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MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 813 Press ~~Mis.~~

344-45

Dated 18. 3 1870.

Not to be folded or roughly handled

No. 344. Read the following letter from the Deputy-Secretary to the Government of India, Public Works Department, (Account—General,) to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 2nd March 1870, No. 120-A.-G. :—

I AM directed to acknowledge the receipt of your letter, No. 3,917, dated 15th December 1869, and in reply to forward herewith, for information and guidance, the orders passed on the Madras Public Works Budget-Estimate for 1870-71

MADRAS BUDGET ORDERS, 1870-71.

THE Madras Budget-Estimate for 1870-71 has been prepared under the head Ordinary for the original grant of Rupees 60 lacs assigned in Public Works Department Circular No. 96 of 1869. This was reduced in Public Works Department Circular No. 104 of 1869 to Rupees 55¼ lacs, and in order to make up the difference, the Government of Madras have since suggested the following reductions in the estimate :—

	RS.
Under head "Original Works", "Miscellaneous Public Improvement," Rupees 80,000 appropriated for the restoration of the Madras Pier	75,000
Reduction from 14 to 10 lacs in Repairs—Agricultural ...	4,00,000
Total ...	4,75,000

2. The Ordinary Estimate for 1870-71 will thus stand as follows, as compared with the grant of 1869-70 :—

		1870-71.	1869-70.	DIFFERENCE.	
				Increase.	Decrease.
		RS.	RS.	RS.	RS.
Works and Repairs—					
Military		6,00,000	10,00,000	... ...	4,00,000
Agricultural		14,50,000	20,00,000	.....	5,50,000
Other Services		18,35,810	35,80,720	.....	17,44,910
Total ...		38,85,810	65,80,720	.....	26,94,910
Tools and Plant ...		1,30,000	55,000	75,000	.....
Establishment...	Establishment, General ...	13,76,360	13,74,990	1,370	.....
	Conservancy	90,610	87,470	3,140	.....
	Civil Engineering College...	42,220	41,820	400	.....
Grand Total ...		55,25,000	81,40,000	.....	26,15,000

3. Thus, although there has been a total reduction of Rupees 26¼ lacs, the charge for Establishment is actually higher than in the current year, and absorbs one-fourth of the total allotment. The Government of India cannot consider this to be a satisfactory arrangement, it being in effect that precisely as much establishment is to be employed as during 1869-70 to do just half as much work.

4. It may be admitted that establishment and work cannot always be maintained in a constant proportion, and that the former may often be of necessity com-

paratively expensive when the progress of work is diminished, especially if the decrease is made suddenly, but it has to be observed that in every other Province a vigorous effort has been made to bring down the establishment charges into some sort of reasonable harmony with the reduced scale of work, the persons thus set free having been absorbed on the irrigation and other extraordinary works, and the Government of India think it quite essential that something of the same kind should be carried out in Madras. In other parts of India the charge on this head does not even now exceed 20 per cent. on the total grant. The exact reduction to be made in Madras cannot be told till the promised report on the re-organization of establishments in that Presidency is received, but the Government of India think that in the meantime a reduction of at least 2 lacs should be made, and it is now ordered accordingly.

5. The sum thus reduced is here added to the provision for Repairs, Agricultural, because the Government of Madras have heretofore strongly represented that the sum provided for this purpose was not sufficient to protect the important interests at stake, so that it appears undesirable to allow the reduction of $4\frac{3}{4}$ lac in the total grant to fall chiefly on the allotment for this head of service. But it will, of course, be open to that Government to propose a different arrangement.

ORIGINAL WORKS.

Military.

6. *Item* 11. *Ulsoor Water Project, Bangalore. Computed expenditure to* 31*st March* 1870, *Rupees* 1,78,465. *Grant for* 1870-71, *Rupees* 30,000.—Passed on the understanding that the revised estimate for this work is furnished to the Government of India without any unnecessary delay.

7. *Item* 15. *Snider Ammunition Factory, Madras. Amount of estimate, Rupees* 71,500. *Grant for* 1870-71, *Rupees* 35,000.—As the factories at Kirkee and Dum-Dum are now in full progress of construction, the construction of this work may be postponed for the present, and the grant applied to the completion of others already in progress.

8. *Item* 16. *Lawrence Asylum Buildings, Ootacamund. Computed outlay to* 31*st March* 1870, *Rupees* 8,08,435. *Grant for* 1870-71, *Rupees* 70,200.—May stand, subject to the condition specified by the Government of Madras, that no outlay is incurred from that allotment until the revised estimate for the work has been sanctioned by the Government of India.

Civil Buildings.

9. It is suggested that under the present reduced state of the grants, it will be desirable not to commence the under-mentioned new buildings at present, and to apply the appropriations made for them to accelerate the progress of others already commenced :—

		Rs.
Item No. 23.—Store-shed at Public Works Store Yard, Madras	... ...	15,000
,, ,, 32.—Sub-Magistrate's Cutcherry and Subsidiary Jail Maliahs	...	6[illegible]000
Items Nos. 34 to 38.— Ditto ditto, Vizagapatam District	... ...	17,7[illegible]80
		38,78[illegible]

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10. *Item* 25. *Preservation of Teroomalay Naick's Palace, Madura, Rupees* 10,000.—Under the explanation furnished by the Government of Madras the grant is passed, but the work should be carried out on a regularly sanctioned estimate.

11. *Items as per margin, Police Stations, Rupees* 53,000.—Remarks are made in the Budget-Estimate to the effect that these works are in progress on estimates, which it is understood have been sanctioned by the Government of Madras. The total estimated expenditure on the works is not shown, but it is understood to amount to Rupees 19 lacs.

			Rs.
33.	Police Stations,	Ganjam	3,900
40.	,, ,,	Vizagapatam	6,000
44-7.	,, ,,	Kistna, Nellore, Cuddapah, and Kurnool	8,600
42.	,, ,,	Godavery	2,500
50.	,, ,,	Bellary	8,000
52.	,, ,,	Madras	1,200
54.	,, ,,	North Arcot	2,500
55.	,, ,,	South Arcot	2,000
58.	,, ,,	Salem	2,000
60.	,, ,,	Tanjore	1,200
62.	,, ,,	Trichinopoly	1,700
63.	,, ,,	Coimbatore	2,800
67.	,, ,,	Malabar	2,500
68.	,, ,,	South Canara	1,000
71 to 73.	,, ,,	Wynaad, Madura, and Tinnevelly ...	7,100
			53,000

12. *Items as per margin. Court-houses and Subsidiary Jails.*—It has to be noticed that the general scheme for carrying out these buildings was disapproved by the Government of India, *vide* Public Works Department Resolution, Nos. 736—8 A., dated 31st August 1869. It is requested that no new works of this nature may be commenced until the questions raised in that Resolution have been disposed of.

			Rs.
31.	Additions and alterations to Zillah Jail, Berhampore	...	3,120
39.	Subsidiary Jail at Chodavaram	...	2,880
43.	Improvements to Jail at Guntoor	...	2,080
48.	Court-house, Bellary	...	20,000
49.	Improvements to Jail at Bellary	...	10,000
56.	Talook Cutcherry, Ahtoor	...	2,220
57.	Tahsildar's Cutcherry and Subsidiary Jail at Vaniembady		3,200
59.	Court-house, Tanjore	...	13,000
64.	Talook Cutcherry and Subsidiary Jail, Tellicherry	...	2,400
65.	,, ,, ,, Munjerry	...	5,000
69.	Sub-Magistrate's house, Vythery	...	2,500
70.	,, ,, Goodaloor	...	10,500
			76,900

13. *Items* 53 *and* 61. *Central Jails at Vellore and Trichinopoly. Grants for* 1870-71, *Rupees* 40,000 *and* 17,680, *respectively.*—The revised estimates for these works have not yet been sanctioned by the Government of India, pending reply to references made to the Government of Madras on the subject.

Communications.

14. *Item* 109. *Constructing roads and clearing jungle in the Jeypoor country. Computed outlay to end of* 1869-70, *Rs.* 45,000. *Grant for* 1870-71, *Rs.* 10,000.—A formal estimate is no doubt impracticable here, but some distinct limit of expenditure should be placed on the officer concerned in regard to each item of work to be undertaken by him.

15. *Items* 205, 206, *and* 207. *Roads in Wynaad. Computed expenditure to* 31*st March* 1870, *Rs.* 7,84,784. *Grant for* 1870-71, *Rs.* 60,000.—The proceedings of the Madras Government for October 1869, show that orders have been

given for the preparation of complete estimates for the various lines into which the group of roads has been divided. It is hoped that these will shortly be supplied.

MISCELLANEOUS PUBLIC IMPROVEMENT.

16. The grant under this head is reduced to Rupees 23,800 to make the allotment an even sum.

AGRICULTURAL, EXTRAORDINARY.

17. The following works have still to be sanctioned as chargeable to loan:—

	Rs.
Item 75.—Rooshkoolia Project	50,000
Items 77 to 81.—Works in Godavery Delta ...	2,25,000
Item 90.—Improvements to Irrigation channels, Northern Delta	2,60,000
Item 93.—Chembrumbaukum Tank Project ...	2,00,000
Item 103.—Peryaur Project	50,000
	7,85,000

18. The estimates for Items 75 and 103 will require the sanction of the Secretary of State before they are commenced upon.

19. The estimates for Items 77 to 81 and 90 are understood to have been under consideration for some time. No expenditure can be authorized on them for the coming year until they are properly sanctioned.

20. The Government of India have not been satisfied that Item 93, Chembrumbaukam Tank Project, ought to be classed as Extraordinary. The Government of Madras should be asked to permit no more delay in sending up the revised estimate, and to state what reasons there may be for inferring that the work will prove remunerative. Meanwhile, no outlay on the work from Loan Funds can be allowed to take place in the coming year.

21. *Item* 92. *Madras Water-supply Project, Amount of sanctioned estimate Rupees* 6,11,759. *Computed outlay to end of* 1869-70, *Rupees* 8,25,939.—*Grant for* 1870-71, *Rupees* 2,00,000.—The supplementary estimate for this work, called for in Public Works Department letter, No. 249 A.—I., dated 20th December 1869, is awaited. Revised estimates for the items noted in the margin should also be asked for at once.

83 to 86—Works in the Kistna Delta.

REPAIRS.

22. It is anticipated that the reduction in the grant for Agricultural, Repairs, from 14 to 10 lacs, may prove injurious to irrigation-works generally. In framing estimates for repair-allotments, and comparing them with those of past years, it has to be considered that a large sum is required for the maintenance of the numerous canals that have recently been opened out in the Deltas along the East Coast. The silt thrown into these canals must be cleared out if the supply of water is to be maintained, and as labour is very scarce, any neglect at the present time cannot be made up for by larger grants in future. In this view, the provision for 1870-71 is increased to Rupees 12 lacs, by transfer of Rupees 2 lacs from the allotment for establishment.

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23. As regards the balance of the four lacs reduced from the estimate, it is taken for granted that in selecting the agricultural works as the class which could easiest bear a reduction, the Government of Madras is quite satisfied that the important interests affected by those works will not suffer, or otherwise, that it is intended to relieve Imperial revenues by requiring the cultivators to do more for themselves, either directly or by means of an additional cess, towards the maintenance of the numerous petty tanks and other irrigation-works scattered over the Presidency.

24. Under the head Communications a provision of Rupees 11,019 has been made for repairs to Travellers' bungalows. Sanction was accorded in Public Works Department letter, No. 502 A., dated 2nd June 1865, to these buildings being kept in repair from Imperial Funds until they become self-supporting. In no other Province of India is this allowed, and with reference to the correspondence with the Government of Madras, terminating with Public Works Department letter, No. 401 A., dated 1st June 1868, the time appears to have arrived to discontinue grants from Imperial Funds, and the Government of Madras should be requested to arrange accordingly with effect from 1871-72.

25. The provision of Rupees 3,960 from Imperial Funds for repairs of station roads at Ootacamund, Coonoor, and Kotagherry, should apparently be paid for by local rates, as is done in all other hill-stations. The opinion of the Government of Madras is invited on this point.

ESTABLISHMENT.

26. The estimate amounts to Rupees 21,25,400, apportioned as follows:—

	Rs.
Imperial, Ordinary	15,09,190
,, Extraordinary	3,00,000
Local Funds	3,16,210
	21,25,400

The debit to Extraordinary appears reasonable, but the actual charge will, of course, have to be determined according to the rules laid down on the subject. The Ordinary Grant, as already remarked, is reduced to Rupees 13,09,200. Immediate action will be needed to give effect to the reduction. In this view, among other measures which it is left to the Government of Madras to determine upon, it is requested that no promotions should be made until the supernumerary officers borne on the strength of the establishment are absorbed. The charge on the Public Works estimate for a Barrack Master should, if possible, be discontinued, and it should be seen whether the services of the two Mechanical Engineers, the nature of whose employment is not known to the Government of India, might not be dispensed with. Reduction can perhaps be made in the charges for petty and permanent and temporary office establishments under all heads, as also in the charge for contingencies of the Civil Engineering College which appears high. The Draughtsmen, who appear to be allowed for every Range, can hardly be necessary in all cases.

SUMMARY.

27. The following is an abstract of the Madras Budget-Estimate for 1870-71 as modified by the foregoing orders :—

	Original Works.			Repairs.	Establishment	Tools and Plant.	State outlay on Guaranteed Railways and Irrigation Works.	Total.
	Major.	Minor.	Total.					
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
ORDINARY.								
Military	3,40,000	60,000	4,00,000	2,00,000	...	...	...	6,00,000
Agricultural.								
Works and Repairs.	65,200	3,31,000	3,96,200	12,00,000	...	...	...	15,96,200
State outlay on Guaranteed Irrigation Works ...	...	...	...	...	...	..	53,800	53,800
	65,200	3,31,000	3,96,200	12,00,000	...	...	53,800	16,50,000
Other Services.								
Civil Buildings ...	4,17,000	70,000	4,87,000	1,10,000	...	...	...	5,97,000
Communications ...	2,00,000	70,000	2,70,000	9,30,000	...	...	...	12,00,000
Miscellaneous Public Improvement ...	13,800	10,000	23,800	15,000	...	...	...	38,800
Establishment ...	...	...	...	...	13,09,200	...	...	13,09,200
Tools and Plant ...	...	...	...	...	...	1,30,000	...	1,30,000
	6,30,800	1,50,000	7,80,800	10,55,000	13,09,200	1,30,000	...	32,75,000
	10,36,000	5,41,000	15,77,000	24,55,000	13,09,200	1,30,000	53,800	55,25,000
State outlay on Guaranteed Railways...	...	...	...	...	...	...	2,05,000	2,05,000
TOTAL ORDINARY...	10,36,000	5,41,000	15,77,000	24,55,000	13,09,200	1,30,000	2,58,800	57,30,000
EXTRAORDINARY.								
Irrigation Works ...	18,80,000	...	18,80,000	...	3,00,000	20,000	...	22,00,000
	29,16,000	5,41,000	34,57,000	24,55,000	16,09,200	1,50,000	2,58,800	79,30,000

ADD GRANT FROM LOCAL FUNDS TO BE DISBURSED BY OFFICERS OF THE PUBLIC WORKS DEPARTMENT—	Rs.	
Original Works	12,36,020	
Repairs	6,97,780	
Establishment	3,16,210	
Tools and Plant	18,860	
		22,68,870
		1,01,98,870

28. It is observed that no estimates have been sanctioned for many of the works to be defrayed from Local Funds. It appears just as objectionable to allow this in the case of Local Funds as in the case of Imperial Funds, and it is hoped that the Government of Madras will take steps for stopping the practice.

PUBLIC WORKS REVENUE.

29. The estimate amounts to Rupees 1,80,000 including Rupees 30,000 payment for stores supplied to the workshops but as under orders about to issue the value of stores supplied from England for the several Government workshops will be adjusted by means of a remittance account and not by a credit to Public Works Revenue, the estimate will be reduced to Rupees 1,50,000.

FORT WILLIAM, (Signed) R. STRACHEY, Colonel, R. E.,
23rd February 1870. *Offg. Secy. to the Govt. of India.*

No. 345. ORDER THEREON, 18th March 1870, No. 813.

ACCOUNT, No. 37.

THE foregoing orders of the Government of India on the Public Works Budget of this Presidency for the ensuing Official year will be communicated to the officers and departments concerned for information and guidance.

2. Paragraphs 3, 4, and 26.—The Government of India having ordered an absolute reduction of two lacs of rupees in the cost of the Public Works establishments and directed immediate measures to be taken for giving effect to that reduction, it becomes the duty of this Government to determine by what means the charges in the ensuing Official year on account of Establishments can be brought within the Imperial Budget provision of Rupees 16,09,200. On examining the Nominal Roll of the Engineer Department, His Excellency in Council observes that the Supernumerary Officers now on the establishment whose services can most readily, and with the least in convenience to themselves, be transferred to the Irrigation Department under the Government of India are those noted in the margin. These officers were specially deputed, under the orders* of the Right Honourable the Governor-General in Council, for employment in Madras; but as, in consequence of the reduction now made, it will be impossible to retain them in this Presidency without entailing expense which it will be impracticable to defray from the diminished grant under Part IV. of the Budget, their services will be re-placed at the disposal of the Government of India. The permanent occupation of the appointment of Under-Secretary to Government in this department will continue in abeyance, and the grant of Rupees 100 per mensem for contingencies in the Government office will be reduced to one half of that amount. An additional Superintending Engineer has recently been absorbed permanently into the second class, and five of the Probationary Assistant Engineers have been brought on the permanent strength of the department as Assistant Engineers of the second grade. Consequent on the change which is shortly

Executive Engineers, 3rd Grade.
Mr. Simon.
,, Andrews.
,, McAlpine.
Assistant Engineers, 1st Grade.
Mr. J. R. Bell.
,, Fox.
Assistant Engineers, 2nd Grade.
Mr. Barnado.
,, Target.

* From Government of India, No. 589-E, dated 9th April 1868.
From do. do. $\frac{660\text{-E}}{1,950\text{-M}}$, dated 23rd Nov. 1868.
Do. do. do. $\frac{698\text{-E}}{2,030\text{-M}}$, dated 7th Dec. ,,

expected in the office of Barrack Master, Fort St. George, this department will, under the orders marginally noted, be relieved of the allowance heretofore drawn by Colonel Worster. The provision of Rupees 720 per annum made in the Budget on account of house-rent for the Consulting Architect will not be required, as, in consequence of Mr. Chisholm drawing a consolidated salary, he is not entitled to this special allowance. The Superintending Engineer of the 7th Division will take immediate measures for dispensing with the services of the Mechanical Engineer engaged in connection with the Lawrence Asylum Works, who, it is understood, is in receipt of, or entitled to, a pension for service in the late Bombay Marine, and the Executive Engineers at St. Thomas' Mount and Bangalore will at once reduce the cost of the establishments employed under their orders by discontinuing the services of the special establishments marginally noted. The cost of the Imperial Petty Establishments is at present nearly one lac of rupees per annum. The grant for "general services" having been so greatly curtailed, these establishments should be immediately reduced by one-half, and the Controller will understand that he has no option but to give effect to the orders now issued, commencing with salaries for the ensuing month. The special allowances drawn by the Wynaad establishment will shortly be reduced by the change which has been ordered in the charge of the South-Eastern Range, and Major Kennedy has reported that the appointments as per margin (now vacant) will not be required. Of the thirteen special establishments (at Rupees 103 per mensem) sanctioned for this Presidency, one is attached to No. 6 Range of the Madras District, and part (Rupees 83½) of a second to No. 5 Range of that district. The third and fourth establishments, which are employed under the Executive Engineers at St. Thomas' Mount and Bangalore have been disposed of above, and the remaining nine, which are unfilled will be surrendered. In the opinion of His Excellency in Council there is for the present no necessity for continuing the division of the Presidency into two distinct charges. The Northern and Southern Ranges will accordingly form one Executive charge in future under the officer now in charge of the Northern Range, who will take measures for dispensing with the office establishment attached to the Southern Range from the 1st proximo. In order, however, to strengthen the executive staff at the Presidency, the Government direct that Supervisor P. Annathoray Putten* be re-transferred to Madras from the Tanjore District, where he is now employed. The cost of the office attached to the Northern Range of the Presidency is Rupees 442 per mensem, and the establishment

No. 2,373, dated 19th Aug. 1864, paragraph 3.

Saint Thomas' Mount.	Rs.
One Surveyor and Draughtsman	75
Four Lascars	28
Total ...	103

Bangalore.	Rs.
One Accountant	35
One Draughtsman	40
Four Lascars	28
Total ...	103

North Wynaad Range.
One Draughtsman.
South-Eastern Range.
One Draughtsman.

* To join.

(which consists of ten members exclusive of office servants) being more than double the strength† of a first-class range in the Provinces, will, in the opinion of Government, be found amply sufficient for the work to be performed under the re-arrangement of charges now ordered.

† Four members, who, inclusive of office servants, draw Rupees 171 per mensem.

3. These changes and reductions, added to the saving recently effected in the cost of the Government Office Establishment, and the excess provision in the Budget on account of the Military allowances of Superintending Engineers, result in an immediate saving of Rupees 1,66,030 per annum, as shown below :—

	Rs.
Salary of Under-Secretary, as per Budget	8,328
House-rent for do. as per do.	720
Reduction in the allowance for contingencies for the Government Office	600
Do. in the establishment of do.	900
Saving by the absorption of an additional Superintending Engineer into the 2nd Class...	1,200
Excess provision in the Budget on account of the Military allowances of Superintending Engineers— Budget Rupees 59,000, probable outlay Rupees 51,000, difference	8,000
Salaries of three Supernumerary Covenanted Executive Engineers, 3rd Grade. Salaries of two Supernumerary Covenanted Assistant Engineers, 1st Grade. Salaries of two Supernumerary Covenantad Assistant Engineers, 2nd Grade. — To be replaced at disposal of Government of India...	38,400
Saving by the absorption of five Probationary Assistant Engineers into the permanent strength of the department	12,000
Travelling allowance of do. do. as probationers and of the seven Supernumerary Officers above referred to, calculated at the actuals of six months (Rupees 8,072)	16,144
Barrack Master's allowance	2,220
House-rent provided for the Consulting Architect ...	720
Salary of one Mechanical Engineer, to be dispensed with.	6,564
Reductions in Imperial Petty Establishment	50,000
Saving on special allowances to officers in the Wynaad.	2,000
Salaries of two Draughtsmen in do. not required, including special allowances	1,200
Special establishments to be dispensed with, per annum.	16,068

Deduct.

One Special Establishment employed in No. 6 Range, Madras District, 103 × 12 = ...	1,236		
Part of one special do. do. do. in No. 5 Range, Madras District, 83½ × 12 = ...	1,002		
		2,238	
			13,830
Salaries of the Members of the Office Establishment attached to the Southern Range			3,204
			1,66,030

4. There is still a sum of nearly 34,000 rupees to be provided, but seeing that the Budget contains full provision for all items of charge which are expected to be incurred in the ensuing year, there will doubtless be large savings at its close to make up this amount. This will be explained to the Government of India, who will be requested not to press for further *specific* reductions. The Superintending Engineers will meanwhile report without delay what savings can, under the present emergency, be effected in the permanent Office Establishments attached to their Divisions, and they will refrain from making new appointments or promotions to vacancies which may be left unfilled without positive detriment to the interests of the public service.

5. The charges for *Temporary* Establishments have, of late years, been greatly on the increase, and His Excellency in Council having had under his consideration a Return of those establishments, resolves to direct that all such* as are not included in the statement which accompanies this Order be at once dispensed with. The charges for temporary establishments should, on no account, exceed the Budget provision of Rupees 50,000, and the Controller will see that the orders communicated to him above with respect to Imperial Petty Establishments are strictly applied to all temporary establishments.

* Survey, Office, etc.

6. Paragraph 5.—The sum made available next year for Agricultural Repairs is Rupees 12 lacs, which His Excellency the Governor in Council resolves to appropriate as follows :—

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Divisions.	Districts.	Budget Grant for 1869-70.	Applied for by Superintending Engineers for 1870-71.	Grant for 1870-71.	Percentage of repair allotment on Revenue.
		Rs.	Rs.	Rs.	
1st	Ganjam	16,000	21,000	22,500	4·5
	Vizagapatam ...	20,000	20,000	8,500	6·8
	Godavery	2,00,000	1,50,000	1,46,000	6·9
		2,36,000	1,91,000	1,77,000	6·2
2nd ...	Kistna	1,00,000	.....	70,000	7·6
	Nellore	55,000	.....	54,000	6·8
		1,55,000	.....	1,24,000	7·2
3rd ...	Cuddapah	45,000	50,000	72,500	6·8
	Kurnool	30,000	30,000	17,000	6·8
	Bellary	80,000	75,000	51,500	6·8
		1,55,000	1,55,000	1,41,000	6·8
4th ...	Presidency	3,500	.....	3,000	...
	Madras	1,50,000	.....	85,000	8·5
	North Arcot	1,00,000	.....	1,07,000	8·5
		2,53,500	4,50,000	1,95,000	8·5
5th ...	South Arcot	1,00,000	1,25,000	1,07,500	6·8
	Salem...	48,000	55,000	35,000	6·8
		1,48,000	1,80,000	1,42,500	6·8
6th ...	Tanjore	1,40,000	1,40,000	1,80,000	5·1
	Trichinopoly ...	1,00,000	1,00,000	71,000	11·4
		2,40,000	2,40,000	2,51,000	8·2
7th ...	Malabar	1,650	.....	1,075	...
	Coimbatore	60,350	.....	40,925	6·8
		62,000	.....	42,000	6·8
8th ...	Madura	70,000	80,000	41,000	6·8
	Tinnevelly	80,500	1,20,000	86,500	5·3
		1,50,500	2,00,000	1,27,500	6·1

7. With respect to these allotments, the attention of the Chief Engineer fo Irrigation and of the several Superintending Engineers will be called to paragraph 22 and 23 of the orders now communicated.

8. Paragraph 6.—The orders of the Government of India on the revised estimate for the Ulsoor Water Supply Project were furnished to the Superintending Engineer of the 5th Division with Proceedings of the 7th January last, No. 75. Colonel Foord's report should be laid before Government at an early date.

9. Paragraph 7.—His Excellency in Council agrees with the Government of India that, for the reasons stated in this paragraph, there is no immediate necessity for proceeding with the Snider Ammunition Factory. The Mechanical Engineer intended for employment in setting up the machinery has however arrived, and three Assistant Overseers are on their way out to Madras; and as the salaries of these parties will, while unemployed, form a heavy and unprofitable charge upon the State, His Excellency in Council thinks that it may perhaps be found to be wiser economy in the end to put in hand at once the construction of the buildings, unless indeed the Government of India, to whom a reference will be made, can find employment for the Mechanical Engineer and Overseers. Pending the receipt of the final orders of the Right Honourable the Governor General in Council, the machinery should be received into store, and measures taken to preserve it from deterioration.

10. Paragraph 8.—The revised estimate for the Lawrence Asylum buildings is ready for submission to the Government of India. Pending sanction to that estimate, no outlay should be incurred under any circumstances.

11. Paragraph 9.—The sums provided for the works enumerated in this paragraph, but disallowed by the Government of India, as well as the balance of Rupees 5000 remaining to the credit of Item 250 (Madras Pier) will be held at the disposal of Government. The Controller will be specially careful to see that no disbursements are made on account of Items 23, 32, 34 to 38 and 250 of Part II. of the Budget.

12. Paragraph 10.—Adverting to the orders of the 11th October last, No. 3,285, the Superintending Engineer of the 8th Division will take measures for the early submission of an estimate, in communication with Mr. Chisholm, for the work proposed to be undertaken in 1870-71, for the preservation of Tirumala Naick's palace. A complete estimate for the whole of the work contemplated cannot possibly be prepared and furnished at present. The work of restoration must unavoidably be of a tentative character in the first instance and can only be completed by

Proceedings of the Madras Government, Public Works Department,
18th March 1870.

successive appropriations of small annual sums hereafter. After the experience of the first year the Government of India may be addressed with greater confidence on the subject.

13. Paragraph 12.—This paragraph will be communicated to the Judicial Department, and to the Superintending Engineers for guidance.

14. Paragraph 13.—The further information called for by the Government of India on the subject of the Central Jail at Vellore will shortly be submitted. As regards the Central Jail at Trichinopoly, it is observed that the reference made by the Government of India on the 7th June last was transferred on the 21st idem to the Judicial Department, by which department the papers have been forwarded to the Inspector-General of Jails for report. Colonel Wilson's reply has not yet been received.

In letter, No. 331-C.

15. Paragraph 14 will be referred to the Superintending Engineer of the 1st Division for an expression of his opinion.

16. Paragraph 15.—Complete estimates for the various lines of road in the Wynaad have been received from Major Kennedy, and will shortly be laid before the Government of India.

17. Paragraphs 17 to 21 will be specially communicated to the Chief Engineer for Irrigation, who will give effect to the orders of the Government of India. No expenditure should be incurred in 1870-71 on Items 75, 77 to 81, 90 and 103 until the estimates are sanctioned by competent authority. All work on the Chembrambaukum Tank Project should be at once suspended, with the exception of the sluices, the construction of which may be proceeded with from the *Ordinary* grant. The Superintending Engineer will report the amount that will probably be required for that purpose.

18. Paragraph 24 will be referred to the Revenue Department for the issue of the necessary orders to the Board of Revenue, and paragraph 25 to the Public Department for an expression of opinion on the question raised by the Government of India regarding the provision, by local rates, of the amount required for the repair of the station roads at Ootacamund, Coonoor, and Kotagherry. The grant of Rupees 11,230 which this Government were authorized to make in Part III. for the repair of Travellers' Bungalows will be omitted from future Budget Estimates of the Public Works Department.

19. With a view to the subject of effecting a reduction of the provision of Rupees 8,093 for Contingencies of the Civil Engineering College being taken into consideration, the Government desire to be furnished with a statement showing the items of the charge in detail.

20. Paragraph 28.—The special attention of the Superintending Engineers will be directed to the necessity of submitting, with all practicable expedition, the estimates for such of the Local Fund Works entered in the ensuing year's Budget as have not yet been sanctioned. No new works should be commenced in the absence of a sanctioned estimate, or specific authority specially obtained through the Board of Revenue in the case of District roads. Measures will be taken by the Revenue Department for providing, as early as

possible, for all Local Fund Works that may be left incomplete on the 31st instant, as, otherwise, the outlay which may be incurred by Public Works Officers in April and succeeding months will appear as irregular and unauthorized in the Controller's Statements of Objectionable Items.

(True Extract.)

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

To the Chief Engineer for Irrigation.
To Superintending Engineers.
,, Major R. B. Kennedy.
To the Controller of Public Works Accounts.
,, Consulting Engineer for Railways.
,, Consulting Engineer for the Madras Irrigation and Canal Company.
,, Manager for do. do.
,, General Superintendent of Public Works Stores and Workshops.
,, Public, etc, Departments.
,, Revenue Department.
,, Military do.
,, Educational do.
,, Board of Revenue.
,, Master Attendant.
,, Director of Public Instruction.
,, Inspector-General of Police.
,, Accountant-General.
,, President of the Municipal Commission at Madras.
~~,, Sub-ordinate Jail Committee.~~
,, Officer in charge of Public Works Operations at Cochin.
Captain Smith R.E.

Exd. J. Wright.

Statement showing the Temporary Establishments to be employed under G. O., No. 813, dated 18th March 1870.

District.	Officers under whom the Establishments are to be employed.	Particulars of Establishments.		Cost per mensem.	Cost per annum.
		For Surveys.	Rs.	Rs.	Rs.
Ganjam ...	Captain Beckley.	1 Surveyor	150		
		1 Estimator	50		
		1 Draughtsman	20		
		1 Do.	15		
		1 Surveyor	75		
		1 Do.	50		
		3 Lascars, at 7	21		
		9 Do., at 6	54		
				435	5,220
Godavery ...	To be determined by the Superintending Engineer.	3 Surveyors, at 120 ...	360		
		3 Draughtsmen, at 30 ...	90		
		18 Lascars, at 6	108		
				558	6,696
Kistna ...	Do. ...	3 Surveyors, at 50 ...	150	150	1,800
Nellore ...	Do. ...	1 Do.	150		
		1 Draughtsman, at 60 ...	60		
		1 Do., at 40 ...	40		
				250	3,000
Madras ...	Do. ...	2 Surveyors, at 150 ...	300		
		12 Lascars, at 6	72		
				372	4,464
South Arcot ...	Do. ...	1 Surveyor	150		
		4 Lascars, at 6	24		
				174	2,088
Trichinopoly ...	Do. ...	1 Draughtsman	60		
		6 Lascars, at 6	36		
				96	1,152
Coimbatore ...	Mr. Supervisor Baker.	8 Lascars, at 7	56	56	672
Madura ...	Lieutenant Pennycuick.	1 Surveyor	150		
		1 Do.	75		
		1 Do.	75		
		12 Lascars, at 7	84		
				384	4,608
Tinnevelly ...	Major Payne ...	1 Surveyor	50		
		1 Draughtsman	40		
		9 Lascars, at 7	63		
				153	1,836
		Total for Surveys...		2,628	31,536
		For General purposes.			
Ganjam ...	Officer or Subordinate in Executive charge of the Chilka Lake Canal.	1 Writer	20		
		2 Lascars, at 6	12		
				32	384
Vigazapatam ...	Mr. Overseer Cormac.	1 Writer } Special Establishment ...	15		
		2 Lascars }	12		
				27	324
1st Division ...	Mr. Supervisor West	Do.		27	324
Godavery ...	Mr Overseer Walford	Do.		27	324
Do. ...	Mr. Assistant Engineer Turner.	1 Writer	25		
		3 Lascars, at 6	18		
				43	516
Do. ...	Mr. Overseer Bay ...	Special Establishment as above.		27	324
Do. ...	Mr. Overseer Cames.	Do. do. ...		27	324

Statement showing the Temporary Establishments to be employed under G. O., No. 813, dated 18th March 1870.—(Concluded.)

District.	Officers under whom the Establishments are to be employed.	Particulars of Establishments.	Cost per mensem.	Cost per annum.
			Rs.	Rs.
Nellore ...	Mr. Assistant Engineer Lyon.	Special Establishment as above.	27	324
Kistna ...	Mr. Supervisor Carlier.	Do. do. ...	27	324
Do. ...	Additional Overseer.	Do. do. ...	27	324
Nellore ...	Do.	Do. do. ...	27	324
Bellary ...	Do.	Do. do. ...	27	324
Cuddapah ...	Mr. Sub-Engineer Bance.	Do. do. ...	27	324
Do. ...	Mr. Assistant Engineer Brickwell.	1 Writer ... ... 20 7 Lascars, at 7 49	69	828
Presidency ...	Mr. Chisholm ...	1 Draughtsman ... ... 60 2 Do., at 20 ... 40 1 Writer ... ... 30 1 Maistry ... ... 30 2 Lascars 12	172	2,064
Do. ...	Supervisor Annathoray Putten.	1 Writer and 2 Lascars as above.	27	324
Do. ...	Additional Overseer.	1 Writer ... ... 15 2 Lascars 12	27	324
Madras ...	Mr. Assistant Engineer Montserrat.	3 Do., at 7 21	21	252
Do. ...	Additional Overseer.	Special Establishment as above.	27	324
Do. ...	Mr. Assistant Engineer Lowry.	1 Accountant ... ... 40 1 Assistant Accountant ... 20 3 Lascars, at 7 21	81	972
Tanjore ...	Mr. Supervisor Walton.	1 Writer and 2 Lascars as above.	27	324
Do. ...	Additional Overseer.	Do. do. ...	27	324
Do. ...	Mr. Supervisor Littlewood.	Do. do. ...	27	324
Do. ...	Mr. Supervisor Skehan.	Do. do. ...	27	324
Trichinopoly ...	Additional Overseer.	Do. do. ...	27	324
Coimbatore ...	Do. ...	Do. do. ...	27	324
Malabar ...	Do. ...	Do. do. ...	27	324
Wynaad ...	Major Kennedy ...	1 Head Accountant ... 100 1 Draughtsman ... ... 80 1 Clerk ... ... 40 1 Copyist 30	250	3,000
South Canara...	Additional Overseer.	1 Writer and 2 Lascars as above.	27	324
		Total for general purposes...	1,262	15,144
		Grand Total...	3,890	46,680

No 813.

Proceedings of the Madras Government
Under date the 18th March 1870

1. The foregoing orders of the Government of India on the Public Works Budget of this Presidency for the ensuing official year will be communicated to the officers

Officers and Depart-
-ments concerned
for information and
guidance.

2. Paras 3, 4 and
26. The Govern-
-ment of India
having ordered an
absolute reduction
of 2 lacs of Rup-
-pees in the cost
of the Public Works
Establishments,
and directed im-
-mediate measures
to be

to be taken for
giving effect to
that reduction, it
becomes the duty
of this Govern-
-ment to determine
by what means
the charges in the
ensuing official
year on account
of Establishments
can be brought
within the impe-
-rial budget pro-
-vision of Rs: 16,09,200-
On examining the
Nominal

Nominal roll of the Engineer Department, His Excellency in Council observes that the Supernumerary Officers now on the Establishment ~~on the recognized grade~~ are those noted in the margin. These Officers were specially deputed, under the orders of the Right Honorable the Governor General in Council, for employment whose services can most readily, and with the least inconvenience to themselves be transferred to the Irrigation Department under the Govt. of India

Executive Engineers 3d Grade

Mr. Simon
" Andrews
" Mc. Alpine

Asstt Engrs 1st Grade

Mr. J. R. Bell
" Jot

Asstt Engrs 2d Grade

Mr. Barnado.
" Target.

* From Govt. of India No. 589 E, dated 9th April 1868.
From — do — " 660 E / 1950 M d/23 Novbr
From — do — " 698 E / 2039 M d/7 Dec. "

employment in Madras, but as, in consequence of the reduction now made, it will be impossible to retain them in this Presidency without entailing expense which it will be impracticable to defray from the diminished grant under Part IV of the Budget, their services will be replaced at the disposal of the

the Government of India — The perma-
occupation of the
nent appointment
of Under Secretary
to Government in
this Department
will continue in
abeyance, and the
grant to Rs. 100 per
mensem for contin-
gencies in the
Government office
will be reduced to
one half of that
amount — An ad-
ditional Superintending
Engineer has recently

been absorbed, per-
manently into the
2nd Class, and 5 of
the Probationary
Assistant Engineers
have been brought
on the permanent
strength of the
Department as
Assistant Engineers
of the 2nd grade —
Consequent on the
change which is
shortly expected in
the office of
Barrack Master,
Fort St. George,
this

this Department will, under the orders marginally noted, be relieved of the allowance hereto=fore drawn by Colonel Worster— The provision of Rs 720 per annum made in the Budget on account of House Rent for the Consulting Architect will not be required, as, in consequence of Mr.

No 2373 dated 19th August 1864. Para 3.

Mr. Chisholm draw=ing a consolidated salary, he is not entitled to this spe=cial allowance— The Superintending Engineer of the 7th Division will take immediate measures for dispensing with the services of the Mechanical Engi=neer engaged in connection with the Lawrence Asylum Works, who, it is understood, is in receipt

receipt of, or entitled to, a pension for late Services in the Bombay Marine, and the Executive Engineers at St. Thomas' Mount and Bangalore will at once reduce the cost of the Establishments employed under their orders by discontinuing the services of the Special Establishments marginally noted. The cost of the Imperial

St. Thomas' Mount

	Rs
1 Surveyor & Draftsman	75
4 Lascars	28
	103.

Bangalore.

	Rs
1 Accountant	35
1 Draftsman	40
4 Lascars	28
	103

Imperial Petty Establishments is at present nearly one Lac of Rupees per annum. The grant for "general services" having been so greatly curtailed, these Establishments should be immediately reduced by one half, and the Controller will understand that he has no option but to give effect to the orders now issued

issued, commencing with salaries for the ensuing month - The special allowances ~~[illegible]~~ drawn by the Wynaad Establish-ment will shortly be reduced by the change which has been ordered in the charge of the South Eastern Range, and Major Kennedy has reported that the appointments as per margin (now vacant) will not be required.

North Wynaad Range.
1 Draftsman
South Eastern Range.
1 Draftsman.

Of

Of the thirteen special Establishments (at Rs. 103 per mensem) sanctioned for this Presidency, one is attached to No. 6 Range of the Madras District, and part (Rs. 83½) of a second to No. 5 Range of that District - The third and fourth Establishments, which are employed under the Executive Engineers at St. Thomas' Mount and Bangalore, have been disposed of above, and

the

the remaining mine,
which are unfilled,
will be surrendered-
In the opinion of
His Excellency in
Council, there is, for
the present, no neces-
sity for continuing
the division of the
Presidency into two
distinct Charges- The
Northern and Southern
Ranges will accord-
ingly form one
Executive Charge
in future under the
officer now in Charge
of

of the Northern Range
who will take mea-
sures for dispensing
with the office Esta-
blishment attached
to the Southern Range
from the 1st proximo-
However
In order to strengthen
the Executive staff
at the Presidency,
the Government di-
rect that Supervisor
P. Annathorey
Putten be re-trans-
ferred to Madras
from the Tanjore
District where he
is now employed-
join.

The

The cost of the office attached to the Northern Range of the Presidency is Rs. 442 per mensem, and the Establishment (which consists of ten members exclusive of office servants) being more than double the strength[x] of a first class Range in the Provinces, will, in the opinion of Government, be found amply sufficient for the work to be performed under the

[x] 4 Members who, inclusive of office Servants, draw Rs. 171 per mensem.

33

the re-arrangement of charges now ordered.

3. These changes and reductions, added saving recently effected in the cost of the Govt. Office Establt. and in the to the excess provision in the Budget on account of the military allowances of Superintending Engineers, result in an immediate saving of Rupees 1,66,030 per annum, as shown below—

	Rs.
Salary of Under Secretary, as per Budget	8,328
House Rent for do. as per do.	720
Reduction in the allowance for Contingencies for the Government Office	600
Do in the Estabt. of Do	900
Saving by the absorption of an additional Supg. Engr. into the 2nd Class	1,200
Excess provision in the Budget on account of the military allowances of Supg. Engineers— Budget Rs. 59,000 - Probable outlay Rs. 51,000 - Difference	8,000
Salaries of 3 Supernumerary Coy. Engrs. 3rd grade, 2 " " Asstt. " 1st " " 2 " " " " 2nd " "	To be replaced at disposal of Govt of India 38,400

Saving by the absorption of 5 Probationary Asst. Engineers into the permanent strength of the Department ——— } 12,000

Travelling allowance of do do as Probationers and of the 7 Supy. officers above referred to, calculated at the actuals of six months (Rs 2072-) ——— 16,144

Barrack Masters allowance ——— 2,220

House Rent provided for the Consulting Architect ——— 720

Salary of one Mechanical Engineer to be dispensed with ——— 6,564

Reductions in Imperial Petty Establishment ——— 50,000

Saving on special allowances to officers in the Wynaad ——— 2,000

Salaries of 2 Draftsmen in do not required including special allowances ——— 1,200

Special Establishments to be dispensed with — 16,068 Per annum

Deduct

1 Special Establishment employed in Nob Range, Madras District.
103 × 12 = ——— 1236

Part of 1 Special do do do in No 5 Range, Madras District —
83½ × 12 = ——— 1,002

2,238 13,830

Salaries of the Members of the office Establishment attached to the Southern Range ——— 3,204

1,66,030

There is still a sum of nearly 35,000 Rupees to be provided, but seeing that the budget

15

budget contains full provision for all items of charge which are expected to be incurred in the ensuing year, there will doubtless be large savings at its close to make up this amount. This will be explained to the Government of India, who will be requested not to press for further specific reductions. The Superintending Engineers will meanwhile report without

without delay what
savings can, under
the present emergency
~~[illegible]~~ be
effected in the per=
manent office Esta=
blishments attached
to their Divisions,
and they will refrain
from making new
appointments or
promotions to vacan=
cies which may be
left unfilled with=
out positive detri=
ment to the interests
of the Public Service.

The

5. The charges for
Temporary Establish=
ments have, of late
years, been greatly
on the increase, and
His Excellency in
Council having had
under his consider=
ation a Return of
those Establishments,
resolves to direct that
all such as are not
included in the
Statement which
accompanies this
Order be at once
dispensed with –
The charges for
Temporary

* Survey, offices, &c. –

Temporary Establish=
ments should, on no
account, exceed the
budget provision
of Rs 50,000 and the
Controller will see
that the orders com=
municated to him
above with respect
to Imperial Petty
Establishments are
strictly applied to
all Temporary
Establishments.

6. — Para 5 — The sum made available next year for Agricultural Repairs is Rupees 12 Lacs, which His Excellency the Governor in Council resolves to appropriate as follows —

Divisions	Districts.	Budget Grant for 1869-70.	Applied for by Superintending Engineers for 1870-71.	Grant for 1870-71.	Percentage of repair allotment on Revenue.
1st	Ganjam	16,000	21,000	22,500	4·5
	Vizagapatam	20,000	20,000	8500	6·8
	Godavery	200,000	150,000	146,000	6·9
		236,000	191,000	177,000	6·2
2nd	Kistna	100,000	"	70,000	7·6
	Nellore	55,000	"	54,000	6·8
		155,000	"	124,000	7·2
3d	Cuddapah	45,000	50,000	72,500	6·8
	Kurnool	30,000	30,000	17,000	6·8
	Bellary	80,000	75,000	51,500	6·8
		155,000	155,000	141,000	6·8
4th	Presidency	3,500		3,000	
	Madras	150,000		85,000	8·5
	North Arcot	100,000		107,000	8·5
		253,500	450,000	195,000	8·5
5th	South Arcot	100,000	125,000	107,500	6·8
	Salem	48,000	55,000	35,000	6·8
		148,000	180,000	142,500	6·8
6th	Tanjore	140,000	140,000	180,000	5·1
	Trichinopoly	100,000	100,000	71,000	11·4
		240,000	240,000	251,000	8·2
7th	Malabar	1650	"	1075	
	Coimbatore	60,350	"	40,925	6·8
		62,000	"	42,000	6·8
8th	Madura	70,000	80,000	41,000	6·8
	Tinnevelly	80,500	120,000	86,500	5·3
		150,500	200,000	127,500	6·1

7. With respect to these allotments, the attention of the Chief Engineer for Irrigation and of the several Superintending Engineers will be called to paras 22 and 23 of the orders now communicated.—

8. Para 6— The orders of the Government of India on the revised Estimate for the Ulsoor Water Supply Project were furnished to the Superintending Engineer of the 5th Division with Proceedings of the 7th January last, No. 75. Colonel Foord's report should be laid before Government at an early date.—

9. Para 7— His Excellency in Council agrees with the Government of India that, for the reasons stated in this para, there is no immediate necessity for proceeding with the Spider Ammunition Factory. The Mechanical Engineer intended for employment

employment in setting up the machinery has, however arrived, and three ~~Foremen~~ Assistant Overseers are on their way out to Madras, and as the salaries of these parties will while unemployed, form a heavy and unprofitable charge upon the State, His Excellency in Council thinks that it may perhaps be found to be wiser economy in the end to put in hand at once the construction of the buildings, unless indeed the Government of India, to whom a reference will be made, can find employment for the Mechanical Engineer and ~~Foremen~~ Overseers. Pending the receipt of the final orders of the Right Honorable the Governor General in Council, the machinery should be received into Store, and measures taken to preserve it from deterioration.

10. Para 8. The revised Estimate for the Lawrence Asylum Buildings is ready for submission to the Government of India. Pending sanction to that Estimate, no outlay should be incurred under any circumstances.

11. Para 9. The sums provided for the works enumerated in this para, but disallowed by the Government of India, as well as the balance of Rupees 5000 remaining to the credit of Item 25 (Madras Pier) will be held at

at the disposal of Government. The Controller will be specially careful to see that no disbursements are made on account of Items 23, 32, 34 to 38 and 250 of Part II of the Budget.

12. Para 10. Adverting to the orders of the 11th October last, No. 3285, the Superintending Engineer of the 8th Division will take measures for the early submission of an Estimate, in communication with Mr. Strokholm, for the work proposed to be undertaken in 1870-71,

and will be prepared and furnished at present. The work if sanctioned will be carried out under the personal direction of the Executive Engineer in charge of the first instance and can only be completed by successive appropriations of Budget Grants. After the receipt of the Estimate the Government of India may be addressed with greater confidence on the subject.

1870-71, for the preservation of Firuzala Nairiz's place. An complete Estimate for the whole of the work contemplated should be furnished as soon after as possible.

13. Para 12. This para will be communicated to the Judicial Department, and to the Superintending Engineers for guidance.

14. Para 13. The further information called for by the Government of India on the subject of the Central Jail at Belgaum will shortly be

be submitted. As regards the Central jail at Trichinopoly it is observed that the reference made by the Government of India on the 19th June last was transferred on the 21st idem, following to the Judicial Department by which Department the papers have been forwarded to the Inspector General of Jails for report. Colonel Wilson's reply has not yet been received.

15. Para 14 will be referred to the Superintending Engineer of the 1st Division.

Division for an expression of his opinion.

16. Para 15. Complete Estimates for the various lines of road in the Wynaad have been received from Major Kennedy, and will shortly be laid before the Government of India.

17. Paras 17 to 21 will be specially communicated to the Chief Engineer for Irrigation, who will give effect to the orders of the Government of India. No expenditure should be incurred in 1870-71 on Items 75, 77 to 81, 90 and 103 until the

the Estimates are sanctioned by competent authority. All work on the Chembrum-bakkum Tank Project should be at once suspended, with the exception of the sluices, the construction of which may be proceeded with from the Ordinary grant. The Superintending Engineer will report the amount that will probably be required for that purpose.

12. Para 24 will be referred to the Revenue Department for the issue of the necessary orders to the Board of Revenue, and para 25 to the Public Department

13. [illegible] to proceed to Vellore to inspect the [illegible] Project and report the probable cost of completing the Project. Copies of the Engineer's letter and the Superintending Engineer's remarks thereon will be forwarded for the information of Government.

Confirmed. [illegible] a Minute recorded, with the thanks of Government for the [illegible] shown in selecting the site and preparing the plans and estimates for the Project.

Ordered, that the Superintending Engineer be informed that the Project is sanctioned, and that the Public Department be requested to issue the necessary orders to the Board of Revenue.

19 - With a view to the object of effecting a reduction of the provision of Rupees 8073 for contingencies of the Civil Lighting Colleges being taken into consideration, I shall desire to be furnished with a Statement showing the items of the charge in detail —

Superintendent's Office,
Calcutta, the 30th March 1880.

Sir,

In reply to your letter No. 1179 dated the 26th instant, I have the honor to forward herewith a statement showing the items of the charge for Contingencies, Civil Lighting Colleges, as entered in the Estimate for 1880-81.

2. The Estimate for 1879-80 was framed before the Budget Estimate for the Public Works Department was received, and the amount entered for Contingencies was based on the actual charges of the previous year. The Budget Estimate for the Public Works Department, however, was received before the Estimate for Contingencies was submitted, and the amount entered for Contingencies was reduced in accordance with the instructions contained in the Secretariat Circular No. 20 dated 28th March 1879.

I have the honor to be,
Sir,
Your most obedient servant,
[illegible]

the Superintending Engineers will be directed to the necessity of submitting, with all practicable expedition, the Estimates for such of the Local Fund Works entered in the ensuing year's budget as have not yet been sanctioned. No new work should be commenced in the absence of a sanctioned Estimate, or specific authority specially obtained through the Board of Revenue in the case of District Roads. Measures will be taken by the Revenue Department for providing, as early as possible, for all Local Fund works that may be left incomplete on the 31st ult. instant, or otherwise the outlay which may be incurred by Public Works Officers in April and succeeding months will appear as irregular and unauthorized in the Controller's Statements of Objectionable Items.

To the Chief Engineer for Irrigation.
To Superintending Engineers.
To Major R. B. Kennedy.
To the Controller of Public Works Accounts.
" " Consulting Engineer for Railways.
" " Consulting Engineer for the Madras Irrigation and Canal Company.
" " Manager for. do. do.
" " General Superintendant of P. W. Stores.
" " Public Works Departments.
" " Revenue Department.
" " Military Department.
" " Board of Revenue.
" " Master Attendant.
" " Director of Public Instruction.
" " Inspector General of Police
" " Accountant General

Despatch No. 25 dated 1870.

To the President of Municipal Commissions,
Madras.

Officer in Charge of Operations at
Capt.a C.J. Shuttleworth Cochin.

Sp.l Coffin Lascars Dr. 15/5/70.
Spare Coffin — to Sale J. Page rated
Major Renny 1 per Dr Humphreys
Rep.r Dispatches per Capt.n C.J. Shuttleworth 21/3/71

Statement showing the Establishments employed under G.O. 4078 dated 3 March 1870

District	Officers under whom the Establishment are employed	Particulars of Establishments	Cost per month	Cost per annum
		For Surveys Rs		
		1 Surveyor — 150		
		1 Estimator — 50		
		1 Draftsman — 20		
Ganjam	Capt Beckley	1 — do — 15		
		1 Surveyor — 75		
		1 — do — 50		
		3 Lascars @ 7 — 21		
		9 do @ 6 — 54	435	5220
Godavery	To be determined by the Superintendent	3 Surveyors @ 120 — 360		
		3 Draftsmen @ 30 — 90		
		18 Lascars @ 6 — 108	558	6696
Kistna	Do	3 Surveyors @ 50 — 150	150	1800
Nellore	Do	1 — do — 150		
		2 Draftsmen @ 30 — 60		
		1 — Do — @ 40 — 40	250	3000
Madras	Do	2 Surveyors @ 150 — 300		
		12 Lascars — 72	372	4464
S. Arcot	Do	1 Surveyor — 150		
		4 Lascars @ 6 — 24	174	2088
Trichinopoly	Do	1 Draftsman — 60		
		6 Lascars @ 6 — 36	96	1152
			2035	24420

				2035	24			441	5292
Coimbatore	Inf. Supr Baths	8 Lascars @ 7	56	56					
Madura	Lt Pennycuick	1 Surveyor	150						
		1 do	75						
		1 do	75						
		12 Lascars @ 7	84	351	4608				
Trinomaly	Major Lagne	1 Surveyor	50						
		1 Draftsman	40						
		7 Lascars @ 7	63	153	1836				
		Total pr Surveyors		2628	31536				
		For general purposes							
Tanjore	Officer or Subordinate in Expectation of the Chittledroog Command	1 Writer	20						
		2 Lascars	12	32	384				
Vizagapatam	Inf. Overseer Coromandel	1 Writer	} Special Establt	15					
		2 Lascars		12	27	324			
1st Do	Inf. Supr West	Do			27	324			
Godavery	Inf. Dep. Walford	Do			27	324			
Do	Inf. Asst Engr Jumner	1 Writer		25					
		3 Lascars		18	43	516			
Do	Inf. Overseer Bay	Special Establt as above			27	324			
Do	Inf. Dep. Lawes	Do			27	324			
Goltore Hurricota	Inf. Asst Engr	Do	Do		27	324			
Vizagapatam	Inf. Supr Parker	Do	Do		27	324			
Do	Addl. Overseer	Do	Do		27	324			
N Arcot	Do	Do	Do		27	324			
Bellary	Do	Do	Do		27	324			
Cuddapah	Inf. Supr Engr Ravee	Do	Do		27	324			
Do	Inf. Asst Engr Buckley	1 Writer		20					
		7 Lascars @ 7		49	69	828			
					441	5292			

Presidency	Inf. Christolen	1 Draftsman	60						
		2 do @ 20	40						
		1 Writer	30						
		1 Interpr.	30						
		2 Lascars	12			172	2064		
Do	Supr Annabutgrey Pulicat	1 Writer & 2 Lascars as above				27	324		
Do	Addl Ovr	1 Writer	15						
		2 Lascars	12			27	324		
Madras	Inf Asst Engr Monteserrat	3 — do — @ 7	21			21	252		
Do	Addl Ovr	Special Establishment as above				27	324		
Do	Inf Asst Supr Lyons	1 Accountant	40						
		1 Asst do	20						
		3 Lascars @ 7	21			81	972		
Tanjore	Inf Supr Wallin	1 Writer & 2 Lascars as above				27	324		
Do	Addl Ovr	do				27	324		
Do	Inf Supr Little	do				27	324		
Do	Inf Supr Sheehan	do				27	324		
Trichinopoly	Addl Ovr	do				27	324		
Combaconum	Do	do				27	324		
Malabar	Do	do				27	324		
		1 Ft. Asst	100						
		1 Draftsman	80						
Wynaad	Inf. Resd	1 Clerk	40						
		1 Copyist	30			250	3000		
Seringapatam	Addl Ovr	1 Writer & 2 Lascars as above				27	324		
~~Trinomaly~~	~~Lt Shepherd~~	~~12 Lascars @ 7~~				~~84~~			
		Total pr General purposes				1262	15144		
		Grand Total				3890	46680		

10.5.24 1870 V

21-2-08 √

Cue 954

Govt. of [illegible] 1870 [illegible]

PUBLIC WORKS.

To The Chief Engineer for Irrigation

Further Rc. No 646 D/4-3-71
753 D/13-3-71
1299 D/12-5-71

Dated

Recd. Rec.

G. O. 18 March 1870 No. 813

Nos 3311 - 3315

Madras Municipal Paying enclosing an estimate for the work & duties forwarding reports of the Madras Municipality for 1870-71.

Further Rc. D/3 Feb/71

Do No 409 D/9 Feb/71

1018 12-4-71