excellency
the Governor General in Council.

3. The only other work
requiring notice is Item
No. the Chembrum.

Chembrum Tank project.
For this Rs 72,300 have
been allotted under
ordinary, as the work
is one which cannot
be left in its present
incomplete state, but
I am to mention that
the estimates for comple-
ting the Tank of the
full size originally
contemplated, but
with revised arrangements
for its supply, as also
for forming this reservoir
on a reduced scale, have
been prepared, and are
now under consideration.

99/1
No time will be lost in
selecting the scheme which
may be found to present
the greatest advantages
and in submitting
the estimates for the sanc-
tion of the Government
of India.

Wb

150
5
Recd 21/12/70 with
a copy of Co: regarding the
Perrys Project -

James C. Smith
1844

James C. Smith
1844

James C. Smith
1844

Oct. of 1870 Madras.

PUBLIC WORKS.

Secretary to the Govt of
India

at

L.

E.S.

G. O. 15th Dec 1870, No. 3045-3046

Nos. 325 & 326

Mr. Alfred H. H. H.

Explanations with ref.

to certain entries in

Budget of 1871/72 under
General, Extraordinary

in which no sanction

Govt of India is quoted.